

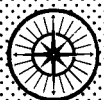
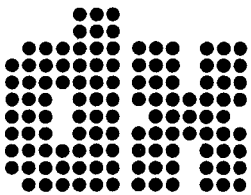
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WORLD WIDE DX CLUB



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

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

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

## WORLD RADIO TV HANDBOOK 2022

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DX MAGAZINE No. 12



Vol. LVI



December 2021

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2021. Let me take this opportunity to thank you very much for all your support during this year. Many thanks also to all of you who have ordered the new **WORLD RADIO TV HANDBOOK 2022** from us.

Finally, let me wish you a Merry Christmas and a very Happy and Healthy New Year 2022,



## NEWS ABOUT BROADCASTING (+other) STATIONS

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

### European, Private Shortwave Stations

December 1st, 2021

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

Abbreviations: D = Germany, DNK = Denmark, FIN = Finland, NL = Netherlands, NOR = Norway, S = Sweden,

Alt.: Alternative, F.pl.: future plan, Int'l = International, Irr. = irregular, 24/7 = twenty-four hours a day, seven days a week.

3955	D	Radio Channel 292	Rohrbach Waal	Daily 0700-2000 & 2200-0600
3975	D	Shortwave Gold	Winsen	Daily 0700-2100
3985	D	Shortwaveservice	Kall-Krekel	Daily 1500-2100
3995	D	HCJB	Weenermoor	24/7
5895	NOR	The Sea / Radio Northern Star	Bergen	Daily 0428-2307. Silent from mid-Dec.
5920	D	HCJB	Weenermoor	Daily 0700-1705
5930	DNK	World Music Radio	Bramming	24/7
5955	NL	Sunlite	Westdorpe	From December 5th: Daily 0600-1800
5970	DNK	Radio208	Hvidovre	24/7
5980	DNK	Radio OZ-Viola	Hillerød	We 2200-2300, Sa-Su 1200-1400
5980	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month 22-08 & 14-17
5990	NL	Studio Denakker	Klazienaveen	F.pl.
6005	D	Shortwaveservice	Kall-Krekel	Daily 0900-1700
6005	NL	Radio Delta International	Elburg	Summer period Sa 2000-0100
6020	NL	Radio Delta International	Elburg	Su 0600-1500
6055	DNK	Radio OZ-Viola	Hillerød	Alternative to 5980

6070	D	Radio Channel 292	Rohrbach Waal	24/7
6085	D	Shortwaveservice	Kall-Krekel	Daily 0800-1800 (Radio MiAmigo Int'l)
6115	D	Radio SE-TA 2	Gera	Irr. (1000-1200 UTC)
6125	NL	Radio Europe	Alphen a/d Rijn	Irr. (1400-2300 UTC)
6140	NL	Radio Onda, Belgium	Borculo, NL	Weekends
6150	D	Europa 24	Datteln	Daily 0800-1605
6160	D	Shortwave Gold	Winsen	0800-1500
6170	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month 08-14 & 17-22
6185	NL	Radio Piepzender	Zwolle	Irr.
7220	NL	Rockpower	Nijmegen	Irr.
7365	D	HCJB	Weenermoor	0900-1500
7425	NL	Radio Piepzender	Zwolle	Irr. (1700-0700 UTC)
7445	NL	Radio Piepzender	Zwolle	Irr. (0800-1700 UTC)
9530	NL	Radio Onda, Belgium	Borculo, NL	Weekends
9670	D	Radio Channel 292	Rohrbach Waal	24/7
11690	FIN	Scandinavian Weekend Radio	Virrat	1st Sa of the month 08-10 & 17-22
11720	FIN	Scandinavian Weekend Radio	Virrat	1st Sa LT of the month 22-08 & 10-17
15785	D	FunkLust	Erlangen	DRM-modulation
15790	DNK	World Music Radio	Randers	Sa-Su 0700-2000 & irr. at other times
25800	DNK	World Music Radio	Mårslet, Aarhus	24/7

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

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## ANTARCTICA - LRA 36 new team in 2022 year.

<<https://admin.radionacional.com.ar/cuatro-mujeres-estaran-a-cargo-de-lra-36-radio-nacional-en-la-antartida/>>

"Four women will be in charge of LRA 36 Radio Nacional in Antarctica, 15 Oct 2021. Romina Zabalza is one of the three producers who, together with a technical operator, make up the team that in 2022 will be in charge of LRA 36 Radio Nacional Arcangel San Gabriel, which operates in Antarctica Argentina and broadcasts from Base Esperanza, on 15476 kHz 19-meter shortwave band and {local} 97.6 MHz FM.

Romina told us that she is a dentist, a native of Tucuman, that she belongs to the Navy and that she will travel next February with her family to the Esperanza Base to join the 2022 work teams. Together with the producers Maria Rodriguez, Claudia Albarraín and the technical operator Mariela Churquina, she is undergoing the corresponding training to take on the task during the summer and for the whole of next year. He expressed that it is "an enormous pride" to assume "with a lot of responsibility" the work in charge of Radio Nacional's radio station and told details of the official presentation of the new staff held yesterday.

The ceremony was in charge of the Minister of Defense, Jorge Taiana; the president of Radio y Televisión Argentina (RTA), Rosario Lufano; the vice-president of RTA, Osvaldo Santoro, and the Director of Radio Nacional, Alejandro Pont Lezica, among other authorities."

(Manuel Mendez, Lugo-ESP, via RUSdx #1158 via wwdxc BC-DX TopNews Nov 7)

**ARMENIA** - 12075 kHz TWR India via Yerevan Gavar relay, 14 Nov. YL with contact info anmts including PO Box and URL at 1340 UT in listed lang Braj Basha. Then into light subcontinental mx to 1344 UT. TWR IS and change of lang 1345 UT, into Kurukh. Good signal with light echo. Listed here in various languages till -1415\* UT. (Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1022 Nov 14)

**ASCENSION ISL** - 12095 BBC ENC Ascension relay, 2051-2059:30\* UT on Nov 20; "History Hour" discussion of personal protection, notable shooting incidents, Rittenhouse trial, etc. 2059 UT BBCWS ID & pgm notes; off abruptly SIO=3+3+3- w/hum QRM that LSB took out. (Harold Frodge-MI-USA, via WOR Nov 24)

**AUSTRALIA** - Much better signal from R. Bay Islands 5045 kHz into the KiwiSDR site at Half Moon Bay this evening 15 Nov UTC (SINPO 3+3343 and strong waterfall display) from 0821 tune to past 0915 UT. Rock music with a few scattered (and possibly prerecorded) announcements by a man. Although most songs could be ID'd with Shazam ("Dr.

Feelgood" by Motley Crue, "Bat Out Of Hell" by Meat Loaf, "Another One Bites The Dust" by Queen, etc.), some type of QRM made copy a bit difficult - the QRM was strange and not heard during prior transmissions from this station.

The Kiwi waterfall display at the rcvr site showed no splash from a good Vanuatu signal on 5040 kHz but there was what sounded like adj channel QRM being transmitted from the station - almost as if they were transmitting local QRM from some source (a local receiver feeding through?) along with their audio. Strange - last night the same phenomenon was heard but the desired audio was almost non-existent (similar to what Ron Howard reported). Tim Gaynor reports that the xmtr was increased power today from last evening.  
(Bruce W. Churchill-CA-USA, WOR Monday Nov 15)

5035-USB log and E-QSL, Unique Radio, on Nov 26 listening from 1025 UT; a very rare day that I actually had some faint audio with announcer and music, which did not sound like pop music / songs, but not quite strong enough to describe it in detail; at 1101 UT heard time pips; still on the air at 1122 UT, but rechecked at 1140 UT and found the station was clearly off the air. As Glenn also noted, this frequency was silent yesterday.

Was excited to be able to catch any audio and certainly this was an outstanding day for Australian reception, as Radio 4KZ (5055 kHz) was doing fairly well till they cut off about 1000 UT (unlike yesterday's extended broadcasting past 1205+ UT). Today around 0933 UT, heard the Beatles - "All You Need Is Love", Wham - "Wake Me Up Before You Go-Go", etc. It is not often I can hear 4KZ well enough to easily ID the songs.

Am very grateful to Tim Gaynor for checking on my Unique Radio details of reception and responded with E-QSL <<http://bit.ly/3DWZDOz>> and "I double checked DJ Key's file of On this day 80's and right on the end he does have time pips and as the show was a minute over would tally. I'm not sure why? So conditions may be improving.

You would be doing well if you could hear us on 5035 kHz USB. Also I noticed DJ Key (British announcer / DJ) plays an old fashioned sounding song, 'Together we'll be ok ...' and then an instrumental and website details with an American voice. Sounds like it was us after all Ron."  
(Ron Howard-CA-USA, WOR and direct Nov 27)

**BELARUS (non)** - A Russian-language pirate station called Radio Free Waves Bay has been heard regularly across Europe in the evenings on 3940 kHz [see logs above-ed]. It had been suggested by some sources that the station was located in Smolensk in western Russian, between Moscow and the border with Belarus. But a posting on the Ukrainian DX Blog says TDoA results point to a site in northern Belarus for both 3940 and a medium wave outlet on 1575 kHz <<https://udxb.blogspot.com/>> (TDoA = "Time Distance of Arrival", a technique used to try and pinpoint a station's location using receivers in different sites).

It has also been reported that station rebroadcasts Russian-language material such as podcasts and other material from the internet, some of it is radio-related while other material has been political. Also Western and Russian music has been heard on the station. It is thought the power could be up to 2kW.

A DXer in St Petersburg has received an eQSL from the Free Waves Bay. The station has a web address of <<https://id043199.myrh.ru>> and email address given as <6783432@gmail.com>  
<<http://qsl-review.blogspot.com/2021/10/radio-free-waves-bay.html>>

For many years Russian "hooligan" stations have been heard around 3100 kHz with QSOs, music and other chat. But Free Waves Bay has moved into a more higher profile location on the edge on the 75 metre broadcast band where more people are likely to hear it.

Another Russian station called Radio Gromel was also reported on 3920 USB last month playing a mix of Russian and Western music, reported by DXers on the HF Underground forum.

<<https://www.hfunderground.com/board/index.php/topic,87695.0.html>> (Paul Watson)

Allen Dean adds: The Russian pirate station Radio Free Waves Bay continues to be heard quite regularly during the evenings on 3940 kHz. Reports can be sent to <6783432@gmail.com>. E-QSL received within an hour. (AD)

AD Allen Dean Padiham, Lancashire Eton Satelit 750, Tecsun PL600, Eton Traveller 111

(via BDXC-UK Communication via WOR io group)

<<https://bclnews.blogspot.com/2021/11/2021-radiodays-europe-conference.html>>

(RUS-DX # 1159)

**BRAZIL** - 4885, Radio Clube do Para, Belem, 0518-0658 UT, 07 Nov, Brazilian songs, program "Clube da Madrugada", ID. "Radio Clube do Para... ondas tropicais... Rede Amazonia de Comunicacao, Para, Amazonia, Brasil", "Bom dia, voce esta ouvindo Clube da Madrugada". 35433.

6150 kHz Radio Saturno, Belo Horozinte, 0443-0458 UT, 07 Nov, songs, id. At 0456 UT: "Saturno... 1 y 56". At 0457 UT eclipsed by Romania signing on on 6145 kHz, at 0557 UT Romania closed down and audible again very weak, but at 0559 UT Austria signing on on 6165 and eclipsed again Radio Saturno. 15321. Heard again 0715-0758 UT, 07 Nov, songs and Portuguese talks, strong fading, audible at times. At 0758 UT eclipsed by Europa 24, Germany signing on on the same frequency. 15421.

9550 kHz Radio Boa Vontade, Porto Alegre, 2045-2116, 06 Nov, Portuguese, religious comments and songs, ID. "Rede Boa Vontade de Radio". 25322.

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9819.1 kHz, Radio 9 de Julho, Sao Paulo, 0814-0825 UT, 07 Nov, Portuguese, religious comments. Very weak. 14311.

11780 kHz Radio Nacional da Amazonia, Brasilia, 1820-1850 UT, 06 Nov, Brazilian songs, comments, id. "Radio Nacional, 11780 kHz". 35433.

11815 kHz Radio Brasil Central, Goiania, 1916-2010 UT, 06 Nov, Brazilian songs, comments, identification song at 1959 UT: "Radio Brasil Central, Goiania..." at 2000 UT: "Boa noite Goais", comments, more songs. 34433.

11895.1 kHz Radio Boa Vontade, Porto Alegre, 2057-2113 UT, 06 Nov, religious comments. // 9550 kHz. 14321.

15190 kHz Radio Inconfidencia, Belo Horizonte, 1905-2050 UT, 06 Nov, Brazilian songs, comments. 25322. (Manuel Mendez-Lugo-ESP, hcdx WOR Nov 7)

9666.23 kHz ZYE890 Voz Missionaria (tent); 2153-2202+ UT Nov 21; PP rlg's pgm; several mentions of Brasil & used "Brasilista", same as "Brasileno"? No ToH break/ID. SIO=433 w/whine QRM that USB took out. 666 great freq for a rlg's station! (Harold Frodge-MI-USA, via WOR Nov 24)

6150 kHz Radio Saturno, Belo Horizonte, at 0717 UT on Nov 21, pop songs in English, Portuguese, comments, id. "Radio Saturno a sua melhor companhia". 25322. (Manuel Mendez-ESP, hcdx Nov 21)

## CANADA [ARMENIA / AUSTRIA / BULGARIA / GERMANY / MADAGASCAR / TAJIKISTAN / UZBEKISTAN] -

BVB schedule in B-21 season. <BVB\_B-21\_Winter\_Frequency\_Schedule\_2021\_Revised.pdf>  
also on MBR FMO Cologne requested B-21 file <MBR\_B21\_operational\_schedule\_2021-10-31-new.pdf>

BIBLE VOICE BROADCASTING Program Schedule B-21 Winter 2021/2022  
Programs are available on <www.bvbroadcasting.org> Programmers love to hear from you directly.  
Please send your reports to <mail -at- bvbroadcasting.org> or mail to

BVB, P.O.Box 95561, Newmarket, ON L3Y 8J8, Canada

MIDDLE EAST 1	9715 kHz	31 mb, 100 kW, ORS MOS Moosbrunn Austria
DAY	TIME	LANGUAGE
Sunday	1830-2000	English
Thursday	1800-1830	English
Friday	1800-1815	English
Saturday	1830-1930	English

MIDDLE EAST 2	5935 kHz	49 mb, 250 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE
Sunday	1915-1930	English

MIDDLE EAST 3	9490 kHz	31 mb, 100 kW, SOF SPC-NURTS Kostinbrod {rather also 9560, 9765, 11700 kHz 49/31/25 mb also requested ? wb.}
DAY	TIME	LANGUAGE
Sunday	1730-1745	Arabic
Monday	1730-1745	Arabic
Tuesday	1730-1745	Arabic
Wednesday	1730-1745	Arabic
Thursday	1730-1745	Arabic
Friday	1730-1745	Arabic
Saturday	1730-1745	Arabic

MIDDLE EAST 4	9450 kHz	31 mb, 250 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE
Friday	0500-0515	Arabic

MIDDLE EAST 5	9490 kHz	31 mb, 100 kW, SOF SPC-NURTS Kostinbrod
Monday	1710-1730	Arabic
Wednesday	1710-1730	Arabic

MIDDLE EAST 7	6080 kHz	49 mb, 125 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE
Sunday	1930-2015	English

MIDDLE EAST 8	11600 kHz	25 mb, 250 kW, SOF SPC-NURTS Kostinbrod
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DAY	TIME	LANGUAGE
Sunday	1545-1600	Arabic
Monday	1545-1600	Arabic
Tuesday	1545-1600	Arabic
Wednesday	1545-1600	Arabic
Thursday	1545-1600	Arabic
Friday	1545-1600	Arabic
Saturday	1545-1600	Arabic
MIDDLE EAST 9 5900 kHz 49 mb, 100 kW, SOF SPC-NURTS Kostinbrod		
DAY	TIME	LANGUAGE
Sunday	1945-2000	Arabic
Monday	1945-2000	Arabic
Tuesday	1945-2000	Arabic
Wednesday	1945-2000	Arabic
Thursday	1945-2000	Arabic
Friday	1945-2000	Arabic
Saturday	1945-2000	Arabic
MIDDLE EAST 11 5900 kHz 49 mb, 250 kW, SOF SPC-NURTS Kostinbrod		
DAY	TIME	LANGUAGE
Sunday	1930-1945	Arabic
Monday	1930-1945	Arabic
Tuesday	1930-1945	Arabic
Wednesday	1930-1945	Arabic
Thursday	1930-1945	Arabic
Friday	1930-1945	Arabic
Saturday	1930-1945	Arabic
Local Times Tehran +3.5hrs W, +4.5hrs S		
IRAN 1	7365 kHz	41 mb, 100 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE
Sunday	1830-1900	Farsi
Tuesday	1830-1900	Farsi
Thursday	1800-1900	Farsi
Friday	1800-1830	Farsi
Local Times Addis Ababa / Asmara / Khartoum +3hrs W/S		
EAST AFRICA 1B	11790 kHz	25 mb, 100 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE
Sunday	1600-1630	Oromo
	1630-1700	Somali
	1700-1730	Tigringa 250kW
	1730-1800	Amharic 250kW
Monday	1600-1630	Oromo
	1600-1630	Oromo
Tuesday	1630-1730	Amharic
	1730-1800	Tigringa
	1700-1730	Amharic
Wednesday	1730-1800	Tigringa
	1700-1730	Amharic
Thursday	1700-1730	Amharic
Saturday	1630-1700	Somali
	1730-1800	Oromo 250kW
NORTH AFRICA 1 9440 kHz 31 mb, 125 kW, MBR NAU Nauen Germany		
DAY	TIME	LANGUAGE
Sunday	0600-0615	Arabic
Monday	0600-0615	Arabic
Tuesday	0600-0615	Arabic
Wednesday	0600-0615	Arabic
Thursday	0600-0615	Arabic
Friday	0600-0615	Arabic
Saturday	0600-0615	Arabic
NORTH AFRICA 2 9400 kHz 31 mb, 250 kW, SOF SPC-NURTS Kostinbrod		
DAY	TIME	LANGUAGE
Sunday	1945-2000	Arabic

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Monday	1945-2000	Arabic
Tuesday	1945-2000	Arabic
Wednesday	1945-2000	Arabic
Thursday	1945-2000	Arabic
Friday	1945-2000	Arabic
Saturday	1945-2000	Arabic

Local Times Khartoum +3hrs W/S  
 SUDAN 1 15300 kHz 19 mb, 100 kW, ISS TDF Issoudun France  
 rather 100 kW, MBR NAU Nauen Germany !

DAY	TIME	LANGUAGE
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Sunday	1430-1500	Nuer
Monday	1430-1500	Nuer
Tuesday	1430-1500	Nuer
Wednesday	1430-1500	Nuer
Thursday	1430-1500	Nuer
Friday	1430-1500	Nuer
Saturday	1430-1500	Nuer

FRANCE 15300 kHz BIBLE VOICE BCN daily 1430-1500 UT in Nuer language,  
 100 kW at 135degr azimuth via TDF Issoudun-F, MBR Cologne FMO brokered.  
 rather 100kW, MBR NAU Nauen Germany !

Monitored best signal via Cyprus Kiwi\_net SDR unit remotely at S=9+20dB or -52dBm powerful signal at 14.50 UT on Nov 9. Despite all four Kiwi's at Kuwait amateur radio society only S=7 or -80dBm poor to fair signal, I guess - too much easterly location though.

(wb df5sx, wwdxc BC-DX TopNews Nov 9)

INDIA 1	11900 kHz	25 mb, 250 kW, MBR NAU Nauen Germany
DAY	TIME	LANGUAGE {not 15265kHz as in A-21 anymore}
Saturday	1400-1430	English 1st Saturday each month
	1430-1500	English each Saturday of the month

Not Sundays.

INDIA 2	11790 kHz	25 mb, 100 kW ERV CJSC Yerevan Gavar Armenia
DAY	TIME	LANGUAGE
Thursday	0200-0230	English rather 100kW, MGLOBAL Talata Volonondry MDG !

INDIA 3	11960 kHz	25 mb, 100 kW ERV CJSC Yerevan Gavar Armenia
DAY	TIME	LANGUAGE
Tuesday	0200-0215	English

Local Times Hong Kong +8hrs W/S Shanghai +8hrs W/S  
 Beijing +8hrs W/S Seoul +9hrs W/S

CHINA 1	17650 kHz	16 mb, 125 W, MGLOBAL Talata Volonondry MDG
DAY	TIME	LANGUAGE {not 17760 kHz}
Saturday	1200-1230	English

CHINA 2	11590 kHz	25 mb, 250 kW, DB Tajik Radio ORZU TJK
DAY	TIME	LANGUAGE
Sunday	1300-1330	Korean
Monday	1300-1330	English
Tuesday	1300-1330	English
Wednesday	1300-1330	English
Friday	1300-1315	English
	1315-1330	Korean
Saturday	1300-1330	Korean

Local Times Singapore +8h W/S Timor +9h W/S  
 Bali +8h W/S Jakarta +7h W/S

INDONESIA 1	21480 kHz	13 mb, 125 kW, MGLOBAL Talata Volonondry MDG
DAY	TIME	LANGUAGE
Sunday	1230-1245	Bahasa Indonesia

PAKISTAN 2	9370 kHz	31 mb, 100 kW, RRTM Telecom Tashkent UZB
DAY	TIME	LANGUAGE
Saturday	1200-1300	Urdu



NORTH KOREA	7520 kHz	41 mb, 100 kW, DB	Tajik Radio ORZU TJK
DAY	TIME	LANGUAGE	
Sunday	1830-1845	Korean	
Saturday	1830-1845	Korean	

<BVB\_B-21\_Winter\_Frequency\_Schedule\_2021\_Revised.pdf> after complaint to BVB, received revised issue of Nov 8th from Sarah Heather, bvb mail <<mail -at- bvbroadcasting.org>> (via Zenon Joao Teles-Goa-IND, Nov 8)

Difficult to transform - as always in past years - from PDF.colourful schedule format, into pure Word\_processor TEXT.format. Need, BVB file, need MBR Cologne request file, need Kostinbrod, Madagascar, Gavar Armenia, Orzu Tajikistan and Tashkent Uzbekistan request schedules. wb.

Dazzling colourful PDF format leaflet from far-away Canada bureau, with little knowledge of frequency organization managements. Only after a few hours of proofreading the data on November 9th, I put together the enclosed BVB B-21 table due to the request from Teles in Goa, with his tendency to open questions, demand plausible frequencies and meter bands.

(wb. wwdxc topnews Nov 10)

6070 kHz CFRX Toronto (Mississauga xmtr) ON; 1427 UT on Nov 23; "I-Heart Radio Talk Network"; 1430 UT "News-Talk 10-10 Time Saver Traffic" & "News-Talk 10-10 Weather" w/Lisa Morales. S8.  
(Harold Frodge-MI-USA, via WOR Nov 24)

**CHINA** - B21 schedule of CNR 1st program "Voice of China" DRM experimental transmission is as follows. Power all of 30 kW.

Beijing	2025-1805	6030	0deg	(except Tue 0600-0900)	ID 3FF
	0100-0900	13825	175deg	ID 3EA	
Dongfang Isl	0100-0900	11695	41deg	ID 3E8	
	0100-0900	17770	16deg	ID 3ED	
Kunming	0100-0400	15180	32deg	ID 2	
	0400-0800	17800	32deg	ID 2	
	0800-1100	15180	32deg	ID 2	
Qiqihar	0000-0400	13850	225deg	ID 1	
	0400-0900	11990	225deg	ID 1	
	0900-1200	13710	203deg	ID 1	
Urumuqi	2200-0100	9655	98deg	ID 3EC	
	0100-0800	17830	98deg	ID 3EC	
	0800-1200	9655	98deg	ID 3EC	

In A21 schedule also the CRI's experimental DRM frequencies were registered in HFCC 11995 / 12030 / 13715 / 15415 / 17815 kHz - Kunming 30kW 135deg ID 3F9. Actually "Voice of China" was broadcast on these frequencies.

Original article is at <<https://cahcn.github.io/drm/>>  
(Takahito Akabayashi-JPN, direct and WOR Nov 25)

Winter B-21 frequency changes of China Radio International:

0200-0227 NF 11740 XIA 100 kW / 292 deg to WAs Pashto, ex 11840  
0600-0657 on 11925 NNN 100 kW / 142 deg to SEAs English, additional  
0900-0957 on 9880 NNN 100 kW / 142 deg to SEAs Chinese, additional  
1130-1157 NF 5985 BEI 500 kW / 165 deg to SEAs Filipino, ex 5910  
1130-1157 on 7410 NNN 500 kW / 130 deg to SEAs Filipino, additional  
1130-1157 on 12070 NNN 500 kW / 130 deg to SEAs Filipino, additional  
1200-1227 on 9720 NNN 500 kW / 130 deg to SEAs Filipino, additional  
1200-1257 on 9620 BEI 500 kW / 193 deg to SEAs Vietnamese, additional  
1300-1357 NF 7385 KUN 100 kW / 225 deg to SEAs Burmese, ex 7400  
1300-1357 on 9730 NNN 100 kW / 142 deg to SEAs English, additional  
1400-1457 NF 7355 XIA 500 kW / 073 deg to EAs Japanese, ex 7395  
1400-1457 on 7445 KUN 100 kW / 225 deg to SEAs Burmese, ex 7400  
1430-1457 on 7325 NNN 500 kW / 130 deg to SEAs Filipino, additional  
1430-1457 on 11640 NNN 500 kW / 130 deg to SEAs Filipino, additional  
1500-1557 NF 6100 BEI 500 kW / 215 deg to SEAs Chinese, ex 5910  
1600-1657 NF 7410 KUN 500 kW / 283 deg to SAs Hindi, ex 7395  
1800-1857 NF 7240 BEI 500 kW / 318 deg to WEu English, ex 7405  
(DX MIX 1219)

**CUBA** - 6000 kHz Nov 11 at 0655 UT, RHC English still on here an hour later than during DST, S=9+30dB but

supported. 6060 kHz is S=9+10dB but English buried under humbuzz. 6100 kHz off. 6165 kHz S=9+20dB under-modulated. 5040 kHz best, S=9+20dB with normal modulation and in English.  
Some of these presumably stay on until 0800 now. Wolfgang Bueschel says 6000 kHz went off by 0702 UT and 5040 kHz was back to Spanish. (gh, hcdx and WOR Nov 12)

As usual on B-season RHC schedule

00-01 UT RHC Bauta in En noted on 5040 kHz Nov 12.

0000-0100 6000 QVC 250 kW 10degr azimuth EaNoAM  
Spanish Mon-Thur "Mesa Redonda" tonight, and S=6 harmonic on 12.000 kHz.

similar 5990 kHz channel of CRI Beijing in Spanish language via  
TITAN 250kW site from Quivican San Felipe, also S=6 on harmonic 11980 kHz

RHC Spanish at 00-01 UT Nov 12 on 9535BEJ, 9710BEJ, 11670BAU, 11760BAU  
and 11850QUI kHz  
(and accompanied sideband signal strings on 11840 and 11860 kHz also).  
(wb df5sx, wwdxc BC-DX TopNews Nov 12)

Full B-21 schedule of R. Habana Cuba 19 Nov 2021 - 27 March 2022:

Received an EXCEL file of Radio Habana Cuba B-21 schedule, coming into effect on November 17th, 2021;  
thanks to Peter Jones-UK, BrDXC-UK groups.io on Nov 19.

0000-0100	6000	QVC	250	10	ENAm	Spanish	Mo-Thur "Mesa Redonda" towards Washington DC.
0000-0100	11950	BAU	100	340	WNA	Spanish	Mo-Thur "Mesa Redonda" towards Chicago USA.
0000-0500	11670	BAU	100	130	SAm	Spanish	Rio de Janeiro
0000-0600	15230	QVC	250	160	SAm	Spanish	Buenos Aires ex11700
0000-0500	9650	BEJ	050	110	Antill	Spanish	Antilles ex9710 in B-20
0100-0500	6060	BAU	100	10	ENAm	Spanish	New York
0100-0600	6000	QVC	250	10	ENAm	English	Washington
0100-0700	6165	BAU	100	340	WNA	English	Chicago ex9700 kHz in B-20
0500-0700	6060	BAU	100	10	ENAm	English	New York
0500-0700	6100	BAU	100	310	WNA	English	San Francisco
0700-0730	6100	BAU	100	310	WNA	Esperanto	Sun only, San Francisco
1200-1400	6145	QVC	250	n-d	NCAm	Spanish	non-dir ex6000 kHz in B-20 TITAN Quivican San Felipe antenna HQ2/2/0.2 non-directional
1200-1400	11950	BAU	100	340	WNA	Spanish	Chicago ex6100 kHz in B-20
1200-1500	13740	BEJ	050	160	SAm	Spanish	Buenos Aires
1200-1600	9535	BEJ	100	230	CAm	Spanish	MEX-GTM-CTR-Panama
1200-1600	9710	BEJ	050	110	Ant	Spanish	Antilles ex9650 kHz in B-20
1200-1600	11760	BAU	100	n-d	NCAm	Spanish	non-directional
1200-1600	15140	BAU	100	130	SAm	Spanish	Rio de Janeiro
1300-1600	15230	QVC	250	305	SAm	Spanish	San Francisco
1400-1600	13700	BAU	100	310	WNA	Spanish	San Francisco
1600-1630	11760	BAU	100	n-d	NCAm	Esperanto	Sun only
1600-1630	15140	BAU	100	10	ENAm	Esperanto	New York Su only, irregular
1600-1630	11760	BAU	100	n-d	NCAm	Spanish	non-dir Mo-Sa
1600-1630	15140	BAU	100	10	ENAm	Spanish	New York Mo-Sa
1630-1800	11760	BAU	100	n-d	NCAm	Spanish	non-directional
1630-1900	15140	BAU	100	10	ENAm	Spanish	New York daily
1900-1930	15140	BAU	100	340	WNA	Arabic	Chicago
1930-2000	15140	BAU	100	340	WNA	Creole	Chicago
2000-2100	15140	BAU	100	340	WNA	English	Chicago
2100-2130	15140	BAU	100	340	WNA	French	Chicago
2030-2100	15370	BAU	100	40	WEu	French	Europe ex13680 in B-20 - A-2 antenna 10degr +30degr slewed
2100-2130	15370	BAU	100	40	WEu	Portuguese	Europe ex13680 in B-20
2130-2200	15370	BAU	100	40	WEu	Arabic	Europe ex13680 in B-20
2200-2400	15370	BAU	100	40	WEu	Spanish	Europe ex13680 in B-20
2100-2130	11880	BAU	100	100	SAf	French	Africa
2130-2200	11880	BAU	100	100	SAf	Portuguese	Africa
2200-2300	11880	BAU	100	100	SAf	English	Africa - antenna Bauta #3, HRS4/4/0.8, 130degr minus 30degr slewed
2200-0000	9650	BEJ	050	110	Antill	Spanish	Antilles
2200-0300	11760	BAU	100	n-d	NCAm	Spanish	non-directional
2200-0500	13740	BAU	100	160	SAm	Spanish	Buenos Aires
2200-0600	9535	BEJ	100	230	CAm	Spanish	tx #5 sometimes irregular on air, wb. MEX-GTM-CTR-Panama
2200-0600	11850	QVC	250	170	SAm	Spanish	Chile - and two accompanied spurs nearby on 11840 and 11860 kHz

2300-2330 15230 QVC 250 160 SAm Portuguese Buenos Aires ex11700  
 2330-2400 15230 QVC 250 160 SAm Portuguese Buenos Aires ex11700  
 2330-2400 15730 BEJ 050 135 SAm Esperanto Su only to Rio de Janeiro, Buenos Aires target.  
 2330-2400 15730 BEJ 050 135 SoAm French Mo-Sa to Rio de Janeiro, Buenos Aires target.  
 0000-0030 15730 BEJ 050 135 SoAm Creole Rio de Janeiro, Buenos Aires  
 0030-0100 15730 BEJ 050 135 SoAm Portuguese Rio de Janeiro, Buenos Aires

83 and 263 degrees CT2/1/0.8, TX #6  
 2200-2400 5040 BAU 100 n-d Cuba Spanish  
 0000-0100 5040 BAU 100 n-d Cuba English  
 0100-0130 5040 BAU 100 n-d Cuba Creole  
 0130-0200 5040 BAU 100 n-d Cuba French  
 0200-0600 5040 BAU 100 n-d Cuba Spanish  
 0600-0700 5040 BAU 100 n-d Cuba English

Transmitter sites: BAU Bauta BEJ Bejucal QVC Titan-Quivican San Felipe.

Transmitimos ademas las 24 horas en Internet a traves del portal <<http://www.radiohc.cu>>

Shortwave schedule of Radio Rebelde

0000-2400 5025 BAU 100 non-dir to Ce&SoAm Spanish

Shortwave schedule of Radio Progreso

0130-0500 4765 BEJ 50 non-dir to Cuba Caribbean Spanish

(RHC Excel file sent by RHC via Peter Jones-UK, BrDXC-UK groups.io Nov 19 transformed from Excel format to pure text format of 75 columns, by Michael Bethge-D, wwdxc Nov 19)

Radio Havana Cuba 9700 kHz instead of 6165 kHz, see Bauta entry:

[ 0100-0700 {6165} BAU 100kW 340degr WNAmerican English Chicago ex9700 kHz in B-20 season. ]

Radio Havana Cuba (RHC) English heard on 9700 kHz this morning, instead of 6165 kHz, from 0520 UTC tune-in. In // to regular strong 6000 kHz.

At 0600 UTC, 6000QUI and 9700BAU were joined by usual frequencies 5040BAU 6060BAU and 6100BAU kHz in English.

9700 kHz is difficult to hear here in the UK as Voice of Turkey uses 9700 kHz in Turkish 0400-0700 UT. But RHC was audible further west in USA on 9700 kHz using KiwiSDRs e.g. in Kansas or Colorado.

(RHC had used 9700 in B20 period for a few weeks from November 2020 but then had reverted to 6145 kHz, if I remember correctly). (Alan Pennington Caversham-UK, BrDXC-UK groups.io Nov 26)

re RHC new 9700 kHz from Bauta-CUB site. Nothing could be traced on Saturday Nov 27 on this channel at 01.00-02.00, nor at 06.00-07.00 UT, heard only some co-channels of China CNR1 jamming against US AGM Uighur from Kuwait relay site; and later 04-07 UT also TRT Emirler 9700.017 kHz on particular channel.

At 06-07 UT noted R Rebelde Bauta-CUB on 5024.997 kHz; and RHC English on 5040BAU even, 6000QUI even, 6060BAU all with S=9+15dB in Edmonton Alb-CAN Perseus\_net remotely. Latter did performe very BUZZ noise level of 11 x 120 Hertz mains modulation distance apart strings.  
 (wb df5sx, wwdxc BC-DX TopNews Nov 27)

Re: RHCuba, and French started at 2106 UT on 15370 kHz (instead of Portuguese) and 15140 kHz (as scheduled)

RHC in English at 2035 UT on 15140 kHz as scheduled and // 15370 kHz (instead of French).  
 (Jean Marie Aubier, France - WOR Nov 21)

Different printed Excel\_file B-21 schedule instead:

1900-1930	15140	BAU	100	340	WNAmerican	Arabic	Chicago
1930-2000	15140	BAU	100	340	WNAmerican	Creole	Chicago
2000-2100	15140	BAU	100	340	WNAmerican	English	Chicago
2100-2130	15140	BAU	100	340	WNAmerican	French	Chicago
2030-2100	15370	BAU	100	40	WEu	French	Europe ex13680 in B-20 - A-2 antenna 10degr +30degr slewed
2100-2130	15370	BAU	100	40	WEu	Portuguese	Europe ex13680 in B-20
2130-2200	15370	BAU	100	40	WEu	Arabic	Europe ex13680 in B-20
2200-2400	15370	BAU	100	40	WEu	Spanish	Europe ex13680 in B-20

(wb)

**CUBA (non)** - Cancelled transmissions of China Radio International (CRI) via Titan-Quivican:

0000-0057 on 15120 QVC 250 kW / 160 deg to SAm Spanish - missing in B-21 HFCC Database  
 1200-1230 on 9570 QVC 250 kW / 010 deg to ENAm Cantonese, only 30 mins, ex 1200-1300UT  
 1500-1557 on 15700 QVC 250 kW / 305 deg to WNAm English - missing in B-21 HFCC Database  
 (DX MIX 1219)

**ECUADOR** - 6050 kHz HCJB, via Pichincha, 0248-0256, 07 Nov, religious songs in Spanish. 35433.  
 (Manuel Mendez-Lugo-ESP, hcdx WOR Nov 7)

**EGYPT** - Observations of Radio Cairo in 31mb via SDR Tambov Russia remotely, November 23:

1500-1600 9440.0 ABS 125 kW 315 deg to EEU Albanian, better modulation  
 1700-1900 9940.0 ABS 125 kW 005 deg to NE/ME Turkish is inactive in B-21  
 1800-1900 9899.6vABS 125 kW 325 deg to WEU Italian, totally distorted  
 1900-2000 9510.0 ABS 125 kW 005 deg to EEU Russian is inactive in B-21  
 1900-1903 9899.6vABS 125 kW 325 deg to WEU German, totally distorted  
 from 1903 9809.6vABS 125 kW 325 deg to WEU 45 seconds dead air & off air  
 2000-2115 9885.0 ABS 125 kW 325 deg to WEU French, is inactive in B-21  
 2115-2245 9899.6vABS 125 kW 325 deg to WEU English, very low modulation  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Nov 25)

**ETHIOPIA** - Ethiopian radios missing ? Yes, and Intruder Band Watch of Amateur radio operators report a lot of broadcast intruder signal on hx 14220 kHz in past days.

7110 kHz Ethiopian service since 5. / 6. September 2021 on air again, has been not heard on that 7110 kHz frequency since April 2011, though 10 1/2 years inactive in service.

At the same time, the 4 regular Gedja-ETH channels are only irregular on air, 5950, 6030, 6090 and 6110 kHz only 1 - 2 TX on the air heard recently, as if they are currently are very incorrectly disturbed (?), and a 10 1/2 year old decommissioned 'FIXED frequency reserve transmitter' went back into operation as a replacement transmitter ?

7110 kHz is also early on air in the morning with Carrier from approx. 03.58z, Program feed activation about later at about 04.05z until the fade-out until 08.30 CEST / 06.30 UTC here in Europe.

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

6030 kHz Radio Oromiya, Addis Ababa, 1634-1652, 06 Nov, Vernacular, comments. 25322.

6090 kHz Voice of Amhara State, Addis Ababa, 1740-1810, 06 Nov, Vernacular comments, East African songs. 33433.

7110 kHz Radio Ethiopia, 1615-1650, 06 Nov, Vernacular, comments. Ham QRM. 33433. Also heard 0506-0526 UT, 07 Nov, Vernacular comments. 24322.

(Manuel Mendez-Lugo-ESP, hcdx WOR Nov 7)

**GERMANY** - B-21 Sendeplan Shortwave Service at Kall Germany. " ... in Deinen Hoerertipps hast Du beklagt, dass Dir kein aktueller Wintersendeplan fuer Kall vorliegt. Ich habe ihn weitgehend durchgehört (nicht Belarus am Abend, nicht Amathusia) und einige Programme auch mit Empfangsberichten bedacht. Es ist ja in unser aller Interesse, dass sie auch Resonanz via Kurzwelle haben.

Shortwaveservice Kall <<https://www.shortwaveservice.com>> bringt viele Auslandssendungen zurueck auf die Kurzwelle. Obwohl die Sendungen schon lange etabliert sind, werden sie von manchen Sendern wie Radio Ukraine International, Voice of Mongolia und Polskie Radio nicht angesagt bzw. auf den Websites nicht erwahnt. Dabei muesste es doch im ureigensten Interesse der Journalisten (Resonanz erzeugen) sein, alle Verbreitungswege bewerben und ggfs. bei den Webdesignern auf Aktualitaet zu achten.

Fuer den Winter 2021/22 gilt folgender Programmplan fuer Radio Slowakei International (RSI) und andere. Sofern nicht anders angegeben sind alle Sendungen in Deutsch. *Alle Zeiten in MEZ.*

1600-2400: 3985 kHz (1 kW, nondir)

1600-1620 Radio Vatikan

1620-1640 Radio Belarus (Spanisch)

1640-1700 Radio Belarus (Franzoesisch)

1700-1730 Radio Tirana

1730-1757 RSI (Franzoesisch)

1800-1900 Schweizer Radio Echo der Zeit

1900-2000 Radio Belarus (Englisch)

2000-2027 RSI  
 2030-2057 RSI (Franzoesisch)  
 2100-2200 Radio Belarus (Englisch)  
 2200-2400 Radio Belarus

1000-1800: 6005 kHz (1 kW, 10/190 degr)  
 1000-1100 Radio Ukraine International  
 1100-1127 RSI (Englisch)  
 1130-1200 Radio Prag  
 1200-1227 RSI  
 1230-1300 Schweizer Radio Rendez-vous  
 1300-1327 RSI (Englisch)  
 1330-1357 RSI (Franzoesisch)  
 1400-1430 Voice of Mongolia (Englisch), So Radio Amathusia (Niederlaendisch).  
 1430-1500 Radio Tirana (Englisch), So Radio Amathusia (Niederlaendisch)  
 1500-1527 RSI  
 1530-1557 RSI (Franzoesisch)  
 1600-1627 RSI (Spanisch)  
 1630-1657 RSI (Englisch)  
 1700-1730 Polskie Radio  
 1730-1757 RSI (Englisch)

0900-1900: 6085 kHz (1 kW, 120/300 degr) Radio Mi Amigo International

Zu Shortwaveservice Kall gehoert noch eine vorsorgliche Anmeldung unter SWS.

1000-1700: 6030 kHz (Kall 20 kW) {rather RTL Junglinster reserve unit}

Die Frequenz wurde 2019 zwei Mal fuer die Eifeler Radiotage belegt, im November 2019 aus Luxemburg. Der Senderbetreiber BCE bestaetigte seinerzeit Empfangsberichte, aber nur wenn sie ueber eine eigene Empfangsanlage erstellt wurden und nicht ueber WebSDRs.  
 (hjb, via wwdxc BC-DX TopNews Nov 7)

Celebrating five years of Shortwave Broadcasting Kall. Last Sunday, 31 October, it was exactly five years ago that Radio Mi Amigo International's shortwave transmitter first came online, broadcasting to Europe and beyond on 6085 kHz in the 49m 'Europa Band', located in a secure bunker deep underground in the German Eifel.

Initially (since 2015), the then still fledgling Radio Mi Amigo International only broadcasted during the weekends, on frequencies 6005, 3985 and 9650 kHz. But a cozy barbecue in the spring of 2016, which took place right under the antennas of the unique 'Sende Zentrum' in Kall-Krekel, Germany, became the birth of Radio Mi Amigo International as we know it today.

That evening, the station presented itself to the world in a 3-hour live program, not only via the antenna's in Kall, but also with an extra 100 kilowatts of power from a transmitter in Yerevan Gavar Armenia: the 'Shortwave Radio Event of the Year'. During the broadcast, reactions poured in from all over the world. Soon, plans arose for a dedicated transmitter that would broadcast 7 days a week on 6085 kHz shortwave in the 49-metre band.

Thanks to the great crew of ShortWave Service, on October 31, 2016, our own vintage SK1 Rhode & Schwarz transmitter on 6085 kHz went live. To this day, without any interruption, it is on the air every day, from 9 a.m. to 7 p.m. [CET]

Our website contains an extensive video tour of the wonderful Sende Zentrum in Kall, recorded by us on that memorable day when plans for our own station were born, 5 years ago. Highly recommended:

<<https://radiomiamigo.international/nederlands/sw-frequencies.html>>  
 (Newsletter, Radio Mi Amigo International, Nov 5)

"Funklust", campus broadcaster at Friedrich-Alexander-Universitaet Erlangen-Nuernberg, stands out as one of the radio stations with the most diverse transmission paths in the world. Recently, the station has revamped one of its digital broadcast paths: funklust in Digital Radio Mondiale (DRM) on shortwave is now broadcast using a new, modern transmitter.

Article here (also in German): <<https://www.audioblog.iis.fraunhofer.com/funklust-drm-shortwave>>  
 (via Mike Terry-UK, BrDXC-groups.io WOR Nov 22)

Re: "Funklust", campus broadcaster Nuernberg Erlangen Germany. This is the old bitXpres DRM station that was on-air for years on 15896 & 15785 kHz but apparently now with a new transmitter & content computer. They claim the new transmitter is 250 Watt (though the image at the top of the blog shows 1 kW). The former transmitter was 100 Watt.

I like the bit that says "the program can be received in New Zealand".

Over the years I've probably managed to decode a combined total of about 5 minutes of audio from their signals. It's a good "DRM DX" challenge though. Here in NZ they were easier to hear on the old 15896 kHz. 15785 kHz is plagued by China at the best reception times.

(Chris Mackerell-NZL, WOR Nov 22)

**GERMANY (non) - New time / new frequencies / new transmitters of NDR Christmas Gruss an Bord - Greetings on board in German via Media Broadcast on December 24, 2021**

1800-2100 NF 6080 UZB 100 kW / 301 deg to W/Central Europe, ex 6030/6155 ERV  
 1800-2100 NF 9610 OE 100 kW / 115 deg to Indian Ocean East, ex 9570/9675 OE  
 1800-2100 on 9740 N 125 kW / 130 deg to Indian Ocean West, ex 1900-2300 same  
 1800-2100 NF 9820 F 250 kW / 148 deg to Indian Ocean/SAF, ex 9800/9590 F  
 1800-2100 on 11650 N 100 kW / 205 deg to Southern Atlantic, ex 11650/9830 F  
 1800-2100 on 15770\*RMI 100 kW / 044 deg to Northern Atlantic, ex 6080/6145 N  
 \* instead of 15770 RMI 100 kW / 044 deg to Northern Atlantic Supreme Master TV!  
 (DX MIX, Dec 1)

**GERMANY [ARMENIA / BULGARIA / FRANCE / MADAGASCAR / TAJIKISTAN / USA / UZBEKISTAN] -**

**MEDIA BROADCAST GmbH (formerly T-SYSTEMS - DTK)**

B-21 period (31/10/2021 - 27/03/2022) operational MBR schedule of November 10th, 2021.

FREQ	START	STOP	CIRAF	AZI	TYP	DAY	LOC	kW	BRC	Lang
6130	1900	2000	37,38W	210	146	1234567	NAU	250	AWR	Ara
7225	2000	2030	46E,47W	185	216	1234567	NAU	250	AWR	Fra
7325	0430	0500	37,38W	210	216	1234567	NAU	250	AWR	Fra
7350	0300	0330	48	140	216	1234567	NAU	250	AWR	Tir
7410	1500	1530	41S	163	911	1234567	TAC	100	AWR	Tam
7410	1530	1600	41W	163	911	1234567	TAC	100	AWR	Hin
9460	1200	1300	44NE,45NW	90	911	1234567	TAC	100	AWR	Kor
9495	1930	2000	37,38W	210	216	1234567	NAU	250	AWR	Shi
9610	1000	1100	28W	180	216	1	NAU	125	AWR	Ita
9800	1230	1300	33S,43,44N	60	418	12345 7	DB	100	AWR	Yue
9800	1230	1300	33S,43,44N	60	418	6	DB	100	AWR	Cmn
9805	2130	2200	46SE	200	216	1234567	NAU	250	AWR	Twi
9860	0600	0630	46S	200	216	1234567	NAU	250	AWR	Fra
9875	1200	1300	44NE,45NW	65	879	1234567	DB	100	AWR	Kor
11640	0600	0630	46S	180	216	1234567	NAU	250	AWR	Fra
11870	1730	1800	48	142	216	1234567	NAU	250	AWR	Orm
11955	1630	1700	48	140	218	1234567	NAU	250	AWR	Tir
11980	0700	0800	37,38W	210	216	1234567	NAU	250	AWR	Ara
12040	1630	1700	48	140	216	1234567	NAU	250	AWR	Amh
15145	0830	0900	37,38W	210	218	1234567	NAU	250	AWR	Shi
15490	1630	1700	48	140	216	1234567	NAU	250	AWR	Som
15515	0200	0300	41NE	125	416	1234567	DB	100	AWR	Eng
15515	1400	1500	41NE	125	416	1234567	DB	100	AWR	Eng

and likely according BVB Canada schedule:

{5900?1930 1945 38E,39,40W 126 216 1234567 SOF 250 BVB Arab}  
 {5900?1945 2000 38E,39,40W 126 216 1234567 SOF 100 BVB Arab}

5935 1915 1930 39,40 130 216 1 NAU 250 BVB Eng  
 6080 1930 2015 39 130 216 1 NAU 125 BVB Eng  
 7365 1800 1900 39,40 105 216 5 NAU 100 BVB Farsi  
 7365 1800 1830 39,40 105 216 6 NAU 100 BVB Farsi  
 7365 1830 1900 39,40 105 216 1 3 NAU 100 BVB Farsi

and likely according BVB Canada schedule:

{ 75201830 1845 44NE,45NW 65 879 1 7 ORZ 100 BVB Korean  
 { 93701200 1300 38E,39,40W 131 911 7 TAC 250 BVB Urdu}

and likely according BVB Canada schedule:

{9400 1945 2000 38E,39,40W 195 616 1234567 SOF 250 BVB Arab}

9440 0600 0615 46,47,38,37 180 146 1234567 NAU 125 BVB Arab  
 9450 0500 0515 39,40 120 216 6 NAU 250 BVB Arab  
 9490 1710 1730 38E,39,40W 141 616 2 4 SOF 100 BVB Arab  
 and likely according BVB Canada schedule:  
 {9490?1730 1745 38E,39,40W 141 616 1234567 SOF 100 BVB Arab}

9715 1830 2000 39 115 218 1 MOS 100 BVB Eng  
 9715 1830 1930 39 115 218 7 MOS 100 BVB Eng  
 9715 1800 1815 39 115 218 6 MOS 100 BVB Eng  
 9715 1800 1830 39 115 218 5 MOS 100 BVB Eng

{and likely according BVB Canada schedule:  
 11590 1300 1330 43S,44S 65 879 1 7 ORZ 125 BVB Korean  
 11590 1300 1330 43S,44S 65 879 234 ORZ 125 BVB Eng  
 11590 1300 1315 43S,44S 65 879 5 ORZ 125 BVB Eng  
 11590 1315 1330 43S,44S 65 879 5 ORZ 125 BVB Korean}

and likely according BVB Canada schedule:  
 {116001545 1600 38E,39,40W 126 616 1234567 SOF 250 BVB Arab}

11790 1600 1630 38,39,47,48 142 218 1 NAU 100 BVB Oromo  
 11790 1630 1700 38,39,47,48 142 218 1 NAU 100 BVB Somali  
 11790 1700 1730 38,39,47,48 142 218 1 NAU 250 BVB Tigringa  
 11790 1730 1800 38,39,47,48 142 218 1 NAU 250 BVB Amharic  
 11790 1600 1630 38,39,47,48 142 218 2 NAU 100 BVB Oromo  
 11790 1600 1630 38,39,47,48 142 218 3 NAU 100 BVB Oromo  
 11790 1630 1730 38,39,47,48 142 218 3 NAU 100 BVB Amharic  
 11790 1730 1800 38,39,47,48 142 218 3 NAU 100 BVB Tigringa  
 11790 1630 1700 38,39,47,48 142 218 7 NAU 100 BVB Somali  
 11790 1730 1800 38,39,47,48 142 218 7 NAU 250 BVB Oromo  
 11790 1700 1730 38,39,47,48 142 218 4 NAU 100 BVB Amharic  
 11790 1730 1800 38,39,47,48 142 218 4 NAU 100 BVB Tigringa  
 11790 1700 1730 38,39,47,48 142 218 5 NAU 100 BVB Amharic

11790 0200 0230 41 50 218 5 MDC 100 BVB Eng  
 {or likely according BVB Canada schedule:  
 11790 0200 0230 41 100 218 5 ERV 100 BVB Eng}

11900 1400 1430 41 102 216 7 NAU 250 BVB Eng 1stSat p.M.  
 11900 1430 1500 41 102 216 7 NAU 250 BVB Eng

{or likely according BVB Canada schedule:  
 11960 0200 0215 41 125 218 3 ERV 100 BVB Eng}

15300 1430 1500 47,48 153 218 1234567 NAU 100 BVB Nuer  
 {likely according BVB Canada schedule:  
 15300 1430 1500 47,48 135 218 1234567 ISS 100 BVB Nuer}

17650 1200 1230 43S,44S 45 157 7 MDC 125 BVB Eng  
 21480 1230 1245 54 85 157 1 MDC 125 BVB BahasaIndonesian

9850 1800 1830 46,47 167 206 1234567 ISS 100 DAK Mu1  
 13590 0700 0800 46,47 185 218 1234567 NAU 125 DAK Mu1  
 9570 0630 0700 46,47W 175 216 1234567 ISS 500 DWL Hau  
 9570 1800 1900 46,47W 170 216 1234567 ISS 500 DWL Hau  
 9830 0630 0700 46,47W 165 211 1234567 ISS 500 DWL Hau  
 11830 1600 1700 48 130 216 1234567 ISS 500 DWL Amh  
 11980 1800 1900 46,47W 172 211 1234567 ISS 500 DWL Hau  
 15195 1425 1630 46,47W 168 217 7 ISS 500 DWL Hau 311021 061121  
 15195 1425 1630 46,47W 168 217 7 ISS 500 DWL Hau 201121 181221  
 15195 1425 1630 46,47W 168 217 7 ISS 500 DWL Hau 080122 220122  
 15195 1425 1630 46,47W 168 217 7 ISS 500 DWL Hau 050222 190322  
 15230 1400 1430 40E,41NW 100 218 1234567 NAU 250 DWL Prs 311021 120322  
 15230 1430 1500 40E,41NW 100 218 1234567 NAU 250 DWL Pus 311021 120322  
 15275 1600 1700 48 130 217 1234567 ISS 500 DWL Amh  
 15350 1425 1630 46,47W 175 217 7 ISS 500 DWL Hau 311021 061121  
 15350 1425 1630 46,47W 175 217 7 ISS 500 DWL Hau 201121 181221

15350	1425	1630	46,47W	175	217		7	ISS	500	DWL	Hau	080122	220122
15350	1425	1630	46,47W	175	217		7	ISS	500	DWL	Hau	050222	190322
17800	1300	1400	46,47W	172	217	1234567		ISS	500	DWL	Hau		
6055	1130	1200	27,28	222	146	1		7	NAU	125	EMG	Mu1	
9500	1530	1630	29S	100	146			7	NAU	100	HCJ	Mu1	
7330	1100	1200	27,28	270	805	1			MOS	100	JOY	Mu1	1stSun p.M.
5960	0000	0200	2-4,6-10	300	216	1			NAU	125	KBC	N1dEng	
6045	0900	1000	27E,28	240	146	1			NAU	125	KBC	N1dEng	(on-demand)
6095	0800	1600	18,27,28,37	240	156	1234567			NAU	100	KBC	N1dEng	(on-demand)
9475	0800	0900	27N,28S	230	146	1			NAU	125	KBC	N1dEng	(on-demand)
5985	0400	0430	10,11,12	222	805	1234567			RMI	100	NHK	Spa	
6000	1700	1900	38,39,40	140	216	1234567			NAU	250	NHK	Jpn	
6165	0430	0500	27,28	85	146	1234567			NAU	125	NHK	Rus	
7265	0300	0500	38,39,40	140	216	1234567			NAU	250	NHK	Jpn	
5945	1300	1400	45	66	418			7	TAC	100	PAB	Mu1	
5945	1630	1730	42,43,44	90	911	1			TAC	100	PAB	Mu1	
6060	1630	1730	41	163	911	1			TAC	100	PAB	Mu1	
6120	1600	1700	39	128	216	1			NAU	125	PAB	Mu1	
11800	1430	1445	41	94	218	1			NAU	250	PAB	Mu1	
6045	1100	1400	27E,28	233	156	1234567			NAU	100	RSZ	Mu1	(on-demand)
11610	1200	1400	27E,28	305	238	1234567			ERV	100	RSZ	Mu1	(on-demand)
9610	1700	1800	38,39,48	144	216	4			NAU	100	SBO	Mu1	
9610	1700	1730	38,39,48	144	216	1	6		NAU	100	SBO	Mu1	
5990	1000	1600	27E,28	233	146	1234567			NAU	125	SFZ	Mu1	(on-demand)
5935	1300	1400	27E,28NW	233	146	1234567			NAU	125	SKW	Mu1	(on-demand)
6140	0900	1000	27E,28NW	270	805	1			MOS	100	SKW	Mu1	1stSun p.M.
6095	1100	1200	27E,28	233	156			7	NAU	100	ST2	Deu	1stSat p.Q.
6045	1100	1400	27E,28	233	156	1234567			NAU	100	TSR	Mu1	(on-demand)

Day 1 = Sunday (!) ... Day 7 = Saturday (!)

List of Broadcasters which are 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  
 {ELL Eritrean Lowland League}  
 HCJ Reach Beyond (former Voice of the Andes) Sa only, 1530 UTC Russian, 1600 UTC Chechen language  
 JOY Radio Joystick, Germany, 1st Su, and sometimes at request.  
 KBC The Mighty KBC  
 {KRI Koode Radio International}  
 {MVB former Mecklenburg-Vorpommern Baltic Radio}  
 MWF Missionswerk Friedensstimme, Gummersbach - Germany  
 NHK Nippon Hoso Kyokai, Radio Japan World, Tokyo, Japan.  
 PAB Pan Am Broadcasting  
 R00 Radio Oeomrang, Amrum, Germany, only 21 Febr 2022 single day  
 {RSE former Radio Sinit Eritrea}  
 {RSL former Radio Sawtu Linjiila (former Lutheran World Federation).}  
 RSZ Radio60!  
 SBO Sagalee Bilisummaa Oromoo, Voice of Oromo Liberation. Berlin  
 SFZ Studio 52  
 SJK Radio Itahuka in Kirundi C/EAfrica Burundi-Rwanda on Sats.  
 Please send report to <QSL-Shortwave -at- media-broadcast.com>  
 SKW Foerderverein "Sender Koenigs Wusterhausen" e.V.  
 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 -at- media-broadcast.com

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

Einschraenkungen bei USAGM US-Sendern Biblis und Lampertheim in Hessen.

Bis heute betreibt der Auslandsrundfunk der USA zwei Kurzwellenstationen in Hessen (Biblis und Lampertheim), die auch als anderweitiger Stuetzpunkt der Betriebsdirektion dienen. Hier kam es zum 31. Oktober 2021 jedoch zu (mindestens) einer Einschraenkung, der weitere folgen koennten: Die fuer den Doppelstandort bereitgestellten Finanzmittel sollen gekuerzt werden.

<[https://www.radioeins.de/programm/sendungen/medienmagazin/radio\\_news/beitraege/2019/farda\\_kurzwelle.html](https://www.radioeins.de/programm/sendungen/medienmagazin/radio_news/beitraege/2019/farda_kurzwelle.html)>  
(Harald-Suess-AUT, via wwdxc BC-DX TopNews Nov 15)

VoA (Voice of America) in Kurdish B-21:

1400-1500 UT 15270 kHz via BIB // 15600 kHz via WOF

1700-1800 UT 7475 kHz via BIB // 9390 kHz via BIB // 9750 kHz via LAM

no more on air (since B-21), now wooden HFCC entries:

ex1900-2000 UT ex7225 kHz via BIB

ex7485 kHz via LAM // ex9750 kHz via BIB

(Alexander Busneag-D, via wwdxc BC-DX TopNews Nov 12)

Budget cuts ...

<<https://www.usagm.gov/wp-content/uploads/2021/06/USAGM-FY-2022-CBJ-Final-05.26.2021.pdf>>

See page #133 for VOA Kurdish.

And even more significant: TSI Germany, see page #137. I would not be surprised if one of the twin stations (I guess rather Biblis\*, because no one wants to cover Central Europe anymore while Lampertheim can at least cover also East Africa, with a pair of antennas built shortly after 1990 year for transmissions into the collapsing Yugoslavia).

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{* RFA Mandarin 1100-1200 UT on 15265 Biblis center;
    also on service recently past
    RFA Tibetan 0600-0700 UT on 17675BIB
    VOA Tibetan 1400-1500 UT on 17585BIB
    RFA Uyghur 0100-0200 UT on 9800BIB 1600-1700 UT on 15700BIB.
    and also RFE Mashaal Ashna Deewa Pashto, RL Uzbek, R Farda Persian,
    RL Turkmen sce; wb.}
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(Kai Ludwig-D, hcdx and WOR and direct Nov 12)

**GUAM / SRI LANKA** - The B21 schedule of AWR Wavescan from 31 Oct 2021 is as follows:

Sundays 1530-1600 UTC 15530 Trincomalee Sri Lanka, 15615 KSDA AWR Guam

Sundays 1600-1630 UTC 12040 KSDA AWR Guam, 17730 via MGLOBAL Talata Volonondry  
Madagascar relay facility

Sundays 2200-2230 UTC 12040 KSDA AWR Guam

Also many times via WRMI, KVOH, Voice of Hope Africa etc.

(via AWR Wavescan, Oct 31)

**INDIA** - The updated stations list of All India Radio Home Service is now available in:

<<https://prasarbharati.gov.in/radio-network/#1624538006454-720755eb-c107>>

(Jose Jacob-IND VU2JOS, DXindia via wwdxc BC-DX TopNews Nov 5)

The B21 schedule of AIR External Service is now available in their official website. Please see:

<<https://prasarbharati.gov.in/wp-content/uploads/2021/11/External-Services-03.11.21.pdf>>

(Jose Jacob-IND VU2JOS, DXindia via wwdxc BC-DX TopNews Nov 5)

AIR External Services extended from today 1 Dec 2021. All services that were off air except Russian, Sinhala & Thai resumed from today.. The restarted ones are Dari 0745-0830 11560, Pashto 1430-1545 9950 11620, 1430-1545 UTC, Farsi 1615-1730 9620, Arabic 1730-1930 9620. Jose Jacob

(Jose Jacob-IND VU2JOS, DXindia, Dec 1, 2021)

**IRAN** - IRIB-PARSTODAY via Sirjan site: only 3 TX available since 13 June, 2021. Since 22 Nov 2021, the German IRIB broadcast is again on air at 1723-1820 UT on 5940 kHz. In return, the Arabic IRIB transmission on 9800 kHz now ends at 1720 UTC (instead of 1730 UT).

(Alexander Busneag-D, via wwdxc BC-DX Topnews Nov 25)

**KOREAs** - 'Voice of the People' now on 9100 kHz. (ex 3480 kHz - ex Echo of Hope - VOH)

Recently Echo of Hope - VOH had not been heard on their regular alternating weekly frequencies of 9095-9100-9105 kHz. But today (Nov 19) for the first time I was instead hearing the programming of the Voice of the People on 9100 kHz; (ex: 3480 kHz), at 1002 UT, with a good signal (no North Korea jamming).

VOP: 3910 // 3930 // 4450 // 6520 // 6600 // 9100 kHz. So they are back to their full six frequencies.

VOP - Bodo (News) - 1002-1019 UT. Gohyang-e on pyeonji (A letter from home) - 1019 UT

Whereas, Echo of Hope - VOH, was heard on 3990 // 4885 // 6000 kHz (back on the air today) // 6250 // 6355 kHz, at 1030 UT. Is there a sixth frequency hiding some place?  
(Ron Howard-CA-USA, Nov 19)

'Voice of the People' rather 'Echo of Hope' on 9095 kHz, at 0117 UT Nov 26, with a good signal (no North Korea jamming).

01.24 UT VOP:  
3910 okay + jamming  
// 3930  
// 4450  
// 6520  
// 6600 kHz.

Echo of Hope - VOH, was heard on 3985 kHz  
// 4880  
// 5995  
// 6245  
// 6350  
// 9095 kHz at 0130 UT and at 11.04 UT on Nov 26.

Heard in Hiroshima, Japan.  
(wb df5sx, wwdxc BC-DX TopNews Nov 26)

**MEXICO** - 6185 kHz Radio Educacion, Ciudad de Mexico, 0520-0650 , 07 Nov, music, ID. at 0626 UT: "... Radio Educacion, ... y para todo el mundo, nuestra senal internacional de onda corta", Spanish, comments, classical music. 25322. (Manuel Mendez-Lugo-ESP, hcdx WOR Nov 7)

6184.969 XEPPM Radio Educacion Mexico D.F. program in Spanish language on S=6 level in NY state remotely, some strange noise tone program or technical test (?) performed at 07.03 UT, some various test tone like motor engine audio heard.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 27)

**NETHERLANDS** - Radio Onda new transmitter for 9520 kHz. Radio Onda plan to start testing 9520 next week: "The new transmitter has arrive!! From 9200 to 9900 kHz with ~500 watts. I will start to test in on site next Monday on 9520 kHz." (OndaShortwave on F\_B, BrDXC-UK groups.io 4 Nov)

Radio Onda, Belgium broadcasts from Borculo in the east of the Netherlands with mainly Brazilian music. Current frequency 6140 kHz. <<https://ondaasbl.wixsite.com/home>>  
(registered on HFCC B21 24hrs on both 6140 and 9520 kHz, though to date has been mostly just weekends, daytime. via Alan Pennington-UK Nov 5)

**NIGERIA** - 7255 kHz. Voice of Nigeria, Abuja Lugbo, 0612-0625 UT Nov 13, noted with man announcer with news program in the listed Hausa language. Several transmitter breaks knocking station off the air for short periods of time. Decent signal otherwise although the audio quality was quite poor.  
(Rich D'Angelo-PA-USA, via NASWA Electronic Flashsheet #1022 Nov 14)

11770 kHz. Voice of Nigeria, Abuja, on 08 Nov at 1830 UT, English. Station ID at 1830 UT "You are listening to the Voice of Nigeria" followed by website URL, then the news. Off abruptly at 1845 UT. 4/5/4/4/4. Nice clean signal.  
{11769.904 kHz S=8-9 in Germany Nov 20 17.25 UT English to 19.00 UT}  
(Bill McDavitt-FL, via NASWA Electronic Flashsheet #1022 Nov 14)

**PHILIPPINES** - FEBC Radio Teos on 9920 kHz via Bocaue, November 21

1500-1300 on 9920 BOC 100 kW / 323 deg to CeAs Russian Sun

1530-1545 on 9920 BOC 100 kW / 323 deg to CeAs Ukrainian Sun

1545-1600 on 9920 BOC 100 kW / 323 deg to CeAs Russian Sun

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

(DX MIX 1219)

**ROMANIA** - Radio Romania International transmitter malfunctions. ... Radiocom, the company that provides the broadcast of Radio Romania International programmes, announced the malfunction at the BD 300-1 transmitter from Tiganesti (near Bucharest), which transmits RRI shows. Radiocom is making efforts to fix the malfunction. Shortwave frequencies are affected for RRI shows in Romanian (azimut New York, and the Romanian Courier, broadcast on Sundays), English (azimut New York, San Francisco, Nairobi, London, Tokyo and to Australia), French (azimut Paris, Central Africa, Maghreb), German (azimuth Berlin), Spanish (azimuth Madrid, Buenos Aires), Russian (Azimuth Moscow, Novosibirsk), Arabic (Azimut Magreb and Mashrek) and Chinese (Azimut Beijing).

On the other hand, Radiocom announced that it had a mechanical malfunction in the Saftica, transmitter BD 100-1, which affected the shows in Italian, Serbian, Ukrainian and Aromanian dialect. The malfunction was partially repaired, but we cannot broadcast the shows with 30 degrees Kiev in Ukrainian. Radiocom assured that he is working to completely fix the malfunction from the Saftica transmitter.

We will keep you updated on the situation and invite you to receive RRI programs on the functional frequencies from Tiganesti (BD 300-2), Galbeni (ID 300-1 and ID 300-2), on the website (including on demand), on Sound-Cloud, on applications, through Tuneln and satellite.

(Radio Romania International F\_B page 1200, 8 Nov 2021 - translated from Romanian; English schedule of RRI for B21 season is on page 29 of November's Communication; via Alan Pennington-UK, BrDXC-UK io-gr Nov 8)

**SPAIN** - 12030 REE Noblejas in Castellano noted fair S=8 level at 2300-2400 UT on NoAM log in Rochester-NY, CA and Alberta-CAN, 23-24 UT Nov 23. (wb df5sx, wwdxc BC-DX TopNews Nov 23)

9690 kHz Monday November 22 at 2300 UT, REE token English is VG via Maryland remote; first news leading with more vulcanism at La Palma; circa 2310 UT Justin Coe's feature celebrating St. Cecelia today, mostly early music such as Josquin des Prez and Tomas Luis de Victoria, but 2327 UT concluding with Watermelon Slim, "She Makes Me Earn My Money". (gh, hcdx and WOR Nov 22)

Radio Exterior de España, scheme B-21 (developed) Broadcast schedule B-21 of Radio Exterior de España, corresponding to October 31, 2021 and valid until Sunday, March 26, 2022:

1400-2300 11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M (Saturday and Sunday)

1600-2400 11685 AF, N-ATL; 12030 OR-M (Monday to Friday)

1900-2400 11940 S-AM; 9690 N-AM (Monday to Friday)

0000-0300 11940 S-AM; 9690 N-AM (Tuesday to Saturday)

Taking into account that the broadcast is fundamentally in Spanish, although there are spaces in other languages ??(Arabic, English, French, Portuguese and Russian).

(Antonio Buitrago, director of REE)

If we develop the scheme and order it by schedule, it looks like this:

0000-0030	11940 S-AM; 9690 N-AM	Portuguese	Monday to Friday
0030-0300	11940 S-AM; 9690 N-AM	Spanish	Monday to Friday
1400-2230	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Spanish	Saturday and Sunday
1600-1730	11685 AF, N-ATL; 12030 OR-M	Spanish	Monday to Friday
1730-1800	11685 AF, N-ATL; 12030 OR-M	Arab	Monday to Friday
1800-1830	12030 OR-M	Spanish	Thursday
1800-1830	11685 AF, N-ATL	Portuguese	Monday to Friday
1800-1830	12030 OR-M	Russian	Monday, Wednesday, Friday
1800-1830	12030 OR-M	Sephardic	Tuesday
1830-1900	11685 AF, N-ATL; 12030 OR-M	Spanish	Monday to Friday
1900-2230	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Spanish	Monday to Friday
2230-2300	12030 OR-M	Arab	Monday to Friday
2230-2300	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Spanish	Saturday
2230-2300	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM	Spanish	Monday to Friday
2230-2300	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Sephardic	Sunday
2300-2330	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Spanish	Thursday
2300-2330	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	English	Monday, Wednesday, Friday
2300-2330	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Sephardic	Tuesday
2330-2400	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	Spanish	Tuesday, Thursday
2330-2400	11685 AF, N-ATL; 11940 S-AM; 9690 N-AM; 12030 OR-M	French	Monday, Wednesday, Friday

(REE)

**TURKEY - VOICE OF TURKEY B-21**, closed 5 language sections in Oct. 2021

VOICE OF TURKEY B-21, current schedule: <<http://ab27.bplaced.net/trt.pdf>>

VOICE OF TURKEY A-21, old schedule for documentation purposes: <<http://ab27.bplaced.net/trt-old.pdf>>

At the beginning of Oct. 2021, more than four weeks before the start of B-21 season, 5 TRT language sections were closed and their websites were deleted:

- Portuguese
- Japanese
- Malay
- Hausa
- Swahili

The gaps in the program schedule are now filled with music. The former Portuguese and Japanese services had been broadcasting only via Satellite or Internet. Malay, Hausa and Swahili had been broadcasting also via shortwave. Four years ago (in B-17), TRT had extended its shortwave broadcasting schedule accordingly.

The B-21 frequencies for Malay 0500-0600 UTC (17530 kHz) as well as for Hausa / Swahili 0600-0800 UT (15235 kHz) continue to remain on air, transmitting non-stop Turkish music.

The Voice of Turkey is currently broadcasting 24 hours per day in Turkish language (TSR Service, for 20 hours per day also on SW), as well as in 31 foreign languages. Broadcasts in 21 foreign languages can also be received via ShortWave (Arabic, Azeri, Bulgarian, Chinese, Dari / Pashto / Afghani Uzbek, English, French, Georgian, German, Italian, Kazakh, Persian, Russian, Spanish, Tatar, Turkmen, Urdu, Uyghur, Uzbek); while broadcasts in 10 foreign languages can only be received via Satellite and Internet (60 min shows in Greek and Albanian; 30 min shows in Bosnian, Croatian, Hungarian, Armenian, Kyrgyz, Macedonian, Romanian, Serbian).

TRT has an overview of all websites of the Radio Services from the Voice of Turkey:  
<<http://www.trtvotworld.com/>>

It has to be mentioned that the Arabic, German, English, and Russian radio sections have no access to their websites any more, since their websites have been taken over by the TRT WORLD offer (with TV and video productions) in these languages.

(Alexander Busneag-D, WOR Nov 12)

**UNITED KINGDOM (non) - Winter B-21 frequency changes of BBC:**

0000-0030	NF	17800	PHT	250	kW	/	283	deg	to	SEAs	Burmese,	ex	15310	
0000-0100	NF	5875	ERV	300	kW	/	100	deg	to	SAs	English,	ex	5845	
0000-0100	NF	5980	SLA	250	kW	/	063	deg	to	SAs	English,	ex	5970	
0100-0200	NF	5980	SLA	250	kW	/	063	deg	to	SAs	English,	ex	5945	ERV
0200-0230	NF	7445	SLA	250	kW	/	035	deg	to	WAs	Pashto,	ex	WOF	
0230-0300	NF	7445	SLA	250	kW	/	035	deg	to	WAs	Dari,	ex	WOF	
0300-0330	NF	11870	ERV	300	kW	/	100	deg	to	WAs	Pashto,	ex	7445	
0300-0400	NF	5945	DHA	250	kW	/	255	deg	to	CEAf	Arabic,	ex	5995	
0300-0500	NF	7425	WOF	250	kW	/	140	deg	to	CEAf	Arabic,	ex	5875	
0400-0430	NF	13790	MDC	250	kW	/	000	deg	to	EAF	Somali,	ex	11995	
0400-0430	NF	15420	DHA	250	kW	/	225	deg	to	EAF	Somali,	ex	13790	
0400-0500	NF	9510	SLA	250	kW	/	320	deg	to	CAs	English,	ex	7285	
0430-0500	on	13850	ERV	300	kW	/	100	deg	to	WAs	Dari,	new	in	B-21
0430-0500	on	15310	DHA	250	kW	/	045	deg	to	WAs	Dari,	new	in	B-21
0500-0530	on	13850	SLA	250	kW	/	063	deg	to	WAs	Pashto,	new	in	B-21
0500-0530	on	15310	SLA	250	kW	/	035	deg	to	WAs	Pashto,	new	in	B-21
0500-0600	NF	6005	SMG	250	kW	/	195	deg	to	WAF	English,	ex	5875	
0500-0700	NF	7285	ASC	125	kW	/	027	deg	to	WAF	English,	ex	6005	
0500-0600	on	6195	WOF	250	kW	/	160	deg	to	CEAf	English,	ex	ASC	
0500-0600	on	9740	WOF	250	kW	/	140	deg	to	ECAf	Kirundi	Sat,	additional	
0500-0600	NF	13865	MDC	250	kW	/	265	deg	to	SAf	English,	ex	12095	
0500-0600	NF	15335	DHA	250	kW	/	255	deg	to	CEAf	Arabic,	ex	12015	
0500-0600	NF	15420	DHA	250	kW	/	225	deg	to	ECAf	English,	ex	13860	
0500-0600	NF	15490	DHA	250	kW	/	225	deg	to	ECAf	Kirundi	Sat,	ex	13790
0500-0600	NF	17815	ERV	300	kW	/	192	deg	to	ECAf	Kirundi	Sat,	ex	15490
0529-0600	on	9740	WOF	250	kW	/	140	deg	to	ECAf	Kirundi	Sun,	additional	
0529-0600	NF	15490	DHA	250	kW	/	225	deg	to	ECAf	Kirundi	Sun,	ex	13790
0529-0600	NF	17815	ERV	300	kW	/	192	deg	to	ECAf	Kirundi	Sun,	ex	15490
0530-0600	on	13850	SLA	250	kW	/	063	deg	to	WAs	Dari,	new	in	B-21
0530-0600	on	15310	SLA	250	kW	/	035	deg	to	WAs	Dari,	new	in	B-21
0600-0629	NF	9820	ASC	250	kW	/	070	deg	to	NoAf	French,	ex	7305	

0600-0630 on 13850 SLA 250 kW / 063 deg to WAs Pashto, new in B-21  
 0600-0630 on 15310 SLA 250 kW / 035 deg to WAs Pashto, new in B-21  
 0600-0700 on 7445 WOF 250 kW / 180 deg to WAF English, ex ASC  
 0600-0700 NF 9410 WOF 300 kW / 152 deg to CAF English, ex 7325  
 0600-0700 NF 12095 SAO 100 kW / 138 deg to SAF English, ex 9410  
 0600-0700 NF 13865 SMG 250 kW / 169 deg to CAF English, ex 12095  
 0600-0700 NF 15335 DHA 250 kW / 260 deg to CEAF Arabic, ex 15315  
 0600-0700 NF 15420 MDC 250 kW / 315 deg to ECAF English, ex 13860  
 0600-0700 NF 17640 MDC 250 kW / 265 deg to CEAF English, ex 15400  
 0629-0700 NF 17815 DHA 250 kW / 260 deg to WAF Hausa, ex 17830  
 0630-0700 on 13850 SLA 250 kW / 063 deg to WAs Dari, new in B-21  
 0630-0700 on 15310 SLA 250 kW / 035 deg to WAs Dari, new in B-21  
 0700-0729 NF 11660 ASC 250 kW / 070 deg to CAF French, ex 17830 DHA  
 0700-0730 on 13850 SLA 250 kW / 063 deg to WAs Pashto, new in B-21  
 0700-0730 on 15310 SLA 250 kW / 035 deg to WAs Pashto, new in B-21  
 0700-0800 NF 9410 SAO 100 kW / 335 deg to WAF English, ex 7325  
 0700-0800 NF 9745 SAO 100 kW / 088 deg to CAF English, ex 9410  
 0700-0800 NF 12095 ASC 125 kW / 027 deg to WAF English, ex 9915  
 0700-0800 NF 15400 SAO 100 kW / 138 deg to SAF English, ex 12095  
 0700-0800 NF 17640 MDC 250 kW / 265 deg to CEAF English, ex 15400  
 0700-0800 NF 17830 SMG 250 kW / 170 deg to CAF English, ex 15490  
 0730-0800 on 13740 SLA 250 kW / 063 deg to WAs Dari, new in B-21  
 0730-0800 on 15310 SLA 250 kW / 035 deg to WAs Dari, new in B-21  
 0800-0830 on 13740 SLA 250 kW / 063 deg to WAs Pashto, new in B-21  
 0800-0830 on 15310 SLA 250 kW / 035 deg to WAs Pashto, new in B-21  
 0800-0900 on 15620 SNG 100 kW / 315 deg to SAs English DRM+  
 0830-0900 NF 13740 SLA 250 kW / 035 deg to WAs Dari, ex 12065  
 0900-0930 NF 13740 SLA 250 kW / 035 deg to WAs Pashto, ex 12065  
 0930-1000 NF 13740 SLA 250 kW / 035 deg to WAs Dari, ex 12065  
 1000-1030 NF 13740 SLA 250 kW / 035 deg to WAs Pashto, ex 12065  
 1030-1100 NF 13740 SLA 250 kW / 035 deg to WAs Dari, ex 12065  
 1100-1130 NF 13740 SLA 250 kW / 035 deg to WAs Pashto, ex 12065  
 1100-1130 NF 17745 DHA 250 kW / 225 deg to EAF Somali, ex 15420  
 1100-1130 NF 21470 MDC 125 kW / 350 deg to EAF Somali, ex 17745  
 1130-1200 on 13740 SLA 250 kW / 035 deg to WAs Dari, new in B-21  
 1200-1400 on 13740 SLA 250 kW / 035 deg to WAs Pashto, new in B-21  
 1200-1230 NF 17830 WOF 125 kW / 170 deg to NAF French, ex 15490  
 1200-1230 NF 21630 ASC 250 kW / 070 deg to CeAF French, ex 17765  
 1330-1430 on 5845 SNG 100 kW / 340 deg to SEAs Burmese DRM, new in B-21  
 1400-1430 NF 21490 ASC 125 kW / 055 deg to WAF Hausa Mo - Fr, ex 15400  
 1400-1430 on 21630 WOF 250 kW / 165 deg to WeAF Hausa Mo-Fr, ex DHA  
 1400-1500 on 11725 SLA 250 kW / 035 deg to WAs Dari, new in B-21  
 1400-1500 NF 12065 MDC 125 kW / 000 deg to EAF Somali, ex 12095  
 1400-1500 NF 15420 DHA 250 kW / 225 deg to EAF Somali, ex 17745  
 1400-1500 NF 21470 SMG 250 kW / 130 deg to EAF Somali, ex 15420 SCB  
 1500-1600 on 9910 SCB 100 kW / 090 deg to WAs Pashto, new in B-21  
 1500-1600 on 17830 ASC 125 kW / 085 deg to CAF English from December 24  
 1500-1700 NF 12065 SCB 050 kW / 195 deg to EAF Somali Sat Premier League, ex 12095  
 1500-1700 on 17745 WOF 250 kW / 126 deg to EAF Somali Sat Premier League, additional  
 1500-1700 on 21470 ASC 250 kW / 085 deg to EAF Somali Sat Premier League, additional  
 1600-1700 NF 21630 ASC 125 kW / 114 deg to SAF English, ex 12065 DHA  
 1600-1630 on 9910 SCB 100 kW / 090 deg to WAs Dari, new in B-21  
 1630-1700 NF 7265 SLA 125 kW / 080 deg to SAs Bengali, ex 7285  
 1630-1700 on 9910 SCB 100 kW / 090 deg to WAs Pashto Mo-Fr, new in B-21  
 1630-1700 on 9910 SCB 100 kW / 090 deg to WAs Dari Sa/Su, new in B-21  
 1700-1800 on 7550 SCB 100 kW / 090 deg to WAs Dari, new in B-21  
 1700-1930 on 12065 WOF 250 kW / 152 deg to WAF Hausa Sa Premier League, additional  
 1730-1750 NF 9800 SMG 250 kW / 130 deg to EAF Amharic Mo-Fr, ex 7425  
 1730-1750 NF 12065 DHA 250 kW / 230 deg to EAF Amharic Mo-Fr, ex 12095  
 1750-1810 NF 9800 SMG 250 kW / 130 deg to EAF Afan Oromo Mo-Fr, ex 7425  
 1750-1810 NF 12065 DHA 250 kW / 230 deg to EAF Afan Oromo Mo-Fr, ex 12095  
 1810-1830 NF 9800 SMG 250 kW / 130 deg to EAF Tigrinya Mo-Fr, ex 7425  
 1810-1830 NF 12065 DHA 250 kW / 230 deg to EAF Tigrinya Mo-Fr, ex 12095  
 1800-1830 NF 7295 WOF 250 kW / 170 deg to NAF French, ex 6080  
 1800-1830 NF 11660 SMG 100 kW / 210 deg to WAF French, ex 7220  
 1800-1900 on 7550 SCB 100 kW / 090 deg to WAs Pashto, new in B-21  
 1800-1900 on 9410 ASC 250 kW / 085 deg to SAF English, ex DHA

1800-1900 on 11810 WOF 125 kW / 158 deg to CAf English, ex ASC  
 1830-1850 NF 9705 SMG 250 kW / 130 deg to EAF Amharic Mo-Fr, ex 7425  
 1850-1910 NF 9705 SMG 250 kW / 130 deg to EAF Afan Oromo Mo-Fr, ex 7425  
 1910-1930 NF 9705 SMG 250 kW / 130 deg to EAF Tigrinya Mo-Fr, ex 7425  
 2000-2100 on 11810 WOF 250 kW / 158 deg to CAf English, ex ASC  
 2200-2400 NF 5890 SNG 250 kW / 013 deg to EAs English, ex 5845  
 (DX MIX 1219)

**U.S.A.** - 7505 kHz WRNO, 0402 till past 0610+ UT on Nov 6. New schedule (ex:0400\*); at 0402 UT, ID ("7-5-0-5") and WRNO contact info in Hindi; into preaching in Hindi till 0502; ID ("75-05") and contact info in English; into preaching in English; still on the air at 0610 UT. (Ron Howard, Asilomar State Beach-CA-USA; Nov 6)

7505 kHz on Nov 7 at 0630 UT, WRNO again on expanded schedule, gospel huxter in English, S9-S7. Ron Howard was still hearing it until 1300 UT in Chinese, English by 1305 UT. I check at 1551 UT when it's off; until 1400 UT, or 1500 UT ? (gh, WOR Nov 10)

WRNO New Orleans LA 7505 kHz at 1305+ UT in non-Mandarin Chinese, perhaps Cantonese but signal steadily worsening by the minute. See log from Glenn's summary below. WWCR Nashville TN 7490 kHz at the same time loud and clear. Nov 11. (Liz Cameron-USA, WOR Nov 11)

9975 kHz Nov 14 at 0253 UT, KVOH with jazz at S=9+30dB. New sked  
 <[http://www.voiceofhope.com/schedule/kvoh\\_program\\_grid.pdf](http://www.voiceofhope.com/schedule/kvoh_program_grid.pdf)>  
 shows Pat Conrad's 'Jazz Session' gets only this one hour per week, UT Sun 0200-0300 UT; followed by 0300 UT 'Wavescan' which also airs UT Tue. Total 9975 kHz span is 02-07 except UT Monday.  
 (gh, hcdx and WOR Nov 14)

**U.S.A. (non)** - Winter B-21 shortwave schedule of US private religious stations:

*CBB Caribbean Beacon Anguilla - inactive at present*

0000-1000 on 6090 AIA 100 kW / 320 deg to CAm English University Network  
 1000-2200 on 11775 AIA 100 kW / 320 deg to CAm English University Network  
 2200-2400 on 6090 AIA 100 kW / 320 deg to CAm English University Network

*T8WH Angel 4 Medorn*

0800-0935 on 15680 HBN 100 kW / 270 deg to SEAs English Hope Radio Sa  
 0110-0220 on 15680 HBN 100 kW / 270 deg to SEAs English Hope Radio Su  
 0810-0920 on 15680 HBN 100 kW / 270 deg to SEAs English Hope Radio Su

*T8WH Angel 5 Medorn*

0800-0835 on 9965 HBN 100 kW / 345 deg to NEAs English Hope Radio Mo-Fr  
 0800-0935 on 9965 HBN 100 kW / 345 deg to NEAs English Hope Radio Sa  
 0810-1105 on 9965 HBN 100 kW / 345 deg to NEAs English Hope Radio Su

*World Christian Broadcasting KNLS The New Life Station Anchor Point*

0800-0900 on 6075 NLS 100 kW / 270 deg to SEAs English tx#2  
 0800-0900 on 7370 NLS 100 kW / 285 deg to EAs Chinese tx#1  
 0900-1000 on 9540 NLS 100 kW / 300 deg to NEAs Russian tx#2  
 0900-1000 on 7370 NLS 100 kW / 285 deg to EAs Chinese tx#1  
 1000-1100 on 9680 NLS 100 kW / 270 deg to SEAs English tx#2  
 1000-1100 on 9715 NLS 100 kW / 285 deg to EAs Chinese tx#1  
 1100-1200 on 9570 NLS 100 kW / 300 deg to NEAs Russian tx#2  
 1100-1200 on 9720 NLS 100 kW / 285 deg to EAs Chinese tx#1  
 1200-1300 on 9580 NLS 100 kW / 270 deg to SEAs English tx#1  
 1200-1300 on 9625 NLS 100 kW / 270 deg to SEAs English tx#2  
 1300-1400 on 7395 NLS 100 kW / 300 deg to NEAs Chinese tx#1  
 1300-1400 on 9535 NLS 100 kW / 300 deg to NEAs Chinese tx#2  
 1400-1500 on 6110 NLS 100 kW / 270 deg to SEAs English tx#2  
 1400-1500 on 9535 NLS 100 kW / 300 deg to NEAs Chinese tx#1  
 1500-1600 on 9465 NLS 100 kW / 300 deg to NEAs Russian tx#2  
 1500-1600 on 9570 NLS 100 kW / 300 deg to NEAs Chinese tx#1

*World Christian Broadcasting KNLS Madagascar World Voice Mahajanga*

1800-1900 on 9885 MWV 100 kW / 355 deg to EEu Russian tx#2 KNLS New Life Station  
 1800-1900 on 13670 MWV 100 kW / 310 deg to WAF English tx#3 African Pathways Radio  
 1900-2000 on 9845 MWV 100 kW / 355 deg to EEu Russian tx#2 KNLS New Life Station  
 1900-2000 on 13670 MWV 100 kW / 340 deg to N/ME Arabic tx#3 Radio Feda

2000-2100 on 11965 MWV 100 kW / 295 deg to CAf English tx#3 African Pathways Radio  
 2000-2100 on 13710 MWV 100 kW / 355 deg to N/ME Arabic tx#2 Radio Feda  
 2100-2200 on 9765 MWV 100 kW / 265 deg to SAm Portug. tx#3 Palavra Alegre  
 2100-2200 on 11610 MWV 100 kW / 325 deg to WEu Chinese tx#2 The Light of Life  
 0300-0400 on 6180 MWV 100 kW / 265 deg to SAm Spanish tx#2 La Voz Alegre  
 0300-0400 on 13760 MWV 100 kW / 040 deg to SAs English tx#3 KNLS New Life Station  
 0400-0500 on 11825 MWV 100 kW / 295 deg to CAf English tx#2 African Pathways Radio  
 0400-0500 on 17530 MWV 100 kW / 055 deg to EAs Chinese tx#3 The Light of Life

*KVOH Voice of Hope America Rancho Simi*

0200-0700 on 9975 VOH 100 kW / 100 deg to CAm English Tue-Su  
 1500-2000 on 17775 VOH 100 kW / 100 deg to CAm Spanish Mo-Fr, inactive at present  
 2000-2200 on 17775 VOH 100 kW / 100 deg to CAm Spanish Tue/Thu, inactive at present  
 1600-2100 on 17775 VOH 100 kW / 100 deg to CAm English Sa, inactive at present  
 0000-0200 on 9975 VOH 100 kW / 100 deg to CAm Spanish Tue-Su, inactive at present

*Voice of Hope Africa Lusaka*

0400-0800 on 9680 LUV 100 kW / 000 deg to SAf English Daily tx#1  
 0400-0800 on 11680 LUV 100 kW / 315 deg to WAf English Daily tx#2  
 1200-1400 on 9680 LUV 100 kW / 000 deg to SAf Swahili Daily tx#1  
 1400-1600 on 6065 LUV 100 kW / 315 deg to WAf English Daily tx#2  
 1400-1600 on 9680 LUV 100 kW / 000 deg to SAf English Daily tx#1  
 1600-2100 on 4965 LUV 100 kW / 000 deg to SAf English Daily tx#1  
 1600-2100 on 6065 LUV 100 kW / 315 deg to WAf English Daily tx#2

*WBCQ-1 The Planet Monticello*

0000-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Mo Show with Harry Shearer  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Mo Voice of Revival  
 0200-0430 on 7490vBCQ 050 kW / 245 deg to LAm English Mo Brother Stair  
 1700-2000 on 7490vBCQ 050 kW / 245 deg to LAm English Daily Brother Stair  
 2000-2100 on 7490vBCQ 050 kW / 245 deg to LAm English Mo/Wed-Su Brother Stair  
 2100-2200 on 7490vBCQ 050 kW / 245 deg to LAm English Mo-Fr Financial Survival  
 2200-2300 on 7490vBCQ 050 kW / 245 deg to LAm English Mo The Remnant Ministry  
 2300-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Mo Allan&Angela Weiner WW(rep)  
 0000-0030 on 7490vBCQ 050 kW / 245 deg to LAm English Tue Uncle Bill's Melting Pot  
 0030-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Tue Camp Constitution Radio  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Tue From the Isle of Music  
 0200-0300 on 7490vBCQ 050 kW / 245 deg to LAm English Tue-Sa The Hal Turner Show  
 0300-0400 on 7490vBCQ 050 kW / 245 deg to LAm English Tue-Sa Brother Stair  
 0400-0430 on 7490vBCQ 050 kW / 245 deg to LAm English Tue-Sa Late Nite in Heartland  
 2000-2100 on 7490vBCQ 050 kW / 245 deg to LAm English Tue Pirate Joe Extravaganzo  
 2200-2300 on 7490vBCQ 050 kW / 245 deg to LAm English Tue Allan&Angela Weiner WW(rep)  
 2300-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Tue Allan&Angela Weiner WW(rep)  
 0000-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Wed Alan Sane  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Wed Tom Call Theater  
 2200-2230 on 7490vBCQ 050 kW / 245 deg to LAm English Wed World of Radio  
 2230-2300 on 7490vBCQ 050 kW / 245 deg to LAm English Wed Goddess Irena 1 Mx Show  
 2300-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Wed Allan&Angela Weiner WW(rep)  
 0000-0130 on 7490vBCQ 050 kW / 245 deg to LAm English Thu Just Right  
 0130-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Thu Americana Music Program  
 2200-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Thu Amateur Radio Roundtable  
 0000-0030 on 7490vBCQ 050 kW / 245 deg to LAm English Fr Country Music Program  
 0030-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Fr Camp Constitution Radio  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Fr Christian Missionary Radio  
 2200-2300 on 7490vBCQ 050 kW / 245 deg to LAm English Fr Behavior Night  
 2300-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Fr Tom Call Theater  
 0000-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Sa FKB Radio Sermon Time  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Sa Allan&Angela Weiner WW  
 2100-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Sa Brother Stair  
 0000-0100 on 7490vBCQ 050 kW / 245 deg to LAm English Su Brother Stair  
 0100-0200 on 7490vBCQ 050 kW / 245 deg to LAm English Su Allan&Angela Weiner WW(rep)  
 0200-0430 on 7490vBCQ 050 kW / 245 deg to LAm English Su Shortwave Saturday Night  
 2100-2200 on 7490vBCQ 050 kW / 245 deg to LAm English Su Brother Stair  
 2200-2300 on 7490vBCQ 050 kW / 245 deg to LAm English Su Marion's Attic  
 2300-2400 on 7490vBCQ 050 kW / 245 deg to LAm English Su Uncle Bill's Melting Pot

*WBCQ-2 The Planet Monticello, inactive at present*

0000-2400 on 3265vBCQ 050 kW / 245 deg to LAm English Daily Brother Stair

*WBCQ-3 The Planet Monticello*

0000-2400 on 4790vBCQ 050 kW / 245 deg to LAm English Daily Brother Stair

*WBCQ-4 The Planet Monticello*

0000-0200 on 6160vBCQ 050 kW / 245 deg to LAm English Tue Area 61 Old Time Radio  
 0200-0300 on 6160vBCQ 050 kW / 245 deg to LAm English Tue-Sa The Hal Turner Show  
 0300-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Tue Available Time Slot  
 0400-0500 on 6160vBCQ 050 kW / 245 deg to LAm English Tue-Sa Late Nite in Heartland  
 0000-0100 on 6160vBCQ 050 kW / 245 deg to LAm English Wed Area 61 Old Time Radio  
 0100-0130 on 6160vBCQ 050 kW / 245 deg to LAm English Wed Area 61 Old Time Radio  
 0130-0330 on 6160vBCQ 050 kW / 245 deg to LAm English Wed Amateur Roundtable  
 0000-0200 on 6160vBCQ 050 kW / 245 deg to LAm English Thu Area 61 Old Time Radio  
 0300-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Thu Radio For Peace Int.  
 0000-0200 on 6160vBCQ 050 kW / 245 deg to LAm English Fr Area 61 Old Time Radio  
 0300-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Fr Radio For Peace Int  
 0000-0100 on 6160vBCQ 050 kW / 245 deg to LAm English Sa Area 61 Old Time Radio  
 0100-0200 on 6160vBCQ 050 kW / 245 deg to LAm English Sa Allan&Angela Weiner WW  
 0300-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Sa Rock Wave  
 0000-0100 on 6160vBCQ 050 kW / 245 deg to LAm English Su Radio Timtron Worldwide  
 0100-0200 on 6160vBCQ 050 kW / 245 deg to LAm English Su Grits Radio  
 0200-0300 on 6160vBCQ 050 kW / 245 deg to LAm English Su Lumpy Gravy Radio Show  
 0300-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Su The Lost Discs Radio Show  
 0400-0500 on 6160vBCQ 050 kW / 245 deg to LAm English Su Eric Dolphy Mystery Hour  
 2300-2330 on 6160vBCQ 050 kW / 245 deg to LAm English Su World of Radio  
 2330-2400 on 6160vBCQ 050 kW / 245 deg to LAm English Su Hobart Radio Int  
 0000-0100 on 6160vBCQ 050 kW / 245 deg to LAm English Mo Radio Timtron Worldwide  
 0100-0300 on 6160vBCQ 050 kW / 245 deg to LAm English Mo Radio New York Int  
 0300-0330 on 6160vBCQ 050 kW / 245 deg to LAm English Mo American Debauchery  
 0330-0400 on 6160vBCQ 050 kW / 245 deg to LAm English Mo Free Radio Skybird  
 0400-0500 on 6160vBCQ 050 kW / 245 deg to LAm English Mo Herald of Truth  
 0500-2300 on 6160vBCQ 050 kW / 245 deg to LAm English Daily Brother Stair  
 2300-2400 on 6160vBCQ 050 kW / 245 deg to LAm English Mo-Sa Brother Stair

*WBCQ-6, Monticello World's Last Chance Radio*

0100-0257 on 9330 BCQ 250 kW / 045 deg to ENAm English  
 0300-0555 on 9330 BCQ 250 kW / 270 deg to CNAm English  
 0600-0657 on 9330 BCQ 500 kW / 076 deg to SPA Spanish  
 0700-0757 on 9330 BCQ 500 kW / 076 deg to PORT Portuguese  
 0800-0857 on 9330 BCQ 500 kW / 076 deg to FRA French  
 0900-0957 on 9330 BCQ 500 kW / 057 deg to U.K. English  
 1000-1155 on 9330 BCQ 500 kW / 180 deg to NSAm Spanish  
 1200-1257 on 9330 BCQ 250 kW / 220 deg to CAm Spanish  
 1300-1357 on 9330 BCQ 250 kW / 300 deg to WCAN English  
 1400-1457 on 9330 BCQ 250 kW / 280 deg to WNAm English  
 1500-1655 on 9330 BCQ 250 kW / 045 deg to ECAN English  
 1700-1857 on 9330 BCQ 500 kW / 057 deg to U.K. English  
 1900-2157 on 9330 BCQ 500 kW / 054 deg to GERM German  
 2200-2257 on 9330 BCQ 500 kW / 102 deg to SAf Portuguese  
 2300-0055 on 9330 BCQ 500 kW / 175 deg to BRAS Portuguese

*World's Last Chance Radio via SPL Bulgaria*

0700-1000 on 13840 SCB 100 kW / 126 deg to N/ME Arabic, inactive

*World's Last Chance Radio via ENC-DMS Woofferton*

1700-1900 on 11830 WOF 250 kW / 140 deg to Eaf English  
 1800-2100 on 5910 WOF 250 kW / 114 deg to N/ME Arabic, inactive

*WEWN-1 Global Catholic Radio Vandiver*

1900-2400 on 15610 EWN 250 kW / 085 deg to Waf English  
 0000-0900 on 9385 EWN 250 kW / 085 deg to Waf English  
 0900-1300 on 9470 EWN 250 kW / 355 deg to SEAs English - NOT ON AIR IN B-21!

*WEWN-2 Radio Catolica Mundial Vandiver*

1400-2400 on 12050 EWN 100 kW / 155 deg to CAm Spanish

*WEWN-3 Radio Catolica Mundial Vandiver*

0000-1400 on 5970 EWN 100 kW / 160 deg to CAm Spanish



*WHRI Angel 1 World Harvest Radio International Furman, inactive*

0000-0300 on 7315 HRI 250 kW / 152 deg to SAm English Daily  
 0300-0400 on 7315 HRI 250 kW / 152 deg to SAm English Tue-Su  
 0300-0400 on 5920 HRI 250 kW / 047 deg to WEu English Mo  
 0400-0500 on 7315 HRI 250 kW / 152 deg to SAm English Su  
 0900-1000 on 11825 HRI 250 kW / 245 deg to AUS English Su-Fr  
 1000-1100 on 11825 HRI 250 kW / 245 deg to AUS English Su  
 1100-1300 on 7315 HRI 250 kW / 173 deg to CAm English Su  
 1300-1400 on 9605 HRI 250 kW / 245 deg to MEXI English Su  
 1400-1500 on 21610 HRI 250 kW / 085 deg to CAf English Su  
 1500-1600 on 21610 HRI 250 kW / 085 deg to CAf English Sa/Su  
 1600-1800 on 21610 HRI 250 kW / 085 deg to CAf English Daily  
 1800-1900 on 21610 HRI 250 kW / 085 deg to CAf English Sa/Su  
 1900-2000 on 17815 HRI 250 kW / 085 deg to CAf English Su  
 2000-2100 on 17815 HRI 250 kW / 085 deg to CAf English Mo-Sa  
 2100-2200 on 9505 HRI 250 kW / 047 deg to WEu English Sa  
 2200-2400 on 9505 HRI 250 kW / 047 deg to WEu English Sa/Su  
 2300-2400 on 7315 HRI 250 kW / 173 deg to CAm English Mo-Fr

*WHRI Angel 2 World Harvest Radio International Furman, inactive*

0000-0100 on 5920 HRI 250 kW / 047 deg to WEu English Tue-Su  
 0100-0200 on 9605 HRI 250 kW / 167 deg to SAm Spanish Daily KBS World Radio  
 0200-0300 on 5920 HRI 250 kW / 047 deg to WEu English Daily  
 0300-0400 on 5920 HRI 250 kW / 047 deg to WEu English Tue-Sa  
 0300-0330 on 7520 HRI 250 kW / 047 deg to WEu English Su  
 0330-0400 on 7520 HRI 250 kW / 047 deg to WEu Russian Su  
 0400-0430 on 6195 HRI 250 kW / 167 deg to SAm Spanish Daily Radio Japan NHK World  
 0430-0515 on 7490\*HRI 250 kW / 047 deg to WEu English Daily  
 0515-0530 on 7490\*HRI 250 kW / 047 deg to WEu English Su-Thu  
 0515-0530 on 7490\*HRI 250 kW / 047 deg to WEu French Fr  
 0530-0600 on 7490\*HRI 250 kW / 047 deg to WEu English Daily  
 0900-0930 on 6195 HRI 250 kW / 152 deg to SAm Portuguese Daily Radio Japan NHK  
 0930-1000 on 6195 HRI 250 kW / 152 deg to SAm Spanish Daily Radio Japan NHK  
 1200-1300 on 9840 HRI 250 kW / 025 deg to ENAm English Mo-Fr  
 1400-1700 on 9840 HRI 250 kW / 025 deg to ENAm English Su  
 1700-2000 on 9840 HRI 250 kW / 025 deg to ENAm English Daily  
 2000-2100 on 9505 HRI 250 kW / 047 deg to WEu English Su  
 2200-2300 on 15530 HRI 250 kW / 152 deg to SAm English Su  
 \*probably on 9830 HRI 250 kW / 047 deg to WEu from March 7

*WHRI Angel 6 World Harvest Radio International Furman, inactive*

0000-0100 on 7385 HRI 100 kW / 315 deg to WNAm English Daily  
 0100-0200 on 7385 HRI 100 kW / 315 deg to WNAm English Su/Mo  
 0100-0200 on 5920 HRI 100 kW / 315 deg to WNAm English Tue-Sat  
 0200-0300 on 7385 HRI 100 kW / 315 deg to WNAm English Daily  
 0300-0400 on 7385 HRI 100 kW / 315 deg to WNAm English Mo-Fr  
 0400-0500 on 7385 HRI 100 kW / 315 deg to WNAm English Mon  
 1200-1300 on 7385 HRI 100 kW / 315 deg to WNAm English Mo-Sa

*WINB Red Lion*

0700-1030 on 7380\*INB 015 kW / 062 deg to WEu English Mo-Fr  
 1030-1200 on 9265\*INB 015 kW / 062 deg to WEu English Mo-Fr  
 1200-1700 on 15750\*INB 015 kW / 062 deg to WEu English Mo-Fr  
 1000-1200 on 9265 INB 050 kW / 242 deg to MEX English Sa/Su Brother Stair  
 1200-1500 on 9265 INB 050 kW / 242 deg to MEX English Sa Brother Stair  
 1200-1500 on 9265 INB 050 kW / 242 deg to MEX English Su  
 1500-2000 on 9265 INB 050 kW / 242 deg to MEX English Sa/Su  
 1700-2000 on 9265 INB 050 kW / 242 deg to MEX English Mo-Fr Brother Stair  
 2000-2200 on 9265 INB 050 kW / 242 deg to MEX English Daily  
 2200-2300 on 9265 INB 050 kW / 242 deg to MEX English Mo/Tue Brother Stair  
 2200-2300 on 9265 INB 050 kW / 242 deg to MEX English Wed-Su  
 2300-2330 on 9265 INB 050 kW / 242 deg to MEX English Mo/Tue/Thu/Fr Brother Stair  
 2300-2330 on 9265 INB 050 kW / 242 deg to MEX English Wed/Sa/Su  
 2330-2400 on 9265 INB 050 kW / 242 deg to MEX Spanish Mo  
 2330-2400 on 9265 INB 050 kW / 242 deg to MEX English Thu/Fr Brother Stair  
 2330-2400 on 9265 INB 050 kW / 242 deg to MEX English Tue/Wed/Sa/Su  
 0000-0030 on 9265 INB 050 kW / 242 deg to MEX English Fr/Su Brother Stair

0000-0030 on 9265 INB 050 kW / 242 deg to MEX English Mo-Thu/Sa  
 0030-0100 on 9265 INB 050 kW / 242 deg to MEX English Mo-Sa  
 0030-0100 on 9265 INB 050 kW / 242 deg to MEX English Su Brother Stair  
 0100-0400 on 9265 INB 050 kW / 242 deg to MEX English Daily  
 0400-0500 on 9265 INB 050 kW / 242 deg to MEXIEnglish Mo-Sa  
 0500-0700 on 9265 INB 050 kW / 242 deg to MEX English Mo-Fr Brother Stair  
 \* Hybrid DRM

*WJHR Radio International Milton*

1400-2200 on 15555 JHR 050 kW / 005 deg to WNAm English USB

*WMLK Radio Assemblies of Yahweh Bethel*

1700-2200 on 9275 MLK 250 kW / 053 deg to WEu English Mo-Fr,  
**inactive at present** due to a fire in the transmitter around the end of March 2017.  
 (DX MIX 1220) (continued with part 2/2 next issue)

**U.S.A. [GERMANY / KOREA Rep. of / KUWAIT / MARIANA ISL {Tinian/Saipan} / PHILIPPINES / TAIWAN / TAJIKISTAN / UAE] -**

Radio Free Asia Broadcast Frequency Schedule, B21 season schedule:  
 Valid on October 31, 2021 - March 27, 2022

**Burmese**

0030-0130 on 7340UAE 7510TJK 15110TIN 15250PAO\_new  
 0200-0300 New 15250PAO\_new  
 0700-0800 New 15110SAI{not 15320} 17815TIN  
 1230-1330 on 11795SAI 15120KWT{ex15110} 15135UAE  
 1330-1400 on 11795KWT 12055TIN 13750TIN{ex13740}  
 1400-1430 on 11795KWT 12055TIN

**Cantonese**

1400-1500 FNP 9390TIN all days

**Khmer**

1230-1300 on 9390SAI 15155TIN  
 1300-1330 on 9390TIN 15155TIN  
 1430-1500 on 9720SAI 11750TIN  
 2230-2330 on 9390SAI 11850TIN

**Korean**

1000-1100 on 1566JEJ  
 1500-1700 on 1188SEO 9985SAI 11510TIN{ex11520} 11550SAI{exTIN}  
 1700-1900 on 1188SEO 9985SAI 11550SAI{exTIN}  
 2100-2200 on 9940TIN{exSAI} 9985SAI 11945SAI{exTIN}

**Lao**

0000-0100 on 9910KWT  
 1100-1200 on 13685TIN

**Mandarin**

0300-0400 on 11980KWT 15455SAI{ex15340} 17660SAI  
 0400-0500 on 11980TIN 15455SAI{ex15340} 17660SAI  
 0500-0600 on 11980TIN 15455SAI{ex15340} 17660SAI 21700TIN  
 0600-0700 on 11980TJK 15455SAI{ex15340} 17660SAI 17840TIN{ex17760}  
 1500-1600 on 7540TJK{ex7420} 7665TJK 9790SAI  
 FNP / KWT 11725tu 11765mo 11590sa 11590su 11765fr 11765we 11725th  
 1600-1700 on 7665TJK 9315TIN{ex7415} 11590TIN  
 FNP / SAI 9720tu 9455mo 9900sa{ex9905} 9900su{ex9905}  
 9455fr 9455we 9720th  
 1700-1800 on 9950SAI{ex9860} 11590TIN  
 1800-1900 on 9950SAI{ex9860} 11590TIN  
 1900-2000 on 1557KOU 5890KWT 7520KWT 9455SAI 9860SAI  
 2000-2100 on 1557KOU 5890KWT 7520KWT 9410SAI 9455SAI 11525TIN  
 2100-2200 on 1557KOU 7520KWT 9410SAI 9455KWT{exSAI}  
 2300-2400 on 9860TIN{exKWT} 11525TIN{ex11520} 11775SAI

Tibetan

0100-0200 on 9665TJK{ex9670} 11895TJK 11950KWT 13765SAI{ex13795}
0200-0300 on 9450KWT{ex9455} 11540TIN 11895SAI 11950KWT 12010TIN
0600-0700 on 15255UA{exSAI} 15665TJK 17675BIB 21480TIN
1000-1100 on 9690TJK 15665TIN
FNP / TIN 17580tu 17830mo 17660sa 17730su 17840fr 17815we 17820th
1100-1200 on 9305TJK{ex9315} 12050KWT 15745TIN
1200-1300 on 9305TJK{ex9315} 11935TIN 12050KWT 13830TJK 15745TIN
1300-1400 on 9305TJK{ex9315} 11855SAI 13650KWT 13830TJK 15745TJK
1500-1600 on 9315TJK 11805KWT 12125TIN
2200-2300 on 7480KWT 9790KWT 12050TIN
2300-2400 on 5875TJK{ex5970} 7470TJK 7540KWT 9910KWT{ex9535}

Uyghur

0100-0200 on 7580TJK 9450SAI 9700KWT 11530TIN 12065KWT
1600-1700 on 7545TJK 7560KWT{ex7565}
FNP / KWT 11775tu 11800mo 11890sa 11775su 11885fr 11805we 11780th

FNP = Frequency Not Promoted. FNP = QRG no publicitada

("A.J." Janitschek, Director Program & Operations Support, Radio Free Asia)
Visit us at <www.rfa.org> or at <http://techweb.rfa.org>

Reception Reports (email) to: <qsl -at- rfa.org>
Reception Reports (letter) to: Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036, U.S.A.
(AER, 30 Oct 2021, EA4-0003; Alokesh Gupta-IND via Radioactivity; RFA via wwdxc BC-DX Topnews Oct 30)

VATICAN (non) - Vatican Radio on 7420 kHz USAGM Tinian and 9810 kHz USAGM Tinang, November 21:
1230-1250 on 7420 TIN 250 kW / 329 deg to FERu Russian. Very good signal via SDR Tambov, RUS
1230-1250 on 9810 PHT 250 kW / 332 deg to FERu Russian. Very good signal via SDR Tambov, RUS
(DX MIX 1219)

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Editor's info desk was closed for this edition at 17:00 hours UTC on December 3rd, 2021.

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

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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: (please see DX MAGAZINE 11/2021, page 23)

\*\*\*\*\*

Editor:

Walter Eibl (we)
EMail: <we@wwdx.de> or <we@kwrs.de>
Used equipment:
Receiver: ICOM IC-R70 communications receiver (no modification)
Antennas: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground
Situation: Herzogenaurach / Germany; 49.567/10.917; 310 m NN
mostly monitoring via WORLD WIDE WEB.

\*\*\*\*\*



# DX LOGBOOK

## Logs around the clock

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

### LONG AND MEDIUMWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
270.0	2200	554	CZE	CR1-Topolna	Czech	TS, ID, NX, adv	3110	SG
1197.0	1900	444	ROU	Radio Neumarkt	German	ID, Radiojournal // 1323	0111	SG
1215.0	2020	444	G	Absolute Radio	English	E, adv, ID, Rockpop	0311	SG
1323.0	1900	444	ROU	Radio Neumarkt	German	ID, Radiojournal // 1593	0111	SG
1386.0	1700	454	LTU	Polskie R. via Viesintos	German	D, ID, SP Allerheiligen	0111	SG
1458.0	2220	454	G	Sunrise Radio	English	E, Pop, ID, adv, ID, Pop	3110	SG
1467.0	2210	454	F	TWR-Roumoules	Arabic	ID, ann, HP, MX, relPX	3110	SG
1476.0	1900	343	AUT	Museumsradio 1476	German	D, IS, ID, adr, DXWK	0611	SG
1548.0	2300	554	G	Gold	English	E, ID, sky-NX, ID, pop	3110	SG
1557.0	2145	444	G	Music Radio	English	E, Pop, Jingle-ID, Pop	3110	SG
1593.0	1900	444	ROU	Radio Neumarkt	German	ID, Radiojournal // 1323	0111	SG

### SHORTWAVE BANDS

3955.0	0700	454	D	TOM via Ch292	English	E, ID, adr, phone, relPX	0311	SG
3955.0	1900	454	D	Radio DARC via Ch292	German	ID, 350; AIF idSeefahrt	0311	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, TdW, HBF	3010	SG
3955.0	2100	454	G	KBS-WR via Woofferton	French	F, ID, ann, K-Pop	3110	SG
3975.0	2115	353	D	Shortwaveradio Winsen	English	E, ID, Rockpop-Show	3110	SG
3985.0	1500	453	D	Radio Vatikan via Kall	German	D, ID, NX Weltkirche	0111	SG
3985.0	1520	453	D	Radio Belarus via Kall	Spanish	S, ID, NX, rpts, MX	0211	SG
3985.0	1540	453	D	Radio Belarus via Kall	French	F, ID, NX, rpts, MX	0211	SG
3985.0	1600	453	D	Radio Tirana via Kall	German	D, IS, ID, NX,	0211	SG
3985.0	1630	453	D	RSI via Kall	French	F, ID, NX, rpts, MX	0211	SG
3985.0	1900	454	D	RSI via Kall	German	ID, Energie; Denkmäler	0111	SG
3985.0	1930	454	D	RSI via Kall	French	F, ID, NX, rpt energy	0311	SG
3985.0	2000	353	D	Radio Belarus via Kall	English	E, ID, NX, economy rpt	0311	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	D, ID, rpt; Herbstoldies	0711	SG
5905.0	1200	353	D	DWD	German	D, ID, Seewetterberichte	0311	SG
5920.0	1030	343	D	HCJB Weenermoor	German	D, Medienmagazin	0711	SG
5925.0	0600	444	F	RFI	French	F, ID, NX, rpts	0511	SG
5930.0	0700	353	DNK	World Music R. Branning	English	E, RockPop, Jingle-ID	0111	SG
5945.0	1830	454	TUR	TRT	German	IS, ID, NX, press, rpts	0111	SG
5950.0	0302	554	USA	WRMI	English	Encore	0811	RL
5955.0	1645	454	ROU	RRI	Serbian	Serbian, ID, rpt Covid	0711	SG
5970.0	1600	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	0111	SG
6000.0	1730	444	D	NHK-World-Radio Japan	Japanese	J, ID, Rockpop, ann, ID	0311	SG
6005.0	0500	454	ASC	BBC-WS-Relay	English	E, ID, NX, Africa rpts	0311	SG
6005.0	0900	444	D	RUI via Kall	German	D, IS, ID, NX, MX, rpts	0111	SG
6005.0	1000	444	D	RSI via Kall	English	E, ID, NX, ID, rpt	0311	SG
6005.0	1030	443	D	RPI via Kall	German	ID, rpt; Sprk; Th.Mann	3110	SG

6005.0	1030	443	D	RPI via Kall	German	D, ID, NX, TE, HBF	0311	SG
6005.0	1130	444	D	SRF via Kall	German	D, IS, ID, Rendezvous	3110	SG
6005.0	1200	444	D	RSI via Kall	English	E, ID, NX, rpt festival	3110	SG
6005.0	1230	444	D	RSI via Kall	French	F, ID, NX, rpt festival	3110	SG
6005.0	1300	343	D	Radio Amathusia via Kall	Dutch	Dutch, ID, ann, MX	3110	SG
6005.0	1300	454	D	VoMongolia via Kall	English	E, IS, ID, ann, NX, rpt	0511	SG
6005.0	1330	454	D	Radio Tirana via Kall	English	E, IS, ID, NX, press	0411	SG
6005.0	1400	454	D	RSI via Kall	German	ID, HBF, MX Pianistin	3110	SG
6005.0	1430	444	D	RSI via Kall	French	F, ID, rpt culturelle	3110	SG
6005.0	1600	454	D	Polskie Radio via Kall	German	D, ID, Totenkult	3110	SG
6005.0	1900	454	BUL	RTI via Kostinbrod	French	F, ID, ann, NX, WX, rpt	3110	SG
6020.0	0400	454	ROU	RRI	English	E, IS, ID, NX, MX, rpt	0511	SG
6020.0	0835	454	HOL	Delta Radio	English	E, RockPop, Jingle-ID	0711	SG
6040.0	1500	554	ROU	RRI	German	D, IS, ID, NX, Hörertag	0711	SG
6040.0	1700	454	CHN	CRI	Russian	R, ID, NX, MX, rpts	0311	SG
6040.0	1800	443	D	KBS-WR via Nauen	Russian	R, ID, NX, MX, rpts	0311	SG
6060.0	0600	443	CUB	RHC	English	E, ID, NX, ID, rpt	0511	SG
6070.0	0700	454	D	TOM via Ch292	English	E, ID, adr, phone, relPX	0311	SG
6070.0	0700	454	D	RWI via Ch292	English	EID, 38th birthday show	0711	SG
6070.0	0800	454	D	Super Clan R. via Ch292	English	E, ID, Rockpop, adr	0711	SG
6070.0	0900	454	D	RNI via Ch292	German	D, Pop-Goldrausch, ID	0711	SG
6070.0	1000	454	AUT	R. DARC via Moosbrunn	German	ID, 351; E-Stromzähler	0711	SG
6070.0	1100	454	D	Valley FM via Ch292	English	E, ID, Rockpop	0711	SG
6070.0	1200	454	D	Korches Radio via Ch292	German	D, ID, 50er Jahre Oldies	0711	SG
6070.0	1300	454	D	Offshore History Radio	English	ID, adr, Radio Caroline	3110	SG
6070.0	1700	454	CHN	CRI	Russian	R, ID, NX, MX, rpts	0311	SG
6085.0	0800	454	D	R. Mi Amigo Int. via Kall	English	E, ID, ann, Rockpop	0111	SG
6105.0	0600	454	F	Radio Algerienne	Arabic	A, ID, Holy Qur`an	0411	SG
6125.0	0410	454	TUR	TRT	English	E, ID, press, ID, rpt	0511	SG
6130.0	0845	454	HOL	Radio Casanova	English	E, ID, Pop, ann, ID	0711	SG
6135.0	0610	454	CVA	BBC-WS-Relay	French	F, NX, sport, ID, rpts	0311	SG
6140.0	0830	454	HOL	Radio Onda	English	E, ID, Rockpop, HP, adr	0711	SG
6140.0	0900	454	AUT	Welle 370 via ORS	German	D, ID, Ü-Technik; HBF	0711	SG
6150.0	0825	454	D	Europa 24 via Datteln	Dutch	Hol, Popoldies, ID, NX	0111	SG
6155.0	0600	454	AUT	Ö1 via ORS Moosbrunn	German	IS, ID, Morgenjournal	0311	SG
6160.0	1135	454	D	Shortwave Gold Winsen	English	E, ID, Oldieshow	3110	SG
6160.0	0915	454	D	Shortwave Gold Winsen	Italian	I, DX, ID, ann, Pop	0711	SG
6160.0	1800	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	3110	SG
6165.0	0600	454	F	NHK-World-Radio Japan	Arabic	A, IS, ID, NX, rpts	0211	SG
6170.0	2130	554	ROU	RRI	English	IS, ID, NX, rpt // 7375	0311	SG
6180.0	0600	242	D	DWD	German	D, ID, Seewetterberichte	0111	SG
6180.0	1200	454	D	DWD	German	D, ID, Seewetterberichte	0311	SG
6180.0	1500	554	CHN	CRI	Russian	R, IS, ID, ann, rpts, MX	0211	SG
6185.0	0940	444	HOL	FRSH	English	ID, adr, birthday show	0711	SG
6185.0	1045	454	HOL	Radio Classic Sunday	English	E, Pop, ID, HP, Pop	3110	SG
6185.0	1055	454	HOL	Radio Classic Sunday	Dutch	Hol, Pop, ID, HP, ID, cd	3110	SG
7210.0	1800	454	CHN	CRI	English	E, IS, ID, NX, rpt	0411	SG
7230.0	1700	554	CVA	Vatican Radio	French	IS, ID, NX, ID, Popmx	0711	SG
7230.0	1715	554	CVA	Vatican Radio	English	ID, Vatican-World-NX	0711	SG
7250.0	0810	454	CVA	Vatican Radio	Latin	ID, Liturgy // 9645	0711	SG
7285.0	0630	454	ASC	BBC-WS-Relay	English	E, ID, NX, rpt Gambia	0311	SG
7325.0	0117	453	ROU	RRI	English	Society Today	1111	RL
7330.0	1100	454	AUT	Radio Joystick via ORS	German	D, ID, Ch.-Prince-Show	0711	SG
7345.0	0630	554	ROU	RRI	English	E, IS, ID, NX, energy	0411	SG
7365.0	1030	343	D	HCJB Weenermoor	German	D, Medienmagazin	0711	SG
7365.0	2000	554	CVA	Vatican Radio	English	E, IS, ID, Africa today	3110	SG
7365.0	2030	554	CVA	Vatican Radio	French	F, IS, ID, Africa toujours	3110	SG
7375.0	2010	554	ROU	RRI	Romanian	Romanian, ID, Erasmus	3110	SG
7375.0	2100	554	ROU	RRI	French	F, IS, ID, NX, radiotour	3110	SG
7375.0	2130	554	ROU	RRI	English	IS, ID, NX, rpt // 6170	0311	SG
7380.0	1600	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	0111	SG
7395.0	1948	454	CHN	CRI	German	trad-instr-MX, ID, adr	3110	SG

7415.0	2120	454	CHN	CRI	English	E, ID, online shopping	0311	SG
7580.0	2110	454	THA	Radio Farda	Persian	Persian, ID, Pop, rpt, cd	0311	SG
9330.0	2059	454	USA	WBCQ-WLC-Radio	German	D, IS, ID, relPX Hölle	3110	SG
9420.0	0655	454	GRC	ERT	Greece	Gr, ID, Pop, TS, ID, NX	0311	SG
9425.0	1600	343	KRE	VoKorea	German	D, IS, NA, ID, MX, NX	0611	SG
9570.0	0630	343	F	DW-Relay	Hausa	Hausa, ID, NX, rpts	0511	SG
9615.0	1930	454	CHN	CRI	German	trad-instr-MX, ID, adr	3110	SG
9620.0	2342	453	ROU	RRI	English	Listeners Letterbox	1211	RL
9645.0	0810	454	CVA	Vatican Radio	Latin	ID, Liturgy // 7250	0711	SG
9675.0	1600	454	CHN	CRI	English	E, ID, NX, WX, rpts	0511	SG
9675.0	1810	454	ARS	Radio Saudi International	Indonesia	NX, ID, MX	0311	SG
9690.0	1605	453	E	REE	Spanish	S, futbol live, ID	0711	SG
9700.0	0650	454	TUR	TRT	Turkish	Turkish, rpt, ID, IS, cd	0311	SG
9705.0	1630	454	CVA	Vatican Radio	Arabic	A, IS, ID, Africa today	0711	SG
9705.0	1700	454	CVA	Vatican Radio	French	F, IS, ID, Africa toujour	0711	SG
9730.0	1830	343	VTN	VoV	German	D, ID, NX, rpt, HBF	0311	SG
9730.0	2030	454	VTN	VoV	French	F, ID, NX, rpt, MX	0311	SG
9730.0	2100	454	VTN	VoV	Spanish	S, ID, NX, rpts, MX	0311	SG
9740.0	1300	444	GUM	KSDA-Agat	Korean	Korean, IS, ID, relPX	0411	SG
9790.0	0600	453	F	RFI	French	F, ID, NX, africa rpts	0711	SG
9810.0	1415	554	ROU	R. Romania Actualidad	Romanian	ID, rpt, ABBA	0311	SG
9830.0	0630	343	F	DW-Relay	Hausa	Hausa, ID, NX, rpts	0511	SG
9885.0	1800	454	MDG	KNLS via WCB	Russian	R, ID, relPX, Moses	0311	SG
9915.0	1812	433	G	BBC WS	English	World News	0911	RL
9975.0	1315	443	GUM	KTWR-Agana	Chinese	Ch, relPX, chorus, ID	0511	SG
9990.0	1340	444	THA	Radio Farda	Persian	Persian, ID, Pop, rpt	0511	SG
11590.0	1859	453	MRA	Radio Free Asia		Music & Sign off	1111	SG
11600.0	0700	454	BUL	TOM via Kostinbrod	English	E, ID, adr, phone, relPX	0311	SG
11620.0	0710	454	CVA	Vatican Radio	Arabic	A, IS, ID, NX, rpts	0311	SG
11620.0	0730	454	CVA	Vatican Radio	French	F, IS, ID, NX, rpts	0311	SG
11660.0	1800	433	SWZ	TWR	English	ID, Jingle, Sign off	1111	RL
11720.0	2129	453	USA	VOA Greenville relay	English	25 years Diana Carter	0711	RL
11725.0	0859	343	NZL	RNZ	English	E, IS, TS, ID, NX	0311	SG
11810.0	1804	453	ASC	BBC	English	World News, Taiwan	0911	RL
11815.0	1615	454	TUR	TRT	Turkish	Turkish, futbol live, ID	0711	SG
11825.0	1200	444	AUS	Reach Beyond	English	E, IS, ID, relPX	3110	SG
11885.0	1625	353	VTN	Voice of Vietnam	English	World News, Affairs	1211	RL
11900.0	2100	433	STP	VOA	Hausa	Sign off	1311	RL
11940.0	1605	444	E	REE	Spanish	S, futbol live, ID	0711	SG
11945.0	1315	554	ROU	RRI	Arabic	A, ID, ann, Folklore	3110	SG
11965.0	2011	453	MDG	World Christian Voice	English	African Pathways	1111	RL
11965.0	1158	444	AUS	Reach Beyond	Vernacular	Vernac, IS, E-ID, relPX	3110	SG
11975.0	1400	554	ROU	R. Romania Actualidad	Romanian	Romanian, ID, rpt, MX	0311	SG
11990.0	1400	343	UAE	DW-Relay	Dari	Dari, ID, NX, ID, rpts	0411	SG
12015.0	1300	454	KRE	VoKorea	English	ID, NA, NX, MX, rpt	0411	SG
12075.0	2000	453	USA	VOA	French	Music	1111	RL
13830.0	1650	444	CVA	Vatican Radio	English	E, Africa Sce, ID, IS, cd	0711	SG
15135.0	0620	454	CHN	CRI	Spanish	S, rpt, ID, rpt, Pop	0111	SG
15220.0	0640	454	CHN	CRI	French	rpt population, ID, MX	0111	SG
15230.0	1400	444	D	DW-Relay	Dari	Dari, ID, NX, ID, rpts	0411	SG
15270.0	1230	554	TUR	TRT	German	D, IS, ID, ann, MX	3110	SG
15335.0	0800	454	CHN	CRI	Russian	R, IS, ID, ann, rpts, MX	0311	SG
15380.0	0800	454	ARS	Saudi Radio	Arabic	A, ID, NX, ID, Gesang	0411	SG
15435.0	0740	454	KWT	Radio Kuwait	English	E, Pop, ID, ann, NA, cd	0311	SG
15580.0	1359	444	BOT	VOA-Relay	English	E, IS, ID, NX, rpts	0511	SG
15665.0	0800	454	CHN	CRI	Russian	R, IS, ID, ann, rpts, MX	0311	SG
15745.0	1300	322	TJK	RFA-Relay	Tibetan	ID, ann, NX, rpts	0311	SG
15770.0	1100	343	USA	RAE via WRMI	German	D, IS, ID, NX, HBF, DX	0311	SG

17490.0	0730	554	CHN	CRI	English	E, ID, Beijing hour	0111	SG
17615.0	0600	554	CHN	CRI	German	D, IS, ID, trad-instr-MX	0111	SG
17720.0	0600	554	CHN	CRI	German	D, IS, ID, trad-instr-MX	0111	SG
17885.0	1359	454	BOT	VOA-Relay	English	IS, ID, NX, ID, MX,rpt	0511	SG

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

5960.0 FRANCE Radio France Intl. – Issoudun, 2134-2200\* Nov 23, two men speaking in the French with news program. Brief instrumental music at 2159 followed by OM and YL station ID and S/off. Fair to good.

6040.0 FRANCE Radio France Intl. – Issoudun, 0511-0559\* Nov 14, with OM & YL talk in the French language with news magazine type program. Lot's of "bonjours" in this start the day program. Fair signal.

6155.0 AUSTRIA Radio Oesterreich Intl. – Moosbrunn, 0611-0636 Nov 28, woman announcer in German hosting a program about Bach with musical segments and talk by her and an OM. Fair to good.

6170.0 ASCENSION ISLANDS Voice of America – English Bay, 0514-0526 Nov 15, noted with man announcer speaking in the listed Hausa language with period station IDs. Poor to fair.

7255.0 NIGERIA Voice of Nigeria – Abuja Lugbo, 0612-0625 Nov 13, noted with OM newsprogram in the Hausa language. Transmitter breaks causing station off air for short periods . Good signal poor audio.

9420.0 GREECE Voice of Greece – Avlis, 2227-2246 Nov 17, man announcer with Greek language talk hosting a program of Greek vocal selections. Fair but somewhat noisy.

9470.0 CHINA China Radio International – Xian, 0003-0-035 Nov 14, a man with news program in the listed Mongolian language. Brief instrumental music at end of news followed by long talk by another man. Fair.

9525.0 CLANDESTINE Radyo Denge Welat – Issoudun, 2050-2159\* Nov 13, program of Kurdish vocals until choral national anthem at 2155 followed by OM talks in Kurdish language. Vocals until carrier ended. Fair with several good peaks.

9720.0 CLANDESTINE Dimtse Radio Erena – Kostinbrod (Sofia), 1712-1736 Nov 22, man and woman announcers speaking in the listed tigrinya language. Some vocals selections between talk segments. Fair.

11560.0 INDIA All India Radio – Bengaluru, 1404-1429\* Nov 14, nice musical selections until talk by a woman in Dari language. OM talking back to music at 1415 until signoff and carrier terminated. Very good signal.

11815.0 TURKEY Voice of Turkey – Emirler, 1504-1526 Nov 19, man and woman announcers with news in Turkish language. Brief instrumental music after the news before more talk features. Very good signal.

11900.0 GERMANY Bible Voice Broadcasting – Nauen, 1450-1500\* Nov 20, man preaching in English until 1458 with music and OM ending program with station ID and contact info. for Bible Voice . Poor to fair.

11955.0 AUSTRIA Adventist World Radio – Moosbrunn (presumed), 1603-1621 Nov 28, tuned into a female vocal selection accompanied by flute music followed by a YL speaking in Urdu language. Quite weak.

15160.0 CLANDESTINE Dimtse Tigray Media House – Issoudun, 1511-1558\* Nov 28, YL and OM talking in Tigrinya language. Horn of Africa vocals and music between lively talk segments. Good signal.

15330.0 CLANDESTINE Raadiyoni Dirree Shaggar – Issoudun, 1622-1630\* Nov 16, man announcer talking in Oromo language followed by quick instrumental music segments and brief talk by various announcers until closing flute music at 1629. Fair signal.

15400.0 ASCENSION ISLANDS BBC World Service – English Bay, 1752-1813 Nov 23, time pips at 1800 followed by station ID and news program in the English language. Poor reception.

15550.0 FRANCE Radio Tamazuj – Issoudun , 1532-1559\* Nov 17, various talk features with remote reports by several men and woman announcers in Sudanese Arabic language. No station IDs noted by appeared to clear channel for Radio Dabanga at top of the hour. Fair.

15550.0 FRANCE Radio Dabanga – Issoudun, \*1559-1622 Nov 17, opened with several "Radio Dabanga" station IDs followed by jingle IDs before opening with news in the listed Sudanese Arabic language. Fair.

17800.0 FRANCE Mini-Transat La Boulangère – Issoudun, \*1459-1558\* Nov 13, instrumental music opening followed by opening announcements and dates, locations and several names. At 1509 a woman gave weather forecast in the English language. French returned at 1516. Instrumental music at 1533 . Fair.

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

774.0 EGYPT: NMA Al-Sharq (presumed), al-Awsat, Arabic, 09/11 2205. Songs in Arabic language, male voice speaker. 15321.

855.0 SPAIN: Radio Nacional de España, Murcia, Spanish, 09/11 2350. Talk by male and female voices, comment abt culture, song 'Killing me softly', time pips on 0000. 'Buenas noches... Murcia...'. 15421.

1000.0 PARAGUAY: Radio Mil, Asunción, Spanish, 09/11 0018, Spanish, 09/11 0022. Sport News, 'San Lorenzo...', male communication 'Mil...'. 25422. \*\*No signal from Radio Record São Paulo.

1000.0 CHILE: BBN Radio, via Santiago, Spanish, 09/11 0015. Radio Record São Paulo out for +/- 30 minutes. Christian talk by male voice. 23532.

1010.0 BRAZIL: Radio Difusora, Lençóis Paulista SP, Portugese, 26/11 2231. Brazilian song, jingle: '...participe da programação da Difusora...'. 24542.

- 1480.0 PARAGUAY: Radio America, Asunción, Spanish, 10/11 0040. Christian program,talk abt Bible. 23522.
- 5980.0 SINGAPORE: BBC, via Kranji, English, 02/11 2300. News Bulletin by male and female speakers. comments. 25542.
- 6085.0 TAIWAN: Radio Taiwan Intl, Tamsui, Korean, 20/11 2220. Talk by male and female speakers. 25322.
- 7260.0 CHINA: China Radio International, via Urumqi, Portuguese, 09/11 2200. Interval signal, id, and a long sequence of Chinese instrumental music. 35543.
- 7355.0 JAPAN: NHK World Radio Japan, Yamata, Indonesian, 09/11 2155. Talk, 'Indonesia...', song, on 2200 time pips, and sign-off. 25432.
- 7375.0 ROMANIA: Radio Romania International, Galbeni, English, 09/11 2130. Interval signal, id, talk. 25222.
- 7410.0 ESWATINI : TWR Africa, Manzini, Umbundu, 02/11 1817. Interval signal, id in English language: 'This is TWR, broadcasting from Eswatini...'. Talk by male voice in Umbundu language, song and message. 25542.
- 7550.0 UZBEKISTAN: Voice of Martyrs, via Tashkent, Korean, 09/11 2115. Talk. 25332.
- 7570.0 NORTH KOREA: Voice of Korea, Kujang, English, 09/11 2125. Talk, song in Korean language. 25442.
- 7580.0 THAILAND: Radio Farda, via Udon Thani, Persian, 09/11 2120. Talk, and songs. 25542.
- 7780.0 USA: Radio Tirana, via WRMI, Okeechobee, English, 02/11 2230. Id in English language: 'This is WRMI, Okeechobee, Florida...'. OM voice 'Radio Tirana... Albania'. Vaccination in Albania.Song. 25432.
- 9405.0 PHILIPPINES: FEBC, Bocaue, Chinese, 26/11 2255. Christian programming, by OM, a prayer 'Amen...', a song by YL. 35443.
- 9420.0 GREECE: Helliniki Radiophonia, Avlis, Greek, 04/11 1930. Talk by male voice, a Greek style song. 24542.
- 9565.0 USA: Radio Marti, Greenville, Spanish, 04/11 2030. Talk, interview, phone-in. 35443.
- 9775.0 USA: KVOH Voice of Hope, Rancho Simi, English, 05/11 0110. Christian programming, song, talk. 35543.
- 9875.0 PHILIPPINES: FEBC, Bocaue, lu Mien, 26/11 2300. Interval signal. Id, message. 25442.
- 11680.0 NORTH KOREA: KCBS Pyongyang, Korean, 26/11 2245. Instrumental music, talk in Korean . 25332.
- 11745.0 SAUDI ARABIA: Al-Azm Radio, Jeddah, Arabic, 04/11 1925 . Talk, song in Arabic language. 35443.
- 11780.0 BRAZIL: R. Nac. da Amazonia, Brasilia DF, 09/11 1320. Brazilian songs, 'Ponto de Encontro'. 45554.
- 11870.0 PHILIPPINES: Voice of America, via Tinang, Burmese, 09/11 1540. Talk in Burmese. 25542.
- 11870.0 GUAM: KSDA AWR, Agat, Chinese, 20/11 2215. Christian programming, preacher, message, piano music. 25542.
- 11885.0 VIETNAM: Voice of Vietnam, Hanoi, English, 04/11 1915. News and comments. 35543.
- 12030.0 SPAIN: Radio Exterior de España, Noblejas, Spanish, 20/11 2210. Sport News, soccer in Spain. 35343.
- 12120.0 PHILIPPINES: Radio Pilipinas, Tinang, Filipino, 04/11 1905. News Bulletin. 35443.
- 13670.0 MADAGASCAR: World Christian Broadcasting Africa, via Mahajanga, English, 10/11 1850. Christian songs in African style, id. 35553.
- 13810.0 ESWATINI: TWR Africa, Manzini, Arabic, 10/11 1855. A Christian programming, comments, on 1902: Interval signal, and sign-off. 35543.
- 14980.0 TAIWAN: Sound of Hope tx with a very strong QRM from a Chinese programming. 10/11 1345.
- 15105.0 ESWATINI: TWR Africa, Manzini, Lingala, 29/11 1915. Christian programming, message, id. 35543.
- 15120.0 ASCENSION ISL.: VOA, Georgetown, Bambara 19/11 2140. Id 'VoA Afrique...'. Song, talk. 45554.
- 15190.0 BRAZIL: Radio Inconfidencia, Belo Horizonte, Portugeses19/11 2145. // 6010 kHz. Talk, Id. 15431.
- 15310.0 OMAN: BBC, via Al Seela, English, 09/11 1210. News and comments. 35443.
- 15315.0 UAE: Radio Free Asia, via Dhabbiya, Burmese, 09/11 1310. Talk and instrumental music. 25432.
- 15325.0 GUAM: KSDA Adventist World Radio, Agat, Asho Chin, 24/11 0045. An AWR programming, message, Id in EE 'This is the Adventist World Radio, the Voice of Hope' on 0058. Music. 25432.
- 15350.0 TURKEY: Voice of Turkey, Emirler, Turkish, 10/11 1335. Talk in Turkish. 25332.
- 15355.0 AUSTRIA: Adventist World Radio, Moosbrunn, French, 11/11 2035. '...Radio Mondiale Adventiste...', instrumental music, talk. 35553.
- 15550.0 GUAM: KSDA AWR, via Agat, Assamase, 10/11 1345. A Christian programming from AWR, message, sign-off on 1359. 25322.
- 15720.0 NEW ZEALAND: Radio New Zealand International, Rangitaiki, English, 24/11 0045. Talk, male voice, song. 15431.
- 15760.0 TAIWAN: SOH Xi Wang Zhi Sheng, Chinese, 24/11 0050. YL: talk. Instrumental music, A strong QRM from Chinese jamming (Maybe a CNR programming). 12531.
- 21470.0 VATICAN: BBC, via Sta. Maria di Galeria, Somali, 12/11 1450. Talk, phone-in, interview. 35443.
- 21490.0 ASCENSION: BBC, via Georgetown, English, 02/11 1420. Talk by male voice. 35543.
- 21525.0 USA: WRMI Radio Africa, Okeechobee, English, 02/11 1520. Talk by OM, instrumental music. 25542.
- 21580.0 FRANCE : Radio France Intl, Issoudun, French, 12/11 1240. Instrumental music, talk, interview. 35443.
- 21630.0 UAE: BBC, via Dhabbiya, Hausa. 02/11 1415. Talk by male voice, phone-in. 02/11 1415. 35543.
- 21630.0 ASCENSION: BBC, via Georgetown, English, 02/11 1605. Talk abt global warming, interview. 35553.
- 21630.0 ASCENSION: Test transmission. 02/11 1730. Instrumental music parts in several rhythms and styles. Id in English language: 'You are listening to a test transmission'. After 5 minutes, sign-off. 35443.
- 21630.0 TWR Africa, via Georgetown, Arabic, 03/11 1730. programming in Arabic language, Christian song, talk / message by male and female voices (in a Questions & Answers style). 35553.
- 21690.0 FRANCE: Radio France Intl, Issoudun, Swahili, 02/11 1510. Talk by male and female speakers. 35543.

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**Thanks a lot to our club members for their contributions:**



- RAD : Richard D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.
- RG : Rudolf Grimm, São Bernardo, SP, Brazil. Icom IC-R8500 + AOR LA400 Indoor Loop & Sony ICF2001D + RGP3 Indoor Ferrite Loop Antenna.
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in trees.
- SG : Siegbert Gerhard, Frankfurt, Germany. AOR AR 7030 + 5m EMF antenna, Sangean 818 ACS & Degen DE 1103 both with Telescopic ant.

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Dear Friends,

Another year comes to an end with the December 2021 edition of Logbook. After almost 44 years of working I have finally decided to retire and devote more time to my hobbies. And it is also 50 years since I started Dx-ing initially with Valve radio.

Thanks to our contributors and wishing you all a *Merry Christmas & Happy New Year 2022*,

*Ashok Kumar Bose*

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	<h2 style="margin: 0;">QSL CORNER</h2> <p style="margin: 0;">Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: &lt;qsl@wwdxc.de&gt;</p>	
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**Bulgaria:** Radio Taiwan International 5900 KHz via Bulgaria. QSL received in 21 days for report sent to: <deutsch@rti.org.tw> (BS)

Radio Taiwan International, Relay German Service via Kostinbrod 5900 kHz. Full data QSL "Tamsui old street" received in 28 days for e-mail report to <deutsch@rti.org.tw> (SG)

**Germany:** AGDX program by Olaf Mertens, German 3995, 5920 kHz and 7365 kHz via HCJB TX at Weenermoor. Full data AGDX 2021 QSL "Earth" and "Waves" received in 29 days for return postage by SASE letter report to: AGDX, P. O. Box 1214, 61282 Bad Homburg, Germany (SG)



Jake FM 6070 kHz via Channel 292. E-QSL received in 1 day for report sent to: <Radio@Jake-fm.de> (BS)



Mira Grelichowska

Korches Radio 6070 kHz via Channel 292. E-QSL received in 1 day for report sent to: <QSL@Korches-Radio.de> (BS)

M. Obrecht 3955 kHz via Channel 292 Rohrbach (Germany). Programme presenting the electronic music of Swiss national C. M. Obrecht (<<https://cmobrecht.bandcamp.com>>). Full data colour e-QSL in English. Received on the same day for e-mail report to <c.obrecht@swissonline.ch> (HB)

**Germany/Poland:** Polskie Radio Warszawa, Relay German Service via SWS Kall 6005 kHz. Full data QSL "Mira Grelichowska" received in 17 days for report sent to <deutsche.redaktion@polskieradio.pl> (SG)

Polskie Radio 6005 kHz via Kall (Germany). German Service. Full data black/white QSL representing "Jozef Pilsudski, marszalek Polski ... 1928" with text in English. Received in 26 days (7 days mail delivery) for e-mail report to: <deutsche.redaktion@polskieradio.pl>. Mail address: Polskie Radio dla Zagranicy,

Redakcja Niemiecka, Al. Niepodleglosci 77/85, 00-977 Warszawa (HB)

**Germany / Slovakia:** Radio Slovakia International, 6005 kHz via German Service via SWS Kall 6005 kHz. Full data QSL representing "Hrad Devin – Devin Castle" received in 18 days for reports sent to <rsi\_german@rtvs.sk> (SG)

Radio Slovakia International 6005 kHz via Radio 360. QSL received in 28 days for report sent to: <rsi\_german@rtvs.sk> (BS)

Radio Slovakia International 6005 kHz via Kall (Germany). German service. Full data colour QSL Card in English (castle series: Hrad Beckov). Received in 19 days (3 days for postal delivery, card damaged) for e-mail report to German service <rsi\_german@rtvs.sk> (HB)

Radio Slovakia International 3985/6055 kHz via SWS Kall. Full data QSL cards representing "Hrad Oravsky and Cerveny klaster" received in 28 and 30 days for reports sent to <rsi\_german@rtvs.sk> (SG)

Radio Slovakia International 6005 kHz via Kall (Germany). German service. Full data colour QSL in English (castle series: Hrad Devin). Received in 13 days (3 days for postal delivery) for e-mail report to German service <rsi\_german@rtvs.sk> (HB)

**Italy:** Radio City 9510 kHz via IRRS. E-QSL received in 8 minutes for report sent to: <citymorecars@yahoo.ca> (BS)

**New Zealand:** RNZ Pacific via Rangitaiki 11725 kHz. Detailed online-QSL (usual design) received in 13 days from Adrian Sainsbury (Frequency Manager) for report via website at: <https://www.rnz.co.nz/international/qsl/new>. HB)

**Taiwan:** Radio Taiwan International, 11705/9545 kHz via Tamsui, German Service. Full data special QSL "Dickschnabelkitta – national bird Taiwan" received in 39 days for e-mail report to <deutsch@rti.org.tw> (SG)



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**The reporters of this edition of QSL CORNER have been:**

- BS** = Bernd Seiser, Ottenau, Germany
- HB** = Hansjoerg Biener, Nuremberg, Germany
- SG** = Siegbert Gerhard, Frankfurt am Main, Germany

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It is with great pleasure that also this month, despite the pandemic that has lasted for two years now, we have had some excellent contributions and we thank all the readers who during the year sent the news to make this column always active. The entire editorial staff wishes a Happy Christmas and Happy New Year together with their families with the hope that next year will be better than the last two years. Please remember that the next final date to contribute to this page will be on **January 8th, 2022 at 2200 UTC.**

My best 73, *Dario*

