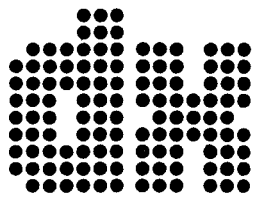


11 - 2020 € 1,50

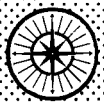


BBC ORTF  
ADIO MOSKOU  
NDR RAI TVR

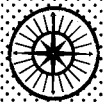
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WORLD WIDE DX CLUB



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- 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 2021

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DX MAGAZINE No. 11

Vol. LV

November 2020

Hello again,

Welcome to another issue of our DX MAGAZINE. Please remember to order the new **WORLD RADIO TV HANDBOOK 2021** as soon as possible, since it is scheduled to be available here in Europe in the beginning or middle of December, as reported in our last DX MAGAZINE. More information on this year's edition can be found on our web page: <<http://www.wwdxc.de/archive/wrth2021.pdf>>.

Bitte denken Sie daran, daß das neue **WORLD RADIO TV HANDBOOK 2021** auch in diesem Jahr wieder Anfang/Mitte Dezember erscheinen wird (s. DX MAGAZINE 10). Ihre Bestellung sollte daher möglichst Ende November bei uns vorliegen, wenn Sie bei der ersten Auslieferung dabei sein wollen.

Until next month take care of each other and stay safe,

## NEWS ABOUT BROADCASTING (+other) STATIONS

Editor: WALTER EIBL ■ eMail: <[news@wwdxc.de](mailto:news@wwdxc.de)>

**ANGOLA** - 4950 kHz R Nacional de Angola, Angola, Mulenvos; Oct 30, at 0039-0043 UT, 2 female in portuguese debate about familiar convivence in quarentine; "ha um momento com novas regras impostas...afinal, que licoes que as nossas familias podem tirar desse periodo de convivencia, nesse periodo de pandemia ... ha muitas familias que colocaram ordem em suas casas..., rapazes e raparigas, todos conseguem distribuir tarefas...". Good, clear. (Lucio Otavio Bobrowiec-BRA, direct and via WOR Oct 31)

**ARMENIA / UZBEKISTAN** - The Mighty KBC has just posted the following on their Facebook page "The Mighty KBC is testing from Yerevan, Armenia & Taskkent, Uzbekistan on November 14th with the following parameters:

6080 kHz 2000-2100 UT {Gavar Armenia wb.} antenna 1780 with 305 degrees, 100 kW.  
6080 kHz 2100-2200 UT {Tashkent UZB wb.} antenna TAC\_01R with 301 degrees 100 kW.

Please spread the Word!" (Alan Roe, Teddington-UK, WOR Nov 3)

AWR ASIA B-20 season schedule:

Only Gavar has these 8 row big curtain beasts at 300 kW, and transmit at 100degr azimuth - see below.

5875	0000	0100	41,42SW	ERV	300	100	218	1234567	Eng	BBC	ENC	419	ENASS
5970	0100	0200	41,42SW	ERV	300	100	218	1234567	Eng	BBC	ENC	441	ENASS
5875	0200	0230	40E,41NW	ERV	300	100	218	1234567	Pus	BBC	ENC	415	PASHA
9880	0200	0230	41	TAC	100	165	147	157	Mu1	MBR	MBR	15138	Y.Indie
11945	0200	0230	41	ERV	100	125	218	1257	Mu1	MBR	MBR	15168	X.Indie
5875	0230	0300	40E,41NW	ERV	300	100	218	1234567	Prs	BBC	ENC	416	DARIA

11945	0230	0300	41	ERV	100	125	218	1	Mu1	MBR	MBR	15169	X.Indie
7445	0300	0330	40E,41NW	ERV	300	100	218	1234567	Pus	BBC	ENC	527	PASHA
15490	0500	0600	48SW,53NW	ERV	300	192	218	7	Kin	BBC	ENC	673	KRWNA
15100	0500	0800	46,47	ERV	300	245	218	1234567	Mu1	MBR	MBR	2740	B.Niger
15490	0529	0600	48SW,53NW	ERV	300	192	218	1	Kin	BBC	ENC	674	KRWNA
15610	0600	0630	46S	ERV	250	222	218	1234567	Fra	AWR	AWR	257	x104
11610	1200	1400	27E,28	ERV	100	305	238	1234567	Mu1	MBR	MBR	2766	A.307
9910	1315	1400	40E,41	ERV	300	100	298	17	Var	TWR	TWR	1312	
9300	1315	1425	40E,41	ERV	300	100	238	23456	Var	TWR	TWR	1305	
9910	1315	1430	40E,41	ERV	300	100	298	23456	Var	TWR	TWR	10145	
9300	1315	1445	40E,41	ERV	300	100	238	17	Var	TWR	TWR	1304	
9765	1500	1530	41S	ERV	300	125	218	1234567	Te1	AWR	AWR	196	x220
9580	1600	1630	41S	ERV	300	125	218	1234567	Eng	AWR	AWR	190	x220
9540	1615	1630	48W	ERV	300	192	218	1234567	Amh	IBR	ENC	561	FE31
9540	1630	1700	48W	ERV	300	192	218	1234567	Amh	IBR	ENC	562	FE04
5875	1700	1800	40E,41NW	ERV	300	100	218	1234567	Prs	BBC	ENC	417	DARIA
7510	1730	1800	48SW	ERV	300	192	218	1234567	Xst	IBR	ENC	546	FE34
5875	1800	1900	40E,41NW	ERV	300	100	218	1234567	Pus	BBC	ENC	418	PASHA
6030	1900	1930	28,29	ERV	100	330	158	7	Mu1	MBR	MBR	15077	X.B2
6030	1900	2000	28,29	ERV	100	330	158	1	Mu1	MBR	MBR	15075	X.B2
6030*	1900	2100	27,28,29	ERV	100	305	238	3	Mu1	MBR	MBR	15074	A.xmas
6080	1900	2200	27E,28NW	ERV	100	305	238	7	Mu1	MBR	MBR	2727	X.307
6155*	2100	2300	27,28,29	ERV	100	305	238	3	Mu1	MBR	MBR	15096	A.xma

\* Christmas on single Holy Night px NDR Hamburg relay. 241220-241220  
(TWR, DX\_SAsia newsgroup via wwdxc BC-DX TopNews Oct 24)

#### AUSTRALIA - New B-20 schedule of Reach Beyond Australia in English:

1200-1230	11825	KNX	100	kW	310	deg	to	SAs	English	Su
1315-1330	11825	KNX	100	kW	310	deg	to	SAs	English	Mo/Wed/Fr
1340-1345	11875	KNX	100	kW	310	deg	to	SAs	Fresh	English Daily
1345-1400	11875	KNX	100	kW	310	deg	to	SAs	English	Daily

And new B-20 schedule of Reach Beyond Australia in Japanese:

2230-2300	15410	KNX	75	kW	5	deg	to	EAs	Japanese	Sa/Su, ex Daily
1100-1130	11905	KNX	75	kW	5	deg	to	EAs	Japanese	Daily, ex Sa/Su

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 19)

#### BANGLADESH - Bangladesh Betar Ext. Sce is again in B-20 winter season HFCC Database:

1230-1300	15105	DKA	250	kW	140	deg	to	SEAs	English
1315-1345	9455	DKA	250	kW	320	deg	to	SAs	Nepali, alt. 7250 kHz
1400-1430	15505	DKA	250	kW	290	deg	to	WAs	Urdu
1515-1545	15505	DKA	250	kW	305	deg	to	SAs	Hindi
1600-1630	7250	DKA	250	kW	290	deg	to	NE/ME	Arabic
1630-1730	7250	DKA	250	kW	290	deg	to	NE/ME	Bangla
1745-1900	13580	DKA	250	kW	320	deg	to	WEu	English, alt.7250/13860
1915-2000	13580	DKA	250	kW	320	deg	to	WEu	Bangla, alt.7250/13860

All other frequencies of NBA with remarks and language are "wooden" registration.

But probably Bangladesh Betar Ext. Service will be again air in 60mb as follows:

1230-2000	4750	SHV	100	kW	non-dir	to	SAs	Eng/Nep/Urdu/Hin/Ara/Ban/Eng/Ban.
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(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

**BOTSWANA** - 12075 Voice of America Botswana acc. RMS; 2121-2132+ UT on Oct 28; French pgm w/En/Fr lesson. SIO=3+53-. Site per HFCC B-20, shows switch to Bambara language at 2130 UT, but continued in French. HFCC shows the Botswana site as Moeping Hill & Aoki as Selebi-Phikwe.  
(Harold Frodge-MI-USA, WOR Oct 29)

**BULGARIA** - WLC Radio again on two frequencies in // via SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site, October 11

0700-1000	17520	SOF	100	kW	126	deg	to	NE/ME	Arabic	World's Last Chance /WLC Radio/
0700-1000	11600	SOF	100	kW	306	deg	to	WEu	instead of Brother Stair TOM in English	
					11600	kHz	with	2	sec.	delay.

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 11)

15515 kHz Radio Warra Wangeelaa via Sofia {SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site}, at 1500 UT on Oct 10; poor signal from \*1500- UT with Oromo pgm, HOA music right now. Not sure if being jammed with white noise as is underneath a lot of crud ... This is a once-weekly pgm, Saturdays 1500-1530 UT. Signal improving a bit by 1508, OM and YL in conversation. Has settled-in with a just so-so level signal, preaching and bits of HOA mx. (Ralph Perry-IL-USA, in naswa via WOR Oct 11)

### **BULGARIA / FRANCE / MADAGASCAR / VATICAN STATE -**

Winter B-20 schedules of FPU RadioTamazuj, FPU Radio Dabanga and MGB Eye Radio:

0329-0427 6005 MDC 250 kW 335 deg to Eaf Juba Arabic, exF  
 0329-0427 7315 F 250 kW 138 deg to Eaf Juba Arabic, exMDC  
 1459-1557 11705 MDC 250 kW 335 deg to Eaf Juba Arabic as B-19  
 1459-1557 15400 SMG 250 kW 138 deg to Eaf Juba Arabic as B-19  
 English news: 1544-1556 UTC Tue/Fri and 0414-0426 UTC Wed/Sat

FPU Radio Dabanga:

0429-0457 7315 SMG 250 kW 146 deg to Eaf Darfur Arabic as B-19  
 0429-0457 11650 MDC 250 kW 335 deg to Eaf Darfur Arabic as B-19  
 1529-1627 11640 BUL 100 kW 195 deg to Eaf Darfur Arabic as B-19  
 1529-1627 15550 SMG 250 kW 151 deg to Eaf Darfur Arabic, exF

Updated winter B-20 schedule of MGB Eye Radio - final version:

0359-0457 7340 SMG 250 kW 151 deg to Eaf Juba Arabic\* Mo-Fr, as B-19  
 0459-0557 9600 SMG 250 kW 146 deg to Eaf only English Mo-Fr new B-20  
 1559-1657 15410 SMG 250 kW 151 deg to Eaf Juba Arabic\* Mo-Fr, exF  
 1659-1757 15410 SMG 250 kW 151 deg to Eaf only English Mon-Fr, exF  
 including nx in other languages English / Dinka / Nuer / Shilluk / Bari / Zande / Lutoho.  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 21)

### **DENMARK - Winter B-20 season shortwave schedules schedule from Denmark**

World Music Radio via Bramming & Randers

0000-2400 on 5840 BRG 0.1 kW / non-dir to WEu Music/Vary lang Daily &  
 0700-2000 on 15805 RND 0.2 kW / 180 deg to SoEaEUR Music/Vary lang Sa/Su

Radio OZ-Viola via Hilleroed:

2000-2300 on 5980 HIL 0.1 kW / non-dir to WEu Danish/English Wed and  
 1100-1400 on 5980 HIL 0.1 kW / non-dir to WEu Danish/English Sa/Su

Radio 208 via Ishoej/Hvidovre:

0000-2400 on 1440 ISJ 0.5 kW / non-dir to WEu Danish/English Daily  
 0000-2400 on 5805 HVI 0.2 kW / non-dir to WEu Danish/English Daily  
 (now 250 W as to Stig Hartvig Nielsen, Nov 4th - we)  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 11)

### **ECUADOR - HCJB DX-Sendung auf 6050 kHz direkt aus Ecuador.**

"Hallo DXer, wie im letzten Winter strahlen wir wieder das DX-Programm von Horst Wiese von der Arbeitsgemeinschaft Radio HCJB e.V.-Deutschland aus. Sendezeit jeweils samstags um 4 und 5 Uhr UTC. Empfangsberichte bitte an:

<deutsch-at-andenstimme.org> oder FAX / Voicemail unter Deutschland (+49)(0)32123582367

Leider hat der ecuadorianische Staat vor 3 Monaten die Post abgewickelt - ein 179-jaehriges Staatsunternehmen. Es hat sich kein Investor gefunden, der die marode Institution uebernehmen wollte. Daher koennen wir nur per Emailantwort oder Postversand (QSL eingescannt) aus Deutschland bestaetigen. Eine QSL-Antwort direkt aus Ecuador wuerde 90 US\$ kosten ...

Herzliche Gruesse aus Quito - Ecuador - Horst"

(HCJB Quito via Thomas Schweder-D, via wwdxc BC-DX TopNews Oct 30)

### **ESWATINI - Winter B-20 season frequency changes of Trans World, TWR Radio Africa Johannesburg bureau;**

Manzini SWZ bcst center:

1415-1555 NF 7455 MAN 100 kW 003 deg to SAf English/Shona, ex 7300  
 1530-1545 NF13580 MAN 100 kW 005 deg to Eaf Arabic Mo-Fr, ex15105  
 1745-1840 NF 9380 MAN 100 kW 005 deg to Eaf Swahili/Turkina,ex 9475

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

**FRANCE** - Winter B-20 season of Radio France International COVID-19 px

0900-1100 13695 F 500 kW 200 deg to NWAf French Special  
 0900-1100 15300 F 500 kW 180 deg to NWAf French Special  
 0900-1100 17850 F 500 kW 160 deg to CAF French Special  
 0900-1100 21580 F 500 kW 150 deg to CAF French Special  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

17545 kHz Radio Sinit Eritrea, Sawt Al Samood via TDF Issoudun, at 1540 UT Oct 10; again not there at sked \*1500-UT sign on for this Sa morning's broadcast. Last week, though, it did show up late when rechecked fqy at 1540 UT, so perhaps is taking the air from \*1530- UT ? - yup, they are signing on at \*1530 UT.

Nice thick carrier flipped on at BOH and programming in progress. Signal improving as they go, as if xmtr warming up, though we know that's no longer "a thing", right? Abrupt s/off 1558 UT, no anthem or theme song or nothing. Just boom and gone. (Ralph Perry-IL-USA, in naswa via WOR Oct 11)

B-20 last minute changes of Telediff. d'Algerie via TDF Issoudun:

0400-0459 6060 ISS 500 kW 160 deg CEAF Ar Holy Quran program no change  
 0500-0559 6105 ISS 500 kW 194 deg NWAf Ar Holy Quran program no change  
 0500-0559 NF7295 ISS 500 kW 160 deg CEAF Ar Holy Quran program, not 6060  
 0600-0659 NF7245 ISS 500 kW 170 deg CEAF Ar Holy Quran program, not 6105  
 including French news bulletin 0450-0458 and 0500-0513 UT, both confirmed October 28.  
 1800-1859 7375 ISS 500 kW 160 deg CEAF Arabic Holy Qur'an program  
 1900-1959 7315 ISS 500 kW 194 deg NWAf Ara/Fre Radio Algerie Int.  
 1900-1959 7375 ISS 500 kW 160 deg CEAF Ara/Fre Radio Algerie Int.  
 2000-2059 5940 ISS 500 kW 160 deg CEAF Arabic Holy Qur'an program  
 2000-2059 6140 ISS 500 kW 194 deg NWAf Arabic Holy Qur'an program  
 2100-2159 5940 ISS 500 kW 160 deg CEAF Arabic Holy Qur'an program  
 2100-2159 6040 ISS 500 kW 194 deg NWAf Arabic Holy Qur'an program  
 2200-2259 6040 ISS 500 kW 194 deg NWAf Arabic Holy Qur'an program  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 28)

**GERMANY [ARMENIA / BULGARIA / FRANCE / MADAGASCAR / TAJIKISTAN / U.S.A. / UZBEKISTAN] -**

MEDIA BROADCAST GmbH (formerly T-SYSTEMS - DTK) - B-20 period (25/10/2020 - 27/03/2021) Times are in UTC.

B-20 operational MBR schedule of October 25th, 2020:

FREQ	STARTSTOP	CIRAF	ANT	AZI	DAY	FROM	TO	LOC	POW	BRC	REMARKS
5950	0400	0430	28SE	140	216	1234567	251020	270321	NAU	125	AWR Bod
5950	0400	0430	28SE	140	216	1234567	251020	270321	NAU	125	AWR Bu1
5950	0430	0500	37, 38W	210	216	1234567	251020	270321	NAU	125	AWR Fra
6120	1900	2000	37, 38W	210	146	1234567	251020	270321	NAU	250	AWR Ara
6155	1530	1600	41N, 42S	125	418	56	251020	270321	DB	100	AWR Bod
6155	1530	1600	41N, 42S	125	418	12347	251020	270321	DB	100	AWR Eng
7225	2000	2030	46E, 47W	185	218	1234567	251020	270321	NAU	250	AWR Fra
7325	1930	2000	37, 38W	210	216	1234567	251020	270321	NAU	125	AWR Shi
7350	0300	0330	48	140	216	1234567	251020	270321	NAU	250	AWR Tir
7410	1500	1530	41S	163	911	1234567	251020	270321	TAC	100	AWR Tam
7410	1530	1600	41W	163	911	1234567	251020	270321	TAC	100	AWR Guj
9460	1200	1300	44NE, 45NW	90	911	1234567	251020	270321	TAC	100	AWR Kor
9580	1600	1630	41S	125	218	1234567	251020	270321	ERV	300	AWR Eng
9610	1000	1100	28W	180	216	1	251020	270321	NAU	125	AWR Ita
9765	1500	1530	41S	125	218	1234567	251020	270321	ERV	300	AWR Te1
9800	1200	1230	33S, 43N, 44N	60	418	12345	251020	270321	DB	100	AWR Nan
9800	1200	1230	33S, 43N, 44N	60	418	67	251020	270321	DB	100	AWR Cmn
9800	1230	1300	33S, 43N, 44N	60	418	6	251020	270321	DB	100	AWR Cmn
9800	1230	1300	33S, 43N, 44N	60	418	123457	251020	270321	DB	100	AWR Yue
9800	2130	2200	46SE	200	216	1234567	251020	270321	NAU	250	AWR Twi
9830	1600	1630	28SE	135	216	1234567	251020	270321	NAU	125	AWR Bu1
9850	1930	2000	46SE	165	211	1234567	251020	270321	F	250	AWR Ibo
9860	0600	0630	46S	200	216	1234567	251020	270321	NAU	250	AWR Fra
11640	0600	0630	46S	180	216	1234567	251020	270321	NAU	250	AWR Fra
11870	1730	1800	48	142	216	1234567	251020	270321	NAU	250	AWR Orm

11955	1630	1700	48	140	216	1234567	251020	270321	NAU	250	AWR	Tir
11980	0700	0800	37, 38W	210	216	1234567	251020	270321	NAU	250	AWR	Ara
12040	1630	1700	48	140	216	1234567	251020	270321	NAU	250	AWR	Amh
15145	0830	0900	37, 38W	210	218	1234567	251020	270321	NAU	125	AWR	Shi
15490	1630	1700	48	139	218	1234567	251020	270321	NAU	250	AWR	Som
15550	1330	1400	54N	121	418	237	251020	270321	TAC	100	AWR	Ind
15550	1330	1400	41NE	121	418	14	251020	270321	TAC	100	AWR	Asm
15550	1330	1400	41NE	121	418	56	251020	270321	TAC	100	AWR	Hmn
5935	1915	1930	39, 40	130	216	1	251020	270321	NAU	250	BVB	Mu1
5995	1710	1730	38E, 39, 40W	132	616	2	251020	270321	SOF	100	BVB	Mu1
5995	1715	1730	38E, 39, 40W	132	616	4	251020	270321	SOF	100	BVB	Mu1
5995	1715	1745	38E, 39, 40W	132	616	56	251020	270321	SOF	100	BVB	Mu1
5995	1715	1745	38E, 39, 40W	132	616	7	251020	270321	SOF	100	BVB	Mu1
6080	1930	2015	39	130	216	1	251020	270321	NAU	125	BVB	Mu1
7365	1800	1900	39, 40	105	216	5	251020	270321	NAU	100	BVB	Mu1
7365	1800	1830	39, 40	105	216	6	251020	270321	NAU	100	BVB	Mu1
7365	1830	1900	39, 40	105	216	13	251020	270321	NAU	100	BVB	Mu1
9440	0600	0615	46N, 47NW, 38W, 37S	180	146	1234567	251020	270321	NAU	125	BVB	Mu1
9450	0500	0515	39, 40	120	216	6	251020	270321	NAU	250	BVB	Mu1
9715	1830	1930	39	115	218	17	251020	270321	MOS	100	BVB	Mu1
9715	1800	1815	39	115	218	6	251020	270321	MOS	100	BVB	Mu1
9715	1800	1830	39	115	218	5	251020	270321	MOS	100	BVB	Mu1
11790	1600	1700	38S, 39S, 47, 48	142	218	1	251020	270321	NAU	100	BVB	Mu1
11790	1730	1800	38S, 39S, 47, 48	142	218	1	251020	270321	NAU	250	BVB	Mu1
11790	1600	1630	38S, 39S, 47, 48	142	218	2	251020	270321	NAU	100	BVB	Mu1
11790	1600	1800	38S, 39S, 47, 48	142	218	3	251020	270321	NAU	100	BVB	Mu1
11790	1630	1700	38S, 39S, 47, 48	142	218	7	251020	270321	NAU	100	BVB	Mu1
11790	1730	1800	38S, 39S, 47, 48	142	218	7	251020	270321	NAU	250	BVB	Mu1
11790	1700	1800	38S, 39S, 47, 48	142	218	4	251020	270321	NAU	100	BVB	Mu1
11790	1700	1730	38S, 39S, 47, 48	142	218	5	251020	270321	NAU	100	BVB	Mu1
11790	0200	0230	41	50	218	5	251020	270321	MDC	125	BVB	Mu1
11875	1630	1700	47, 48	135	217	1234567	251020	270321	F	100	BVB	Mu1
11900	1400	1430	41	102	216	7	251020	270321	NAU	250	BVB	Mu1
11900	1430	1500	41	102	216	7	251020	270321	NAU	250	BVB	Mu1
17650	1200	1230	43S, 44S	45	157	7	251020	270321	MDC	125	BVB	Mu1
21480	1230	1245	54	85	157	1	251020	270321	MDC	125	BVB	Mu1
9850	1800	1900	46, 47	167	206	1234567	251020	270321	F	100	DAK	Mu1
13590	0700	0800	46, 47	185	218	1234567	251020	270321	NAU	125	DAK	Mu1
7235	1800	1900	46, 47W	164	216	1234567	251020	270321	F	500	DWL	Hau
9570	0630	0700	46, 47W	160	216	1234567	251020	270321	F	500	DWL	Hau
9570	1800	1900	46, 47W	170	216	1234567	251020	270321	F	500	DWL	Hau
9830	0630	0700	46, 47W	170	211	1234567	251020	270321	F	500	DWL	Hau
11830	1600	1700	48	130	216	1234567	251020	270321	F	500	DWL	Amh
15195	1425	1630	46, 47W	165	227	7	311020	071120	F	500	DWL	Hau
15195	1425	1630	46, 47W	165	227	7	211120	191220	F	500	DWL	Hau
15195	1425	1630	46, 47W	165	227	7	020121	200321	F	500	DWL	Hau
15275	1600	1700	48	130	217	1234567	251020	270321	F	500	DWL	Amh
15350	1425	1630	46, 47W	172	217	7	311020	071120	F	500	DWL	Hau
15350	1425	1630	46, 47W	172	217	7	211120	191220	F	500	DWL	Hau
15350	1425	1630	46, 47W	172	217	7	020121	200321	F	500	DWL	Hau
17800	1300	1400	46, 47W	172	217	1234567	251020	270321	F	500	DWL	Hau
6055	1130	1200	27, 28	222	146	17	251020	270321	NAU	125	EMG	Mu1
9500	1530	1630	29S	100	146	7	251020	270321	NAU	100	HCJ	Mu1
7330	1100	1200	27, 28	283	805	1	251020	270321	MOS	100	JOY	Mu1
5960	0000	0200	2, 3, 4, 6, 7, 8, 9, 10	300	216	1	251020	270321	NAU	125	KBC	N1dEng
6045	0900	1000	27E, 28	240	146	1	251020	270321	NAU	125	KBC	N1dEng (on-demand)
6095	0800	1600	18SW, 27, 28W, 37N	240	156	1234567	251020	270321	NAU	100	KBC	N1dEng (on-demand)
9475	0800	0900	27N, 28S	230	146	1	251020	270321	NAU	125	KBC	N1dEng (on-demand)
5985	0400	0430	10, 11, 12	222	805	1234567	251020	270321	RMI	100	NHK	Spa
6155	0430	0500	27SE, 28SW	ND	926	23456	251020	270321	MOS	300	NHK	Eng
6155	0500	0530	27SE, 28SW	ND	926	17	251020	270321	MOS	100	NHK	Eng
6165	0430	0500	27, 28	85	146	1234567	251020	270321	NAU	125	NHK	Rus
7265	0300	0500	38, 39, 40	140	216	1234567	251020	270321	NAU	250	NHK	Jpn
9765	1700	1900	38, 39, 40	140	216	1234567	251020	270321	NAU	250	NHK	Jpn
5945	1300	1400	45	66	418	7	251020	270321	TAC	100	PAB	Mu1
5945	1630	1730	42, 43, 44	90	911	1	251020	270321	TAC	100	PAB	Mu1
6060	1630	1730	41	163	911	1	251020	270321	TAC	100	PAB	Mu1
6120	1600	1700	39	128	216	1	251020	270321	NAU	125	PAB	Mu1
11800	1430	1445	41	94	216	1	251020	270321	NAU	250	PAB	Mu1
6045	1100	1400	27E, 28	233	156	1234567	251020	270321	NAU	100	RSZ	Mu1 (on-demand)
11610	1200	1400	27E, 28	305	238	1234567	251020	270321	ERV	100	RSZ	Mu1 (on-demand)
9610	1700	1800	38E, 39S, 48	144	216	4	251020	270321	NAU	100	SBO	Mu1
9610	1700	1730	38E, 39S, 48	144	216	16	251020	270321	NAU	100	SBO	Mu1
5990	1000	1600	27E, 28	233	146	1234567	251020	270321	NAU	125	SFZ	Mu1 (on-demand)

1st Sa p.M.

1st Su p.M.

15420	1800	1859	48SW,52NE,53NE	320	159	7	251020	270321	MDC	250	SJK	Mu1
5935	1300	1400	27E,28NW	233	146	1234567	251020	270321	NAU	125	SKW	Mu1 (on-demand)
6140	0900	1000	27E,28NW	270	805	1	251020	270321	MOS	100	SKW	Mu1 1st Su p.M.
6095	1100	1200	27E,28	233	156	7	251020	270321	NAU	100	ST2	Deu 1st Sa p.Q.

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  
 HCJ Reach Beyond (former Voice of the Andes)  
 Sats only, 1530 UTC Russian, 1600 UTC Chechen language  
 JOY Radio Joystick, Germany  
 KBC The Mighty KBC  
 NHK NHK (JAPAN BROADCASTING CORPORATION)  
 PAB Pan Am Broadcasting  
 RSZ Radio60!  
 SBO Sagalee Bilisummaa Oromoo, Voice of Oromo Liberation. Berlin  
 SFZ Studio 52  
 SJK Radio Itahuka in Kirundi Ce/EaAfrica Burundi-Rwanda on Sats.  
 Please send report to QSL-Shortwave@media-broadcast.com  
 SKW Förderverein "Sender Königs Wusterhausen" e.V.  
 ST2 SE-TA 2, Saxonia, Germany

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>>

(MBR PDF file, transformed by Mike Bethge-D, wwdxc BC-DX TopNews Oct 21)

Winter B-20 schedule of Mighty KBC Radio via MBR Nauen site:

0000-0200	5960	NAU	125	kW	300	deg	to	ENAm	English	B-20	,	every	Su
2100-2300	6080	NAU	100	kW	240	deg	to	WEu	English	Sa	December	05	
0900-1600	6095	NAU	100	kW	240	deg	to	WEu	English	Su	December	27	
2100-2300	6080	NAU	100	kW	240	deg	to	WEu	English	Su	December	27	

(Ron Howard-CA-USA, via wwdxc BC-DX TopNews Nov 1)

Winter B-20 single day broadcasts of Media Broadcast

NDR Christmas "Gruss an Bord/Greeting abroad" December 24, 2020:

1900-2100	6030	ERV	100	kW	305	deg	to	W/Central	Europe	German			
1900-2100	6080	N	125	kW	250	deg	to	Northern	Atlantic	German			
1900-2100	9570	OE	100	kW	115	deg	to	Indian	Ocean	East	German		
1900-2100	9740	N	125	kW	130	deg	to	Indian	Ocean	West	German		
1900-2100	9800	F	250	kW	148	deg	to	Indian	Ocean/SoAF	German			
1900-2100	11650	F	250	kW	195	deg	to	Southern	Atlantic	German			

2100-2300	6145	N	125	kW	250	deg	to	Northern	Atlantic	German			
2100-2300	6155	ERV	100	kW	305	deg	to	W/Central	Europe	German			
2100-2300	9590	F	250	kW	148	deg	to	Indian	Ocean/SAf	German			
2100-2300	9675	OE	100	kW	115	deg	to	Indian	Ocean	East	German		
2100-2300	9740	N	125	kW	130	deg	to	Indian	Ocean	West	German		
2100-2300	9830	F	250	kW	195	deg	to	Southern	Atlantic	German			

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 16)

**GERMANY / U.S.A.** - Encore - Classical Music - Winter Schedule.

Regular Broadcast times of Encore are:

11:00-12:00 UT Saturday 6070 kHz Channel 292 to Europe - Simulcast on 9670 kHz.  
 Repeated:



01:00-02:00 UT Sunday 5850 kHz Simulcast on 5010 kHz WRMI to NAm/CAm  
 17:00-18:00 UT Sunday 9670 kHz Channel 292 to Europe  
 22:00-23:00 UT Sunday 3955 kHz Channel 292 to Europe  
 03:00-04:00 UT Monday 9455 kHz WRMI to the US and Canada  
 13:00-14:00 UT Tuesday 15770 kHz WRMI to Eu, East coast of US/Iceland.  
 03:00-04:00 UT Thursday 5800 kHz WRMI to South America and Caribbean.  
 13:00-14:00 UT Thursday 15770 kHz WRMI to Eu, East coast of US/Iceland.  
 20:00-21:00 UT Friday 6070 kHz Channel 292 to Europe.

Our email is <encoretumbri -at- gmail.com> Informal reception reports as well as those requesting eQSL welcome. The website is <<http://www.tumbri.co.uk/>> where we show transmission times and frequencies, the playlist for the most recent programme, more information about Radio Tumbri, and the email link.

This week's programme\* has plenty of woodwind. The Adagio for English Horn by Mozart, a quartet featuring the english horn, and part of a wind quintet by Danzi - all gentle and soothing.

Also, there will be a motet by Leonel Power, a Bach solo piano piece, part of a Bloch String quartet and some more contemporary composition from Stefania de Kenessay. Channel 292 can be pulled live off the internet if the reception is poor in your location. Easy to find their site with a google search. A very good site for online SDR receivers all over the world is:

<<http://kiwisdr.com/public/>> Click the 'Map' button in the top left of the screen.

(Brice Avery - Encore - Radio Tumbri - Scotland <<http://www.tumbri.co.uk/>> WOR Oct 30)

### GUAM - KTWR GUAM B-20 winter schedule - Effective 25th Oct 2020 to 27th March 2021:

FREQ	START	STOP	CIRAF	PWR	AZI	SLEW	ANT	Su	M	Tu	W	Th	F	S	LANGUAGE
11965	1000	1015	54	100	278	-30	4/4/1	Su							ENGLISH
11965	1000	1030	54	100	278	-30	4/4/1	M	Tu	W	Th	F			MADURESE
11965	1030	1100	54	100	278	-30	4/4/1	M	Tu	W	Th	F			SUNDANESE
11965	1030	1100	54	100	278	-30	4/4/1	Su	Sa						INDONESIAN
11965	1100	1130	49,50,54	100	278	-15	4/4/1	Su	M	Tu	W	Th	F		ENGLISH
11965	1130	1145	49,50,54	100	278	-15	4/4/1	Tu	Th	F					ENGLISH
12040	1145	1215	49	100	278	+15	4/4/1	M	Tu	W	Th	F	S		BURMESE
12040	1215	1230	49	100	278	+15	4/4/1	Su	M	Tu	W	Th	F		KWA SAGEN
12040	1230	1245	49	100	278	+15	4/4/1	M	Tu	W	Th	F			KWA SAGEN
9975	1245	1300	49	100	278	0	4/4/1	Su							VIETNAMESE
9975	1245	1330	49	100	278	0	4/4/1	Sa							VIETNAMESE
9910	1100	1200	42-44	200	320	-15	4/4/1	Su							MANDARIN
9910	1200	1215	42-44	200	320	-15	4/4/1	Su	M	Tu	W	Th	F		MANDARIN
9910	1215	1245	41	250	320	-30	4/4/1	M	Tu	W	Th	F			ASSAMESE
9910	1245	1315	41	250	320	-30	4/4/1	M	Tu	W	Th	F			KOK BOROK
9910	1300	1315	41	250	320	-30	4/4/1	Su							MANIPURI
9910	1300	1315	41	100	320	-30	4/4/1	Sa							NEPALI
9975	1315	1400	42-44	200	320	-15	4/4/1	M	Tu	W	Th	F			MANDARIN
9975	1315	1345	42-44	200	320	-15	4/4/1	Su	Sa						MANDARIN
9910	1100	1130	42-44	90	320	-15	4/4/1	Sa	DRM						MANDARIN
11995	1000	1022	51,55-60	100	165	0	2/2/1.5	M	Tu	W	Th	F			ENGLISH
11995	1000	1045	51,55-60	100	165	0	2/2/1.5	Sa							ENGLISH
15200	1030	1100	41	90	285	0	4/4/1	Su	DRM						ENGLISH
9975	1100	1115	32-33	200	315	0	4/4/1	Su	M	Tu	W	Th	F	S	MONGOLIAN
9975	1115	1200	42-44	200	315	0	4/4/1	Su	M	Tu	W	Th	F	S	Hui/Hak
9975	1200	1215	43-44	200	315	0	4/4/1	Su	M	Tu	W	Th	F	S	Yue
9975	1215	1230	43-44	200	315	0	4/4/1	M	Tu	W	Th	F	Sa		NOSU Yi
7500	1215	1245	45	200	320	0	2/3/0.5	Su							JAPANESE
7500	1245	1316	45	90	320	0	2/3/0.5	Su	DRM						JAPANESE
11580	1245	1315	41	250	285	0	4/4/1	Th	F	Sa					FEBC
7510	1315	1345	44-45	200	320	0	2/3/0.5	M	Tu	W	Th	F			KOREAN
7510	1315	1345	44-45	100	320	0	2/3/0.5	Sa							ENGLISH
7510	1345	1515	44-45	200	320	0	2/3/0.5	Su	M	T	W	T	F	S	KOREAN
7515	1515	1615	44-45	250	320	0	2/3/0.5	Tu	W	Th	F				KOREAN
7510	1515	1545	44-45	200	320	0	2/3/0.5	Su	M	Sa					KOREAN
7515	1545	1615	44-45	250	320	0	2/3/0.5	Sa							KOREAN

Reception reports to: <asiafeedback -at- twr.org>  
 (KTWR via Alokesh Gupta-IND, DX\_SoAsia, Oct 16)

**INDIA** - According to well informed sources the following AIR stations were taken off air from yesterday

1. Chennai 4920 7380
2. Hyderabad 4800 7430
3. Bhopal ?? 4810 7430

The following stations were heard today evening

Jaipur 4910, 7325, Jeypore 5040, Srinagar 4950, Leh 4760

(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India)

Regret to inform that AIR Jaipur from Rajasthan is also leaving SW from Friday 23 Oct 2020. Their 50 kW SW tx installed in 1992 operates on 4910 & 7325 kHz.

Schedule: 4910 kHz 0025 0430, 1130-1751 UTC and 7325 kHz 0630-0930 UTC

(Jose Jacob-IND VU2JOS, DXindia Oct 21)

**IRAN** - Winter B-20 frequency changes of VIRI IRIB / PARS TODAY, updated:

0330-0600 NF 9725 SIR 500 kW 256 deg to NE/ME Arabic, ex7370 B-19  
 0553-0820 NF 13690 SIR 500 kW 046 deg to WAs Dari, ex12035 B-19  
 0923-1250 11930 SIR 550 kW 065 deg to WAs Dari, deleted in B-19  
 0923-1250 11670 SIR 550 kW 065 deg to WAs Dari will be inactive  
 0923-1250 13690 SIR 550 kW 065 deg to WAs Dari will be inactive  
 0930-1430 NF 9800 SIR 500 kW 256 deg to NE/ME Arabic, ex15130 B-19  
 1253-1420 NF 9835 SIR 500 kW 090 deg to SAs Urdu, ex6000 B-19  
 1423-1520 NF 6150 SIR 500 kW 090 deg to SAs Bengali, ex7250 B-19  
 1423-1520 7445 SIR 500 kW 102 deg to SAs Hindi-deleted in B-19  
 1423-1520 6175 SIR 500 kW 102 deg to SAs Hindi will be inactive  
 1423-1520 9390 SIR 500 kW 102 deg to SAs Hindi will be inactive  
 1523-1620 NF 7300 SIR 500 kW 105 deg to SEAs English, ex7445 B-19  
 1553-1720 NF 9870 SIR 500 kW 310 deg to NE/ME Turkish, ex5925 B-19  
 1623-1720 NF 5935 ZAH 500 kW non-dir to WAs Pashto, B-20 new prgr  
 1653-1750 NF 7290 SIR 500 kW 320 deg to EaEUR Russian, ex9835 B-19  
 1723-1820 NF 5940 SIR 500 kW 320 deg to WEu German, ex7295 B-19  
 1753-1820 NF 5930 SIR 500 kW 300 deg to SoEaEUR Italian, ex6135 B-19  
 1823-1920 NF 9475 SIR 500 kW 253 deg to NoWaf Hausa, ex9715 B-19  
 2353-0250 NF 5980 SIR 500 kW 298 deg to SAm Spanish, ex6090 B-19  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 16)

6000.003 IRIB Sirjan Urdu language service, at 16.02 UT. in Delhi India remotely, S=9+10dB or -61dBm. 6070.003 TUR TRT Emirler - likely - fair signal at 16.09 UT on Oct 25, in Persian S=9+15dB or -59dBm.

9725.009 VoIRI Arabic sce towards Saudi Arabia at 03.30-06.00 UT, via Sirjan site, endless speech-like S=9+35dB into Doha Qatar remote SDR rx, at 05.32 UT on Nov 1. Even 18 kHz wideband signal.

11875.005 VoIRI Turkish sce via Sirjan site, 04.20-05.50 UT scheduled, at 05.38 UT S=9+20dB sidelobe signal into Qatar remotely monitoring.

13820even // 9725 Same VoIRI Arabic sce; via Zahedan site noted at S=9+30dB powerful signal level at 05.55 UT on Nov 1st.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Nov 1)

**JAPAN** - Winter B-20 schedule of JSR Shiokaze / Sea Breeze:

1300-1400 6145 YAM 300 kW 280 deg to NEAs various langs  
 1300-1400 7295 YAM 300 kW 280 deg to NEAs various langs  
 1300-1330 Japanese Mon/Tue/Sat/Sun; Korean Wed/Fri; English Thu.  
 1330-1400 Korean Wed/Fri/Sat/Sun; Japanese MoTue; English Thu.  
 1600-1700 5990 YAM 300 kW 280 deg to NEAs various langs  
 1600-1700 6085 YAM 300 kW 280 deg to NEAs various langs  
 1600-1630 Japanese Mon/Tue/Sat/Sun; Korean Wed/Fri; English Thu.  
 1630-1700 Korean Wed/Fri/Sat/Sun; Japanese Mo/Tue; English Thu.

Winter B-20 schedule of Furusato no Kaze via JSR Shiokaze:

1405-1435 6045 YAM 300 kW 280 deg to NEAs Japanese Daily  
 1405-1435 7270 YAM 300 kW 280 deg to NEAs Japanese Daily

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 26)

**JAPAN [AFGHANISTAN / AUSTRIA / BANGLADESH / FRANCE / GERMANY / INDIA / LITHUANIA / MADAGASCAR / MYANMAR / {RUSSIA - Moscow temporarily suspended !} / SINGAPORE / TAJIKISTAN / TANZANIA / THAILAND / U.A.E. / U.S.A. / UZBEKISTAN / VATICAN STATE] -**

NHK World - Radio Japan Tokyo - October 25, 2020 - March 28, 2021.  
B-20 Northern winter season file, according NHK World Radio Japan PDF.file

Foreign language and Japanese Services - via AM / SW only.

Arabic

0600-0630 ME/NAf 6165/F

Bengali

1300-1345 SWAs 11685/SNG

Burmese

1030-1100 SEAs 11740/SNG

1430-1500 SEAs 11740/SNG

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1445-1505 Wed/Sa only !

SEAs SW 5985 MW 576 Myanma Radio, Yangon Yaegu

SEAs MW 594 Myanma Radio, Nay Pyi Taw

2340-2400 SEAs 13650/Yam

Chinese

0400-0430 AS 11825/Yam

1130-1200 AS 6090/Yam

1230-1300 AS 6190/Yam

1330-1400 AS 6190/Yam

1430-1500 AS 6190/Yam

2230-2250 AS 9560/Yam

English

Mon - Fri 0430-0500 UT. sa/Su 0500-0530 UT.

EUR 6155/OE

AF/WAf 7245/VAT

AF/EAf/SoAF 7445/F

1100-1130 SEAs 11825/SNG

1400-1430 SWAs 6165/UZB

1400-1430 SEAs 11925/UAE

Via MRTV Myanmar Radio Yangon Yaegu, Myanmar.

1540-1600 Thur and Fr

SWAs SW 5985 MW 576 Myanma Radio, Yangon Yaegu

SWAs MW 594 Myanma Radio, Nay Pyi Taw

French

0530-0600 WAf 7450/F

0530-0600 CAf 13840/MDG

2030-2100 WAf 9855/MDG

Hindi

0059-0120 SWAs 6155/UZB

1430-1500 SWAs 15720/MDG

1530-1600 SWAs 7565/UZB

Indonesian

1115-1145(!) SEAs 17830/UAE

1315-1345(!) SEAs 11925/UAE

MW 1170 kHz Simalungun - Radio Rasita.

# 12

2130-2200 SEAs 6075/Yam

## Japanese

0200-0300 AS FE 11790/Yam  
0200-0500 AS 15195/Yam  
0700-0800 AS 11825/Yam  
0800-1600 AS 9750/Yam  
2100-2400 AS 11910/Yam  
2000-2100 OCE/Hawaii 9625/Yam  
0200-0500 SEAs 17810/Yam  
0700-1000 SEAs 15280/Yam  
1000-1500 SEAs 11815/Yam  
2100-2300 SEAs 11630/Yam  
0200-0400 SWAs 15325/Yam  
1300-1400 SWAs 9795/Yam  
1500-1700 AF/SWAs/SAs 9680/Yam  
0800-1000 SEu/WAf 15290/F  
1700-1900 SEu/CAf/WAf 11945/F  
1900-2100 CAf 15130/F  
0300-0500 SEEu/NE/ME/NEAf 7265/N  
1700-1900 SEEu/NE/ME/NEAf 9765/N  
1900-2100 CAs/ME/NE/NAf 9895/Yam  
0200-0400 SAm 6105/F  
0700-0900 SAm 7445/Yam

## Korean

0415-0445 AS 11895/Yam  
1100-1130 AS 6090/Yam  
1200-1230 AS 6090/Yam  
1300-1330 AS 6190/Yam  
1400-1430 AS 6190/Yam  
2209-2230 AS 9560/Yam

## Persian

0400-0430 ME 9855/UZB  
1430-1500 ME 13725/F  
1630-1700 ME MW927/TJK

## Portuguese

0900-0930 SAm 6195/WHRI

## Russian

0330-0400 Eu {MW 738/MSK - temporarily suspended ! } MW1386/LTU  
0430-0500 Eu 6165/N  
0530-0600 EAs/ FE 11790/Yam  
1100-1130 EAs/ FE 5985/Yam  
1600-1630 Eu {MW 738/MSK - temporarily suspended ! } MW 927/TJK  
1730-1800 Eu MW1386/LTUt

## Spanish

0400-0430 SAm 6195/WHRI  
0400-0430 CSAm 5985/FL  
0930-1000 SSAm 6195/WHRI

## Swahili

0330-0400 EAf 9560/MDG  
1730-1800 EAf 13730/MDG

## Thai

1130-1200 SEAs 11740/SNG  
1230-1300 SEAs 11740/SNG  
1230-1300 SEAs Mo - Fr MW Thammasat University Radio, Bangkok MW 981 kHz  
2259-2320 SEAs 13650/Yam

## Urdu

1515-1545 SWAs 9580/UAE

1700-1730 SWAs MW927/TJK

Vietnamese

1100-1130 SEAs 11740/SNG

1300-1315 Tue-Fr

1300-1320 Mo

1330-1345 Sa

2320-2340 SEAs 13650/Yam

(PDF.file format transformed by wb at wwdxc BC-DX TopNews Oct 21, 2020)

### JAPAN / FRANCE / UZBEKISTAN / VATICAN STATE -

Winter B-20 season frequency changes of NHK World Radio Japan:

0400-0430 NF 9855 UZB 100 kW 236 deg to WAs Persian, ex11965

0430-0500 NF 7245 SMG 250 kW 175 deg to Waf English Mo-Fr, ex9860

0430-0500 NF 7445 F 500 kW 155 deg to SAF English Mo-Fr, ex7410

0500-0530 NF 7245 SMG 250 kW 175 deg to Waf English Sa/Su, ex9860

0500-0530 NF 7445 F 500 kW 155 deg to SAF English Sa/Su, ex7410

0700-0900 NF 7445 YAM 300 kW 85 deg to SAm Japanese, ex9800

1900-2100 NF 9695 YAM 300 kW 305 deg to NE/ME Japanese, ex9670

2100-2300 NF11630 YAM 300 kW 235 deg to SEAs Japanese, ex9890

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

### MOLDOVA / UZBEKISTAN - TWR ASIA B20 - Effective 25th Oct 2020 to 27th March 2021:

LOC	FREQ	START	STOP	CF	PWR	AZI	SLEW	ANT	Days	LANGUAGE
TAC	7280	0045	0100	41	100	131			Su	HINDI
TAC	7280	0045	0115	41	100	131			Mo Tu W Th F	HINDI
TAC	7280	0045	0100	41	100	131			Sa	DZONKHA
KCH	9950	1345	1400	41	300	98	10	2/4/0.5	Su	KURUKH
KCH	9950	1345	1400	41	300	98	10	2/4/0.5	M Tu	VASAVI
KCH	9950	1345	1400	41	300	98	10	2/4/0.5	W	MARWARI
KCH	9950	1345	1400	41	300	98	10	2/4/0.5	Th F	MAWACHI
KCH	9950	1400	1430	41	300	98	10	2/4/0.5	M Tu W Th F	SINDHI
KCH	9950	1430	1445	41	300	98	10	2/4/0.5	M Tu W Th F	HINDI
KCH	7505	1515	1545	41	300	98	0	2/4/0.5	M Tu W Th F	PUNJABI
KCH	7590	1600	1630	41	300	98	0	2/4/0.5	Su M Tu W Th F Sa	URDU
KCH	7505	1445	1500	41	300	98	10	2/4/0.5	M Tu W Th F	PUNJABI
TAC	6240	1545	1600	42	100	66	0	2/4/0.8	Su M Tu W Th F Sa	KAZAKH

Reception reports to: <asiafeedback -at- twr.org>

(TWR Asia via Alokesh Gupta-IND; via RUSdx wwdxc BC-DX TopNews Oct 28)

### NETHERLANDS - Winter B-20 season shortwave schedules from Netherlands:

Radio Piepzender via Zwolle

1600-2400 on 3920 ZW0 0.2 kW / non-dir to WEu Dutch sa/Su

alternative 15880 ZW0 0.2 kW / non-dir to WEu Dutch sa/Su

Mike Radio via Heerde

0600-1200 on 6195 HEE 001 kW / non-dir to WEu Dutch Su

1600-2400 on 3940 HEE 001 kW / non-dir to WEu Dutch Wed/Fr/Sa

Radio Onda ASBL via Margraten

0000-2400 on 6170 MRT 001 kW / non-dir to WEu Portuguese,

ex 5940 kHz in B-19 season.

Radio Delta International via Elburg

0700-1800 on 6020 ELB 001 kW / non-dir to WEu Dutch/English Thu-Sa

2100-0200 on 6005 ELB 001 kW / non-dir to WEu Dutch/English Fr/Sa

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 11)

New frequency of Brazilian Radio Onda via Margraten in HFCC B20 season database.

0000-2400 6140\*MRT 001 kW non-dir to WEu Portuguese, ex6170 kHz to avoid VOKorea D.P.R.

\*2000-2059 6140 ISS 500 kW 194 deg to NWAf Arabic TDA - Telediffusion d'Algerie co-channel !

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 1)

**NEW ZEALAND** - B-20 schedule of Radio New Zealand RNZ Pacific:

AM mode Daily

1959-2258 13840 RAN 50 kW 35 deg to All Pacific English  
 2259-0358 15720 RAN 50 kW 35 deg to All Pacific English, ex2259-0558  
 0359-0758 NF13840 RAN 50 kW 35 deg to All Pacific English, ex11725 B19  
 0759-0958 NF11725 RAN 50 kW 35 deg to All Pacific English, ex 9765 B19  
 0959-1258 NF 9700 RAN 100 kW 325 deg to NWPa/PNG/AS English, ex 6115 B19  
 1259-1650 6115 RAN 50 kW 35 deg to All Pacific English

AM mode Mo-Fr, exDaily in B19 season

0959-1258 NF 9700 RAN 100 kW 325 deg to NWPa/PNG/AS English, ex 6115 B19

AM mode Saturday

1651-1858 6115 RAN 50 kW 35 deg to All Pacific English, ex1651-1958  
 1859-1958 NF11725 RAN 50 kW 35 deg to All Pacific English, ex 6115 B19

DRM mode Su-Fr

1651-1735 5975 RAN 35 kW 35 deg to Tonga/Samoa English  
 1736-1835 7285 RAN 35 kW 35 deg to Tonga/Samoa English  
 1836-1958 NF11690 RAN 35 kW 35 deg to Tonga/Samoa English, ex 9780 B19  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 21)

**PALAU** - T8WH Firing Back Up

Winter B-20 shortwave schedule of 'Hope Radio' via Medorn:

0800-1200 9930 HBN 100 kW 318 deg to EAs English Angel 3  
 0100-0500 15675 HBN 100 kW 270 deg to SEAs English Angel 4  
 0800-1200 9965 HBN 100 kW 345 deg to NEAs English Angel 5  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

**PHILIPPINES** - Winter B-20 season frequency changes of FEBC Manila:

0930-1000 NF15420 BOC 100 kW 245 deg to SEAs Minangkabau, ex15450  
 1030-1100 13870 BOC 100 kW 280 deg to SEAs Iu Mien, additional  
 2300-2330 NF 9875 BOC 100 kW 280 deg to SEAs Iu Mien, ex9450

B-20 season of Radio Pilipinas is not in HFCC, here B-19 sked

0200-0330 9475 PHT 250 kW 283 deg to NE&ME English  
 0200-0330 15640 PHT 250 kW 270 deg to NE&ME English  
 0200-0330 17820 PHT 250 kW 270 deg to NE&ME English  
 1730-1930 9925 PHT 250 kW 283 deg to NE&ME Tagalog  
 1730-1930 12120 PHT 250 kW 283 deg to NE&ME Tagalog  
 1730-1930 15190 PHT 250 kW 283 deg to NE&ME Tagalog  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

**ROMANIA** - Winter B-20 frequency changes of R Romania International/RR1:

0100-0256 NF 7420 TIG 300 kW 307 deg to ENAm Romanian tx#1, ex7340  
 0800-0856 NF 17640 GAL 300 kW 110 deg to WAs Romanian Sun tx#2, ex17850  
 0900-0956 NF 15430 GAL 300 kW 175 deg to Eaf Romanian Sun tx#2, ex11780  
 0900-0956 NF 17640 TIG 300 kW 142 deg to NE/ME Romanian Sun tx#2, ex13630  
 0900-0956 NF 17640 GAL 300 kW 175 deg to Eaf Romanian tx#1, ex15380  
 1200-1256 NF 21470 TIG 300 kW 172 deg to Eaf English tx#1, ex15600  
 1400-1456 NF 7210 TIG 300 kW 052 deg to FE RUS Russian tx#2, ex 7445  
 1630-1656 NF 5925 TIG 300 kW 142 deg to NE/ME Arabic tx#2, ex 6100  
 1800-1856 NF 6030 TIG 300 kW 292 deg to WEu English tx#2, ex 5935  
 2300-2356 NF 6090 TIG 300 kW 052 deg to EAs English tx#2, ex 9620  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 16)

**SPAIN** - REE, schedule B-20. from 25 Oct 2020 - 28 March 2021:

1600-2400 Mon to Fri 11685 SWAf 12030 ME  
 1900-2400 Mon to Fri 9690 NAm 11940 SAm  
 0000-0300 Tue to Sat 9690 NAm 11940 SAm

1500-2300 Sat & Sun 9690 NoAM 11685 SoWaf 11940 SAm 12030 ME

and this is the languages schedule:

#### Arabic

1630-1700 11685 SoWaf, 12030 ME Mo to Fr

2130-2200 9690 NoAM, 11940 SAm Mo to Fr

#### Spanish

0000-0200 9690 NoAM, 11940 SAm Tue, Wed, Thu, Sat

0000-0300 9690 NoAM, 11940 SAm Fri

1500-2130 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Sun

1500-2300 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Sat

1600-1630 11685 SoWaf, 12030 ME Mon to Fri

1700-1730 12030 ME Thu

1730-1900 11685 SoWaf, 12030 ME Mon to Fri

1900-2130 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Mon to Fri

2130-2200 11685 SoWaf, 12030 ME Mon to Fri

2200-2300 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Thu

2200-2300 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Sun

2230-2300 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Tue

2330-2400 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Mon to Fri

#### French

0230-0300 9690 NoAM, 11940 SAm Tue, Wed, Thu, Sat

2230-2300 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Mon, Wed, Fri

#### English

0200-0230 9690 NoAM, 11940 SAm Tue, Thu, Sat

2200-2230 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Mon, Wed, Fri

#### Portuguese

1700-1730 11685 SoWaf Mon to Fri

2300-2330 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Mon to Fri

#### Russian

1700-1730 12030 ME Mon, Wed, Fri

#### Sephardic

0200-0230 9690 NoAM, 11940 SAm Wed

1700-1730 12030 ME Tue

2130-2200 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Su

2200-2230 9690 NoAM, 11685 SoWaf, 11940 SAm, 12030 ME Tues

Saludos (Pedro Sedano-ESP, WOR Oct 10)

Winter B-20 of REE in other languages, except Spanish:

1730-1800	11685	NOB	200	kW	161	deg	to	WeCAf	Arabic	Mo-Fr
1730-1800	12030	NOB	200	kW	110	deg	to	NE/ME	Arabic	Mo-Fr
1800-1830	11685	NOB	200	kW	161	deg	to	WCAf	Portuguese	Mo-Fr
1800-1830	12030	NOB	200	kW	110	deg	to	NE/ME	Ladino	Tue
1800-1830	12030	NOB	200	kW	110	deg	to	NE/ME	Russian	Mo/Wed/Fr
2230-2300	11685	NOB	200	kW	161	deg	to	WCAf	Arabic	Mo-Fr
2230-2300	12030	NOB	200	kW	110	deg	to	NE/ME	Arabic	Mo-Fr
2230-2300	9690	NOB	200	kW	290	deg	to	ENAm	Ladino	Su
2230-2300	11685	NOB	200	kW	161	deg	to	WCAf	Ladino	Su
2230-2300	11940	NOB	200	kW	230	deg	to	SAm	Ladino	Su
2230-2300	12030	NOB	200	kW	110	deg	to	NE/ME	Ladino	Su
2300-2330	9690	NOB	200	kW	290	deg	to	ENAm	Ladino	Tue
2300-2330	11685	NOB	200	kW	161	deg	to	WCAf	Ladino	Tue
2300-2330	11940	NOB	200	kW	230	deg	to	SAm	Ladino	Tue
2300-2330	12030	NOB	200	kW	110	deg	to	NE/ME	Ladino	Tue
2300-2330	9690	NOB	200	kW	290	deg	to	ENAm	English	Mo/Wed/Fr
2300-2330	11685	NOB	200	kW	161	deg	to	WCAf	English	Mo/Wed/Fr
2300-2330	11940	NOB	200	kW	230	deg	to	SAm	English	Mo/Wed/Fr

2300-2330 12030 NOB 200 kW 110 deg to NE/ME English Mo/Wed/Fr  
 2330-2400 9690 NOB 200 kW 290 deg to ENAm French Mo/Wed/Fr  
 2330-2400 11685 NOB 200 kW 161 deg to WCAf French Mo/Wed/Fr  
 2330-2400 11940 NOB 200 kW 230 deg to SAm French Mo/Wed/Fr  
 2330-2400 12030 NOB 200 kW 110 deg to NE/ME French Mo/Wed/Fr  
 0000-0030 9690 NOB 200 kW 290 deg to ENAm Portuguese Tue-Sa  
 0000-0030 11940 NOB 200 kW 230 deg to SAm Portuguese Tue-Sa  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 16)

### TAIWAN / FRANCE - Rebroadcasts of RFI programs halt in Taiwan.

<<https://en.rti.org.tw/news/view/id/2004195>> Rebroadcasts of RFI programs halt over alleged "pro China" stance.

Taiwan's National Education Radio has decided to stop domestic rebroadcasts of Radio France Internationale's programs. That's after receiving listener complaints that the station's news programs repeated Chinese talking points that praised Beijing, belittled Taiwan, and criticized the US.

National Education Radio had rebroadcast Radio France Internationale's French and Chinese programs for Taiwanese audiences during two daily time slots under an agreement arranged by RTI. During a meeting of the Legislature's culture and education committee Wednesday, KMT lawmakers said that the education ministry should investigate whether the listener complaints were justified or not.

They also expressed concern about what pulling the plug of the rebroadcasts might mean for freedom of speech and the press in Taiwan. (RTI via Paul Gager-AUT, direct and BrDXC-UK newsgroup Oct 22)#

### TAIWAN / UZBEKISTAN - Winter B-20 schedules of Nippon no Kaze and Furusato no Kaze via ENC-DMS Tashkent & Tamsui District:

#### Nippon no Kaze

1300-1330	5895	TAC	100	kW	76	deg	to	NEAs	Korean
1300-1330	7295	TSH	300	kW	352	deg	to	NEAs	Korean
1300-1330	9705	TSH	300	kW	2	deg	to	NEAs	Korean
1500-1530	5945	TAC	100	kW	76	deg	to	NEAs	Korean
1500-1530	7290	TSH	300	kW	352	deg	to	NEAs	Korean
1500-1530	9800	TSH	300	kW	2	deg	to	NEAs	Korean
1530-1600	5945	TAC	100	kW	76	deg	to	NEAs	Korean
1530-1600	7290	TSH	300	kW	352	deg	to	NEAs	Korean
1530-1600	9800	TSH	300	kW	2	deg	to	NEAs	Korean
1630-1700	6155	TSH	300	kW	352	deg	to	NEAs	Korean

#### Furusato no Kaze

1330-1400	5895	TAC	100	kW	76	deg	to	NEAs	Japanese
1330-1400	7295	TSH	300	kW	352	deg	to	NEAs	Japanese
1330-1400	9705	TSH	300	kW	2	deg	to	NEAs	Japanese
1430-1500	5895	TAC	100	kW	76	deg	to	NEAs	Japanese
1430-1500	7290	TSH	300	kW	352	deg	to	NEAs	Japanese
1430-1500	9560	TSH	300	kW	2	deg	to	NEAs	Japanese
1600-1630	5945	TAC	100	kW	76	deg	to	NEAs	Japanese
1600-1630	6045	TSH	300	kW	352	deg	to	NEAs	Japanese
1600-1630	9690	TSH	300	kW	2	deg	to	NEAs	Japanese
1700-1730	6155	TSH	300	kW	352	deg	to	NEAs	Japanese

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 26)

### TAIWAN / CHINA - SOH Taiwan A-20/B-20 Shortwave Frequency list of Oct 8, 2020, monitored by wb on 08 to 15 Oct, 2020. Also on log noted some other China CNR1 jamming broadcasts.

Log of Oct 08 - 15 checked some Asian target outlets on remote SDRs in Hiroshima, Akitakata, northern Tokyo Japan; as well as at Delhi India and Doha Qatar Perseus SDR rxs.

CNR1 Beijing program compared during monitoring against web player

<<http://www.surfmusic.de/radio-station/cnr-1-voice-of-china,10555.html>>

5875.0	2200-2300	CHN	CNR1	Jammer	Mandarin,	S=9+35dB	in	Tokyo-JPN,	22.40	UT	on	Oct	12.							
6075.0	2000-2400	CHN	CNR	1	Jamming	Xianyang.	Chi	Xianyang	59	smtwtf										
						S=9+40dB	powerhouse	noted	in	remote	SDR	rx	at	Tokyo-JPN	at	22.46	UT	on	Oct	12.
6099.923	much odd fq today KCBS Kanggye KRE both same strength - and																			
6100	even	KOR	KBS	World	Radio	HwaSun,	S=9+25dB	at	15.55	UT	on	Oct	13.							



6105even 1000-1400 CHN CNR 1 Jamming Qiqihar. Chinese S=9+50dB in remote SDR at Hiroshima Japan.  
6105.0 2200-2400 CHN CNR 1 Jamming Qiqihar. Chinese 22.49 UT Oct 12  
S=9+35dB powerhouse noted in Hiroshima JPN remote SDR rx.  
6145even 1400-1700 TWN R.Taiwan Int. Kouhu (Y. Man Kouhu (Yun) smtwfts  
6145even 1400-1700 CHN CNR 1 Jamming Xianyang. Chi Xianyang 59 smtwfts at 15.49 UT on Oct 13.  
6150.0 2200-2400 CHN CNR1 Jammer Mandarin, not heard Oct 12 at 22.50  
6180even 1000-1600 CHN CNR1 Jammer. Mandarin Fuzhou (Fuj)  
S=9+50dB in remote SDR at Hiroshima Japan. 15.48 UT Oct 13.  
6180.0 1000-1600 TWN R.Taiwan Int. Danshui Man Danshui/Tan  
6214.954 TWN SOH Chinese at S=9+20dB signal level 22.54 UT Oct 12.  
6214.954 TWN SOH Chinese at S=7-8 level at 15.44 UT on Oct 13.  
6215even CHN CNR1 Mandarin Chinese jamming against SOH TWN at 22.51 UT on Oct 12.  
6229.943 TWN SOH Chinese, S=9 in Tokyo-JPN at 22.56 UT on Oct 12, at 15.42 UT on Oct 13.  
6230even CHN CNR1 Mandarin Chinese jamming against SOH TWN S=9+25dB in Tokyo-JPN at 22.55 UT on Oct 12.  
6279.982 TWN SOH Chinese at S=7 signal level at 15.40 UT on Oct 13.  
6340.166 TWN Sound of Hope Taipei. S=9 Oct 12/13 23.16 UT, 15.39 UT  
6370.107 TWN SOH Chinese Mandarin Oct 1/13 23.17 UT 15.37 UT  
6850.115 TWN SOH Xi Wang Zhi Shen, Miaoli. Oct 12/13 23.20 15.35 UT  
6864.978 TWN SOH Xi Wang Zhi Shen, Miaoli. S=8 23.20 UT on Oct 12.  
6865.113 TWN SOH Chinese Mandarin at 15.33 UT on Oct 13  
6899.994 TWN SOH Chinese jamming on Oct 12/13 at 23.23 UT, 15.30 UT  
6969.898 0000-2359 TWN SOH Mandarin Oct 12 at 23.24 UT, S=8-9  
7209.897 TWN SOH Chinese from Miaoli site acc Aoki Nagoya database at poor S=5 signal level, Oct 12 at  
23.27 UT.  
7280.092 0000-2359 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli Oct 12 at 23.03 UT, S=6-7 in Hiroshima-JPN.  
7310.055 0000-2359 TWN SOH Xi Wang Zhi Sheng. Chinese Miaoli Oct 12 at 23.08 UT, S=5-6 in Tokyo-JPN.  
7419.990 CHN CNR PBS Nei Menggu Hohhot Chinese, S=9+10dB in Tokyo-JPN 23.24 UT on Oct 12.  
7430even CHN CNR1 jamming signal against TWN VoTWN services, 13.42 UT  
7430.0 1200-1400 TWN R.Taiwan Intl Kouhu. Chinese  
7430.0 1200-1400 CHN CNR 1 Jamming Urumqi H. Chi Urumqi Hutu smtwfts  
7466even TWN SOH Chinese at S=5-6 signal level at 23.46 UT on Oct 12.  
7495even 2335-2400 CHN CNR1 Jammer Mandarin, S=8 in Tokyo-JPN, at 23.38 UT on Oct 12.  
7590even UZB North Korean Refer., veiled sce, S=9+10 signal via Tashkent site, 14.51 UT on Oct 13.  
7625even UZB CMI Voice of Wilderness, Korean veiled sce, S=9+10 signal via Tashkent site, 14.47 UT on  
Oct 13.  
7644.980 0200-0100 TWN SOH Mandarin at 23.45 UT on Oct 12, S=7  
7729.885 TWN SOH Miaoli Chinese at S=5-6 signal level at 23.42 UT. on Oct 12.  
7730even 0000-2400 CHN CNR1 Jammer Mandarin, at 14.43 UT on Oct 13,  
S=9+10dB in Hiroshima-JPN, 10 kHz wideband signal block.  
7810.036 TWN SOH Miaoli Chinese at S=6-7 signal level at 23.40 UT on Oct 12 at Hiroshima-JPN remote SDR  
rx.  
9104.994 KOR EoH VOH Korean Clandestine stn program from Suwon Seoul-KOR, much fluttery S=8 signal heard  
on SDR unit in Tokyo-JPN. 14.41 UT on Oct 13.  
9119.951 TWN SOH Chinese S=3-4 at 14.40 UT on Oct 13.  
9120even CHN CNR1 jamming 20 kHz wideband signal. Oct 12 at 23.58 UT 10 kHz wideband CNR1 jamming.  
9155.031 2200-0100 TWN Sound of Hope Taipei, at 14.39 UT on Oct 13.  
9325.007 IRN VoIRI Hindi sce via Sirjan site, S=6 at 14.36 UT Oct 13.  
9335even UZB New Persian/Dari netWORK, likely 'Iran International' moved from 11550 kHz likely into 31  
meterband? S=9 at 14.28 UT on Oct 13. 12 kHz wideband audio block.  
9339.837 2130-1600 TWN SOH Xi Wang Zhi Shen. at 14.26 UT on Oct 13.  
9344.975 PHL FEBC Manila, Liangyou Mandarin, from Iba site, S=8-9 into Japan, at 14.25 UT on Oct 13.  
9435.015 KRE Voice of Korea, French, orchestra mx program, at 14.22 UT on Oct 13. S=8-9 in skip zone at  
Hiroshima-JPN.  
9465even 1400-1500 CHN CNR1 Jammer Mandarin, S=9+10dB, mixture of CNR1 program, and Firedrake and some  
echo signals, 20 kHz wideband  
9580even ALS KNLS Anchor Point, English sce at 14.15 UT on Oct 13,  
12 kHz up to 18 kHz wide excellent audio. S=9+30dB powerful.  
9740even ALS KNLS Anchor Point, Mandarin sce at 13.49 UT on Oct 13, 12 kHz wide excellent audio.  
S=9+15dB.  
9814even TJK Voice of Tibet, via Dushanbe Yangi Yul, Tibetan 13.46 UT  
9835even MLA RTM Sarawak FM, Kajang, low power decreased from 100 kW to 10 - 30 kW estimated, when  
checked at 13.51 UT was switched OFF already, scheduled til 14 UT. S=4-5 poor and tiny  
these days  
9839.769 VTN Voice of Vietnam, Son Tay bcst center, in English sce,  
S=9 signal in Hiroshima SDR Japan unit, at 13.43 UT on Oct 13 11 kHz wideband audio  
visible on screen.  
9850even CHN CNR1 jamming, S=9+15dB strength, 12 kHz wideband, against  
9849.966 TWN SOH Chinese Mandarin, S=6 at 08.28 UT on Oct 15.  
9864even TJK Voice of Tibet, via Dushanbe Yangi Yul, Tibetan 13.42 UT  
9874.973 KRE Voice of Korea, Kujang Russian language sce, S=9+15dB sidelobe into Tokyo, 08.24 UT,  
08.00-08.57 UT  
9919.982 2115-1700 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli, S=3-4 poor in remote Tokyo-JPN SDR rx,  
13.39 UT on Oct 13.  
9919.978 TWN SOH S=7 signal at 08.22 UT on Oct 15.  
9955even UNID ? rather tests of US AGM Burmese via Dushanbe TJK, noted at 13.33 UT on Oct 13, S=9+10dB  
reaches behind target in Hiroshima and Tokyo remote SDR rxes now. Nothing from WRMI so far  
9970.197 TWN SOH Mandarin Chinese at S=5-6 level, at 08.21 UT on Oct 15.  
9974.997 GUM KTWR Merizo Agana, S=9+10dB Mandarin at 13.38 UT on Oct 13. 10 kHz wide audio block.  
9979.990 USA TOM BS roarer likely via WOCR Nashville only S=3 tiny into Far East Asia, 13.34 UT on Oct  
13.  
9990even CHN CNR1 jamming S=9+10dB at 08.17 UT on Oct 15, 20 kHz wideband signal, against SOH TWN  
Mandarin program on 9990.038 kHz.  
10820even CHN CNR1 jamming S=9+15dB at 10.21 UT on Oct 15,  
20 kHz wideband signal, against SOH TWN Mandarin program on

10819.868 TWN SOH Mandarin Chinese at S=5, at 10.05 UT on Oct 15. Not jammed yet, CHN jammers started late in 11 MHz range from 10.16 to 10.21 UT onwards. Normally jammer appear some xx.04 to xx.07 minutes later, after frequency change alignment.

10920even CHN CNR1 jamming S=7-8 only at 10.31 UT on Oct 15.

11070even CHN CNR1 jamming S=9+10dB at 10.33 UT on Oct 15, 10 kHz wideband signal, against SOH TWN Mandarin program on

11069.949 TWN SOH Mandarin Chinese at S=5, at 10.35 UT on Oct 15.

11100even CHN CNR1 jamming underneath at 10.37 UT on Oct 15, against SOH TWN Mandarin program on

11100.029 TWN SOH Mandarin Chinese at S=8, stronger than jammer.

11120even CHN CNR1 jamming S=7-8 at 10.39 UT on Oct 15, nothing noted of SOH TWN Mandarin program co-channel.

11470even INTERMODULATION S=9 signal into Japan Far East: 11510 kHz  
UZB R Free Korea veiled Korean sce, via Tashkent-UZB, 13.23 UT, 12 kHz wideband Korean language audio block.

11510even UZB R Free Korea veiled Korean sce, via Tashkent-UZB, 13.23 UT, 12 kHz wideband Korean language audio block.

11530.005 not listed yet, heard some BUBBLE jamming ahead of Kurdish Radio 13.19 UT on Oct 13. Maybe Turkish security forces Army jamming ?

11540even TJK BVBN English language religious in excellent British Oxford accented spoken by female presenter, S=9+20dB into Tokyo-JPN remote SDR Rx, 13.14 UT on Oct 13. 'Hope for Today' or 'Voice of Truth' towards Korean audience ? Excellent audio !

11550even UZB London based 'Iran International' radio in Farsi, and at 13.06 UT Oct 13, intermodulation of // same bcst center

11510even UZB R Free Korea veiled Korean sce, also via Tashkent-UZB, and

11470even UZB Mix of 11510 and 11550 kHz, Persian Farsi and Korean px.

11570even KWT US AGM RFA Kuwait Tibetan language sce, 13.02 UT on Oct 13

11749.987 AUS Reach Beyond Australia, Indian subcontinent sce language, S=8-9 fluttery sidelobe signal, 12.56 UT Oct 13.

11875even PHL Vatican Radio in Russian via US AGM Tinang PHL site, S=9+10dB noted in Horsoshima-JPN at 12.46 UT on Oct 13.

11915.006 TWN R Taiwan International Indonesian language sce from Paochung site, at 12.45 UT on Oct 13, S=6-7 fluttery sidelobe into Tokyo Japan.

12105even CHN CNR1 jamming S=9+10dB signal against AWR Tashkent UZB in Chinese ! 12.40 UT on Oct 13. 12 kHz wideband audio block seen.

12190even 0000-1600 CHN CNR1 Jammer Mandarin, tiny jamming stn.

12190even CHN CNR1 jamming S=9+20dB, 10 kHz WB at 10.22 UT on Oct 15, against SOH TWN Mandarin program on

12189.9 2050-1600 TWN SOH Xi Wang Zhi Shen. Cantonese Miaoli

12189.920 TWN SOH Chinese S=9+5dB strong! at 12.35 UT on Oct 15.

12210.0 2200-1500 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli

12210even CHN CNR1 jamming signal against TWN SOH services at 12.33 UT on Oct 13. S=9+10dB, 12 kHz broadband audio block.

12795even CHN CNR1 jamming S=8-9, 16 kHz wideband audio block. At 10.18 UT on Oct 15, against

12794.956 TWN SOH Mandarin program on

12819.935 2130-1600 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli S=6 signal in Tokyo-JPN, 12.30 UT on Oct 13.

12820 -2 Hz 2130-1700 CHN CNR1 Jammer Mandarin, S=9+10dB at 10.22 UT on Oct 15; against

12819.931 TWN SOH Mandarin program.

13130even 2130-1700 CHN CNR1 Jammer Mandarin

13130even CHN CNR1 jamming signal against TWN SOH services Chinese S=8 signal at 12.20 UT on Oct 13.

13130.085 2130-1700 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli S=5-6 poor at 12.25 UT on Oct 13.

13160.0 2130-1700 CHN CNR1 Jammer Mandarin

13160even CHN CNR1 jamming signal against TWN SOH services Chinese S=8-9 signal at 12.25 UT on Oct 13. 12 kHz wideband signal.

13530even 2130-1430 CHN CNR1 Jammer Mandarin, S=7-8 at 12.23 UT on Oct 13. 12 kHz wideband audio.

13530.221 TWN SOH Chinese S=8-9 at 11.06 UT on Oct 13.

13580even 1100-1300 CHN CNR1 Jammer Mandarin, at 12.12 UT on Oct 13.

13580even TJK RFA AGM Tibetan language sce from Orzu relay Dushanbe Tajikistan site scheduled in database, scheduled 11.00-13.00 UT, S=9+15dB noted in Hiroshima-JPN SDR rx.

13649.962 KRE Voice of Korea, Kujang site, French sce at 11.09 UT on Oct 13. S=7-8 in Hiroshima-JPN short skip.

13680.051 2130-1500 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli and QRM by VoIRIB Sirjan Dari of 13680.009 co-ch 12.09 UT

13710.019 TUR Voice of Turkey, Emirler, Urdu sce, S=8-9 at 12.08 UT

13775even 2200-1430 CHN CNR1 Jammer Mandarin, 12 kHz wideband audio At 11.13 UT on Oct 13. S=9+15dB strength.

13775.014 ARS BSKSA Riyadh, Urdu language, S=8-9 fluttery in Tokyo-JPN, at 12.05 UT on Oct 13.

13775.015 kHz ARS BSKSA Riyadh Urdu sce, S=8-9 signal strength in Tokyo. 13.30 UT on Oct 12.

13790.0 0600-0700 CHN CNR1 Jammer Mandarin

13790.022 1200-1600 CHN CNR1 Jammer Mandarin noted S=8 already at 1208UT

13835even 1300-1400 CHN CNR1 Jammer Mandarin, S=7-8 in Tokyo JPN 13.20

13835even TJK RFA AGM Tibetan language sce from Orzu relay Dushanbe Orzu Tajikistan site, 13.22 UT on Oct 12.

13919.979 2213-1420 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli at 11.23 UT on Oct 13 at S=8-9 level.

13920.0 2200-1430 CHN CNR1 Jammer/Firedrake .E Man Xinzhaicun

13919.980 CHN CNR1 jamming signal against TWN SOH services, odd fq used. S=9 signal at 12.00 UT Oct 13, even hour annmt, 20 kHz wideband signal. Highspeed UTE 13920.405 kHz.

13959.996 2300-1500 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli S=5 poor level at 11.25 UT on Oct 13.

14430even 2100-1700 CHN CNR1 Jammer Mandarin, S=6 at 11.25 UT Oct 13.

14559.820 2200-1600 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli S=4-5 poor fluttery signal, at 11.26 UT on Oct 13.

14560.0 2200-1600 CHN CNR1 Jammer Mandarin

14634.9 2200-1500 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli

14634.921 TWN SOH Chinese S=8-9 flutter signal at 11.25 UT on Oct 13. co-ch OTHR broadband too.

14635even CHN CNR1 jamming signal against TWN SOH services  
S=5-6 poor at 11.27 UT on Oct 13. 2200-1500 CHN CNR1 Jammer. Mandarin

14857-14880 kHz wideband OTHR signal at 11.50 UT on Oct 13.

14920even CHN CNR1 jamming signal against TWN SOH services, noted at 10.58 UT on Oct 13, S=9 signal strength. 20 kHz wideband signal.

14939.981 2200-1500 TWN Sound of Hope Taipei Mandarin, poor 10.53 UT

14940even CHN CNR1 jamming signal against TWN SOH services, noted at 10.51 UT on Oct 13, S=8-9, 20 kHz WB signal.

14979.951 2200-1500 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli S=6 at 10.50 UT on Oct 13.

14980even CHN CNR1 jamming signal against TWN SOH services, noted at 10.49 UT on Oct 13, S=8-9 signal. 20 kHz wideband signal.

15130even 1300-1400 CHN CNR1 Jammer Mandarin, 20 kHz wideband CNR1 jamming at 13.12 UT on Oct 12 in Tokyo Japan remote SDR rx.

15130.058 PHL RFA AGM Mandarin language sce from Tinang scheduled at 13-14 UT, S=9+10dB.

15164.968 THA RFA AGM Mandarin language sce from Udorn Thani Ban Dung Thailand relay bcst center scheduled at 13-14 UT on Oct 12, S=9+5dB bad mixture of RFA and SOH programmes, some Mandarin echo sound effect. 20 kHz wideband audio block

15165even 1300-1400 CHN CNR1 Jammer Mandarin

15202-15214 kHz wideband OTHR bursts, S=9+10dB in Tokyo-JPN at 10.39 UT on Oct 13.

15235.011 TUR TRT Emirler in Uzbek language, S=7-8 in Hiroshima-JPN, professional female news reader performance, 10.38 UT Oct 13

15269.997 1000-1100 CHN CNR 1 Jamming Urumqi H. Chi Urumqi Hutubi S=5-6 in peaks at 10.36 UT on Oct 13.

15275even 1300-1400 CHN CNR1 Jammer Mandarin

15275even CHN CNR1 mainland jamming noted at 13.07 UT on Oct 12 At S=9 level against

15275even TJK RFA AGM Tibetan language sce from Orzu relay Dushanbe Tajikistan site scheduled in database, scheduled at 13-14 UT.

15295even CHN CNR1 mainland jamming noted at 10.33 UT on Oct 13. 20 kHz wideband audio visible. At S=9+10dB level against TWN SOH Chinese co-channel.

15305even tentat. CHN CNR 1 Mandarin, 10.32 UT on Oct 13.

15330even 1000-1100 CHN CNR1 Jammer Mandarin, at 10.27 UT on Oct 13, against

15330.019 MRA US AGM RFA Tinian MRA Tibetan language at 10.28 UT Oct 13

15359.018 TWN SOH Chinese rather S=7-8 at 10.23 UT on Oct 13.

15470even 1100-1400 CHN CNR1 Jammer Mandarin

15470even CHN CNR1 mainland jamming noted at 13.01 UT on Oct 12 At S=7 level against

15470even TJK RFA AGM Tibetan language sce from Orzu relay Dushanbe Tajikistan site scheduled in database, scheduled at 11-14 UT. 10 up to 15 kHz wideband audio mixture in peaks.

15619.993 BOT RFA AGM Umm a-Rinam, Somali via KWT relay, S=4 at 13.01 UT

15740even 2200-1700 CHN CNR1 Jammer. Mandarin, S=9+15dB til sudden switch-OFF at 09.57:05 UT.

15740.140 TWN SOH Chinese S=4-5 at 09.58 UT on Oct 13. 2144-1530 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli

15774.943 TWN SOH Chinese, S=5 poor at 09.55 UT on Oct 13. 2130-1600 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli

15775even 2130-1000 CHN CNR1 Jammer Mandarin, at 09.53 UT on Oct 13, S=9 in Hiroshima-JPN, 10 kHz wideband audio block.

15800.0 2100-1700 CHN CNR1 Jammer. Mandarin

15800even CHN CNR1 jamming signal, S=9+20dB at 09.48 UT on Oct 13. 20 kHz wideband audio block. At 10.00 UT sharp sign-OFF.

15800.166 TWN 2100-1600 SOH Chinese, S=7-8 at 09.51 on Oct 13.

15869.927 TWN SOH Chinese, S=6-7 at 09.42 UT on Oct 13.

15870even CHN CNR1 mainland jamming noted at 09.46 UT on Oct 13.

15890.007 0100-1200 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli S=8-9 at Hiroshima-JPN, at 09.46 UT on Oct 13.

15890.0 1200-1300 TWN XingXing guangbo diant. Chinese Kuanyin

15969.9 2110-1630 TWN SOH Xi Wang Zhi Shen Chinese from Miaoli

15969.867 2110-1630 TWN SOH Xi Wang Zhi Shen Chinese from Miaoli S=5 at 09.37 UT on Oct 13.

15969.994 TWN SOH Chinese, S=5 at 12.56 UT on Oct 12

15970.0 2130-1700 CHN CNR1 Jammer Mandarin

15970even CHN CNR1 mainland jamming noted at 09.19 UT on Oct 12, at 09.37 UT on Oct 13, S=9+10dB signal, 25 kHz wideband powerful signal.

15993-16085 kHz CODAR signal swishing at 09.21 UT in Tokyo JPN SDR

16099.965 2115-1420 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli

16100even 2100-1430 CHN CNR1 Jammer Mandarin S=9 at 12.51 UT on Oct 12.

16100even 2100-1430 CHN CNR1 Jammer Man S=9+25dB at 09.29 UT Oct 13. 10 up to 25 kHz wideband audio block.

16160even 09.25 UT on Oct 13 CHN CNR1 Jammer Mandarin, S=9+10dB. fluttery, 20 kHz wideband audio block.

16160.082 TWN SOH Chinese, S=7-8 at 09.32 on Oct 13. 2130-1430 TWN SOH Xi Wang Zhi Shen. Chinese from Miaoli

16249.710 TWN SOH Chinese, S=8 at 08.40 UT on Oct 12.

16250even CHN CNR1 mainland jamming noted at 08.41 UT on Oct 12 S=9+20dB signal.

16250.0 2200-1700 CHN CNR1 Jammer Mandarin

16299.800 2204-1602 TWN SOH rely RFA Pingtung. Chinese Pingtung S=8 at 08.17 UT on Oct 12 and 09.20 UT Oct 13.

16299.998even CHN CNR1 mainland jamming noted at 08.15 UT on Oct 12, 09.21 UT Oct 13. S=9+20dB powerful signal.

16300even CHN CNR1 mainland jamming noted at 08.15 UT on Oct 12. S=9+20dB powerful signal. 20 kHz WB signal.

16400.072 2300-1400 TWN Sound of Hope Taipei Mandarin, NEW channel S=5-6 at 08.38 UT on Oct 12.

16600even CHN CNR1 jamming signal S=9+30dB in Hiroshima, sudden crash start mids on SOH TWN program at 08.07 UT on Oct 12 and 13.

2100-1500 CHN CNR1 Jammer Mandarin. S=9+15dB at 09.11 UT. 20 kHz wideband audio block.

16600.081 2200-1430 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli S=6 sideband signal at 08.08 UT on Oct 12, S=8 at 09.13 UT.

This is a rather stronger SOH TWN signals 10 - 50 kW ?

16789.768 TWN SOH Chinese, S=7 at 08.34 UT on Oct 12, 09.15 UT Oct 13  
 16790.0 2130-1530 TWN Sound of Hope Taipei Mandarin  
 16790even 2300-1400 CHN CNR1 Jammer. Mandarin, S=7-8 at 07.21 UT on Oct 12. 10 kHz wide CNR1 audio block.

16979.932 TWN SOH Chinese, S=7-8 at 08.06 UT on Oct 12. 2130-1530 TWN SOH Xi Wang Zhi Shen. Chi Miaoli  
 16980even 2300-1400 CHN CNR1 Jammer. Mandarin, S=9+20dB at 07.18 UT on Oct 12. 20 kHz wide broadband CNR1 audio block. Start again at sharp 08.06 UT next hour

16990even KOR HLO Seoul Radio, Korean CW mode, S=6 at 08.31 UT.  
 17000.073 2100-1500 TWN Sound of Hope Taipei Mandarin. NEW channel S=6 fair noted at 08.30 UT on Oct 12.  
 17149.846 2100-1500 TWN Sound of Hope Taipei Mandarin Chinese, S=6-7 sidelobe in Hiroshima-JPN, 07.15 UT on Oct 12. 07.55 UT and 09.07 UT on Oct 13, S=6-7 in Tokyo-JPN.

17150even 2300-1400 CHN CNR1 Jammer. Mandarin, S=8-9 at 07.14 UT on Oct 12. 10 kHz wide CNR1 audio block.  
 17251 - 17277 kHz OTHR bursts at 07.54 UT Oct 13.  
 17364 - 17374 kHz OTHR bursts at 07.10 UT Oct 12.

17379.613 2200-1350 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli 07.51 UT  
 17400.0 2200-1430 CHN CNR1 Jammer Mandarin  
 17400.261 2155-1420 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli, S=8-9 signal in Hiroshima 07.48 and 08.04 UT on Oct 12 & 13.  
 17400.235 2155-1420 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli, poor signal in Hiroshima 07.08 and 08.01 UT on Oct 12.

17440.0 2300-1400 CHN CNR1 Jammer Mandarin  
 17440even CHN CNR1 mainland jamming noted at 07.47 UT on Oct 13. 20 kHz wideband audio block. S=9+20dB strong.

17440.3 2300-1300 TWN SOH rely RFA Pingtung. Chinese  
 17440.257 TWN SOH Chinese, S=7-8 at 07.58 UT on Oct 12.  
 17440.263 TWN SOH Chinese, S=7-8 at 07.58 UT on Oct 12 and Oct 13.  
 17485even 0800-1100 CHN CNR1 Jammer Mandarin, S=9+20dB in Tokyo-JPN at 08.59 UT on Oct 13, advert AUDI cars. 20 kHz wideband audio

17485.010 2300-1300 TWN SOH rely RFA Pingtung. Chinese, S=7-8 at 09.03 UT  
 17690.0 1200-1500 CHN CNR1 Jammer Mandarin, S=8 in Tokyo at 06.54 UT.  
 17735even 0300-0400 CHN CNR1 Jammer Urumqi TDoA S=9+15dB 08.06 UT Oct 13  
 17770 DRM mode from CHN CNR1 at Dongfang, Hainan Island bcst center. 3E8 call sign read, S=8 in Tokyo Japan at 06.52 UT Oct 12. 00.55-09.00 UT. S=9+25dB in Hiroshima JPN at 08.56 UT Oct 13.

17770 0053-0900 CHN n CNR 1 (DRM) 3E8 Chinese Dongfang Isls  
 17780even 2300-1130 TWN SOH Xi Wang Zhi Shen. Chinese Miaoli. 0600-0900 CHN CNR1 Jammer Mandarin, S=9+5dB in Tokyo, 06.49 UT on Oct 12, 08.53 UT on Oct 13. 10 kHz wideband audio block of domestic CNR1 program

17810.0 0600-0700 CHN CNR1 Jammer Mandarin, S=9+5dB in Tokyo, 06.49 UT  
 20 kHz wideband audio block of domestic CNR1 program.

17830.0 0100-0800 CHN n CNR1(DRM) 3EC Urumi S=9 in Tokyo JPN at 06.46 UT on Oct 12. S=8 only in Hiroshima southern Japan.

17880.008 THA USAGM Azadi Radio in Dari language to AFG, S=8-9 in Tokyo 06.59 UT on Oct 12, via Ban Dung relay at Udorn Thani, Thailand.

18200even CHN CNR1 mainland jamming noted at 07-08 UT on Oct 12, 20 kHz wideband signal block. S=9. S=8 at 08.50 UT on Oct 13.

18890 - 19004 kHz OTHR signal wideband block, 07.33 UT on Oct 13.  
 18899.599 2200-1000 CHN CNR1 Jammer Mandarin, much odd frequency, S=9 at 07.26 and 08.47 on Oct 13, S=9+5dB, strange fq selection 18 kHz wideband audio block.

18899.837 0700-0700 TWN SOH Xi Wang Zhi Shen Chi Miaoli 07.46 UT Oct 12.  
 18900.0 2300-1000 TWN Sound of Hope Taipei, Mandarin  
 18900even 2300-1000 CHN CNR1 Jammer Mandarin, poor S=5 at 07.44 UT.  
 18969.838 2300-1000 TWN Sound of Hope Taipei, Mandarin, S=9 at 07.29 and 08.43 UT on Oct 13.  
 18970even 2200-1000 CHN CNR1 Jammer Mandarin, S=9 at 08.17 start and 08.43 UT on Oct 13. S=9+15dB, in Tokyo JPN SDR, 18 kHz wideband audio block.

21565even (Thursday only single day operation; 'cat and mouse' play of US AGM and ChiCom) MRA Tibetan 10-11 UT via Tinian. S=9+10dB already empty carrier on air at 09.57 UT. Tibetan mountain like folk mx played as pause signal start at 09.59:22 UTC.

21670.026 ARS BSKSA Radio Saudi International Riyadh, Indonesian sce, poor S=4 in Hiroshima-JPN, at 09.55 UT, 09.00-11.57 UT.  
 21690even 0500-0700 CHN CNR1 Jammer Urumqi TDoA. S=9+10dB in Tokyo SDR 10 kHz wideband audio block, in peaks up to 18 kHz wideband. 06.35 UT Oct 12.

21695even CHN CNR1 Jammer Urumqi TDoA. S=9+25dB in Tokyo SDR 20 kHz wideband audio block, 09.51 on Oct 15. Nothing noted of USA AM VoA Tinian MRA underneath.

21799.657 2300-1000 TWN SOH Xi Wang Zhi Shen. Miaoli S=3-4 Hiroshima, but S=8 signal, no skip into Tokyo-JPN at 08.28 UT on Oct 13. 21799.683 kHz at 09.50 UT on Oct 15.

21800even 0700-0900 CHN CNR1 Jammer/Firedrake. S=9+15dB 07.35 UT Oct 12 S=9+20dB 07.27 UT Oct 13.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Oct 08 - 15)

## TAJIKISTAN / KUWAIT / MARIANA ISL {SAIPAN / TINIAN} -

Radio Free Asia unregistered frequencies 7540 9350 & 9380 kHz via Dushanbe, October 25:

0030-0130 7540#DB 200 kW 125 deg to SEAs Burmese // 7510 DB and 9510 TIN  
 1230-1330 9350#DB 200 kW 125 deg to SEAs Burmese // 11795 SAI, 15110 KWT  
 1330-1400 9380\*DB 200 kW 125 deg to SEAs Burmese // 11795 KWT, 12055 & 13740 TIN  
 1400-1430 9380\*DB 200 kW 125 deg to SEAs Burmese // 11795 KWT, 12055 TIN  
 # same also in the past days of A-20; 9380 kHz is instead 9955 in the past days of A-20 !

## Burmese

0030-0130 7510TJK 9510TIN also 7540TJK  
 1230-1330 11795TIN 15110KWT also 9350TJK  
 1330-1400 11795KWT 12055TIN 13740TIN also 9380TJK  
 1400-1430 11795KWT 12055TIN also 9380TJK  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 25)

**UNITED KINGDOM [and non] - Winter B-20 season frequency changes of BBC:**

0000-0030 NF 9560 SNG 125 kW 340 deg SEAs Burmese, ex 9860  
 0000-0100 NF 5875 ERV 300 kW 100 deg SAs English, ex 7410  
 0100-0200 NF 5970 ERV 300 kW 100 deg SAs English, ex 9410 SNG  
 0100-0200 NF12095 SNG 125 kW 320 deg SAs English, ex11995  
 0400-0500 NF12095 SLA 250 kW 10 deg CeAS English, ex 9410  
 0430-0530 NF 9410 DHA 250 kW 45 deg WAs Farsi till March 20, ex9440  
 1130-1500 17745 DHA 250 kW 225 deg Eaf Somali Sat Premier League  
 1200-1300 NF12065 SLA 250 kW 63 deg SAs English, ex 9410  
 1200-1300 NF15310 SLA 250 kW 80 deg SAs English, ex12065  
 1330-1400 9900 TRM 125 kW 15 deg SAs Bengali, exUZB  
 1400-1500 15420 SCB 050 kW 195 deg Eaf Somali, exDHA  
 1400-1500 17745 DHA 250 kW 225 deg Eaf Somali, exSCB  
 1500-1600 NF 9410 DHA 250 kW 225 deg CEaf English, ex 7445 MDC  
 1600-1700 NF12065 DHA 250 kW 215 deg Sef English, ex15400  
 1630-1700 NF 9585 SNG 250 kW 320 deg SAs Bengali, ex 7505 UZB  
 1730-1830 NF 5935 SCB 100 kW 90 deg WAs Farsi from March 21, ex5910  
 1730-1750 NF 7335 SMG 250 kW 130 deg Eaf Amharic Mon-Fri, ex17745 ASC  
 1750-1810 NF 7335 SMG 250 kW 130 deg Eaf Afan Oromo Mon-Fri, ex17745 ASC  
 1810-1830 NF 7335 SMG 250 kW 130 deg Eaf Tigrinya Mon-Fri, ex17745 ASC  
 1800-1830 NF 6180 SCB 050 kW 195 deg Caf French, ex5945  
 1830-1930 NF 6170 SCB 100 kW 90 deg WAs Farsi till March 20, ex5910  
 1830-1850 NF 7335 SMG 250 kW 130 deg Eaf Amharic Mon-Fri, ex15490 ASC  
 1850-1910 NF 7335 SMG 250 kW 130 deg Eaf Afan Oromo Mon-Fri, ex15490 ASC  
 1910-1930 NF 7335 SMG 250 kW 130 deg Eaf Tigrinya Mon-Fri, ex15490 ASC  
 1900-2000 11810 WOF 250 kW 158 deg Caf English, exASC  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 16)

**U.S.A. [ARMENIA / AUSTRIA / GERMANY / GUAM / SRI LANKA / TAJIKISTAN / UZBEKISTAN] -**

Winter B-20 frequency changes of Adventist World Radio:

0100-0130 17650 TRM 125 kW 60 deg EAs Min Nan Chinese Su-Thu, exSDA  
 0100-0130 17650 TRM 125 kW 60 deg EAs Chinese Fri/Sat, exSDA  
 0130-0200 17650 TRM 125 kW 60 deg EAs Cantonese Su-Thu, exSDA  
 0130-0200 17650 TRM 125 kW 60 deg EAs Chinese Fr/Sa, exSDA  
 0200-0230 15410 TRM 125 kW 355 deg CAs Kazakh, new B-20  
 0230-0300 15410 TRM 125 kW 355 deg WAs Dari, new B-20  
 0330-0400 NF 6120 MOS 300 kW 100 deg WAs Farsi, ex6170  
 0330-0400 15410 TRM 125 kW 345 deg CAs Uzbek, ex0430-0500  
 0400-0430 15410 TRM 125 kW 345 deg CAs Kirgыз, new B-20  
 0400-0430 NF 5975 NAU 125 kW 140 deg SEEu Bulgarian, ex5975 ISS  
 0400-0430 NF12065 TRM 125 kW 270 deg Eaf Amharic, ex15520  
 0430-0500 NF 5950 NAU 125 kW 210 deg Naf French, ex6045  
 0430-0500 15410 TRM 125 kW 345 deg WAs Farsi, new B-20  
 0600-0630 NF 9860 NAU 250 kW 200 deg Waf French, ex7220 ISS  
 0600-0630 NF15610 ERV 300 kW 222 deg Waf French, ex7375 ISS  
 1100-1130 NF 5905 SDA 100 kW 345 deg FE RUS Russian, ex9460  
 1200-1230 9800 DB 100 kW 60 deg EAs Min Nan Chinese Sun-Thu, exSDA  
 1200-1230 9800 DB 100 kW 60 deg EAs Chinese Fr/Sa, exSDA  
 1200-1230 NF12030 SDA 100 kW 300 deg EAs Min Nan Chinese Su-Thu, ex12075  
 1200-1230 NF12030 SDA 100 kW 300 deg EAs Chinese Fr/Sa, ex12075  
 1200-1300 NF 9460 TAC 100 kW 90 deg EAs Korean, ex15530 DB  
 1230-1300 9800 DB 100 kW 60 deg EAs Cantonese Su-Thu, exSDA  
 1230-1300 9800 DB 100 kW 60 deg EAs Chinese Fr/Sa, exSDA  
 1230-1300 NF12030 SDA 100 kW 300 deg EAs Cantonese Su-Thu, ex12075  
 1230-1300 NF12030 SDA 100 kW 300 deg EAs Chinese Fr/Sa, ex12075  
 1300-1330 NF 9930 TRM 125 kW 15 deg EAs Chinese Mo-Fr, ex9720 SDA  
 1300-1330 NF 9930 TRM 125 kW 15 deg EAs Uighur Sa/Su, ex9720 SDA  
 1300-1330 NF15610 SDA 100 kW 285 deg SAs Nepali, ex12085

1330-1400 NF 9930 TRM 125 kW 15 deg EAs Chinese, ex9720 SDA  
 1330-1400 NF15550 TAC 100 kW 121 deg SAs Hmong Thu/Fr, ex11945 TRM  
 1330-1400 NF15550 TAC 100 kW 121 deg SAs Assamese Su/Wed, ex11945 TRM  
 1330-1400 NF15550 TAC 100 kW 121 deg SEAs Inds Mo/Tu/Sa, ex11945 TRM  
 1400-1500 NF 9645 SDA 100 kW 330 deg EAs Korean, ex1430-1530 9905  
 1400-1500 NF15705 TRM 125 kW 45 deg EAs Chinese, ex9580 SDA  
 1430-1500 NF11620 SDA 100 kW 285 deg SEAs Burmese, ex12035  
 1430-1500 NF11955 TRM 125 kW 45 deg SEAs Manumanaw Karen, ex11985  
 1430-1500 NF15530 TRM 125 kW 60 deg SEAs Manumanaw Karen, ex15180  
 1500-1530 NF 7410 TAC 100 kW 163 deg SAs Tamil, ex9945  
 1500-1530 15530 TRM 125 kW 15 deg SAs Lushai, ex15250  
 1530-1600 NF 7410 TAC 100 kW 163 deg SAs Gujarati, ex9945  
 1530-1600 NF 9740 TRM 125 kW 15 deg SAs Oriya, ex9445  
 1530-1600 NF12085 SDA 100 kW 285 deg SAs Kannada, ex9905 ERV  
 1630-1700 15490 NAU 250 kW 129 deg Eaf Somali, exISS  
 1730-1800 11870 NAU 250 kW 142 deg Eaf Oromo, exISS  
 1930-2000 NF 7325 NAU 250 kW 210 deg Naf Tachelhit, ex9495  
 2000-2030 NF 7225 NAU 250 kW 185 deg Waf French, ex9780  
 2000-2030 NF 7270 MOS 300 kW 210 deg Waf Dyula, ex6110  
 2130-2200 9800 NAU 250 kW 200 deg Waf Twi, new in B-20  
 2100-2200 NF 5955 SDA 100 kW 345 deg EAs Korean, ex5965  
 2100-2200 NF 9785 TRM 125 kW 45 deg EAs Chinese, ex9575  
 2200-2230 NF11990 SDA 100 kW 255 deg SEAs Sundanese MoWeFrSa, ex12040  
 2200-2230 NF11990 SDA 100 kW 255 deg SEAs English Tue/Thu/Su, ex12040  
 2230-2300 NF11990 SDA 100 kW 255 deg SEAs Javanese, ex12040  
 2300-2400 NF15625 SDA 100 kW 330 deg EAs Chinese, ex15685  
 2300-2330 NF15330 SDA 100 kW 270 deg SEAs Vietnamese, ex15320  
 2330-2400 NF15330 SDA 100 kW 285 deg SEAs Asho Chin, ex17650  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 28)

#### Winter B-20 season of World's Last Chance Radio via WBCQ-6

- according to WLC Radio web site:

0100-0257 9330 BCQ 250 kW 245 deg to ENAm English  
 0300-0457 9330 BCQ 250 kW 270 deg to CNAM English  
 0600-0855 9330 BCQ 250 kW 280 deg to WNAm English  
 0900-0957 9330 BCQ 500 kW 076 deg to SPAIN Spanish  
 1000-1057 9330 BCQ 500 kW 076 deg to F French  
 1100-1155 9330 BCQ 500 kW 076 deg to PORT Portuguese  
 1200-1255 9330 BCQ 500 kW 180 deg to NSAm Spanish  
 1300-1357 9330 BCQ 250 kW 220 deg to CAm Spanish  
 1400-1555 9330 BCQ 250 kW 300 deg to WCAN English  
 1600-1857 9330 BCQ 500 kW 057 deg to U.K. English  
 1900-2157 9330 BCQ 500 kW 054 deg to DL German  
 2200-2257 9330 BCQ 500 kW 100 deg to SAf Portuguese  
 2300-0055 9330 BCQ 500 kW 175 deg to BRAS Portuguese

- according to WBCQ HFCC Database

0100-0357 9330 BCQ 250 kW 270 deg to CNAM English  
 0400-0455 9330 BCQ 500 kW 070 deg to Naf Arabic  
 0500-0855 9330 BCQ 250 kW 270 deg to CNAM English  
 0900-0957 9330 BCQ 500 kW 076 deg to PORT Portuguese  
 1000-1055 9330 BCQ 500 kW 076 deg to SPAIN Spanish  
 1100-1255 9330 BCQ 500 kW 180 deg to NSAm Spanish  
 1300-1357 9330 BCQ 250 kW 220 deg to CAm Spanish  
 1400-1555 9330 BCQ 250 kW 300 deg to WCAN English  
 1600-1757 9330 BCQ 500 kW 057 deg to U.K. English  
 1800-1857 9330 BCQ 500 kW 054 deg to DL German  
 1900-2257 9330 BCQ 500 kW 081 deg to Waf Arabic  
 2300-0055 9330 BCQ 500 kW 175 deg to BRAS Portuguese  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 11)

#### Winter B-20 shortwave schedule of OCB Radio Marti & TV Marti (audio):

0000-0100 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 0000-0100 6125 GB 250 kW 174 deg to Cuba Spanish Tue-Sa TV Marti  
 0000-0100 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM

0000-0100 7365 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 0000-0100 7435 GB 250 kW 225 deg to Cuba Spanish Radio Marti  
 0100-0200 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 0100-0200 6125 GB 250 kW 174 deg to Cuba Spanish Tue-Sa TV Marti  
 0100-0200 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM  
 0100-0200 7365 GB 250 kW 225 deg to Cuba Spanish Radio Marti  
 0100-0200 7435 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 0200-0400 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 0200-0400 6125 GB 250 kW 174 deg to Cuba Spanish Tue-Sa TV Marti  
 0200-0400 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 0200-0400 7435 GB 250 kW 225 deg to Cuba Spanish Radio Marti  
 0400-0600 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti till Dec 12  
 0400-0600 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti till Dec 12  
 0400-0600 7435 GB 250 kW 184 deg to Cuba Spanish Radio Marti till Dec 12  
 1000-1100 5980 GB 250 kW 172 deg to Cuba Spanish Radio Marti  
 1000-1100 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 1000-1100 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1100-1200 5980 GB 250 kW 190 deg to Cuba Spanish Radio Marti  
 1100-1200 6030 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 1100-1200 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1200-1300 5980 GB 250 kW 190 deg to Cuba Spanish Radio Marti  
 1200-1300 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1200-1300 7435 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 1300-1400 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1300-1400 7435 GB 250 kW 205 deg to Cuba Spanish Radio Marti  
 1300-1400 11930 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 1400-1700 11860 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1400-1700 11930 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 1400-1700 13820 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 1700-2000 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM  
 1700-2000 11860 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 1700-2000 11930 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 1700-2000 13820 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 2000-2200 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM  
 2000-2200 9565 GB 250 kW 164 deg to Cuba Spanish Radio Marti  
 2000-2200 11860 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 2000-2200 11930 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 2200-2300 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM  
 2200-2300 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 2200-2300 7375 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 2200-2300 9565 GB 250 kW 164 deg to Cuba Spanish Radio Marti  
 2300-2400 6125 GB 250 kW 174 deg to Cuba Spanish Mo-Fr TV Marti  
 2300-2400 7345 GB 050 kW 174 deg to Cuba Spanish Radio Marti DRM  
 2300-2400 7355 GB 250 kW 183 deg to Cuba Spanish Radio Marti  
 2300-2400 7435 GB 250 kW 184 deg to Cuba Spanish Radio Marti  
 2300-2400 9565 GB 250 kW 164 deg to Cuba Spanish Radio Marti  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 20)

**U.S.A. [KOREA South ]** - South Korea B-20 season Suprise. Looking through the B20 files at HFCC I noticed that South Korea has a new entry for their 0100 UTC Spanish broadcast.

It is 5990 kHz from USAGM Greenville relay center 250 kW at 172 degrees CIRAF Zones 12 and 14. Must be a replacement for 9605 kHz because of the sale of WHRI.  
(Peter W Hansen, WOR Oct 14)

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

R Free Asia Broadcast Frequency Schedule, B20 schedule - Valid October 25, 2020 - March 28, 2021:

Burmese

0030-0130 on 7510TJK 9510TIN  
 1230-1330 on 11795TIN 15110KWT  
 1330-1400 on 11795KWT 12055TIN 13740TIN  
 1400-1430 on 11795KWT 12055TIN

## Cantonese

1400-1500 FNP? - frequency hopping? 9390TIN

## 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 11520TIN 11550TIN  
 1700-1900 on 1188SEO 9985SAI 11550TIN  
 2100-2200 on 9940SAI 9985SAI 11945TIN

## Lao

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

## Mandarin

0300-0400 on 11980KWT 15340SAI 17660SAI  
 0400-0500 on 11980TIN 15340SAI 17660SAI  
 0500-0600 on 11980TIN 15340SAI 17660SAI 21700TIN  
 0600-0700 on 11980TJK 15340SAI 17660SAI 17760TIN  
 1500-1600 on 7420TJK 7665TJK 9790SAI  
 FNP / KWT 11725tu 11765mo 11590sa 11590su 11765fr 11765we 11725th  
 1600-1700 on 7415TIN 7665TJK 11590TIN  
 FNP / SAI 9720tu 9455mo 9905sa 9905su 9455fr 9455we 9720th  
 1700-1800 on 9860SAI 11590TIN  
 1800-1900 on 9860SAI 11590TIN  
 1900-2000 on 1557KOU 5890KWT 7520KWT 9455SAI 9860SAI  
 2000-2100 on 1557KOU 5890KWT 7520KWT 9410SAI 9455SAI 11520TIN  
 2100-2200 on 1557KOU 7520KWT 9410SAI 9455SAI  
 2300-2400 on 9860KWT 11520TIN 11775SAI

## Tibetan

0100-0200 on 9670TJK 11895TJK 11950KWT 13795SAI  
 0200-0300 on 9455KWT 11540TIN 11895SAI 11950KWT 12010TIN  
 0600-0700 on 15255SAI 15665TJK 17675BIB 21480TIN  
 1000-1100 on 9690TJK 15665TIN  
 FNP / TIN 17580tu 17830mo 17660sa 17730su 17840fr 17815we 17820th  
 1100-1200 on 9315TJK 12050KWT 15745TIN  
 1200-1300 on 9315TJK 11935TIN 12050KWT 13830TJK 15745TIN  
 1300-1400 on 9315TJK 11855SAI 13650KWT 13830TJK 15745TJK  
 1500-1600 on 9315TJK 11805KWT 12125TIN  
 2200-2300 on 7480KWT 9790KWT 12050TIN  
 2300-2400 on 5970TJK 7470TJK 7540KWT 9535KWT

## Uyghur

0100-0200 on 7580TJK 9450SAI 9700KWT 11530TIN 12065KWT  
 1600-1700 on 7545TJK 7565KWT  
 FNP / KWT 11775tu 11800mo 11890sa 11775su 11885fr 11805we 11780th

FNP Frequency Not Promoted ("A.J." Janitschek, Director Program & Operations Support, Radio Free Asia)

Visit us at <<http://www.rfa.org>> or at <<http://techweb.rfa.org>>

(RFA via Siegbert Gerhard-D, via wwdxc BC-DX TopNews Oct 20)

**U.S.A. [GERMANY / KUWAIT / THAILAND / UAE / VATICAN STATE] -**

Winter B-20 frequency changes of R.Farda / R.Mashaal / R.Free Afghanistan:

0400-0730 NF12025 Lam 100 kW 108 deg to WAs Persian Radio Farda, ex11675  
 0400-1300 NF12130 KWT 250 kW 78 deg to WAs Pashto Radio Mashaal, ex12110  
 0730-1330 NF17560 UDO 250 kW 300 deg to WAs Persian RFarda, ex11675 Lam  
 1230-1430 on 9990 UDO 250 kW 300 deg to WAs Persian Radio Farda, exKWT  
 1230-1330 on15640 UAE 250 kW 45 deg to WAs Dari Radio Free AFG, exKWT  
 1330-1400 on15640 SMG 250 kW 89 deg to WAs Pashto Radio Free AFG, exKWT



1330-1430 NF11695 Lam 100 kW 92 deg to WAs Persian Radio Farda, ex11675  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 18)

**UZBEKISTAN** - Winter B-20 season of Bible Voice Broadcasting BVB via ENC-DMS Tashkent UZB:

1200-1300 6240 UZB 100 kW 163 deg to SAs Urdu/Punjabi Sat, B-19/A-20  
1300-1330 NF7520 UZB 100 kW 076 deg to EAs English Mon-Wed, ex7555 DB  
1300-1315 NF7520 UZB 100 kW 076 deg to EAs English Friday, ex7555 DB  
1300-1330 NF7520 UZB 100 kW 076 deg to EAs Korean sa/Su, ex7555 DB  
1830-1845 7520 UZB 100 kW 076 deg to EAs Korean sa/Su, new as A-20  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

New time and frequency of Radio Ranginkaman Radio Rainbow:

1730-1800 NF7605 UZB 100 kW 236 deg to WAs Persian, ex1630-1700 UT on 7600 kHz.  
1730-1800 7600 UZB 100 kW 236 deg to WAs in B-19 and tentative in B-20  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

Radio Liberty Tajik sce on additional 9335 kHz, October 14:

1400-1500 9335 UZB 100 kW 131 deg to SAs Tajik - additional  
1400-1500 11850 Lam 100 kW 75 deg to CAs Tajik as scheduled  
1400-1500 15450 Lam 100 kW 77 deg to CAs Tajik as scheduled  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 14)

11550 kHz OPPOSITION. Iran Intl TV, London studio via Erevan, [ARMENIA - not, rather via Tashkent UZB instead, according KiwiNet Server TDoA direction finding option til 14 UT] at 1237 UT, Oct 10; wobbly signal and already at threshold level at 1237 UT check. Still early for reception in the Midwest. Was only a carrier when checked fifteen minutes ago, so this is going in the right direction and building. Would hope for decent reception well before the 1400 UT shutdown on this fqy, as noted yesterday.

Iran International TV/Radio, London studio via Erevan (presumed), at 1230 UT on Oct 11; fair signal and clear today at 1230 UT with YL and OM reading news, little musical bursts separating items. 1315 UT end of nx show, brief Islamic call to prayer chant, piano tinkling and YL in Farsi.

At 1325 UT found def // the radio stream on website, which is separate from the TV stream. Must click on radio stream button. (They now have dedicated radio audio, after first started SW ops by just relaying the audio from their TV service.) Signal peaking at 1350 UT to the upcoming close at -1400\* UT.  
(Ralph Perry-IL-USA, in naswa via WOR Oct 11)

**VATICAN STATE / MADAGASCAR / PHILIPPINES -**

Winter B-20 season frequency changes of Vatican Radio:

0620-0700	NF11620	SMG	250 kW	118 deg	NE/ME	Latin	Mass Su,	ex11935
0700-0710	NF11620	SMG	250 kW	118 deg	NE/ME	Italian	Mo-Sa,	ex11935
0710-0730	NF11620	SMG	250 kW	118 deg	NE/ME	Arabic	Mo-Sa,	ex11935
0730-0745	NF11620	SMG	250 kW	118 deg	NE/ME	French	Mo-Sa,	ex11935
0705-0800	NF11815	SMG	250 kW	60 deg	EaEUR	Ukrainian	liturgy Su,	ex11935
0930-1050	NF17790	SMG	250 kW	139 deg	EaF	Amharic	liturgy 1stSu	ex17590
0930-1050	NF17790	SMG	250 kW	72 deg	CAs	Russian	liturgy 2ndSu	ex17590
0930-1050	NF17790	SMG	250 kW	91 deg	CAs	Armenian	liturgy 3rdSu	ex17590
0930-1050	NF17790	SMG	250 kW	72 deg	CAs	Russian	liturgy 4thSu	ex17590
0930-1050	NF17790	SMG	250 kW	94 deg	NE/ME	Arabic	liturgy 5thSu	ex17590
1130-1200	NF17790	SMG	100 kW	100 deg	NE/ME	English	liturgy Fr,	ex17590
1230-1250	NF 7420	PHT	250 kW	332 deg	FE/RUS	Russian,		ex 7445
1230-1315	NF 9720	PHT	250 kW	315 deg	EAs	Chinese	Mass Sa,	ex 9560
1530-1600	NF11935	SMG	250 kW	115 deg	EaF	Amharic,		ex11620
1600-1615	NF11935	MDC	250 kW	317 deg	CAf	Swahili	Sa,	ex11625
1615-1630	NF11935	MDC	250 kW	000 deg	EaF	Somali	Sa,	ex11625
1600-1630	NF11935	MDC	250 kW	317 deg	CAf	Swahili	Su-Fr,	ex11625
1630-1700	NF11935	MDC	250 kW	258 deg	SAfF	English,		ex11625
1700-1730	NF11935	SMG	250 kW	175 deg	ECAf	French,		ex11625
1730-1800	NF11935	SMG	250 kW	145 deg	NE/ME	Tigrinya,		exMDC11625

Winter B-20 frequency change of Radio Veritas Asia via Santa Maria di Galeria, Vatican State bcst center:

0000-0027 9700 SMG 250 kW 070 deg to SEAs Kachin, ex9770 B-19 season.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Oct 13)

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**Editor's info desk was closed for this edition on November 7th, 2020, at 19:00 hours UTC.**

**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.

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

Others as stated at contribution.

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### Abbreviations:

with name of station:

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

Location of transmitters with frequency:

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

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

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### 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

also monitoring via WORLD WIDE WEB.

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# DX LOGBOOK

## Logs around the clock

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

### SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5960.0	0101	453	D	Mighty KBC Radio relay	English	Giant Jukebox,digital test	0111	RL
7410.0	0414	453	ROM	Radio Romania Intl.,	English	Listeners Day	0211	RL
9955.0	2355	452	USA	Radio Emma Toc relay	English	Music,AI Stewart et al	0311	RL

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

- 6050.0 ECUADOR HCJB - Pico Pichincha, 0047-0112 Oct 10, man announcer talking in listed Waoroni language followed by group vocals. At 0100 station ID into Spanish language, Fair.
- 6050.0 FRANCE Radio Algerienne – Issoudun, \*0400-0427 Oct 10, opening with station IDs in French, English and Arabic languages before a man announcer gave the news in the Arabic language. Recitations followed at 0415. Fair with HCJB noted underneath.
- 6155.0 AUSTRIA Radio Oesterreich International – Moosbrunn, \*0459-0527 Oct 14, opening instrumental music followed by a woman announcer with station ID and opening announcements in the German language. Man with news features. Good signal.
- 7220.0 CHINA China Radio International – Xian, 2321-2342 Oct 5, woman announcer with long talk in the Vietnamese language. Poor signal.
- 7340.0 CLANDESTINE Eye Radio – Issoudun, \*0400-0427 Oct 16, man announcer with opening announcements followed by news in the Arabic language. Time pips at 0415 followed by another man with English language station ID, website information and news. Poor to fair reception.
- 7505.0 USA WRNO – New Orleans (presumed), 0016-0107 Oct 11, Non-stop religious programming; first religious vocals then woman with English language religious talk followed by a man announcer with Spanish religious talk. Mix of vocals and religious talks. Good signal but no WRNO station ID.
- 9655.0 FRANCE Radio Algerienne – Issoudun, 2035-2059\* Oct 16, man announcer with Arabic language talk hosting a program of recitations. Fair to good.
- 9740.0 ENGLAND Voice of America – Woofferton, 2114-2129\* Oct 5, Learning English feature hosted by a woman announcer in French language . (Closed after brief instrumental music segment. Good signal. Panorama features in the English language . Brief vocal prior to carrier being terminated. Fair to good.
- 9940.0 ESWATINI Trans World Radio – Manzini, 1932-2005\* Oct 16, group singing followed by a man announcer with long religious talk in the listed Lingala language. At 2002 another man spoke over instrumental music in apparent close-down routine. Familiar IDs at 2005 before carrier was terminated. Poor to fair.
- 11560.0 INDIA All India Radio – Bengaluru, 1443-1511 Nov 1, several nice vocal selections with a man announcer hosting with talk in the listed Pashtu language. Fair to good signal.
- 11640.0 MALI China Radio International – Bamako, 2115-2130\* Oct 6, English language transmission with talk about the COVID19 and spread of the disease. Station ID prior to carrier terminated. Fair to good signal.
- 11720.0 USA Voice of America – Greenville, 2145-2201\* Oct 25, woman announcer in English language hosting Country Music program countdown with several station IDs. Man with "This is the Voice of America, Washington, DC signing off" close at 2200 followed by Yankee Doodle. Great signal.
- 11770.0 NIGERIA Voice of Nigeria – Abuja, 1751-1822 Oct 20, man speaking in the English about African Union and updates on pandemic. A health related public service announcements at 1759 . At 1800 instrumental music followed by station ID and a woman announcer with the English language news. Fair signal.
- 11900.0 ROMANIA Radio Romania International – Galbeni, 1549-1556\* Oct 6, man announcer with talk in the Arabic language followed by vocals. Another man announcer with station ID and close-down announcements followed by familiar IS. Good signal.

- 11900.0 SAO TOME Voice of America – Pinheira, 2011-2027\* Oct 20, French language talk by a man announcer program host with vocal selections; woman announcer with apparent language lesson as several English language phrases were heard, Carrier cut mid-song. Fair signal.
- 11900.0 BOTSWANA Voice of America – Moepeng Hill, \*2029-2059\* Oct 24, male vocal selection opening followed by a man announcer with French language talk, station ID and announcements hosting a program of French pops, hipline and rap vocals. This program is available only on Saturday and Sunday. Good signal.
- 11915.0 SAUDI ARABIA BSKSA (Holy Quran) – Riyadh, 2151-2224 Nov 1, a program of recitations with occasional talk in the Arabic language by a man announcer. Poor to fair.
- 15120.0 USA Voice of America – Greenville, 2148-2201\* Oct 5, man announcer talking in the listed Bambara language. Mix of talks and lively vocals. English station ID at conclusion of transmission (“This is the Voice of American, Washington, DC signing off”) followed by Yankee Doodle. Fair.
- 15510.0 ENGLAND Radio Sama – Woofferton, 1726-1748 Oct 20, woman with a vocal selection followed by a man talking in the Arabic language. Program seemed to consist of vocal selections and brief talks. Fair.

### Here are the loggings from Rudolf Grimm, São Bernardo, SP, Brazil:

- 4054.99 GUATEMALA : Radio Verdad, Chiquimula, Spanish, 20/10 2320. Christian songs in Spanish, talk by male voice, id: 'Transmite la estación Radio Verdad, 4055 kHz,..., radioverdad5@yahoo.com...' . 15421.
- 4800.0 CHINA: China National Radio 1 (t), via Golmud, Chinese, 22/10 2056. Talk and songs in Chinese. Time pips from CNR on 2100, and a male voice communication, perhaps the time checking. 25422.
- 4960.0 SÃO TOMÉ & PRÍNCIPE: Voice of America, via Pinheira, Hausa, 22/10 2031. Male communication to Africa, instrumental music. 25322
- 4996.0 RUSSIA: RWM, Moscow RUSSIA, id in CW 'RWM, ...', and then the time pips sequence. 569 / 35553.
- 5010.0 USA: Adventist World Radio, via Okeechobee, English, 27/10 0015. Preaching by male voice, song. 25532
- 5020.0 SOLOMON ISLANDS: Solomon Islands BC (t), Honiara, English, 23/10 0855. Female voice communication in English language. 15421
- 5900.0 BULGARIA:The Overcomer Ministry, via Kostinbrod, English, 17/10 2050. Message in Brother Stair style. Religious program. 25522
- 5945.0 NEW ZEALAND: Radio New Zealand International, Rangitaiki, English, 23/10 0835. Talk by male and female voices. 'New Zealand...'. 35543
- 5952.44 BOLIVIA: Emisora Pio XII, Siglo Veinte, Spanish, 17/10 2240. Female Talks, listener contact by phone. No Id. 24322.
- 6055.0 JAPAN: Radio Nikkei 1, Chiba, Japanese, 23/10 0805. Instrumental music, male communication. 25442.
- 6070.0 CANADA: CFRX Toronto (t), Toronto, English, 23/10 0810. Pop song, male communication. 15431
- 6100.0 NORTH KOREA : KCBS Pyongyang, Korean, 23/10 0830. Children choir song. 25442. choir songs 25222.
- 6115.0 JAPAN: Radio Nikkei 2, Chiba, Japanese, 23/10 0825. Pop song, talk by male voice. 25442 .
- 6140.0 CHINA: CRI, Kunming, Chinese, 17/10 2215. Talk by male and female voices, Chinese instrumental music. 35543
- 6145.0 CHINA: PBS Qinghai, Xining, Chinese, 23/10 0830. Male and female announcers, communication in Chinese. 25432
- 6155.0 SOUTH KOREA: KBS World Radio, Kimjae, Japanese, 23/10 0815. Male communication, interview. 35553
- 6290.0 BRAZIL: Oldies in a regular/good sound quality. It seems to be a Brazilian pirate station. No voice communication, just the oldies: Bryan Ferry, Mamas and the Papas.... 35433 .
- 6400.0 NORTH KOREA:Pyongyang BS, Kanggye, Korean, 17/10 2207. A speech in a nervous style by male voice, as ever in North Korean communication... 25332.
- 7570.0 USA: WRMI, Okeechobee, English, 20/10 2257. Jingle, id: '... this is WRMI, Okeechobee...'. 35543
- 8434lsb CHINA: XSQ Guangzhou Coast Station, CW, 26/10 2320. Digital signals and 'XSQ' in CW. RST 589
- 9265.0 USA: WINB, Red Lion, English, 26/10 2330. Christian songs by choir, preaching male voice. 25442
- 9405.0 PHILIPPINES: FEBC, Bocaue, Chinese, 26/10 2350. Christian program, talk by female voice, interview. 35543
- 9420.0 GREECE: Helliniki Radiophonie, Avlis, Greek, 26/10 2356. Talk by male voice announcer, a beautiful song in Greek language by male voice. 35543
- 9500.0 ESWATINI : TWR Africa, Manzini, English, 27/10 1812. Preaching by male voice, songs, TWR Africa interval signal on 1902. 35543
- 9620.0 ROMANIA : Radio Romania International, Tiganesti, Spanish, 22/10 2125. Romanian song, female communication, '..programa musical... costa romana del Mar Negro...'. 45554
- 9650.0 NORTH KOREA: Voice of Korea, Kujang, Japanese, 17/10 2202. The traditional North Korean choir songs, talk by male voice. 24222
- 9690.0 SPAIN: Radio Exterior de España, Noblejas, Portuguese, 26/10 0010. Female voice announcer, interview w/ a Brazilian YL, '..o que podemos fazer de melhor?'. 35553.
- 9730.0 VIETNAM : Voice of Vietnam, Hanoi, English, 22/10 2140. Typical instrumental music, male and female communication, '...Hanoi...'. 35333
- 9980.0 USA: WWCR Nashville, English, 20/10 2120. Religious program, voice of BrotherStair, 'God bless you... The Overcomer Ministry'. 35543
- 11985.0 MADAGASCAR : Adventist World Radio, via Talata-Volondry, Arabic, 26/10 1940. Christian message by male voice, song, female announcer: 'www.awr.org ....'. 35553
- 12030.0 SPAIN: Radio Exterior de España, Noblejas, Spanish, 26/10 1932. Male voice communication, interview, '..problemas sociales en el continente americano...'. 35543
- 13745.0 ARMENIA: TWR India, via Yerevan, Bengali, 17/10 1315. Message by male voice, prayer, song by a youth group, interval signal from TWR India on 1330. 35543.

- 15105.0 ESWATINI : TWR Africa, Manzini, Linghala, 26/10 1955. Christian message by male voice, instrumental music, TWR Africa interval signal on 2005. 35543
- 15190.0 BRAZIL: Radio Inconfidencia, Belo Horizonte, 27/10 1915. Male voice communication, Brazilian song Roberto Carlos, id 'Radio Inconfidencia'. 35543
- 15190.0 PHILIPPINES: Radio Pilipinas, Tinang, Filipino, 27/10 1802. Talk by male and female voice announcers, 'Radio Pilipinas Worldwide...'. 35443
- 15215.0 FRANCE : Deutsche Welle, via Issoudun, Hausa, 17/10 1307. Talk by male voice, interview, jingle 'DW'. 35543
- 15310.0 UK : RFE/R. Liberty, via Woofferton, Uzbek, 18/10 1450. Male and female voices communication, instrumental music. 35543
- 15475.99 ANTARCTICA: LRA36 Radio Nacional Arcangel San Gabriel, Base Esperanza, Spanish, 20/10 1335. Talk by 2 ladies, songs in Spanish, phone-in, id 'LRA36 Radio Nacional...'. 35343. Special transmission, 41 years on-the-air!!!
- 15530.0 MADAGASCAR :Adventist World Radio, via Talata-Volondry, Sinhala, 18/10 1405. A Christian message by male voice, song, a prayer. 35543
- 15605.0 BOTSWANA: VOA, via Selebi-Phikwe, Kurdish, 18/10 1440. Male voice communication, interview. 15625.0 GUAM : Adventist World Radio, via Agat, Chinese, 27/10 0025. A Christian song in English language, contact address by YL. 35553
- 17770.0 TURKEY : Voice of Turkey, Emirler, Uyghur, 17/10 1432. Talk by male and female voices, song in Turkish language. 35433
- 17895.0 SÃO TOMÉ & PRÍNCIPE: Voice of America, via Pinheira, English, 27/10 1510. Pop songs, 'VoA', talk by male voice announcer. Song by Dido. 35553

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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 the trees.

\*\*\*\*\*

Dear Friends,

Welcome to the short November edition.

Thanks to our contributors for this edition of Logbook,

*Ashok Kumar Bose*

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	<h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: &lt;qsl@wwdxc.de&gt;</p>	
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**Argentina/Armenia:** RAE Onda corta e internet 7500 kHz via Gavar (Armenia). German service. Full data colour e-QSL-jpg (special QSL "100 years of radio in Argentina" in blue/white/black), but one day relay station in Armenia not mentioned. Received in 1 day for report in German to producer Rayén Braun of the German service at <raedeutsch@yahoo.com.ar>. Reply from: <qslrae@logdeargentina.com.ar>. (HB)

**Armenia:** AWR 9580 kHz via "Erevan" (Gavar-Noratus). English Service (Wavescan). Full data colour QSL (Asia motive of 2018) in English plus Gospel tract received in 229 days from AWR, 1 Milbanke Court, Milbanke Way, Bracknell RG12 1RP, England for report sent to <qsl@awr.org>. (HB)



**Czech Republic:** Radio Praga via Radio 360 6005 kHz. QSL received in 35 days for report sent to: <deutsch@radio.cz> (BS)

**Germany:** CAE Radio via Shortwave Service 7500 kHz. e-QSL received in 5 days for report sent to: <info@shortwaveservice.com> (BH)

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

**Korches Radio** 6070 kHz via Channel 292. e-QSL received in 6 days for report sent to: <korches-radio@gmx.de> (BS)

**Radio City** 9510 kHz. E-QSL received in 1 day for report sent to: <citymorecars@yahoo.ca> (BS)

**Radio Klein Paris** 6070 via Channel 292. e.QSL received in 1 day for report sent to: <kunos-radiothek@web.de> (BS)

**Radio Power Rumpel** 6070 kHz via Channel 292. e-QSL received in 2 days for report sent to: <radiopr@patyheld.de> (BS)

**SM Radio Dessau** 6070 kHz via Channel 292, e-QSL received in 3 days for report sent to: <maxberger@smradio-dessau.de> (BS)



**Netherlands:** Radio GAAR via Piepzender Zwolle 3920 kHz Dutch music service. Part data (wrong date, no time) colour e-QSL-png in English. Received after 3 days day for e-report to <requestqsl@gmail.com> (HB)

**Slovakia:** Radio Slovakia Intl via Radio 360 6005 kHz. QSL received in 35 days for e-report sent to: <rsi\_german@rtvs.sk> (BS)

**Taiwan:** Radio Taiwan Int 5900 kHz. QSL received in 22 days for e-report sent to: <deutsch@rti.org.tw> (BS)

**Unofficial/Free Radio:** Texas Radio Shortwave 6255.3 khz. Full data colour Elvira, Mistress of the Dark Halloween eQSL in English in 1 hour for e-report to: <texasradiosw@gmail.com> (TC)

Texas Radio Shortwave 3940 / 3955 kHz. Full data colour "Collector's Edition" armadillo eQSL #10 for logging both 75-meter band tests in English. eQSL received in 4 hours for English report to <texasradiosw@gmail.com> (TC)



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

- BH** = Bernd Henning, Stipsdorf, Germany
- BS** = Bernd Seiser, Ottenau, Germany
- HB** = Hansjoerg Biener, Nuremberg, Germany
- TC** = Terry Colgan, Austin, Texas, U.S.A.

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With great pleasure this month we have two new reporters that send good informations about QSL. I invite other readers to contribute by sending their material to the addresses placed in the title of this page with the pictures of QSL received in .jpg and PDF format so we can add in this page.

I would like to remind all contributors to please **include the Service and not Programme section** where you sent your report to, also the postal or email addresses you sent your report to. And please mention also if you sent any return postage e.g. IRC, stamps or money. The typical format should be:

Country & Name of radio station & Frequency in kHz, Type of QSL received e.g. QSL or e-QSL (**NOT SIMPLY "QSL"**), letter, time for the reply in days and any other details that might be useful.

Please remember that the next deadline for your contributions is on **5 December 2020 at 22.00 UTC / GMT.**

Wishing everyone good listening and good health,

*Dario*