

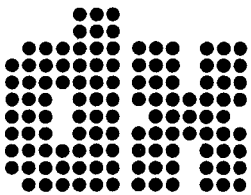
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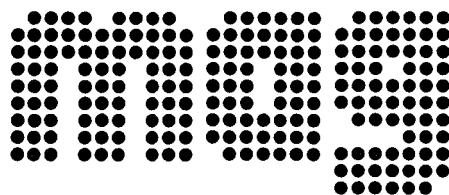



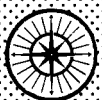
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WORLD WIDE DX CLUB



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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 2022

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DX MAGAZINE No. 11



Vol. LVI



November 2021

Hello again,

Welcome to another issue of our DX MAGAZINE. Please remember to order the new **WORLD RADIO TV HANDBOOK 2022** 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/wrth2022.pdf>>.

Bitte denken Sie daran, daß das neue **WORLD RADIO TV HANDBOOK 2022** 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.

The **A.I.R. Contest 2022 "Attilio Leoni"**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 2nd to 9th, 2022. Participation is open for all radiolisteners, A.I.R. members and non members alike. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy, E-mail: <[bpecolatto@libero.it](mailto:bpecolatto@libero.it)>.

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)>

### ALASKA - Winter B-21 frequency changes of WCB KNLS, The New Life Station:

0900-1000 NF 9540 NLS 100 kW / 300 deg to NEAs Russian tx#2, ex 6120  
 1000-1100 NF 9680 NLS 100 kW / 270 deg to SEAs English tx#2, ex 9605  
 1200-1300 NF 9580 NLS 100 kW / 270 deg to SEAs English tx#1, ex 9665  
 1300-1400 NF 9535 NLS 100 kW / 300 deg to NEAs Chinese tx#2, ex 5905  
 1500-1600 NF 9465 NLS 100 kW / 300 deg to NEAs Russian tx#2, ex 9730  
 (DX MIX 1215)

**ANTARCTICA** - 15475.98-RCUSB, Oct 2 at 1456 UT tune-in via Brasil remotes, LRA36 is on again this Saturday, usual stuff of frequent IDs, historical talk, songs, i.e. 1525 UT hielo song, 1527 UT Antartida song; 1542 UT re-"sign-on", 1545 UT Antda. song; 1552 UT rock; music past 1605 UT and 1617 UT tune-out. Manuel Mendez, Spain, who barely hears it direct, says it quit at 1717\* UT, having first tuned in at 1452 UT.  
 (gh, hcdx and WOR Oct 2)

15475.98 - RCUSB ANTARCTICA, on Oct 13 at 1511 UT, another Wednesday emission tuned in progress from LRA 36, fair S4-S6 via Brasil SDR, music; 1518 UT "sign-off" and Antartida song; but 1523 UT more music follows immediately; 1535 UT "sign-on" with multi-lingual ID including English that this is in Spanish, historical talk; 1537 UT Antartida song which starts with guitar, then vocal; 1540 UT bit of hielo song; 1550 UT a martial song; 1610 UT Esperanza ID; 1615 UT hielo song and more music; 1627 UT "La Radio Publica - Nacional" ID, more music until chopped off at 1644\* UT. Tuning down in USB, I can tell this time the reduced carrier is also gone. So back on today after missing last Saturday Oct 9. (gh, via NASWA Electronic Flashsheet #1018 on Oct 17)

**ARMENIA (non)** - Trans World Radio India in English on 13690 kHz via Yerevan. October 29:  
1430-1500 on 13690 ERV 300 kW / 100 deg to SAs English Mo-Fr. Very good via Tambov.

TWR India relay FEBA Radio Pakistan in Urdu on 13690 kHz via CJSC Yerevan, October 29:  
1500-1530 on 13690 ERV 300 kW / 100 deg to SAs Urdu Daily. Very good via SDR Tambov.  
1425-1540 on 9965 ERV 300 kW / 100 deg to SAs Eng/Urdu Winter B-21 from October 31.  
(DX MIX 1215)

**AUSTRALIA** - Reception of Reach Beyond Australia in Japanese on 11905 kHz via Kununurra, Oct 31:  
1100-1130 on 11905 KNX 075 kW / 005 deg to EAs Japanese Sa/Su. Very good via SDR Tambov, Russia.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Nov 1)

11874.977 kHz Reach Beyond Australia in Tamil (on Mondays) to South Asia at 13.18 UT, S=8 fair signal in Delhi India remotely. This RBA channel in use at 12 to 14 UT.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 1)

Reach Beyond Australia B21:  
Complete transmission schedule for B-21 from Reach Beyond Australia, with 100 kW and towards Asia:

UTC	kHz	Language	Days	1245-1300	11825	Tamil	Mo.&Sa.
				1300-1315	11875	Bhojपुरi	Wednesday
0900-0915	9860	Korean	Mo.&Fr.	1300-1315	11875	Chhattisgarhi	Sa.&Su.
0900-0930	9860	Korean	Mo.-Th.,Sa.&Su.	1300-1315	11875	Himachali	Thursday
0915-0930	9860	English	Mo.&Fr.	1300-1315	11875	Kurux	Tuesday
1100-1130	11905	Japanese	Sa.&Su.	1300-1315	11875	Marathi	Friday
1126-1756	11865	Rohingya	Mo.-Su.	1300-1315	11875	Punjabi	Monday
1128-1143	11825	Dzongkha	Mo.-Th.,Sa.&Su.	1300-1315	11825	Tamil	Mo.-Su.
1128-1158	11825	Nepali	Mo.&Fr.	1315-1330	11875	Bangla	Friday
1141-1156	11865	Bhojपुरi	Mo.-Su.	1315-1330	11875	Hindi	Wednesday
1143-1158	11825	Dzongkha	Sa.&Su.	1315-1330	11825	English	Mo.,We.,Fr.
1143-1158	11825	Tsangla	Tu.-Th.	1315-1330	11875	Marathi	Thursday
1200-1215	11945	Bhojपुरi	Tu.&Th.	1315-1330	11825	Nepali	Sunday
1200-1215	11825	Kannada	Mo.-Fr.	1315-1330	11875	Oriya	Sunday
1200-1230	11945	Bhojपुरi	Mo.&Fr.	1315-1330	11875	Punjabi	Saturday
1200-1230	11875	Hindi	Mo.-Su.	1315-1330	11825	Tamil	Thursday
1200-1230	11825	English	Sunday	1315-1330	11825	Tamil	Tuesday
1200-1230	11945	Matu	We.,Sa.&Su.	1315-1330	11875	Tamil	Tuesday
1200-1230	11825	Tamil	Saturday	1315-1330	11875	Tamil	Monday
1215-1230	11945	Bhojपुरi	Tu.&Th.	1315-1330	11825	Urdu	Saturday
1215-1230	11825	Hindi	Tu.,Th.,Fr.	1330-1345	11945	Hindi	Mo.-Su.
1215-1245	11825	Hindi	Mo.&We.	1330-1345	11875	Nepali	Mo.-Fr.
1230-1245	11825	Hindi	Tu.,Th.,Sa.	1330-1345	11875	Tibetan	Sa.&Su.
1230-1245	11875	Hindi	Tu.,Th.,Sa.	1345-1400	11875	Bangla	Friday
1230-1245	11825	Punjabi	Friday	1345-1400	11875	Bhojपुरi	Tuesday
1230-1300	11875	Hindi	Mo.,We.,Fr.,Su.	1345-1400	11875	Gujarati	Sunday
1230-1300	11825	English	Sunday	1345-1400	11945	English	Mo.-Su.
1245-1300	11825	Bangla	Thursday	1345-1400	11875	Nepali	Thursday
1245-1300	11825	Gujarati	Wednesday	1345-1400	11875	Punjabi	Wednesday
1245-1300	11875	Hindi	Tu.,Th.,Sa.	1345-1400	11875	Urdu	Mo.&Sa.
1245-1300	11825	Kurux	Tuesday	1430-1500	11825	Bhojपुरi	Mo.-Su.
1245-1300	11825	Marwari	Friday	2230-2300	15410	Japanese	Mo.-Su.

Reception reports are confirmed with QSL - send to <radio-at-reachbeyond.org.au>  
(AER 29 Oct 2021, EA4-0003 via gh, WOR)

**BOTSWANA / SAO TOME** - US AGM Kirundi language sce to CAf, Burundi-Uganda-Congo-Tanzania target, requested 03.30-04.30 UT much odd frequency on 7275.031 kHz from US AGM Sao Tome Selebi-Phikwe bcast relay site, at 04.02 UT S=9+15dB into EUR SDR remotely, 12 kHz wideband, and // 7460even exact from Botswana relay center. Nov 5th.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 5)

**BRAZIL** - Since 31 October I have been trying to identify a new station on 6150 kHz in Portuguese, with weak but clear reception in New Zealand peaking around 0630 to 0900 UT. As the new B21 international broadcast schedule started on Sunday I initially thought this might be a traditional international station but the format of western pops (musica internacional) and regular time checks for UTC -3hrs pointed to Brazil.

Brazilian station Radio Record used 6150 kHz last century but I couldn't find any current information. I could only get a // to my reception on some Brazilian SDRs and also Paraguay, though barely better than my reception here in Mangawhai-NZL. Yesterday I asked some Brazilian DXers for help and they were able to confirm the station is Radio

Saturno in Belo Horizonte. Saturno's facebook page proudly proclaims they broadcast on 92.3 FM and 6150 kHz shortwave.

So a reception report with audio file was duly dispatched Saturno's overnight response (translated) - "Greetings friend Bryan, Radio Saturno is very happy with your report and confirms its reception at 6150 kHz. Soon we will send you an electronic QSL, hugs!"

Very pleased with this DX catch! I was also hearing radio Inconfidencia's 6010 kHz 5 kw transmitter at the same time; Saturno' signal was only marginally weaker so I would guess they could be at least a kilowatt or have a very good antenna!

I have not heard Radio Saturno 6150 kHz since 2 November. In a follow-up response, they advise "we are still in technical adjustments, little by little we are getting better and better". (Nov 3)

(Bryan Clark-Mangawhai-NZL, NZL DXT New Zealand R DX League and via WOR via wwdxc BC-DX TopNews Nov 2 / 3)

6150 kHz Radio Saturno, Belo Horizonte, 0910-0955 UT on Nov 4. Log via SDR remote receiver in Pardinho, near Sao Paulo, Brazil. Not possible to try to hear it directly here in Lugo due to daylight. Non stop very nice pop songs in English, oldies, at 0929 UT ID. "A Saturno FM esta no Facebook, facebook.com/radiosaturnoFm923, 5 horas y 29 minutos", and at 0942 UT: "Saturno FM, 92.3", song by Tom Jones, "Sultans of Swing" by Dire Straits, "Smooth Operator" by Sade. Fair signal. ...

(Manuel Mendez-Lugo-ESP, hcdx / BrDXC-UK groups.io Nov 4)

Stations heard in Friol, NW of Spain:

9550 Radio Boa Vontade, Porto Alegre, 2021-2034 UT on Oct 23, Portuguese, religious comments. Very weak. 15311. 11815v kHz Radio Brasil Central, Goiania, 0758-0826 UT on Oct 24, identification song, "Radio Brasil Central, Goiania", "Madrugada Musical", Brazilian songs. 35433.

(Manuel Mendez-Lugo-ESP, hcdx Oct 24)

11780 kHz Sat, Oct 9. 2136-2150 UT, Radio Nacional da Amazonia, Brasilia-DF, in Portuguese. Man announcer presents a program "Show de Bola Nacional": News and comments about Brazilian football games with a men reporters collaboration. Good reception: 45544.

(Jota Xavier-BRA, hcdx Oct 9)

9666.075 kHz much odd fq of probably Radio Voz Missionaria (10 kW) ZYE890 "a melhor estacao ...", from Camboriu SC, S=9+25dB at 23.13 UT. <<http://www.gideoes.com.br>>

and at present Oct 13 at 23.38 UT noted on center 9666.076 kHz, unstable fq signal, drifted some 3-4 Hertz up and down.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 9 / 13)

**CANADA (non)** - New winter B-21 shortwave schedule of Bible Voice Broadcasting:

All NOT frequencies are for Summer A-21 schedule of Bible Voice Broadcasting

0200-0230	on	11790	MDC	125	kW	/	050	deg	to	SAs	English	Thu	, not	11945/11960	
0501-0516	on	9450	NAU	250	kW	/	120	deg	to	N/ME	Arabic/English	Fr	, not	9735	
0600-0615	on	9440	NAU	125	kW	/	180	deg	to	NAf	Arabic	Dardasha	7	, not	11655
1200-1230	on	17650	MDC	125	kW	/	045	deg	to	EAs	English	Sa	, not	21480	
1230-1245	on	21480	MDC	125	kW	/	080	deg	to	SEAs	English	1st&3rd	Su		
1200-1300	on	6240	TAC	100	kW	/	163	deg	to	SAs	Urdu	Sa	, missing/cancelled??		
1300-1330	on	11590v	TAC*100	kW	/	066	deg	to	EAs	English	Mo-Wed	, not	DB		
1300-1330	on	11590v	TAC*100	kW	/	066	deg	to	EAs	English	Korean	Fr	, not	DB	
1300-1330	on	11590v	TAC*100	kW	/	066	deg	to	EAs	Korean	Sa/Su	, not	DB		
1400-1430	on	11900	NAU	250	kW	/	102	deg	to	SAs	English	1st	Sa	, not	15265
1430-1500	on	11900	NAU	250	kW	/	102	deg	to	SAs	English	Sa	, not	15265	
1430-1459	on	15300	ISS	100	kW	/	135	deg	to	ECAf	Nuer	Daily			
1500-1515	on	11600	SCB	100	kW	/	306	deg	to	WEu	Arabic	Dardasha	7		
1715-1730	on	5995	SCB	050	kW	/	126	deg	to	N/ME	Arabic	Mo/Wed	, not	9490	
1730-1745	on	5995	SCB	050	kW	/	126	deg	to	N/ME	Arabic	Dardasha	7	, not	9490
1600-1630	on	11790	NAU	250	kW	/	142	deg	to	EAF	Oromo	Su-Tue			
1630-1700	on	11790	NAU	250	kW	/	142	deg	to	EAF	Somali	Sa/Su			
1630-1730	on	11790	NAU	250	kW	/	142	deg	to	EAF	Amharic	Tue			
1700-1730	on	11790	NAU	250	kW	/	142	deg	to	EAF	Amharic	Wed/Thu			
1730-1800	on	11790	NAU	250	kW	/	142	deg	to	EAF	Amharic	Su			
1730-1800	on	11790	NAU	250	kW	/	142	deg	to	EAF	Tigrinya	Tue/Wed			
1800-1830	on	9715	MOS	100	kW	/	115	deg	to	N/ME	English	Thu	, not	9810	
1800-1815	on	9715	MOS	100	kW	/	115	deg	to	N/ME	English	Fr	, not	9810	

1830-1930 on 9715 MOS 100 kW / 115 deg to N/ME English Sa not 9810  
 1830-1930 on 9715 MOS 100 kW / 115 deg to N/ME English Su, not 9810  
 1800-1900 on 7365 NAU 100 kW / 105 deg to WAs Persian Thu, not 9610  
 1800-1830 on 7365 NAU 100 kW / 105 deg to WAs Persian Fr, not 9610  
 1800-1830 on 7365 NAU 100 kW / 105 deg to WAs Arabic Sa, not 9610  
 1830-1900 on 7365 NAU 100 kW / 105 deg to WeAs Persian Tue/Su, not 9610  
 1830-1900 on 7520vTAC 100 kW / 066 deg to EAs Korean Sa/Su, not DB  
 1915-1930 on 5935 NAU 250 kW / 125 deg to WAs English Su, not 9635  
 1930-2015 on 6080 NAU 125 kW / 130 deg to N/ME English Su, missing  
 1931-1946 on 5900 SCB 050 kW / 126 deg to N/ME Arabic Dardasha 7  
 1947-2002 on 5900 SCB 050 kW / 126 deg to N/ME Arabic Dardasha 7  
 1945-2000 on 9400 SCB 050 kW / 195 deg to NAF Arabic Dardasha 7  
 \* bad frequency selection, strong co-ch KTWR / Trans World Radio Asia  
 1300-1310 on 11590 TWR 200 kW / 285 deg to SoAs Hindi/English Mo-Fr  
 1315-1330 on 11590 TWR 200 kW / 285 deg to SoAs Bhatni Su FEBA India  
 (DX MIX 1216)

**CHINA** - 7210 kHz PBS Yunnan Minority Service, Kunming, 1210 UT on Sept 21; fair/good signal 1210 UT with YL in vernacular (Kachin listed at this time), long orchl interludes. Noting 6035 kHz much weaker and het-ridden.

Can't clean it up well enough to listenable quality. Second fqy seems same programming (same YL, type of mx bursts), but not quite // Perhaps a confusing lag.  
 (Perry-IL-USA, via NASWA Electronic Flashsheet #1015, Sept 26)

Actually Yunnan has two distinctly different services. Have never heard them // .7210 kHz, is indeed the Minority Service with indigenous languages; starts about 1045 UT, with singing IS (Chinese songs or in vernacular?); at 1100 UT into their programming. Sept 27 had very strong CNR1 jamming occurring on 7210 kHz, from 0828+ UT, blocking Sound of Hope (Taiwan). Recently CNR1 has been fairly active; in the past it was rarely heard here

6035 kHz, is "Yunnan Radio International" service in Vietnamese and Chinese; since Jan 10 of this year, I have heard this new service blocking any chance I might have had to hear BBS (Bhutan) on this frequency. Since Jan, Yunnan is no longer relaying FM99 here. On Sept 27, heard the International Service's musical IS at 0955 UT, before they started their programming in Vietnamese and later changing over to Chinese.  
 (Ron Howard-CA-USA, direct and WOR via wwdxc BC-DX TopNews Sept 27)

**COLOMBIA** - La Montana Colombia on 4940 kHz, October 15: from 0800 on 4940 MIA 001 kW / non-dir to SAm Spanish. Good via SDR Kralendijk Bonaire, Caribbean Netherlands. (DX MIX 1214)

**CUBA** - 6165 Sept 20 at 0300 UT, RHC is absent, leaving 6159.949 kHz WBCQ with Area 51 JL and then WOR, in the clear! Splashless. RHC not on alt. 6145 kHz either. However by 0352 UT RHC back on 6165 kHz doing its usual damage. Meanwhile, VOT English 0300 UT broadcast was audible on 6165 kHz. Something's always wrong at RHC.  
 (gh, via NASWA Electronic Flashsheet #1015 Sept 26)

6060 kHz Oct 2 at 0638 UT, RHC English with humbuzz after some nights not suffering from that, S=9+20/30dB ; 6165 kHz is S=9+30/40dB and somewhat overmodulated while 6000 & 6100 kHz are off. Something's always wrong at RHC.  
 (gh, hcdx and WOR Oct 2)

5980.006 CUB very low power anti-Marti jammings scratch signal S=5 or -98dBm at 06.50 UT on Oct 2.

6060even CUB RHC from Bauta, weather report in English, but this unit with DISTORTED audio quality each time. 06.59 UT S=9+25dB. Oct 2.

5024.996 CUB Radio Rebelde Bauta site, Spanish sce S=9+15dB in EUSA.  
 (wb df5sx, wwdxc BC-DX TopNews Oct 2)

**DENMARK** - 15790 kHz World Music Radio, Randers, 1702-1618 UT on Oct 23, pop songs, Latin American songs, id. "WMR, World Music Radio". 25322. (Manuel Mendez-Lugo-ESP, hcdx Oct 23)

WMR is also heard on shortwave 5930 kHz, 15790 kHz (Sa-Su only) and 25800 kHz.  
 (World Music Radio Facebook page 28 Oct; via Alan Pennington-UK, BrDXC-UK groups.io Oct 28)

**EGYPT** - Radio Cairo has made a surprise return to SW after some years absence. Initially only the Turkish service is being heard from 1700-1900 UT on 9950 kHz (9949.6 to be precise). Noted here on 22 September with a strong carrier but very little audio, thanks to a tip from Alan Holder on WOR iog. I have checked on several subsequent days and only hear a strong carrier or loud buzz on the channel, but have heard no intelligible audio from transmitter. (Dave Kenny-UK; via BrDXC-UK "Communication" printed magazine Oct 10)

**ESWATINI** - Winter B-21 frequency changes of Trans World Radio Africa via Manzini:

1802-1902 NF 13810 MAN 100 kW / 013 deg to EAf Arabic Mon-Fri, ex 9500 kHz B-20  
 1820-2005 NF 7410 MAN 100 kW / 312 deg to SAf vary languages, ex 6130 kHz B-20  
 (DX MIX 1216)

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

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

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

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

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

7110 kHz After peace / armistice in past 12-18 months, the Interim government of Tigray flow, and Tigray rebels seized capital, Tigray rebels seemingly according German TV reports now on the army march to the capital Addis Ababa, now 400 km at present away. And also radio war with Asmara Eritrea in 40 meterband has started again. I noted jamming on Nov 2 / 3 on 7110 kHz fix {ETH reserve} transmission.

7120v and 7180v kHz Asmara Eritrean radio outlets missed in past week so far also on this frequencies, so seems the located also on 7110 kHz as jammer purpose now against Eritrea again ? wb.

(wb df5sx, wwdxc BC-DX TopNews Nov 3)

Ethiopia in the 7 mHz 40 mtr ham band heard at 14:38 UT on Oct 28 on 7110 kHz jammed with non - stop French songs played backwards !! until 15:02 UT. Is not Ethiopia an illegal broadcasting in the ham radio band ?

(Jon Collins-UK, WOR Oct 28)

**ETHIOPIA** - 7110 kHz. Sept 21 at 0356 UT, Horn-of-Africa music, 0359 UT announcement, IS? repeating a few times; 0400 UT three bells and continuous talk, presumably news on the hour. This first appeared Sept 6 per IARU Intruder Watch, and then a lengthy discussion of what it could be - Somalia? Eritrea? Ethiopia.

Some recognized it as R. Ethiopia. In Europe they were mostly reporting it after 1800 UT. Ron Howard has had it in California by longpath circa 1500 UT. I figured it might sign on at 0300 UT, but nothing yet. Then saw someone reported it starting at 0400 UT, but as above, already on before then today. WRTH 2021 shows NO SW frequencies for EBC / R. Ethiopia, the main government station, tho there are for various regionals on the 6 MHz band. I'm getting it first via Maryland remote at S5-S6, and then UTwente S=9/+10dB. Intermittent LSB QRhaM in the exclusive "40m" hamband worldwide. From 0412 UT a Slavic ham overrides it on same frequency.

(gh, via NASWA Electronic Flashsheet #1015 Sept 26)

**GERMANY** - DW-RADIO - Schedule B21 - Subject to change:

Short Wave Frequencies - valid from October 31st, 2021 to March 26th, 2022. Schedule of September 24th, 2021

Language	Time/UTC	Freq.	Transm.	Target Area	Weekday	Valid from - to
AMHARIC	1600-1700	11830	ISSOUDUN	Ethiopia	daily	31.10.21-26.03.22
AMHARIC	1600-1700	15275	ISSOUDUN	Ethiopia	daily	31.10.21-09.12.21
AMHARIC	1600-1700	9555	ISSOUDUN	Ethiopia	daily	10.12.21-28.02.22
AMHARIC	1600-1700	15275	ISSOUDUN	Ethiopia	daily	01.03.22-26.03.22
DARI	1400-1430	11990	DHABAYYA	Afghanistan	daily	31.10.21-26.03.22
DARI	1400-1430	15230	NAUEN	Afghanistan	daily	31.10.21-26.03.22
PASHTO	1430-1500	11990	DHABAYYA	Afghanistan	daily	31.10.21-26.03.22
PASHTO	1430-1500	15230	NAUEN	Afghanistan	daily	31.10.21-26.03.22
HAUSA	0630-0700	7235	SAO TOME	Africa (west)	daily	31.10.21-26.03.22
HAUSA	0630-0700	9570	ISSOUDUN	Africa (west)	daily	31.10.21-26.03.22
HAUSA	0630-0700	9830	ISSOUDUN	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1300-1400	9830	SAO TOME	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1300-1400	11980	SAO TOME	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1300-1400	17800	ISSOUDUN	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1800-1900	9830	SAO TOME	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1800-1900	9570	ISSOUDUN	Africa (west)	daily	31.10.21-26.03.22
HAUSA	1800-1900	11980	ISSOUDUN	Africa (west)	daily	31.10.21-26.03.22

HAUSA	1325-1530	15195	ISSOUDUN	Africa (west)	Saturday	06.11.21-06.11.21	(Football)
HAUSA	1325-1530	15350	ISSOUDUN	Africa (west)	Saturday	06.11.21-06.11.21	(Football)
HAUSA	1325-1530	15195	ISSOUDUN	Africa (west)	Saturday	20.11.21-18.12.21	(Football)
HAUSA	1325-1530	15350	ISSOUDUN	Africa (west)	Saturday	20.11.21-18.12.21	(Football)
HAUSA	1325-1530	15195	ISSOUDUN	Africa (west)	Saturday	08.01.22-22.01.22	(Football)
HAUSA	1325-1530	15350	ISSOUDUN	Africa (west)	Saturday	08.01.22-22.01.22	(Football)
HAUSA	1325-1530	15195	ISSOUDUN	Africa (west)	Saturday	05.02.22-19.03.22	(Football)
HAUSA	1325-1530	15350	ISSOUDUN	Africa (west)	Saturday	05.02.22-19.03.22	(Football)

For further information please turn directly to:

DEUTSCHE WELLE

Customer Service

53110 Bonn

Germany

Email: [info@dw-world.de](mailto:info@dw-world.de)

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

Technical Test Transmissions of Radio SETA on 6115 kHz via Hartenstein Saxony on October 16:

0800-0900 on 6115 HST 001 kW / non-dir to WEu German/English.

Weak/fair signal via SDR Heimiswil, SUI

1000-1200 on 6115 HST 001 kW / non-dir to WEu German Sa/Su

FNA (Bundesnetzagentur, Germany) in HFCC

(DXMIX 1214)

Special broadcasts of RADIO SE-TA 2 on 6095 kHz via MBR Nauen

0900-1100 on 6095 NAU 100 kW / 233 deg to CEu German Sa December 25, 2021

1100-1200 on 6095 NAU 100 kW / 233 deg to CEu German Sa January 01, 2021.

Special broadcast of NDR "Gruss an Bord" on December 24, 2021:

1900-2100 on 6030 ERV 100 kW / 305 deg to W/Central Europe German

1900-2100 on 6080 NAU 125 kW / 250 deg to Northern Atlantic German

1900-2100 on 9570 MOS 100 kW / 115 deg to Indian Ocean East German

1900-2100 on 9740 NAU 125 kW / 130 deg to Indian Ocean West German

1900-2100 on 9800 ISS 250 kW / 148 deg to Indian Ocean/SAf German

1900-2100 on 11650 ISS 250 kW / 195 deg to Southern Atlantic German

2100-2300 on 6145 NAU 125 kW / 250 deg to Northern Atlantic German

2100-2300 on 6155 ERV 100 kW / 305 deg to W/Central Europe German

2100-2300 on 9590 ISS 250 kW / 148 deg to Indian Ocean/SAf German

2100-2300 on 9675 MOS 100 kW / 115 deg to Indian Ocean East German

2100-2300 on 9740 NAU 125 kW / 130 deg to Indian Ocean West German

2100-2300 on 9830 ISS 250 kW / 195 deg to Southern Atlantic German

UNIDENTIFIED station, 15190 kHz, 0803-1315 UT on Oct 24, non stop pop and rock songs, oldies, song "Nothing Else Matters" by Metallica, at 0859 UT song "Happy Together" by The Turtles, at 0930 UT song "Rose Garden" by Lynn Anderson. No comments. 35433. (Manuel Mendez-Lugo-ESP, hcdx Oct 24)

Today music test from Bavaria, Germany at 16.51 UT on Oct 25 on 15190.016 kHz, and similar poor signal string of co-channel 15190.077 kHz (variabel 3 - 4 Hertz up and down in frequency) from <http://www.inconfidencia.com.br> 15190 (5 kW) ZYE522 R. Inconfidencia, Belo Horizonte, MG, Brazil.

(wb df5sx, wwdxc BC-DX TopNews Oct 25)

15190 tests not ch292 {from Rohrbach Waal (near Ingolstadt, Bavaria Germany) and anything on 15190 kHz today? Not at 1534 UT into UTwente.. (gh)

gh: Rainer, Yesterday there were many reports of music tests on 15190 kHz, and again today {Oct 25 / 26} . Seem to be coming from your area. Can you confirm whether these are from Channel 292.

Tnx, gh, WOR Oct 26.

RE: Hello Glenn, sry, we are still using only our three well known QRGs. {3955, 6070, 9670 kHz}

Regards Rainer <[info@channel292.de](mailto:info@channel292.de)>

Rainer Ebeling

Radio Channel 292

85276 Pfaffenhofen

Zuteilungsnummer der Rundfunklizenz: BNA 01 95 8482

<[info-at-channel292.de](mailto:info-at-channel292.de)> <<http://www.channel292.de>>

(Rainer Ebeling-D via Gh, hcdx and WOR Oct 26)



**INDIA** - AIR B21 Changes. The changes for AIR External Services for the B21 period are as follows:

1045-1200 UTC Tibetan 11925 via New Delhi (ex 11560)  
2345-0115 UTC Chinese 13795 via Bengaluru (ex 13710)

The new schedule time wise:

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

The new schedule language wise:

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

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

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

(NOTE: Several services listed in it is still off air like in the A21 period and may start at a later date)

Yours sincerely,

(Jose Jacob-IND VU2JOS, DXindia Oct 30 & Nov 5)

**INDONESIA** - 3325 kHz 'Voice of Indonesia', via Palangkaraya. Strong carrier, but I never heard anything concrete. I assume this is Indonesia? {tim rahto, WOR Oct 2}

On Oct 2 at 1207 UT, after the news in Japanese, played the patriotic song "Bagimu Negeri" (For You Our Country).

Whereas on Oct 30, after the news at 1208 UT, played the patriotic song "Garuda Pancasila," aka: "Mars Pancasila" - Pancasila March (The five principles of Pancasila, as set forth by then President Sukarno on June 1, 1945, are the underlying ideals of the country); and later after the news in English, at 1304 UT, again played "Garuda Pancasila," followed by "Today in History" (unreadable).

BTW - On Oct 2, had no signal from Solomon Islands ( \*SIBC\* ) on 5020 kHz nor 9545 kHz, from 1010+ UT, till last check at 1151, so continuing to be erratic. Also Oct 2, Radio Vanuatu (5040 kHz), with their National Anthem that ended at 1100 UT, followed by open carrier (dead air), past 1150+ UT.

(Ron Howard-CA-USA, WOR and via wwdxc BC-DX TopNews Oct 2)

**IRAN** - B-21 Schedule of IRIB Tehran, Iran - IRIB B-21 frequency sorted against in B-20

Freq	Start	Stop	CIRAF	Lang	TX	kW	deg	Notes	remarks
5925	1820	1920	28S	Sqi	SIR	500	298	ALBANIA	ex295deg
5930	1750	1820	28S	Ita	SIR	500	300	ITALIAN	
5935	1620	1720	40E,41W	Pus	ZAH	500	289	PUSHTOO	ex360deg
5940	1720	1820	27,28	Deu	SIR	500	320	GERMANY	ex300deg
5970	1820	1920	28S	Sqi	SIR	500	295	ALBANIA	ex7305
5980	2350	0250	12-16	Spa	SIR	500	298	SPANISH	delete
6000	1520	1620	40E,41N	Urd	SIR	500	90	URDU-	
6040	0130	0330	39	Ara	SIR	500	214	ARBIC-S	
6040	1620	1720	40E,41W	Pus	ZAH	500	289	PUSHTOO	
6040	1920	2020	27,28	Eng	SIR	500	313	ENGLISH	
6060	1730	0230	37-39	Ara	ZAH	500	289	ARBIC-W	
6070	0320	0420	38E,39W	Ara	SIR	500	285	SSS-FFF	Voice of Palestine
6075	0220	0320	40E,41W	Pus	SIR	500	65	PUSHTOO	
6110	1720	1820	28S	Bos	SIR	500	313	BOSNIAN	ex298deg
6130	1920	2020	27,28	Fra	SIR	500	300	FRENCH-	delete
6150	1420	1520	41NE	Ben	SIR	500	90	BENGALI	ex098deg
6150	1620	1650	41NE	Ben	SIR	500	90	BENGALI	
7225	2220	2320	46,47	Hau	SIR	500	255	HAUSAA-	
7230	2350	0120	12-16	Spa	SIR	500	240	SPANISH	delete
7275	0230	0530	38,39	Ara	ZAH	500	289	ARBIC-W	ex7380
7290	1650	1750	28E,29,30	Rus	SIR	500	320	RUSSIAN	
7300	1520	1620	41,49,54	Eng	SIR	500	105	ENGLISH	ex7555
7305	1820	1920	28S	Sqi	SIR	500	295	ALBANIA	
7310	1430	1730	37,38,39	Ara	ZAH	500	289	ARBIC-W	
7340	0230	0530	38,39	Ara	ZAH	500	289	ARBIC-W	
7355	1320	1420	39	Kur	SIR	500	298	KURD-SH	ex313deg
7360	0050	0220	30SE,31SW,40E,41NW,42W	Tgk	SIR	500	30	TAJIKKI	
7360	2020	2120	27S,28S,37,38	Spa	SIR	500	298	SPANISH	delete
7360	2320	0020	46,47	Fra	SIR	500	255	FRANCE-	delete
7380	0230	0530	38,39	Ara	ZAH	500	289	ARBIC-W	
7430	1620	1720	29SE,39NE,40NW	Axm	SIR	500	328	ARMENIA	ex320deg
9390	1420	1520	41	Hin	SIR	500	102	HINNDI-	ex7445
9420	0930	1730	39	Ara	SIR	500	198	ARBIC-S	ex9960

9475	1820	1920	46,47	Hau	SIR	500	253	HAUSAA-	
9510	1220	1320	30S,31S,40E	Pus	SIR	500	40	PUSHTOO	ex n-dir
9530	1030	1430	38,39	Ara	ZAH	500	289	ARBIC-W	
9550	0320	0420	30,31	Rus	SIR	500	18	RUSSIAN	
9620	1420	1520	41NE	Ben	SIR	500	90	BENGALI	addit
9725	0330	0600	39	Ara	SIR	500	198	ARBIC-S	
9800	0930	1730	39	Ara	SIR	500	198	ARBIC-S	
9810	1420	1520	41NE	Ben	SIR	500	90	BENGALI	addit
9835	1250	1420	40E,41N	Urd	SIR	500	90	UURDUU-	ex083deg
9870	1420	1520	39?	Ben	SIR	500	216?	BENGALI	delete ?
9870	1550	1720	29S,39N	Tur	SIR	500	310	TURK-ES	
11670	0920	1250	30S,31S,40E	Prs	SIR	500	65	DARIIII/11930de1	delete
11700	1250	1320	30,31	Kaz	SIR	500	18	KAZAKHI	addit
11780	0420	0450	38E,39W	Heb	SIR	500	287	EBRIIII	
11870	2020	2120	12-16	Spa	SIR	500	300	SPANISH	delete in B-21 !
11875	0420	0550	29S,39N	Tur	SIR	500	310	TURK-ES	
11880	1920	2020	52,53,57	Eng	SIR	500	198	ENGLISH	
13690	0550	0820	30S,31S,40E	Prs	SIR	500	46	DARIIII	
13690	0920	1250	30S,31S,40E	Prs	SIR	500	46	DARIIII	ex11670
13710	0550	0650	46,47	Hau	SIR	500	255	HAUSAA-	
13790	0600	0830	39	Ara	SIR	500	198	ARBIC-S	ex216deg
13820	0530	0730	38,39	Ara	ZAH	500	289	ARBIC-W	
13820	0830	1030	38,39	Ara	SIR	500	288	ARBIC-W	ex289deg
15140	0450	0550	39S,47,48,52,53	Swa	SIR	500	216	SWAHILI	
15200	0720	0820	27S,28S,37,38	Spa	SIR	500	300	SPANISH	delete
15240	1150	1220	38E,39W	Heb	SIR	500	285	EBRIIII	ex288deg
15440	0650	0720	38E,39W	Heb	SIR	500	295	EBRIIII	ex293deg
17595	1220	1250	46,47	Hau	SIR	500	255	HAUSAA-	ex263deg
17630	0720	0820	27S,28S,37,38	Spa	SIR	500	295	SPANISH	delete

(IRB, hfcc.org Oct 20, 2021)

German programme currently on on the air at 1720-1820 on 5940 kHz due to technical difficulties. (Lutz Winkler, Germany, Nov 7)

7380.002 kHz VoIRIB Zahedan outlet in Arabic towards Saudi peninsula / UAE / Kuwait target. Morning 'Children's Hour' and children chorus heard at S=9+20dB level in CeEUR at 04.08 UT on Nov 5th. Though clean audio, some 100 / 200 / 300 / 400 Hertz strings visible either sideband on Perseus SDR software screen display.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 5)

## **JAPAN {JAPAN / FRANCE / GERMANY / MADAGASCAR / UAE/ U.S.A. / UZBEKISTAN / VATICAN STATE} -**

NHK World - Radio Japan Tokyo - October 31, 2021 - March 27, 2022:

language sorted SW fq list - Also some reserve tentat. wooden requests seen.

6165	0600	0630	37-39	ISS	500	140	0	146	Ara	F	NHK
5895	1300	1330	41NE	TAC	100	131	0	218	Ben	UZB	NHK
5895	1300	1330	41NE	TAC	100	131	0	218	Ben	UZB	ENC
7245	0430	0500	46	SMG	250	175	0	156	Eng	CVA	NHK
9865	0430	0500	53,57	ISS	500	155	0	216	Eng	F	NHK
7245	0500	0530	46	SMG	250	175	0	156	Eng	CVA	NHK
9865	0500	0530	53,57	ISS	500	155	0	216	Eng	F	NHK
6165	1400	1430	41	TAC	100	163	0	896	Eng	UZB	ENC
6165	1400	1430	41	TAC	100	163	0	896	Eng	UZB	NHK
11925	1400	1430	49,50,54	DHA	250	90	0	218	Eng	UAE	ENC
11925	1400	1430	49,50,54	DHA	250	90	0	218	Eng	UAE	NHK
12010	0400	0430	40	TAC	100	236	0	218	Fas	UZB	NHK
12010	0400	0430	40	TAC	100	236	0	218	Fas	UZB	ENC
13725	1430	1500	40	ISS	500	90	0	211	Fas	F	NHK
7450	0530	0600	37,46,47	ISS	500	190	0	157	Fra	F	NHK
13840	0530	0600	37,47,52	MDC	250	295	15	158	Fra	MDG	NHK
9855	2030	2100	37,46,47,52	MDC	250	305-15	158	158	Fra	MDG	NHK
6155	0059	0120	41	TAC	100	163	0	896	Hin	UZB	NHK
6155	0059	0120	41	TAC	100	163	0	896	Hin	UZB	ENC
15720	1430	1500	41	MDC	250	35-15	158	158	Hin	MDG	NHK
7565	1530	1600	41	TAC	100	163	0	896	Hin	UZB	ENC
7565	1530	1600	41	TAC	100	163	0	896	Hin	UZB	NHK
17830	1115	1145	51W,54	DHA	250	105	15	218	Ind	UAE	ENC
17830	1115	1145	54	DHA	250	105	0	218	Ind	UAE	NHK

15325	1315	1345	51W, 54	DHA	250	105	0	218	Ind	UAE	ENC
15325	1315	1345	54	DHA	250	105	0	218	Ind	UAE	NHK
7355	2130	2200	49, 50, 54	YAM	300	235	0	208	Ind	J	NHK
11910	0000	0100	43, 44	YAM	300	290	0	146	Jpn	J	NHK
17810	0000	0100	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
15195	0100	0200	43, 44	YAM	300	290	0	146	Jpn	J	NHK
17810	0100	0200	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
17560	0100	0500	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11790	0200	0300	23, 24, 33	YAM	300	330	25	208	Jpn	J	NHK
6105	0200	0400	10, 11	ISS	500	290	0	216	Jpn	F	NHK
15755	0200	0400	41	YAM	300	270	0	208	Jpn	J	NHK
15195	0200	0500	43, 44	YAM	300	290	0	146	Jpn	J	NHK
17810	0200	0500	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
7265	0300	0500	38-40	NAU	250	140	0	216	Jpn	D	NHK
15590	0400	0900	41	YAM	300	270	0	208	Jpn	J	NHK
15195	0500	0700	43, 44	YAM	300	290	0	146	Jpn	J	NHK
17585	0500	0700	49, 50, 54	YAM	300	240	0	208	Jpn	J	NHK
9700	0500	0800	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11825	0700	0800	43, 44	YAM	300	290	0	146	Jpn	J	NHK
7445	0700	0900	14, 16	YAM	300	85	30	208	Jpn	J	NHK
15280	0700	1000	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
9700	0800	0900	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
15290	0800	1000	46, 47	ISS	500	190	0	157	Jpn	F	NHK
9750	0800	1500	43, 44	YAM	300	290	0	146	Jpn	J	NHK
15325	0900	1000	41	YAM	300	270	0	208	Jpn	J	NHK
9740	0900	1200	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
15565	1000	1200	41	YAM	300	270	0	208	Jpn	J	NHK
11815	1000	1500	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
9680	1200	1300	41	YAM	300	270	0	208	Jpn	J	NHK
9740	1200	1400	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
9795	1300	1400	41	YAM	300	270	0	208	Jpn	J	NHK
9450	1400	1500	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
9680	1400	1500	41	YAM	300	270	0	208	Jpn	J	NHK
9450	1500	1600	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
9750	1500	1600	43, 44	YAM	300	290	0	146	Jpn	J	NHK
9655	1500	1700	41	YAM	300	270	0	208	Jpn	J	NHK
11735	1500	1700	49, 50, 54	YAM	300	240	0	208	Jpn	J	NHK
11815	1500	1700	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
9445	1600	1700	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
9750	1600	1700	43, 44	YAM	300	290	0	146	Jpn	J	NHK
9680	1700	1800	41	YAM	300	270	0	208	Jpn	J	NHK
6000	1700	1900	38-40	NAU	250	140	0	216	Jpn	D	NHK
11620	1700	1900	43, 44	YAM	300	290	0	146	Jpn	J	NHK
11650	1700	1900	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11945	1700	1900	52, 57	ISS	500	155	0	216	Jpn	F	NHK
12020	1700	1900	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
9480	1800	2000	41	YAM	300	270	0	208	Jpn	J	NHK
7225	1900	2100	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
9835	1900	2100	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11910	1900	2100	43, 44	YAM	300	290	0	146	Jpn	J	NHK
15130	1900	2100	46-48, 52, 53	ISS	500	152	0	216	Jpn	F	NHK
9625	2000	2100	51, 55-60	YAM	300	175	0	208	Jpn	J	NHK
11725	2000	2330	41	YAM	300	270	0	208	Jpn	J	NHK
9670	2100	2200	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11630	2100	2300	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
11910	2100	2400	43, 44	YAM	300	290	0	146	Jpn	J	NHK
9700	2200	0100	29, 38-40	YAM	300	305	0	208	Jpn	J	NHK
11875	2300	2400	49, 50, 54	YAM	300	235	0	208	Jpn	J	NHK
11725	2330	0200	41	YAM	300	270	0	208	Jpn	J	NHK
11895	0415	0445	43, 44	YAM	300	290	0	146	Kor	J	NHK
9760	0815	0845	43, 44	YAM	300	290	0	146	Kor	J	NHK
6090	1100	1130	43, 44	YAM	300	290	0	146	Kor	J	NHK
6090	1200	1230	43, 44	YAM	300	290	0	146	Kor	J	NHK
6190	1300	1330	43, 44	YAM	300	290	0	146	Kor	J	NHK
6190	1400	1430	43, 44	YAM	300	290	0	146	Kor	J	NHK

9560 2200 2230 43,44	YAM 300 290 0 146 Kor J	NHK
11735 1430 1500 49,50,54	YAM 300 240 0 208 Mya J	NHK
13650 2330 2400 49,50,54	YAM 300 235 0 208 Mya J	NHK
6165 0430 0500 27,28	NAU 125 85 0 146 Rus D	NHK
11790 0530 0600 23,24,33	YAM 300 330 25 208 Rus J	NHK
5985 1100 1130 23,24,33	YAM 300 330 25 208 Rus J	NHK
5985 0400 0430 10-12	RMI 100 222 0 805 Spa USA	NHK
9560 0330 0400 48,53	MDC 250 320 0 158 Swa MDG	NHK
13730 1730 1800 48,53	MDC 250 340-10 157 Swa MDG	NHK
13650 2230 2300 49,50,54	YAM 300 235 0 208 Tha J	NHK
9580 1515 1545 41N	DHA 250 60 0 146 Urd UAE	ENC
9580 1515 1545 41NW	DHA 250 60 0 146 Urd UAE	NHK
13650 2300 2330 49,50,54	YAM 300 235 0 208 Vie J	NHK
11825 0400 0430 43,44	YAM 300 290 0 146 Zho J	NHK
6090 1130 1200 43,44	YAM 300 290 0 146 Zho J	NHK
6190 1230 1300 43,44	YAM 300 290 0 146 Zho J	NHK
6190 1330 1400 43,44	YAM 300 290 0 146 Zho J	NHK
6190 1430 1500 43,44	YAM 300 290 0 146 Zho J	NHK
9560 2230 2250 43,44	YAM 300 290 0 146 Zho J	NHK

(hfcc.org requested fqs, language sorted NHK B-21 schedule; wb)

### JAPAN (non) - B-21 frequencies of JSR Shiokaze/Sea Breeze via Yamata:

1300-1400 on 7250 YAM 300 kW / 280 deg to NEAs in various languages#  
 1300-1400 on 7335 YAM 300 kW / 280 deg to NEAs in various languages#  
 #1300-1330 in Japanese Mon/Tue/Sat/Sun; Korean Thu/Fr & English Wed.  
 #1330-1400 in Korean Thu-Su; Japanese Mo/Tue and English Wed.  
 1600-1700 on 6020 YAM 300 kW / 280 deg to NEAs in various languages\*  
 1600-1700 on 6135 YAM 300 kW / 280 deg to NEAs in various languages\*  
 \*1600-1630 in Japanese Mo/Tue/Sa/Su; Korean Thu/Fr & English Wed.  
 \*1630-1700 in Korean Thu-Sun; Japanese Mo/Tue and English Wed.  
 (DX MIX 1216)

### KOREA DEM. PEOPLES REPUBLIC - KCBS 2350 kHz (Sariwon site). Reactivation of the Sariwon transmitter in North Korea on 2350 kHz (2349.39 kHz).

Received today with a weak signal // 3250 kHz (Pyongyang site), 13.10 UT on Aug 31.  
 (Kiwi SDR - Oita-JPN, via Franck Baste F4LKC, WOR Aug 31)

2349.394 kHz terrible like a metal watering can audio signal, at 13.03 UT Oct 1st, S=9+10dB signal in Hiroshima-JPN remotely. And // 3250.001 kHz exact measured KCBS Pyongyang S=9+20dB signal

at 13.12 UT Oct 1st:

2350 2000-1800 KRE KCBS Pyongyang	Kor Sariwon	2349.394
3205 2000-1800 KRExKCBS Pyongyang DRM	Kor Pyongyang	nil
3220 2000-1800 KRE KCBS Pyongyang	Kor Hamnung 5 kW	3219.858
3220 1800-2000 KRE PYONGYANG BS	Kor Hamnung 5 kW	3219.858
very low modulation, carrier strong	like S=9+10dB at 13.18 UT	
3250 2000-1800 KRE KCBS Pyongyang	Kor Pyongyang	3250.002 S=9+20dB
at 13.20 UT on Oct 1st.		
3320 2100-1900 KRE PYONGYANG BS	Kor Pyongyang	3320even
S=9+25dB march mx Army soldier chorus	at 13.23 UT.	
3480 0400-2400 KOR VOICE OF THE PEOPLE	Kor Kyonggi-do	3479.992
no VoP KOR program on air. S=8 or -82dBm	at 13.25 UT: 3473 to 3487 kHz only	
KRE jamming of howl sirene tone type.		
3910 0247-0001 KRE North Korean Jamming	Noi Kujang underneath white noise jamming	
scratch tone at 13.27 UT Oct 1 <sup>st</sup> of S=9+30dB:	3910 0400-2400	
KOR VOICE OF THE PEOPLE	Kor Kyonggi-do	3909.966
3920 2000-1800 KRE KCBS Pyongyang	Kor Hyesan	3919.939
low modulated KCBS at 13.30 UT at S=9+5dB signal.		
3930 0247-0001 KRE North Korean white noise jamming	Noi Kujang	
3930 0800-0400 KOR VOICE OF THE PEOPLE	Kor Kyonggi-do	3930.005
S=9+25dB at 13.31 UT on Perseus SDR unit	at Hiroshima Japan.	
3945 0400-0601 KRE Echo of Unification	Kor Pyongyang	
3945 1200-1401 KRE Echo of Unification	Kor Pyongyang	3945.010
3945 2200-0001 KRE Echo of Unification	Kor Pyongyang	nothing scheduled at 17-19 UT.
3959 2000-1800 KRE KCBS Pyongyang	Kor Kanggye	3958.998 S=9+15dB at 17.28,

symphonic music KCBS px.

3970 0400-0601 KRE Echo of Unification Kor Chongjin-Na  
3970 1200-1401 KRE Echo of Unification Kor Chongjin-Na 3969.844  
3970 2200-0001 KRE Echo of Unification Kor Chongjin-Na  
3978 2000-1800 KRE v KCBS Pyongyang Kor Chongjin-Na nothing  
terrible jamming mix 3972 to 3982 kHz. 3981.160 kHz center.  
3985 0400-2400 KOR ECHO OF HOPE-VOH Kor Hwaseong 3985.012  
3985 0247-0001 KRE North Korean Jamming Noi Kujang  
4450 0247-0001 KRE North Korean Jamming Noi Kujang  
4450 0800-0400 KOR VOICE OF THE PEOPLE Kor Kyonggi-do  
4450even S=9+40dB powerhouse, and accompanied by KRE heavy jamming on 4449.982 kHz.  
4557 2100-2000 KRE PYONGYANG BS Kor Pyongyang  
4556.989 kHz at 17.36 and 18.55 UT only empty carrier  
4890 0800-0400 KOR ECHO OF HOPE-VOH Kor Seoul  
4880.004 kHz instead, S=9+30dB no jamming 17.38 UT

5858 0000-2400 KOR HLL Seoul Meteorolog. Kor Boseong  
S=9+5dB on 5857.516 kHz at 17.40 UT Oct 1st.

5905 0400-0601 KRE Echo of Unification Kor Pyongyang  
5905 1200-1401 KRE Echo of Unification Kor Pyongyang  
5905 2200-0001 KRE Echo of Unification Kor Pyongyang  
5920 0800-0400 KOR Voice of Freedom Kor Hwaseong  
5919.993 kHz and heavy scratch + bubble noise jamming at 18.46 UT.  
5995 0247-0001 KRE North Korean Jamming Noi Kujang  
5995 0400-2400 KOR ECHO OF HOPE-VOH Kor Hwaseong  
5995.031 kHz excellent S=9+40dB powerhouse, at 17.44 UT, slight scratch  
+ bubble noise jamming.

6015 0247-0001 KRE North Korean Jamming Noi Kujang  
6015 0350-0002 KOR KBS Hanminjok Bangsong1KorHwaseong only poor bubble jamming  
underneath at 17-18 UT,  
6015even, only co-channel CHN CNR PBS Xinjiang Kazakh language service.

6048 0247-0001 KRE North Korean Jamming Noi Kujang  
6048.2 kHz broadband 6044-6053 kHz heavy jamming against nothing  
at 17.52 UT on Oct 1.

6100 0245-0855 KRE KCBS Pyongyang Kor Kanggye  
6100 2000-0255 KRE KCBS Pyongyang Kor Kanggye  
6100 0845-1800 KRE KCBS Pyongyang Kor Kanggye  
6100even, S=8 at 17.54 UT on Oct 1 at Hiroshima.

6135 0247-0001 KRE x North Korean JammingNoi Kujang nil, empty channel at 17.50 UT.  
6160 2100-1800 KRE PYONGYANG BS Kor Kanggye  
S=9+10dB symphonic mx at 17.55 UT on Oct 1.

6255 0800-0400 KOR ECHO OF HOPE-VOH Kor Seoul  
6255 0247-0001 KRE North Korean Jamming Noi Kujang  
only light scratch jamming signal, but noted on  
6244.998 kHz KOR ECHO OF HOPE-VOH - instead !  
S=9+30dB in Hiroshima at 18.26 UT on Oct 1, and accompanied scratch signal  
jamming.

6350 0400-2400 KOR ECHO OF HOPE-VOH Kor Hwaseong  
6350.031 kHz S=9+10dB, heavy jamming at 17.58 UT Oct 1.

6350 0247-0001 KRE North Korean Jamming Noi Kujang  
6520 0247-0001 KRE North Korean Jamming Noi Kujang  
6520 0400-2400 KOR VOICE OF THE PEOPLE Kor Kyonggi-do  
6519.970 kHz S=9+25dB, heavy strong scratch jamming too.

6600 0247-0001 KRE North Korean Jamming Noi Kujang  
6600 0800-0400 KOR VOICE OF THE PEOPLE Kor Kyonggi-do  
6600even kHz, S=9+35dB, scratch + bubble heavy strong jamming.

9105 0800-0400 KOR ECHO OF HOPE-VOH Kor Seoul  
not - nil, but on 9094.997 kHz instead, S=9+10dB at 18.18 UT on Oct 1st.

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

Monday Oct 4 observations at 0725 UT:

Echo of Hope - VOH, start of the weekday audio feed from a TV program called "Wang cho bo yeong-eo" (translated into English - Beginner's English); intro & exit theme song is the "Party Will Come Alive" by Wizards Of Oz (with Ruben Martinez); the usual intro with announcer saying "English trainer" and gives his name ("Mayu"), then the woman announcer says her name ("Mini"), then they both say in English, "Good morning everybody." Program will be repeated again at 1125 & 1525 UT.

The new VOH frequencies for this week: 3980 // 4885 (strong Brazil QRM) // 5990 (leaving Mali on 5995 in the clear!) // 6250 // 6348 // 9100 kHz.

Voice of Freedom, on 5920 kHz, heard North Korea pulsating jamming and VOF open carrier before their \*0753 UT sign on.

KBS Hanminjok Bangsong 1, on 6015 kHz, continuing to be free of the usually strong white noise jamming; fair signal and fading up in strength. There is ongoing news of better relations: "North and South Korea restore cross-border hotline" (Oct 4 - <<http://bit.ly/2WBRaQk>> )  
(Ron Howard-CA-USA, WOR and via wwdxc BC-DX TopNews Oct 4)

**KUWAIT** - More terrible Radio Kuwait English sce of nominal 15530 kHz today at 05 - 08 UT towards Europe. S=9+25dB faulty 5th transmitter again today, no repair, no spare parts during Corona crisis worldwide available ? Before Iraq war in 1991 Radio Kuwait used 8 x 500 kW ABB Made in Switzerland/Sweden transmitters, a wide selection of units then ...

(Similar problem like on RadioCom in Romania faulty Tiganesti site TX #1, latter since 28 March out of service... wb.)

wideband terrible signal SPLATTER in 15374 - 15456 kHz fq range at 07.23 UT. Unstable fq of 80 Hertz wobble shift up and down visible on screen: on 15429.770 - .850 kHz, then later 07.32 UT on 15427.450 kHz moving downwards fq.

Not // of Arabic sce towards Central Asian Turk countries, 15515.000 even 05 - 09 UT S=8-9 sidelobe strength. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 2)

15465 kHz Radio Kuwait. In En. Good signal 24 Oct but incredibly started around 0500 UT on around 15465 kHz then slowly and steadily decreased frequency, requiring regular retuning, down to observed 15454.5 kHz at 0703 UT. On 27 Oct at 0721 UT there was a sudden frequency shift from 15454.1 to 15453.9 kHz (obs on a Kiwi SDR). I've never heard a SW station do this! Somewhat distorted audio especially the first hour.

Religious teachings, Local News, This day in History, Pop music, World News, Covid-19 news, made an interesting program. They only mention their FM station frequency not the SW one. I incredulously monitored the frequency drift on my Sony ICF-2010 using sync to check and tuning a different (stable) station occasionally for verification that my Sony wasn't on the blink. I think they used to be on 15530 kHz and this is a better signal this month but the drift down is incredible. Same the following days this week.

(Gavin Waters-Vic-AUS, ARDXC ADXN magazine Nov, WOR and direct Nov 4)

**MADAGASCAR** - (New) RM Radio Mazaris Samay 11555 kHz via MGB Talata Volonondry, October 17: 1500-1530 11555\* MDC 250 kW 340 deg to Eaf Tigrinya. Very good via SDR Tambov, Russia KIWI\_net remotely. (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews Oct 17)

RM Radio Mazaris Samay on new 11705 kHz via MGB Talata Volonondry from October 31: 1500-1530 NF 11705 MDC 250 kW / 340 deg to EaAf Tigrinya till January 31; 1500-1600 from February 1 1500-1530 on 11555 MDC 250 kW / 340 deg to EaAf Tigrinya as scheduled from October 15 to October 30 (DX MIX 1215)

Radio NUG - The Voice of National Unity Government of Myanmar 1229-1258 on 17710 MDC 250 kW / 055 deg to SEAs Burmese is cancelled from A-21 HFCC Database! (DX MIX 1214)

**MALAYSIA** - 9835 kHz on Sept 23 at 1037 UT. Here is a list of the five Islamic call-to-prayer times for Kuching (Sarawak) for Thursday (Sept 23). Muslims are called-to-prayer five times a day. These are carried via Sarawak FM 9835 kHz and the prayers are always about 3 to 4 minutes long.

They are different from the usual reciting from the Qur'an. Is easy to ID them by their unique individual timings and during the prayer, many references to "Allah akbar." Wai FM 11665 kHz is a more secular station and doesn't air these prayers or recitings from the Qur'an. ...

Fajr 05:22AM 2122 UT the dawn prayer  
Dhuhr 12:35PM 0435 UT early afternoon prayer  
Asr 15:38PM 0738 UT late afternoon prayer  
Maghrib 18:37PM 1037 UT the sunset prayer[I most often hear this one Ron]  
Isha'a 19:46PM 1146 UT the night prayer

<<https://www.muslimpro.com/en/Prayer-times-Kuching-Malaysia-1735634>>  
(Ron Howard, Asilomar State Beach-CA-USA; SWB #1986 Oct 3)

**MALI** - 5995 kHz RadioDTV Mali Bamako, \*1800-1908 UT on Oct 23, interval signal, id. "Vous écoutez l'Office de Radiodiffusion Television de Mali emettant de Bamako", Vernacular, comments, African songs, no English Magazine today Saturday at 1850 UT, 34433.

9635 kHz Radio MaliDTV Bamako, 1750-1800\* UT on Oct 23, Vernacular, comments, at 1800 UT interval signal, id. "Vous écoutez l'Office de Radiodiffusion Television du Mali ..." and close. 33433.  
(Manuel Mendez-Lugo-ESP, hcdx Oct 23)

**MEXICO** - 6185 kHz R Educacion, Cd. Mexico DF, Oct 10, huge signal 1055 UT with marimba and accordion mx selections for the AN service. Should sign off any minute, if the past pattern holds ... And precisely at 11:00:00 mx selection ends, there is a one second pause, and then commences a vocal version w/orch of the NA of Mexico. 1101 UT YL with full ID and fqys anmt.

Then PSAs, including one about one of their FM xmtrs upping power. 1103 UT into guitar love song by OM. Looks like this is hanging in there, this morning ... 1115+ UT still bombing in with schlocky SS love ballad by OM w/guitar ... and still there an hour later with love songs at 1215 UT into central USA, doubtful getting further than a couple bounces, maybe even some groundwave?

(Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1017 Oct 10)

**MYANMAR / CHINA** - 6165 kHz Both Thazin Radio and CNR 6 - Phin Oo Lwing / Beijing (#491 site), 1131 UT, Oct 23 in Burmese / Mandarin. CNR 6 was alone on the frequency at tune in. Within a few minutes Thazin Radio poked through with distinctive Burmese music with a woman announcer.

Initially easy to tell apart with Thazin with a woman announcer and CNR6 with music, then more difficult with two women announcers. By 1237 UT CNR6 was back to music and Thazin continued with woman announcer with signals about even. 1238 UT Thazin into music and CNR6 into talk. Quite a mess but could follow Thazin Radio with concentration. (Mark Taylor, Madison-WI-USA, Naswa Electronic Flashsheet #1019 Oct 23)

During our European night break, checked SDR in Delhi past nighttime 23.45-24.00 UT on Oct 26:

5914.981 kHz Myanmar Radio from capital Nay Pyi Daw, domestic langs -90dBm signal at 23.54 Oct 26 and 00.26 UT Oct 27, 5984.995 MMR Yangon Yegu S=9+5dB at 23.54 UT. nothing on 6165 nor 7345 kHz at midnight UTC. [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 27)

7345 kHz Thazin Radio, Napyidaw{sic - Nay Pyi Daw, rather Pyin Oo Lwin farther north, wb.}, Myanmar, on Oct 22. Heard at 1302 UT this morning underneath CNR-7 'Voice of The Greater Bay' from Beijing.

The China station was unusually weak and in Cantonese talks almost the entire time so Thazin Radio playing mainly music was able to poke through rather well. Thazin first noted 1302 UT with woman performing mellow, exotic vocals at tune-in. YL anmts in Burmese at 1304 UT and then into dramatic modern local ballad by YL singer. China still in talks and now at times completely fading out, leaving Thazin Radio all alone and unscathed. At 1310 UT Thazin still traceable but China temporarily playing some mx bits, making it trickier. (Had to frequently check CNR webstream to 100% keep these two straight at times.)

At 1315 UT Thazin Radio was still playing local mx selections, some quite exotic, and now 'Voice of The Greater Bay' had just a man quietly speaking in Chinese.

CNR was at this point nearly inaudible, leaving Thazin Radio alone. At 1318 UT YL tlkg in Burmese. By now, the 41 meter band was unfortunately starting to go out, so the local noise level was coming way up. Could still barely pick out the Thazin female ancr at 1325 UT. And she was still there at 1328UT. After BOH bcst seems to have ended and Thazin Radio gone, consistent with the slated -1330\* shutdown.

(Ralph Perry-Wheaton-IL-USA, Naswa Electronic Flashsheet #1019 Oct 23)

**NEW ZEALAND** - B-21 frequencies and other changes of Radio New Zealand:

AM mode Daily

2059-0658 NF 15720 RAN 050 kW / 035 deg to All Pacific English, ex 13840 & 13730 kHz

0659-0858 on 11725 RAN 050 kW / 035 deg to All Pacific English, ex 0659-0758 on same

1259-1650 NF 7390 RAN 050 kW / 035 deg to All Pacific English, ex 1259-1650 on 6115

AM mode Mo-Fr

0859-1258 NF 11725 RAN 100 kW / 325 deg to NWPa/PNG/As English, ex 0959-1258 on 9700

AM mode Sa/Su

0859-1258 NF 11725 RAN 050 kW / 035 deg to All Pacific English, ex 0959-1258 on 9700

AM mode Saturday

1651-1758 NF 7390 RAN 050 kW / 035 deg to All Pacific English, ex 1651-1858 on 6115

1759-2058 on 11725 RAN 050 kW / 035 deg to All Pacific English, ex 1859-1958 on same

DRM mode Su-Fr

1651-1735 NF 7330 RAN 035 kW / 035 deg to Tonga/Samoa English, ex 1651-1735 on 5975  
 1736-1835 NF 11690 RAN 035 kW / 035 deg to Tonga/Samoa English, ex 1736-1835 on 9780  
 1836-1958 on 11690 RAN 035 kW / 035 deg to Tonga/Samoa English, ex 1836-1958 on same  
 1959-2058 NF 15720 RAN 035 kW / 035 deg to Tonga/Samoa English, ex 11725 kHz AM mode  
 (DX MIX 1215)

**NIGERIA** - 7254.940 NIG Vo Nigeria Abuja, Hausa language morning hour in S=8 in New Jersey US remoted SDR unit, at 06.32 UT on Oct 4.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 4)

**PAKISTAN** - Winter B-21 registered frequencies of PBC Radio Pakistan - One transmitter per service has been observed for the last time in B-16

0045-0215 on 13630 ISL 250 kW / 118 deg to SEAs Urdu  
 0045-0215 on 15730 ISL 250 kW / 118 deg to SEAs Urdu  
 0500-0700 on 17770 ISL 250 kW / 313 deg to WEu Urdu  
 0500-0700 on 17820 ISL 250 kW / 313 deg to WEu Urdu  
 0830-1100 on 15630 ISL 250 kW / 313 deg to WEu Urdu  
 0830-1100 on 17895 ISL 250 kW / 313 deg to WEu Urdu  
 1100-1105 on 15630 ISL 250 kW / 313 deg to WEu English  
 1100-1105 on 17895 ISL 250 kW / 313 deg to WEu English  
 1200-1300 on 9670 ISL 250 kW / 070 deg to EAs Chinese  
 1200-1300 on 11530 ISL 250 kW / 070 deg to EAs Chinese  
 1330-1530 on 11550 ISL 250 kW / 282 deg to N&ME Urdu  
 1330-1530 on 13740 ISL 250 kW / 282 deg to N&ME Urdu  
 1700-1900 on 7540 ISL 250 kW / 313 deg to WEu Urdu  
 1700-1900 on 9745 ISL 250 kW / 313 deg to WEu Urdu

SAs and WAs services had been inactive in Winter B-16

0900-1000 on 9540 ISL 100 kW / 118 deg to SAs Bangla  
 0900-1000 on 11865 ISL 100 kW / 118 deg to SAs Bangla  
 1000-1030 on 9540 ISL 100 kW / 118 deg to SAs Nepali  
 1000-1030 on 11865 ISL 100 kW / 118 deg to SAs Nepali  
 1045-1145 on 9900 ISL 100 kW / 147 deg to SAs Hindi  
 1045-1145 on 11750 ISL 100 kW / 147 deg to SAs Hindi  
 1145-1215 on 7460 ISL 100 kW / 147 deg to SAs Gujarati  
 1145-1215 on 9900 ISL 100 kW / 147 deg to SAs Gujarati  
 1230-1300 on 9795 ISL 100 kW / 147 deg to SAs Sinhala  
 1230-1300 on 11805 ISL 100 kW / 147 deg to SAs Sinhala  
 1300-1330 on 9575 ISL 100 kW / 147 deg to SAs Tamil  
 1300-1330 on 11805 ISL 100 kW / 147 deg to SAs Tamil  
 1345-1445 on 5835 ISL 100 kW / 270 deg to WAs Pashto  
 1445-1545 on 5895 ISL 100 kW / 270 deg to WAs Dari  
 1700-1800 on 5890 ISL 100 kW / 260 deg to WAs Persian  
 1700-1800 on 7475 ISL 100 kW / 260 deg to WAs Persian

*Transmitters of Islamabad have technical problems such as extreme distortion and low modulation or undermodulation.*  
 (DX MIX 1215)

7264.940 kHz Surprisingly after a very long break time, I heard Azad Jammu/Kashmir Urdu/Kashmiri language service from Islamabad Rewat broadcast center today at 0905 UT on Oct 4 via Perseus Server Delhi remotedly. S=7-8 fair signal, 100 kW and other details visible according WRTH 2021 entry on page #307.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 4)

**PHILIPPINES** - Updated new winter B-21 schedule of FEBC Radio Teos:

1500-1545 on 9920\*BOC 100 kW / 323 deg to CAs Russian Mo-Wed  
 1500-1600 on 9920\*BOC 100 kW / 323 deg to CAs Russian Thu-Sa  
 1500-1600 on 9920\*BOC 100 kW / 323 deg to CAs Russian Su  
 1530-1545 on 9920\*BOC 100 kW / 323 deg to CAs Ukrainian Su  
 1545-1600 on 9920\*BOC 100 kW / 323 deg to CAs Russian Su  
 \* co-channel 9920 MLI 001 kW / non-dir to EAs Chinese SOH weak

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

(DX MIX 1216)

**ROMANIA** - Romania B-21 season. Full, chronological RRI schedule (printable PDF).

Radio Romania International B-21 (current schedule) : <<http://ab27.bplaced.net/rri.pdf>>



Note: Frequencies marked with "T1" are currently not on air. They will return as soon as "?ig?ne?ti TX1" will have been repaired. At the moment, spare parts are difficult to get due to the current market situation.

Radio Romania International A-21 (for documentation purpose) : <<http://ab27.bplaced.net/rri-old.pdf>>  
(Alexander Busneag-D, via wwdxc BC-DX TopNews Nov 1)

RRI Bucharest schedule requests in B-21 season, of 31-Oct-2020 against B-20:

6040	0000	0100	12NE	GAL	300	280	286	1234567	Spa	ROU	RR0	
7325	0000	0100	12NE	GAL	300	280	286	1234567	Spa	ROU	RR0	
9600	0000	0100	14	TIG	300	247	288	1234567	Spa	ROU	RR0	
11800	0000	0100	14	TIG	300	247	288	1234567	Spa	ROU	RR0	
5990	0100	0200	8	GAL	300	310	286	1234567	Eng	ROU	RR0	ex 6130
7325	0100	0200	8	GAL	300	310	286	1234567	Eng	ROU	RR0	
5910	0100	0300	8	TIG	300	307	288	1234567	Ron	ROU	RR0	
7420	0100	0300	8	TIG	300	307	288	1234567	Ron	ROU	RR0	
5990	0200	0300	4,8	GAL	300	310	286	1234567	Fra	ROU	RR0	ex 6130
7410	0200	0300	4,8	GAL	300	310	286	1234567	Fra	ROU	RR0	
6150	0300	0400	10	GAL	300	310	286	1234567	Spa	ROU	RR0	
7410	0300	0400	10	GAL	300	310	286	1234567	Spa	ROU	RR0	
9740	0300	0400	14	TIG	300	247	288	1234567	Spa	ROU	RR0	
11800	0300	0400	14	TIG	300	247	288	1234567	Spa	ROU	RR0	
6020	0400	0500	6	GAL	300	320	286	1234567	Eng	ROU	RR0	
7410	0400	0500	6	TIG	300	337	288	1234567	Eng	ROU	RR0	
11790	0400	0500	41	GAL	300	100	286	1234567	Eng	ROU	RR0	
13720	0400	0500	41	TIG	90	97	288	1234567	Eng	ROU	RR0	DRM mode
11820	0500	0530	43,44	TIG	300	67	288	1234567	Chi	ROU	RR0	
13720	0500	0530	43,44	TIG	90	67	288	1234567	Chi	ROU	RR0	DRM mode
6145	0500	0600	27SE	GAL	300	285	206	1234567	Ron	ROU	RR0	
7220	0500	0600	27SE	GAL	90	285	206	1234567	Ron	ROU	RR0	DRM mode
5940	0530	0600	29	TIG	90	37	205	1234567	Rus	ROU	RR0	DRM mode
7330	0530	0600	29	TIG	300	37	205	1234567	Rus	ROU	RR0	
6040	0600	0630	27SE	GAL	90	285	206	1234567	Fra	ROU	RR0	DRM mode
7360	0600	0630	27SE	GAL	300	285	206	1234567	Fra	ROU	RR0	
11790	0600	0630	46	TIG	300	217	288	1234567	Fra	ROU	RR0	
13730	0600	0630	46	TIG	300	217	288	1234567	Fra	ROU	RR0	
6040	0630	0700	27N	GAL	90	300	206	1234567	Eng	ROU	RR0	DRM mode
7345	0630	0700	27N	TIG	300	307	288	1234567	Eng	ROU	RR0	
17780	0630	0700	55,58,59	GAL	300	100	286	1234567	Eng	ROU	RR0	
21470	0630	0700	55,58,59	TIG	300	97	288	1234567	Eng	ROU	RR0	ex15450
6175	0700	0730	28NW	TIG	90	307	205	1234567	Deu	ROU	RR0	DRM mode
7345	0700	0730	28NW	TIG	300	307	205	1234567	Deu	ROU	RR0	
9610	0730	0800	37	GAL	300	245	286	1234567	Ara	ROU	RR0	
11660	0730	0800	37	GAL	300	245	286	1234567	Ara	ROU	RR0	
13630	0730	0800	39NW	TIG	300	142	288	1234567	Ara	ROU	RR0	
15200	0730	0800	39NW	TIG	300	142	288	1234567	Ara	ROU	RR0	ex11960

Su only in Romanian:

13630	0800	0900	39NW	TIG	300	142	288	1	Ron	ROU	RR0	
15200	0800	0900	39NW	TIG	300	142	288	1	Ron	ROU	RR0	ex11960
15430	0800	0900	40W	GAL	300	110	286	1	Ron	ROU	RR0	
17750	0800	0900	40W	GAL	300	110	286	1	Ron	ROU	RR0	ex17640
15200	0900	1000	39S	TIG	300	142	288	1	Ron	ROU	RR0	ex11960
15430	0900	1000	38E	GAL	300	175	286	1	Ron	ROU	RR0	
17640	0900	1000	39S	TIG	300	142	288	1	Ron	ROU	RR0	
17750	0900	1000	38E	GAL	300	175	286	1	Ron	ROU	RR0	
11780	1000	1100	27SE	GAL	300	285	286	1	Ron	ROU	RR0	
15200	1000	1100	37	TIG	300	247	288	1	Ron	ROU	RR0	ex15430
15260	1000	1100	27SE	GAL	300	285	286	1	Ron	ROU	RR0	
17640	1000	1100	37	TIG	300	247	288	1	Ron	ROU	RR0	
11780	1100	1200	27SE	GAL	300	285	286	1234567	Fra	ROU	RR0	
15200	1100	1200	27	TIG	300	247	288	1234567	Fra	ROU	RR0	ex15430
15255	1100	1200	27SE	GAL	300	285	286	1234567	Fra	ROU	RR0	
17640	1100	1200	37	TIG	300	247	288	1234567	Fra	ROU	RR0	
13750	1200	1300	27N	TIG	300	307	205	1234567	Eng	ROU	RR0	
15460	1200	1300	27N	GAL	300	290	286	1234567	Eng	ROU	RR0	
17800	1200	1300	48	GAL	300	165	286	1234567	Eng	ROU	RR0	
21470	1200	1300	48	TIG	300	172	288	1234567	Eng	ROU	RR0	

11945	1300	1330	39NW	GAL	300	140	288	1234567	Ara	ROU	RRO	
13630	1300	1330	39NW	TIG	300	142	288	1234567	Ara	ROU	RRO	
15460	1300	1330	37	GAL	300	245	288	1234567	Ara	ROU	RRO	
17810	1300	1330	37	TIG	300	247	288	1234567	Ara	ROU	RRO	
7320	1300	1400	28N	SAF	100	300	812	1234567	Ron	ROU	RRO	
9610	1330	1400	43, 44	TIG	300	67	288	1234567	Chi	ROU	RRO	
11825	1330	1400	43, 44	TIG	300	67	288	1234567	Chi	ROU	RRO	
7350	1400	1500	31S	TIG	300	52	288	1234567	Rus	ROU	RRO	ex 7210
9490	1400	1500	31S	TIG	300	52	288	1234567	Rus	ROU	RRO	ex 5945
9810	1400	1600	27SE	GAL	300	285	206	1234567	Ron	ROU	RRO	
11975	1400	1600	27SE	GAL	300	285	206	1234567	Ron	ROU	RRO	
5955	1500	1530	28SW	SAF	100	270	812	1234567	Ita	ROU	RRO	
6040	1500	1600	28NW	TIG	300	307	205	1234567	Deu	ROU	RRO	
7330	1500	1600	28NW	TIG	300	307	205	1234567	Deu	ROU	RRO	
5955	1530	1600	28SE	SAF	100	210	812	1234567	Rup	ROU	RRO	
5955	1600	1630	29SW	SAF	100	30	812	1234567	Ukr	ROU	RRO	
6030	1600	1630	29	TIG	90	37	205	1234567	Rus	ROU	RRO	DRM mode
7290	1600	1630	29	TIG	300	37	205	1234567	Rus	ROU	RRO	
5925	1630	1700	39NW	TIG	300	142	288	1234567	Ara	ROU	RRO	
5955	1630	1700	28SW	SAF	100	270	812	1234567	Srp	ROU	RRO	
7370	1630	1700	39NW	TIG	300	142	288	1234567	Ara	ROU	RRO	ex 7290
9610	1630	1700	37	GAL	300	245	288	1234567	Ara	ROU	RRO	
11975	1630	1700	37	GAL	300	245	288	1234567	Ara	ROU	RRO	
5955	1700	1730	28SW	SAF	100	270	812	1234567	Ita	ROU	RRO	
6025	1700	1800	27SE	TIG	90	292	205	1234567	Fra	ROU	RRO	DRM mode
7325	1700	1800	27SE	TIG	300	292	205	1234567	Fra	ROU	RRO	
7370	1700	1800	39NW	GAL	300	140	286	1234567	Ron	ROU	RRO	
9810	1700	1800	39NW	GAL	300	140	206	1234567	Ron	ROU	RRO	
5955	1730	1800	28SE	SAF	100	210	812	1234567	Rup	ROU	RRO	
5955	1800	1830	29SW	SAF	100	30	812	1234567	Ukr	ROU	RRO	
6030	1800	1900	27N	TIG?200	307	292	1234567	Eng	ROU	RRO	ex 288degrees	
7350	1800	1900	27N	TIG	90	307	205	1234567	Eng	ROU	RRO	DRM mode
5990	1800	2100	27SE	GAL	300	285	206	1234567	Ron	ROU	RRO	
7375	1800	2100	27SE	GAL	300	285	206	1234567	Ron	ROU	RRO	
5955	1830	1900	28SW	SAF	100	270	812	1234567	Srp	ROU	RRO	
5955	1900	1930	28SW	SAF	40	270	812	1234567	Ita	ROU	RRO	DRM mode
6180	1900	2000	28NW	TIG	300	307	205	1234567	Deu	ROU	RRO	
7235	1900	2000	28NW	TIG	90	307	205	1234567	Deu	ROU	RRO	DRM mode
5955	1930	2000	28SE	SAF	100	210	812	1234567	Rup	ROU	RRO	
5930	2000	2030	29SW	SAF	100	30	812	1234567	Ukr	ROU	RRO	
5920	2000	2100	37NW	TIG	300	277	288	1234567	Spa	ROU	RRO	
7235	2000	2100	27S	TIG	300	277	288	1234567	Spa	ROU	RRO	
5930	2030	2100	28SW	SAF	100	270	812	1234567	Srp	ROU	RRO	
6030	2100	2130	27SE	GAL	90	285	206	1234567	Fra	ROU	RRO	DRM mode
7375	2100	2130	27SE	GAL	300	285	206	1234567	Fra	ROU	RRO	
6030	2130	2200	27N	GAL	90	300	206	1234567	Eng	ROU	RRO	DRM mode
6170	2130	2200	8	TIG	300	307	288	1234567	Eng	ROU	RRO	
7310	2130	2200	8	TIG	300	307	288	1234567	Eng	ROU	RRO	
7375	2130	2200	27N	GAL	300	300	286	1234567	Eng	ROU	RRO	ex 290degrees
9490	2200	2300	14	TIG	90	247	288	1234567	Spa	ROU	RRO	DRM mode
11800	2200	2300	14	TIG	300	247	288	1234567	Spa	ROU	RRO	
6040	2300	2400	27N	GAL	90	300	206	1234567	Eng	ROU	RRO	DRM mode
7220	2300	2400	27N	GAL	300	300	206	1234567	Eng	ROU	RRO	
7325	2300	2400	45	TIG	300	52	288	1234567	Eng	ROU	RRO	
9620	2300	2400	45	TIG	300	67	288	1234567	Eng	ROU	RRO	ex 52degrees

Rup = Macedo Romanian language

(RadioCom RRI Romania request data in B-21 season schedule, Oct 20)

**ROMANIA [Kaschmir]** - 15170 kHz {veiled broadcast via RadioCom Galbeni site center} IRRS Kashmir Civitas (Radio Free Kashmir - Galbeni), 1500-1529 UT, Sept 21 weekly Tuesday broadcast with an open carrier noted prior to a man announcer with IRRS opening and another man with Urdu language announcements. Talks by several different male announcers with remote talks. Closed with music at 1528 UT. Poor to fair signal.  
(Rich D'Angelo-PA-USA, via NASWA Electronic Flashsheet #1015 Sept 26)

15170 OPPOSITION veiled broadcast. R Free Kashmir / Kashmir Civitas via Kostinbrod{sic, see above RadioCom Romania Galbeni outlet, wb.}, 1500 UT, Sept 21. Tuesday-only xmsn from 1500 UT s/on. Initially xmsn breaking up, brief segments of OM in Urdu and echoey. Problem then resolved and seemed to hold up for good from 1502 UT, not

losing the carrier. OM making speech Fair signal only and white rushing noise.  
(Ralph Perry, Wheaton-IL-USA, Naswa Electronic Flashsheet #1015 Sept 26)

NEXUS IRRS Kashmir Civitas / Free Kashmir on 15170 kHz via Galbeni on October 26:  
1500-1530 on 15170 GAL 300 kW / 100 deg to SAs Urdu Tue. Good signal via SDR Tambov, Russia.  
1600-1630 on 15170 GAL 300 kW / 100 deg to SAs Urdu Tue IRRS Kashmir Civitas from November 2  
(DX MIX 1215)

### SPAIN - Radio Exterior de España, scheme B-21 (developed)

Broadcast schedule B-21 of Radio Exterior de España, corresponding to October 31, 2021 and valid until Sunday, March 26, 2022: {not on requested 11685, due of UTE QRM disturbtion in B20, A21 etc. wb.}  
{AER foroDX, 27 Oct, <<https://aer.org.es/archivos/31498>> via gh WOR Oct 27}

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

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

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

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

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

(Antonio Buitrago, director of REE)

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

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

And if we sort it by language, it looks as follows:

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

(Pedro Sedano, Madrid-ESP Oct 27; via gh, hcdx and WOR)

**SRI LANKA** - Sri Lanka BC is noted back today Sunday Sept 26, on 11905 kHz at 0030 & 0200 UT, after a few days absence. Thanks to Gautam Kumar Sarma for the tip.

Jose Jacob, VU2JOS

National Institute of Amateur Radio

Hyderabad, India, South Asia. <<http://www.niar.org>>

(Jose Jacob-IND, VU2JOS; DXindia Sept 26)

**SUDAN** - I've been listening to Sudan Radio via a couple of SDRs in Europe and the Mideast since Oct 26. S/on has been somewhat erratic, around 0300 UT on 7206 kHz. They corrected their freq to 7205 on Oct 30, but ran an open carrier for most of the time I listened (0358-0427 UT). This morning (Oct 31) they are still on 7205 kHz, this time on before 0259 UT with local mx, then time pips and an ID at 0300 UT, folowed by about 10 min of nx. (Chuck Albertson, Seattle-WA, WOR Oct 31)

And after Sudan political coup noted two txions (? from Omdurman bcast center) in // on 7205exact and 7206exact kHz (and 3.6 kHz wideband audio block) Their Arabic program by male presenter talk around 17.00 UT on Oct 25.

Sudan again regular on 7205.002 kHz at 04.22 UT on Nov 3rd. Endless talk by two men. S=9 signal noted in Athens SDR unit, grayline in between on Cyprus/Egypt. BC signal from Omdurman mostly on UPPER SIDE SIGNAL FLANK, of 140 Hertz Channel wideband range.

7205even At 03.51 UT on Nov 5th noted HoA / EaAF mx program from Omdurman 10.8 kHz wideband excellent signal though.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Oct 25 / Nov 3 / 5)

**TAIWAN (non)** - Radio Dap Loi Song Nui/Vietnam Democracy Radio on 9670 kHz via Paochung on October 13: 1230-1258 on 9670 PAO 100 kW / 250 deg to SEAs Vietnamese. Fair/good signal via SDR Hanoi, Vietnam

Radio NUG The Voice of National Unity Government of Myanmar on 12000 kHz, October 13  
1330-1359 on 12000 PAO 250 kW / 205 deg to SEAs Burmese Daily. Very good signal via SDR Hong Kong.

Reception of National Unity Radio Free Chosun on 9475 kHz via Tamsui, October 17:  
1200-1458 on 9475 TSH 300 kW / 352 deg to NEAs Korean. Very good signal via SDR Tambov, Russia

Radio Dap Loi Song Nui/Vietnam Democracy Radio on 9670 kHz via Paochung on October 17  
1230-1258 on 9670 PAO 100 kW / 250 deg to SEAs Vietnamese. Very good signal via SDR Hanoi, Vietnam

Radio France International in Vietnamese on 9650 kHz via Paochung, October 17:  
1300-1358 on 9650 PAO 100 kW / 250 deg to SEAs Vietnamese Sun. Very good via SDR Hanoi, VTN  
(DX MIX 1214)

**TURKEY** - Winter B-21 SW schedule for TRT Voice of Turkey, as of Oct 20:

Time	kHz	loc	kW	degr	to zones	slew	language
0100-0300	6000	EMR	500	72	30,40,42	0	Turkish
0200-0300	7265	EMR	500	290	8E,10SE,11,12,27S,37N	0	Spanish
0200-0300	7280	EMR	500	252	12S,13-15,16N,37	0	Spanish
0300-0400	7240	EMR	500	72	42,31S	0	Uighur
0400-0500	6125	EMR	500	310	3-5,7N,8,9N,11,17,18,27,28	0	English
0400-0500	7285	EMR	500	150	38E,39,40W	0	English
0400-0700	9700	EMR	500	310	18S,27,28	0	Turkish
0500-0600	17530	EMR	500	105	54	7	Malay
0500-0700	11660	EMR	500	150	39	0	Turkish
0600-0800	15235	EMR	500	210	38,46E,47	30	HausaSwahili
0700-1000	11925	EMR	500	105	29SE,39N,40NW	0	Turkish
0700-1300	15480	EMR	500	150	39,40W	0	Turkish
0700-1400	15350	EMR	500	310	27,28	0	Turkish
0800-0900	11710	EMR	250	72	29SE,39NE,40NW	0	Azeri
0930-1100	11795	EMR	250	105	40,39NE	0	Persian
1000-1100	11955	EMR	500	180	38,39N,40W	30	Arabic
1100-1130	15360	EMR	500	30	29,30	0	Tatar
1100-1200	9840	EMR	250	72	29SE,39NE	0	Georgian
1130-1200	13655	EMR	500	62	30S	-10	Uzbek
1200-1230	7245	EMR	250	300	28SE	25	Bulgar
1200-1300	13590	EMR	500	72	42-44	-10	Chinese
1230-1330	15270	EMR	500	310	27,28	-7	German
1300-1330	11965	EMR	250	72	30S,40N	0	Turkmen
1300-1400	15390	EMR	500	95	40,41N	-10	Urdu
1330-1430	12035	EMR	500	305	27,28W	0	English
1330-1430	13685	EMR	500	72	42,43	-10	Uighur
1400-1500	9410	EMR	500	20	19,20,29,30N	20	Russian
1400-1700	11815	EMR	250	310	27,28	0	Turkish
1430-1500	9505	EMR	500	62	29E,30,31,42NW	-10	Kazakh
1500-1530	7255	EMR	500	290	28S	10	Italian
1500-1600	5985	EMR	250	150	38E,39,40W	0	Arabic

1500-1600	17720	EMR	500	252	37, 38W, 46	-10	Arabic
1600-1700	6070	EMR	500	90	30S, 40	0	Persian
1600-1730	9595	EMR	500	72	30S, 40N	0	PashtoDari
1630-1730	5965	EMR	500	97	29SE, 39NE, 40	25	Azeri
1700-2200	5980	EMR	500	310	27, 28	0	Turkish
1700-2200	6120	EMR	500	138	38E, 39, 40W	0	Turkish
1730-1830	9495	EMR	250	290	27S, 28SW, 37N	10	Spanish
1730-1830	9660	EMR	500	105	30S, 40E, 41N	0	English
1830-1930	5945	EMR	250	310	27E, 28W	-7	German
1830-1930	9620	EMR	500	180	38, 47, 48, 53, 52	0	French
1930-2030	6050	EMR	250	310	27, 28W	0	English
2030-2130	5970	EMR	500	290	27, 28W	10	French
2030-2130	9625	EMR	500	252	37, 38, 46	-10	French
2130-2230	9610	EMR	500	105	41, 49, 54, 55, 58	7	English
2300-2400	5960	EMR	500	310	5, 8, 9, 11N, 17, 18, 27, 28W	0	English

(B-21 season TRT Voice of Turkey, Oct 20)

6125 kHz, Nov 2 at \*0358 UT, VOT carrier finally cuts on, S=9/+10 into Maryland SDR, but no mod, no IS or IDs. Trouble keeping it on air, never any mod applied, just as well: -0400, 0403.5-0404, 0405; 0407.5 UT split second off-and-on, then stays, just-barely-modulated toward end of English newscast, something about vaccines. It's "normal" listening level if I turn the Kiwi and my own volume to max. ...

I had wanted to hear whether the opening schedule were totally wrong A-21, as suspected but missed heading previous repeat at 2300 UT on 5960 kHz. Anyhow, now confirmed on new B-21 final repeat at latened winter time and lowered winter frequency, ex-0300 UT on 7275 kHz. Now the // is 7285 kHz toward NEAf/NE/ME and JBA here S5-S9.

0411-0413 UT 'Review of Turkish Press' about Turkish involvement in some Romeeeting, music. Now it's back to webcasts from my two favorite New Mexico stations' other/global music

11815.009 kHz Nov 1 at 1508 UT, something new here for B-21 season; certainly not Brasil or Japan; interview in language S=9/+10dB with some intonation similar to French? but not. Of course, it's Turkish from TRT back here for the season, 1400-1700 UT, 250 kW, 310 degrees USward from Emirler, where something's always erroneous, slightly off-frequency. Japan had finished 11815 kHz at 1500 UT but now also listed for 1500-1700 UT, no sign of that now. (gh, hc dx and WOR Nov 2 / 3)

Similar bad faulty function transmitter nearby on 17720.006 kHz Voice of Turkey Emirler in Arabic, S=9+20dB at 15.05 UT on Nov 3rd.

10 x 100 Hertz distance apart strings EITHER SIDEBAND seen, result in a bad annoying whistle hererodyne wobbling tone.

More TRT transmissions from Emirler 15235.005 TRT in Swahili language to WeAfrica, S=7 sidelobe noted in Europe, at 07.16 UT on Nov 2nd.

15350.010 Voice of Turkey Emirler 07 - 14 UT, Turkish to Europe, S=9+20dB

7285.006 TUR VoTurkey Emirler, 04 - 05 UTC English language, strong S=9+50dB POWERHOUSE signal to NEAf/NE/ME  
04.42 UT on Nov 3rd, and // 6125.016 kHz towards Eu/NA target also 04 - 05 UT, heard at 04.46 UT.

11815.008 kHz TRT Emirler in Turkish, at 15.03 UT on Nov 3rd, S=9+40dB or -38dBm powerhouse signal in western Europe Southern Germany.

7240.003 VoTurkey Emirler in Uyghur Turk folk service, Turkish mx progr backlobe into EUR at 03.53 UT, strong S=9+10dB signal to CAs on Nov 5th.  
[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 2 / 3 / 5)

**UAE / UZBEKISTAN / CHINA / MYANMAR** - 11925.115 kHz from Al-Dhabbaiya UAE, the 5th transmitter of ENC-UK bcst center and FMOrganization.

This 5th tx is not often in use, - mostly 30mins services on UAE Encompass Digital Media Services FMO relay site and frequency-wise defunct since many months, shift upper flank mostly 80 to 120 Hertz on upper sideband.

Today in use for NHK World Radio Japan English daily 14.00-14.30 UT, and result of these 32Hz, 50Hz and 'interference-115 Hertz' BUZZY tones, against co-channel 11925.000 even CNR1 Chinese program of Beijing #491 bcst site.

NHK English to South Asia also // 6165 kHz via RRTM Telecom Tashkent Uzbekistan bcast center, 14.00-14.30 UT.

But this channel hit by other SW services, Pyin Oo Lwin of Myawaddy Radio center built in 2007 to 2008 years, some 208 far away kilometers north of new capital Nay Pyi Daw.

22 00 57.41 N 96 33 00.48 E or 22.01741925751829 N 96.55174262265729 E location northerly in Myanmar.

Thazin Radio from Pyin Oo Lwin. I don't know the reason why Aoki Nagoya group circle recently put the 208 kilometers distant location - capital name - Nay Pyi Daw on their SW frequency database - for a year now, i.e. on 6165, 7345, and 9590 kHz requested channels ?

5770 / 6570 kHz, Defense Forces Broadcasting Unit, was the Burmese army radio station Taunggyi some 30 - 40 years ago, located some 130 kms away from Pyin Oo Lwin.

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

**U.S.A.** - WMLK radio to start testing soon. I found this message on the newly designed WMLK Web site: Currently we are off the air as a new transmitter is being built for WMLK Radio by Ampegon.

We are looking to target operations at/by the end of October ! On the air six days each week: Monday - Friday 9275 kHz and 15150 kHz, 1700-2200 GMT - 12 a.m.- 5:00 p.m. EST Currently WMLK Radio is broadcasting five days each week M-F during the testing program. Our target areas are Europe and the Middle East.

Testing will start in the coming weeks if all goes to plan. I hope they will have better luck with the Ampegon transmitter than WBCQ has with their Continental type.

(Alan Holder G4ZBH, Isle of Wight, U.K. WOR Oct 6)

Reception of EWTN WEWN-3 / Radio Catolica Mundial in Spanish on 5970 kHz, October 13 from 1200 on 5970 EWN 100 kW / 160 deg to CAm Spanish. Very good via SDR Milford PA, USA

Reception of EWTN WEWN-2 / Radio Catolica Mundial in Spanish on 12050 kHz, October 13 from 1400 on 12050 EWN 100 kW / 155 deg to CeAm Spanish. Very good via SDR Milford PA, USA. (DX MIX 1214)

World Wide Christian Radio in English on 12160 kHz via WWCR-2 Nashville, October 14: from 1900 on 12160 WCR 100 kW / 085 deg to CAf English. Very good via SDR Milford PA, USA

World Wide Christian Radio in English on 9350 kHz via WWCR-2 Nashville on October 14: from 2000 on 9350 WCR 100 kW / 085 deg to CAf English. Very strong via SDR Milford PA USA (DX MIX 1214)

KVOH Spanish Service. Frecuencia Al Dia U.S.A: Efectivo hoy sabado 16 de octubre la estacion KVOH "La Voz de Esperanza" deja de transmitir su servicio en Espanol por los 9975 kHz en onda corta. Esta emision seguira siendo emitida via Internet solamente. En lo adelante KVOH transmitira en Ingles de 0100 a 0600 UTC en Ingles de lunes a sabado.

(Info: Ray Robinson - KVOH).

Effective today Saturday, October 16, the KVOH station, Voice of Hope, has stopped broadcasting its service in Spanish on 9975 kHz in shortwave. This broadcast will continue to be broadcast via the Internet only. From now on KVOH will broadcast in English from 0100 to 0600 UT in English from Monday to Saturday in 9975 kHz.

(via Dino Bloise Miami-FL, WOR Oct 17)

**U.S.A. / KOREA REP. / UNITED KINGDOM** - Despite KBS leaflet of B-21 KBS Schedule of Oct 31, 2021 shows still "11880 kHz KBS Spanish relay transmission from South Carolina state, USA" (!), coming by ENC British FMO brokery organized, 250 kW 172 degr azimuth KBS Spanish transmission at 01 - 02 UTC via US AGM Greenville B broadcast center in NoCarolina.

Heard excellent signal in eastern Brazil Kiwi-unit S=9+25dB or -58dBm strength at 01.03 UTC on Nov 2nd.

Re: B-21 KBS via US AGM relay 11880 kHz Greenville B site.

B-21 schedule of KBS shows also new morning fq in Korean towards Europe.

7445 kHz of ENC Encompass Digital Media Services FMO brokered transmission via Woofferton England relay center, at 07-08 UT 250 kW 105degrees to all-Europe. S=9+25dB in Greece.

Formerly on 9860 kHz in summer A-seasons since century, or 6045 kHz in winter B-seasons.

But surprise, surprise, BINGO ! in the though empty 41 mb in NAm and Western Europe, CO - CHANNEL 7445 kHz

to o in use by NHK World R Japan Yamata Ibaregi in Japanese 07 - 09 UT. Bad mixture signal noted in Edmonton and CA-US Western state.

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

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**Editor's info desk was closed for this edition at 11:00 hours UTC on November 7th, 2021.**

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

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### Sources & Contributors:

**A-DX** - e-mail exchange - Austria

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

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

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

Others as stated at contribution.

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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:

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

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

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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

mostly 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.
3955.0	1800	353	D	Radio DARC via Ch292	German	D, ID, 346; Energie	0310	SG
3955.0	1900	353	D	Korches Radio via Ch292	German	D, ID, SS-dt. Einheit	0310	SG
3955.0	2000	454	G	KBS-WR via Woofferton	German	D, ID, TdW, HBF	1109	SG
3975.0	1900	353	D	Shortwaveradio Winsen	English	E, ID, Rockpop-Show	0110	SG
3985.0	1900	353	D	Radio Belarus via Kall	English	E, ID, NX, MX, rpt	0210	SG
3995.0	0431	252	D	HCJB Weenermoor	German	AGDX-100-OlafMertens	1809	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	ID, NX, Börse, WX, HBF	0110	SG
5920.0	1701	444	D	HCJB Weenermoor	German	AGDX-100-OlafMertens	1809	SG
5925.0	0415	444	BOT	VOA-Relay	English	E, ID, rpt agriculture, ID	2509	SG
5930.0	1320	353	DNK	World Music R. Branning	English	E, RockPop, Jingle-ID	0210	SG
5930.0	1930	353	DNK	World Music R Branning	English	E, RockPop, Jingle-ID	0310	SG
6000.0	0300	444	CUB	RHC	English	E, ID, NX, ID, rpt	2509	SG
6005.0	0900	444	D	RSI via Kall	English	E, ID, NX, ID, rpt	2509	SG
6005.0	0930	443	D	RPI via Kall	German	D, ID, NX, TE, Sport	2709	SG
6005.0	1100	444	D	RSI via Kall	German	D, ID, NX, rpt transport	0910	SG
6005.0	1200	343	D	Radio Amathusia via Kall	Dutch	Dutch, ID, Marschmusik	1209	SG
6005.0	1200	454	D	VoMongolia via Kall	English	E, ID, NX; rpt economy	0910	SG
6005.0	1230	454	D	Radio Tirana via Kall	English	E, IS, ID, NX, press	0910	SG
6005.0	1500	454	D	Polskie Radio via Kall	German	D, ID, Welt im Radio	1010	SG
6005.0	1530	444	D	RSI via Kall	English	E, ID, NX, ID, rpt	1010	SG
6005.0	1900	454	BUL	RTI via Kostinbrod	French	F, ID, ann, NX, WX, rpt	1809	SG
6015.0	0400	454	ROU	Radio Romania Actualidad	Romanian	Romanian, ID, NX, MX	2709	SG
6020.0	0815	454	HOL	Delta Radio International	English	E, RockPop, Jingle-ID	2609	SG
6020.0	0820	454	HOL	Delta Radio International	English	E, RockPop, Jingle-ID	1010	SG
6040.0	2000	444	STP	VOA-Relay	French	F, ID, NX, rpt, MX	0310	SG
6050.0	0400	454	F	Radio Algier via Issoudun	Arabic	A, NA, ID, Holy Quran	2509	SG
6055.0	1030	554	D	Ev. Missionsgemeinden	German	D, IS, ID, Lied, relPX	1209	SG
6070.0	0700	454	D	RWI via Ch292	English	E, ID, Rockpop, adr	0210	SG
6070.0	0700	454	D	Super Clan R. via Ch292	English	E, ID, Rockpop, adr	0310	SG
6070.0	0700	454	D	Super Clan R. via Ch292	English	E, ID, Rockpop, adr	1010	SG
6070.0	0710	454	D	Super Clan R. via Ch292	English	E, ID, Rockpop, adr	2609	SG
6070.0	0800	454	D	RNI via Ch292	German	D, Pop-Goldtausch, ID	2609	SG
6070.0	0800	454	D	RNI via Ch292	German	D, Pop-Goldtausch, ID	1010	SG
6070.0	0800	454	D	Jake-FM via Ch292	German	D, ID, Rockpop, ID, adr	0210	SG
6070.0	0900	454	D	Jake-FM via Ch292	German	D, ID, Rockpop, ID, adr	0210	SG
6070.0	0900	454	AUT	R. DARC via Moosbrunn	German	D, ID, 347; Eisenbahn	1010	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Rockpop	2509	SG
6070.0	1000	444	D	Valley FM via Ch292	English	E, ID, adr, Rockpop	1209	SG
6070.0	1000	454	D	Korches Radio via Ch292	German	D, ID, SS-dt. Einheit	0310	SG
6070.0	1000	454	D	Radio Tumbil via Ch292	English	E, ID, classic music	2509	SG
6070.0	1000	454	D	Welle 370 via Ch292	German	D, ID, Tag der Hörer	2609	SG
6070.0	1100	454	AUT	SM-Radio Dessau via ORS	German	D, ID, DDR-Musical	1010	SG
6070.0	1100	454	D	RNEI via Ch292	English	E, ID, Rockpop, adr	0310	SG



6070.0	1300	454	D	R. Powerrumpel via Ch292	German	D, ID, Rockpop	1010	SG
6070.0	1400	454	D	R. Ohne Namen via Ch292	German	D, ID, Rockpop	1010	SG
6070.0	1500	454	D	Offshore History Radio	English	ID, adr, Radio Atlantis	1209	SG
6070.0	1500	444	D	SM-Radio Dessau via Ch292	German	D, ID, DDR-Musical	1010	SG
6080.0	1930	444	BOT	VOA-Relay	English	E, ID, society rpt	1809	SG
6085.0	1024	454	D	R. Mi Amigo Int. via Kall	Dutch	Holl, ID, ann, Rockpop	0210	SG
6095.0	1000	454	D	SE-TA2 via Nauen	German	D, ID, Memorytime	0910	SG
6130.0	0820	454	HOL	Radio Casanova	English	E, ID, Pop, ann, ID	0310	SG
6140.0	0800	454	AUT	Welle 370 via ORS	German	D, ID, Tag der Hörer	0310	SG
6145.0	1900	454	G	KBS-WR	French	F, ID, NX, rpts, MX	1709	SG
6150.0	0820	454	D	Europa 24 via Datteln	German	D, Popoldies, ID	0910	SG
6160.0	1120	454	D	Shortwaveradio Winsen	German	D, ID, Oldieshow	0910	SG
7295.0	1930	454	CHN	CRI	English	E, ID, top story, ID	1609	SG
7360.0	2059	554	CVA	Vatican Radio	Portuguese	P, IS, ID, Africa NX	2009	SG
7375.0	0000	554	ROU	RRI	English	E, IS, ID, NX, MX, rpt	2109	SG
7375.0	0100	554	ROU	RRI	French	F, IS, ID, NX, MX, rpt	2109	SG
7375.0	0400	444	G	VOA-Relay	English	E, ID, rpts Mali Nigeria	2509	SG
7395.0	1945	454	CHN	CRI	German	trad-instr-MX-ID-ann-adr	1809	SG
7395.0	1800	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	2509	SG
7415.0	2000	454	CHN	CRI	English	E, ID, NX, rpts	1809	SG
7420.0	0100	554	ROU	Radio Romania Actualidad	Romanian	Romanian, ID, NX, MX	2009	SG
9330.0	1800	453	USA	WBCQ-WLC-Radio	English	E, ID, relPX	2409	SG
9330.0	2000	453	USA	WBCQ-WLC-Radio	German	D, ID, relPX	2009	SG
9420.0	1845	454	GRC	ERT		Gr, ID, ann, tradMX	2509	SG
9425.0	1600	443	KRE	VoKorea	German	D, IS, NA, ID, MX, NX	1010	SG
9480.0	1800	554	CHN	CRI	French	F, IS, ID, NX, rpts	2409	SG
9500.0	1900	554	ROU	Radio Romania Actualidad	Romanian	Romanian, ID, NX, rpts	2509	SG
9540.0	2100	353	MRA	RFA-Relay Tinian	Korean	Korean, IS, ID, NX, rpts	1209	SG
9705.0	2000	554	CVA	Vatican Radio	English	E, IS, ID, Africa today	2009	SG
9705.0	2028	554	CVA	Vatican Radio	French	F, IS, ID, Africa toujours	2009	SG
9730.0	0100	554	ROU	Radio Romania Actualidad	Romanian	Romanian, ID, NX, MX	2009	SG
9730.0	1830	443	VTN	VoV	German	D, ID, NX, rpts, MX	2509	SG
9920.0	2000	454	THA	RTWS	German	D, IS, ID, NX, TT, adr	1809	SG
9920.0	2030	454	THA	RTWS	English	E, IS, ID, NX, cmt, MX	2009	SG
9920.0	2045	454	THA	RTWS	Thai	Thai, IS, ID, NX, MX	2009	SG
11530.0	1226	454	MDA	Radyo Denge Welat	Kurdish	Kurdish, Gesang, ID, rpt	1209	SG
11650.0	1800	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	2509	SG
11670.0	1815	454	E	REE	Spanish	S, ID, futbol live	2509	SG
11700.0	1200	454	ROU	RRI	Arabic	A, IS, ID, NX, rpts	1209	SG
11775.0	1800	454	CHN	CRI	German	D, IS, ID, trad-instr-MX	2509	SG
11790.0	1515	454	CHN	CRI	Russian	R, MX, ID, rpt // 13860	1209	SG
11830.0	1400	453	UAE	NHK-World-Radio Japan	English	E, ID, NX, rpts	1809	SG
11880.0	1400	554	ROU	RRI	German	D, IS, ID, NX, FBK	1010	SG
11885.0	1800	444	VTN	VoV	Spanish	S, ID, NX, rpts, MX	2309	SG
11885.0	1830	444	VTN	VoV	German	D, ID, NX, rpts, MX	2309	SG
11900.0	1345	444	AUS	Reach Beyond	English	E, IS, ID, relPX, ID, IS	1909	SG
11940.0	1815	454	E	REE	Spanish	S, ID, futbol live	2509	SG
11945.0	2100	353	MRA	RFA-Relay Saipan	Korean	Korean, IS, ID, NX, rpts	1209	SG
11975.0	1840	554	ROU	Radio Romania Actualidad	Romanian	Romanian, ID, rpt, MX	2509	SG
11985.0	2100	353	MRA	RFA-Relay Tinian	Korean	Korean, IS, ID, NX, rpts	1209	SG
12015.0	0705	454	ASC	BBC-WS-Relay	English	E, ID, rpt dt. BT-Wahl	2609	SG
12015.0	1600	444	KRE	VoKorea	German	D, IS, NA, ID, MX, NX	1010	SG
12085.0	1500	322	UAE	RFA	Tibetan	ID, ann, NX, rpts	1209	SG
12100.0	0900	554	BUL	TOM via Kostinbrod	English	E, ID, bible-prayer	1809	SG
12120.0	1830	454	PHL	Radio Pilipinas	English	E, song, ID, ann, rpt	2509	SG
13635.0	1025	454	TUR	TRT	Turkish	Turkish, rpt, ID, MX	1209	SG
13640.0	1500	454	CHN	CRI	English	E, ID, NX, world today	1209	SG
13750.0	1100	554	ROU	RRI	English	E, IS, ID, NX, review	0910	SG

13760.0	1128	454	TUR	TRT	German	D, IS, ID, NX, HBF	0910	SG
13790.0	1000	554	ROU	RRI	French	IS, ID, NX, rpts //15150	1409	SG
13860.0	1515	454	CHN	CRI	Russian	R, MX, ID, rpt // 11790	1209	SG
15150.0	1000	554	ROU	RRI	French	IS, ID, NX, rpts //13790	1409	SG
15180.0	1100	554	CHN	CRI	Bulgarian	IS, ID, NX, MX	1309	SG
15220.0	1000	454	CHN	CRI	Hungarian	IS, ID, NX, rpts	1109	SG
15220.0	1100	454	CHN	CRI	Czech	Czech, music only	1109	SG
15275.0	1600	443	F	DW-Relay	Amharic	Amharic, ID, NX, rpts	1809	SG
15300.0	0630	443	F	RFI	French	ID, NX, rpts population	1409	SG
15320.0	1107	454	ROU	RRI	English	E, ID, week in review	0910	SG
15350.0	0645	444	CHN	CRI	English	E, rpt, ID, MX	1409	SG
15380.0	0640	454	ARS	Saudi Radio	Arabic	A, Gesang, ID, ann	1309	SG
15450.0	0658	454	KWT	Radio Kuwait	English	Pop, ann, ID, Pop, NX	2609	SG
15450.0	1230	454	TUR	TRT	English	E, IS, ID, ann, NX, press	0110	SG
15465.0	0545	454	KWT	Radio Kuwait	English	ID, stories holy Koran	0110	SG
15515.0	1400	453	TJK	AWR-Relay	English	E, IS, ID, ann, relPX	1809	SG
15530.0	0615	454	KWT	Radio Kuwait	English	E, Pop, ann, ID, NX	1309	SG
15580.0	0530	454	BOT	VOA-Relay	English	E, ID, NX, rpts Corona	0110	SG
17490.0	1000	554	CHN	CRI	English	E, ID, NX, rpts	1309	SG
17570.0	1000	454	CHN	CRI	Hungarian	IS, ID, NX, rpts	1109	SG
17570.0	1100	454	CHN	CRI	Czech	Czech, music only	1109	SG
17615.0	0645	554	CHN	CRI	German	trad-instr-MX-ID-ann-adr	2609	SG
17650.0	1010	554	CHN	CRI	Chinese	C, rpt, ID, MX, rpt	1209	SG
17720.0	0650	554	CHN	CRI	German	trad-instr-MX-ID-ann-adr	2609	SG
17800.0	1600	443	F	DW-Relay	Amharic	Amharic, ID, NX, rpts	1809	SG
17880.0	1600	454	MLI	CRI	Arabic	A, ID, ann, Pop, rpt	1709	SG

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

- 4885.0 BRAZIL Radio Clube do Para - Belém, PA, 0212-0306 Oct 31, man announcer with Portuguese language talks hosting a popular music program. Nice station ID at 0231 followed by more singing. Portuguese language version of "If You're Going to San Francisco" at 0255. Fair.
- 5995.0 MALI Radio Television du Mali – Bamako, 2352-0001\* Oct 23, man announcer with non-stop French language talk until brief instrumental music commenced at 0001 just before the carrier was terminated. Poor to fair.
- 7205.0 FRANCE Radio France International – Issoudun, 2136-2200\* Oct 19, man announcer with French language talk followed by male vocal selection. More talk and features until close down. Poor with noisy conditions.
- 7310.0 ROMANIA Radio Romania International – Galbeni-Bacau, woman announcer with English language news with stories about natural gas price hikes and update on slow pace of Covid-19 vaccination roll out in Radio Newsreel program. Good signal.
- 9525.0 CLANDESTINE Radyo Dengê Welat – Issoudun, 2042-2100\* Oct 26, non-stop Kurdish language vocal selections until the carrier was terminated. Poor to fair.
- 9720.0 CLANDESTINE Dimtse Radio Erena – Kostinbrod (Sofia), 1743-1800\* Oct 30, man announcer with long talk in the listed Tigrinya language. Instrumental music at 1757 followed by a woman announcer with music continuing in the background. Music continued until the carrier was terminated. Poor to fair.
- 9750.0 VATICAN BBC – Santa Maria di Galaria, 1801-1830\* Oct 30, Man announcer with long French language talk eventually followed by two group musical vocal selections before closing. Poor to fair.
- 9820.0 ENGLAND KBS World Radio – Woofferton, 1848-1859\* Oct 30, woman announcer with Russian language talk hosting a pop music program featuring several female singers. Carrier cut after last song. Fair.
- 11660.0 CHINA China Radio International – Kashi, 2033-2104 Oct 14, man announcer with talk in the French language. Brief instrumental music between program segments. News by a man and woman announcers at 2100. Poor to fair.
- 11680.0 ZAMBIA Voice of Hope Africa – Makeni Ranch, 0401-0434 Oct 24, just missed beginning of opening English language announcements but caught most as program began with several religious songs followed by a woman with a religious talk. Nice station ID at 0422 by a man before more vocal selections. Fair.
- 11810.0 ASCENSION ISLANDS BBC World Service – English Bay, 2103-2137 Oct 14, the news in English followed by a discussion on energy situation in Europe. Nice station ID at 2128: "You're listening to the BBC World Service" by a woman announcer followed by program previews. The news followed at 2130. Fair to good //12095 (fair).

- 11815.0 BRAZIL Radio Brasil Central – Goiânia, 2321-2355 Oct 3, man and woman announcers with Portuguese language talk hosting a pop music program. Nice jingle station ID at 2342. First time noted in recent weeks. Poor to fair signal.
- 12060.0 FRANCE Radio Algerienne Chaîne 1 – Issoudun, 1901-1936 Oct 30, man announcer with Arabic language news program with several remote reports. Into recitations at 1914. Fair signal.
- 15170.0 CLANDESTINE IRRS Kashmir Civitas -Galbeni (Radio Free Kashmir), 1506-1529\*, Oct 19, weekly Tuesday broadcast with a man announcer with a long talk in the listed Urdu language. There was nondescript music at 1525 which continued until the carrier was terminated. Poor signal today.
- 15215.0 FRANCE Deutsche Welle – Issoudun, 1803-1859\* Oct 6, two men announcers with a discussion in the listed Hausa language. Closing announcements and station ID by another man at 1857 followed by instrumental music until the carrier was terminated. Fair.
- 15230.0 GERMANY Deutsche Welle – Nauen, 1413-1436 Oct 7, man and woman announcers with talk in the listed Dari language with brief segments of instrumental music periodically. Pashto program commenced at 1430. Poor to fair.
- 15420.0 CLANDESTINE Voice of Oromo Liberation – Nauen, Oct 10 from 1714-1729\* with long Oromo language talk by a man announcer with brief Horn of Africa male vocals until carrier terminated. Fair.
- 15590.0 THAILAND Radio Thailand World Service - Ban Dung, Udon Thani Prov., 0013-0029\* Oct 27, man and woman announcers hosting English language news program with public service announcements, station IDs and commercial announcements. Signal gone with usual antenna change. Poor to fair.

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

- 530.0 ARGENTINA: Somos Radio 530 AM, Buenos Aires, Spanish, 18/09 0230. Talk on economy. 35543.
- 610.0 URUGUAY: Radio Transmundial, via CX4 Radio Rural, Spanish, 21/09 0155. Christian programming, preaching by male voice, Bible Reading. 34543.
- 630.0 ARGENTINA: Radio Rivadavia, Buenos Aires, Spanish, 18/09 0115. Politic talk by OM & YL. 35433.
- 650.0 PARAGUAY: Radio Uno, Asunción, Spanish, Soccer, 'Todo pasa por Uno...'. 25542.
- 690.0 URUGUAY: Radio Sarandi, Montevideo, Spanish, 21/09 0203. Talk by male voice, studio programming, 'Sarandi...'. 24532.
- 730.0 PARAGUAY: Radio ABC Cardinal, Asunción, Spanish, 18/09 0208. Soccer, River Plate Asunción X Libertad, comments by male voice. 35543.
- 750.0 ARGENTINA: Radio Nacional, Córdoba, SS, 01/10 0025. Advs 'Córdoba', id 'Radio Nacional'. 33533.
- 760.0 ARGENTINA: LU6 Radio Atlantica, Mar del Plata, Spanish, 18/09 0202. Talk by female voice announcer, phone-in, 'Mar del Plata'. 35553.
- 770.0 URUGUAY: Radio Oriental, Montevideo, Spanish, 18/09 0150. 'Oriental', talk by two male voice speakers. 35543.
- 790.0 ARGENTINA: Radio Mitre, Buenos Aires, Spanish, 18/09 0236. Argentinian song, talk abt arts. 35553.
- 792.0 SAUDI ARABIA: SBA AL-Quran al Karim (pres.), Jeddah, Arabic, 21/09 0140. Al Q'uran songs. 14521.
- 828.0 SOUTH AFRICA: Radio Magic 828 AM, Klipheuwel, English, 21/09 0155. Romantic songs, talk by male voice speaker. 15431. \*\*Station often heard here in SE Brazil. eQSL received in 2020.
- 850.0 URUGUAY: Radio Carve, Montevideo, Spanish, 18/09 0238. Talk about tango. 35443.
- 860.0 VENEZUELA: Radio Enlace, Valle de la Pascua, Spanish, 21/09 0225. Romantic songs, electronic signal, 'Enlace AM' by male voice
- 860.0 PARAGUAY: La Voz de la Cordillera, Caacupé, Spanish, 18/09 0101. Song in Spanish, talk by female voice announcer. 25322.
- 870.0 ARGENTINA: Radio Nacional, Buenos Aires, Spanish, 18/09 0056. Interview, 'Nacional, la radio publica'. 44433.
- 910.0 ARGENTINA: Radio La Red, Buenos Aires, Spanish, 18/09 0120. Male talk, interview. 35543.
- 950.0 ARGENTINA: CNN Radio Argentina, Buenos Aires, Spanish, 18/09 0241. News, comments, 'CNN Radio'. 34543.
- 970.0 PARAGUAY: Radio Universo 970, Asunción, Spanish, 18/09 0050. Soccer River Plate Asunción X Libertad, Paraguayan Football (Soccer) Championship. 35433.
- 1220.0 ARGENTINA: Eco Radio, Buenos Aires, Spanish, 28/09 0325. Talk by male voice, 'reflexion espiritual...'. 25542.
- 1280.0 URUGUAY: Radio Tacuarembó, Tacuarembó, 21/09 0242. Advs from Tacuarembó, 'Auto Norte Rent a car, teléfono 46 32 27 05'. 25332.
- 1350.0 ARGENTINA: Radio Buenos Aires, Buenos Aires, SS, 05/10 0010. 'Iglesia Universal del Reino de Diós' programming. 35443.
- 1377.0 TANZANIA: Voice of Free Africa (pres.), Mwanza, unid language, 24/09 2210. Talk by male voice speaker, songs in African style. 15421. Better reception using a headphone.
- 1467.0 FRANCE: TWR Europe, via Roumoules, unid language, 24/09 2120. Christian instrumental music, male voice preacher. 14531.
- 1710.0 ARGENTINA: Radio Selva, San Justo, Spanish, 28/09 0240. Talk by female voice announcer, id 'Radio Selva', an Argentinian song. 25442.
- 4840.0 USA: WWCR, Nashville, English, 28/09 0305. Talk by male voice, looking like a religious programming. 25442.
- 4930.0 BOTSWANA: Voice of America, via Selebi-Phikwe, English, 28/09 0310. News Bulletin, talk abt 'Economic Centers...'. 35543.
- 6130.0 ESWATINI: TWR Africa, Manzini, Portuguese, 28/09 1950. Christian programming in Portuguese language, 'casamento sério...'. 35543.

- 6160.0 BRAZIL: Super Rede Boa Vontade de Radio, via Porto Alegre, 25/10 2145. Programming from 'Legião da Boa Vontade', Paiva Netto. 35543.
- 7375.0 PHILIPPINES: Voice of America, via Tinang, Cambodjan, 25/10 2228. Talk by male voice announcer, end of transmission, id 'This is "The Voice of America"... signing off'. Interval signal. 25542.
- 7570.0 USA: RMI The Obercomer Ministry, via Okeechobee, English, 02/10 0015. Preaching in Brother Stair's style. 25442.
- 7600.0 ARMENIA: Afghanistan International TV, via Yerevan, Pashto, 02/10 0150. 25542. \*\*At certain times, a repetitive instrumental music. No usual programming observed.
- 7850.0 CANADA: CHU, Ottawa, English / French, 02/10 0145. Time pips and time checking. 25542.
- 9330.0 USA: WBCQ World's Last Chance, Monticello, German, 25/10 2155. Christian message by male voice. 25442.
- 9350.0 USA: WWCR Nashville, English, 25/10 2157. Christian programming presented by male voice. 25432.
- 9410.0 CHINA: China Radio International, via Kashi, Portuguese, 25/10 2200. Id: 'Radio Internacional de China', instrumental mx. 35543. Tx to Europe. // 9685 kHz via Kashi // 7260 kHz via Urumqi, all w/ tx to Europe.
- 11750.0 GUAM: Adventist World Radio, via Agat, Chinese, 25/10 2110. Christian programming, a song, instrumentl music. 45554.
- 11780.0 BRAZIL: Radio Nacional da Amazonia, Brasilia, 25/10 1245. Talk by male voice announcer, sport News, Campeonato Brasileiro. 45554.
- 11790.0 MADAGASCAR: Adventist World Radio, via Talata-Volonondry, Swahili, 25/10 1715. Christian programming, a song by choir, message, sign-off on 1728. 35543.
- 11810.0 SOUTH KOREA: KBS World Service, via Kimjae, English, 25/10 2210. Talk by male voice, News, instrumental music. 35543.
- 11810.0 ASCENSION ISL.: BBC, via Georgetown, English, 26/09 1915. Interview, id 'BBC' by YL. 35443.
- 11875.0 GUAM: KSDA Adventist World Radio, via Agat, Chinese, 25/10 2215. Christian programming. 35543.
- 11895.0 BRAZIL: Super Rede Boa Vontade de Radio, via Porto Alegre, 25/10 2215. 'A Voz do Brasil'. 35543.
- 11910.0 JAPAN: NHK World Radio Nippon, via Yamata, Japanese, 25/10 2218. Talk by male voice speaker, instrumental music. 35433.
- 12020.0 VIETNAM: Voice of Vietnam, Hanoi, Japanese, 2510 1300. Beginning of transmission. Instrumental music, News Bulletin by female voice speaker, 25442,
- 12050.0 USA: WEWN 3, Vandiver, Spanish, 25/10 2220. Catholic programming, talk by YL. 35543.
- 12065.0 OMAN: BBC, via Al Seela, English, 25/10 1305. News by male voice. 25332.
- 12120.0 PHILIPPINES: Radio Pilipinas, Tinang, Filipino, 02/10 1735. Id 'Radio Pilipinas, the voice of Philippines'. Talk by female voice speaker. 35553.
- 12130.0 KUWAIT: Mashaal Radio, Kuwait City, Pashto, 25/10 1255. Talk by two male voices announcers, instrumental music. 35443.
- 15090.0 KUWAIT: Radio Azadi (Radio Free Afghanistan), via Kuwait City, Dari, 25/10 1250. Talk by male and female voices. 25542.
- 15140.0 CHINA: China Radio International, Beijing, Chinese, 29/09 0230. Talk by male voice, and instrumental music. 35553.
- 15160.0 CHINA: China Radio Internaitonal, via Jinhua, Chinese, 29/09 0245. Instrumental music, and talk by female voice.
- 15215.0 FRANCE: Deutsche Welle, via Issoudun, Hausa, 21/09 1345. Talk by two male voices, jingle DW. 35443.
- 15215.0 UAE: FEBC, via Al-Dabbiya, Tibetan, 2510 1215. Preaching by male voice. 25542.
- 15255.0 THAILAND: Radio Free Europe/Radio Liberty, via Udon Thani, Turkmen, 27/09 1410. Comment by male voice speaker. 35543.
- 15260.0 UK: IBRA Radio (Radio Sama), via Woofferton, Arabic, 02/10 1755. Male voice announcer, id 'Radio Sama'. 35553.
- 15310.0 GERMANY: Bible Voice Broadcasting, via Nauen, Oromo, 02/10 1758 kHz. 'You are listening to Bible Voice Broadcasting...', mail and e-mail adresses. 35553.
- 15310.0 UK: Radio Free Europe/Radio Liberty, via Woofferton, Uzbek, 27/09 1415. Interview, talk by male and female voices announcer, instrumental music. 25432,
- 15310.0 OMAN: BBC, via Al Seela, English, 25/10 1220. Talk by male voice. 35443.
- 15320.0 ROMANIA: Radio Romania International, Galbeni, Arabic, 25/10 1225. Talk by female voice speaker, instrumental music. 25542.
- 15325.0 PHILIPPINES: BBC, via Tinang, Burmese, 21/09 1340. Talk by male and female voices, News. 35543.
- 15340.0 ROMANIA: Radio Romania International, via Galbeni, Romanian, 27/09 1420. Talk by male and female voices speakers. 25542.
- 15380.0 TURKEY: Voice of Turkey, Emirler, Turkish, 25/10 1230. Talk by female voice speaker, song in Turkish language. 25542.
- 15400.0 AUSTRIA: Adventist World Radio, via Moosbrunn, Urdu, 27/09 1415. A Christian message, instrumental music. 25322.
- 15475.97 (USB) ANTARCTICA: Radio Nacional Arcangel San Gabriel, Base Esperanza, Spanish, 02/10 1530. Talk by female voice speaker, South American songs, 'Radio Nacional, Base Esperanza... Argentina, la radio publica'. 35553.
- 15530.0 MADAGASCAR: Adventist World Radio, via Talata-Volonondry, Sinhala, 21/09 1410. Christian programming, message by male voice. 35333.
- 15710.0 GERMANY: Adventist World Radio, via Nauen, Chinese, 26/10 1315. Christian programming, instrumental music, song, message. 25432.
- 15745.0 MADAGASCAR: NHK World Radio Nippon, via Talata-Volonondry, Hindi, 27/09 1430. Instrumental, talk by male voice in Hindi language. 35543. \*\*Tx to S of Asia.
- 17530.0 VATICAN: Voice of America, via St. Maria di Galeria, Somali, 27/09 1045. Comments by male voice. 35433.
- 17605.0 MADAGASCAR: Adventist World Radio, via Talata-Volonondry, Vietnamese, 27/09 1338. A preaching by male voice. 25542.
- 17780.0 THAILAND: Radio Azadi (Radio Free Afghanistan), via Udon Thani, Pashto, 27/09 1048. Talk by male voice announcer,

'Pakistan...'. 22542. \*\*QRM from CRI, via Bamako, in French language.

17815.0 FRANCE: Radio France International, Issoudun, Mandinka, 25/10 1220. Male voice speaker, phone-in, interview. 35543.

17830.0 GERMANY: Radio Farda, via Lampertheim, Persian, 27/09 1340. Talk by female voice speaker, music. 25322.

17845.0 UAE: Radio Ergo (Irin Radio), via Al-Dhabbiya, Somali, 25/10 1235. A typical song, talk by male voice. 25542.

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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-Window, 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.

SG : Siegbert Gerhard, Frankfurt, Germany. AOR AR 7030 + 5m EMF antenna, Sangean 818 ACS & Degen DE 1103 both with Telescopic ant.

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Dear Friends,

Welcome to the November 2021 edition of Logbook.

Thanks to our regular contributors for this edition,

*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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**Bulgaria:** Radio Taiwan Intl 5900 kHz via Kostinbrod. QSL received in 128 days for report sent to: <deutsch@rti.tw.org> (BS)



**Germany:** Korches Radio 6070 kHz via Channel 292.E-QSL received in 12 hours for report sent to: <QSL@korches-radio.de> (BS)

Radio Ohne Name 6070 kHz via Channel 292. E-QSL received in 4 hours for report sent to: <radio.on@gmx.de> (BS)

Radio Prag 6005 kHz via Shortwave Service. QSL received in 42 days for report sent to: <deutsch@radio.cz> (BS)

Radio SM – Radio Dessau 6070 kHz via Channel 292. QSL received in 2 days for report sent to: <maxberger@smradio-dessau.de> (BS)

Radio Slovakia International 6005 kHz via Shortwave Service. QSL received in 50 days for report sent to: <rsi\_german@rtvs.sk> (BS)

SE-TA2 6115 kHz. E-QSL received in 1 day for report sent to: <SE-TA@web.de> (BS)

Steelguitar 6070 kHz via Channel 292. e-QSL received in 17 minutes for report sent to: <steelguitar@gmail.com> (BS)

Voice of Indonesia via streaming. QSL received in 22 days for report sent to: <voi.deutsch@gmail.com> (BS)

**Guam:** KTWR Guam 7510 kHz. 60 second English language lesson as part of the Korean service. Full data colour powerpoint-pdf in English ("19-A" with a view on the antenna field) and current schedules. Received in 17 days for a report in English to <asiafeedback@twr.org>. V/S Linda Alvord. (HB)

**Italy:** Radio City 9510 kHz via Italian Relay Station. E-QSL received in 2 minutes for report sent to: <citymorecars@yahoo.ca> (BS)

**Netherlands:** Radio Classic Sunday 6185 kHz via Piepender, music programme/DJ in Dutch. General colour jpg as e-QSL for October 2021. Received after 2 day for reception report sent to: <info@radioclassicsunday.com> because the contact form <<https://www.radioclassicsunday.com/luisterrapport-listening-report-horbericht/>> did not work. In principle, this form helps you prepare the report which cannot be submitted if anything is missing. Unfortunately in my case no time was accepted. (HB)



Radio Delta International (<<https://radiodelta.am>> down at the time of listening) 6020 kHz. Music and greetings. Full data colour e-QSL received in 10 days for e-report to <radiodelta@icloud.com> (HB)

**U.K:** KBS World Radio 3955 via Woofferton. QSL received in 45 days for report sent to: <german@kbs.co.kr> (BS)

**Vietnam:** Voice of Vietnam 11885 kHz. QSL received in 20 days for report sent to: <deutsch\_vov@yahoo.com> (PG)

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

- BS = Bernd Seiser, Ottenau, Germany
- HB = Hansjoerg Biener, Nuremberg, Germany
- PG = Paul Gager, Vienna, Austria

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It is with great pleasure that also this month we have received some collaboration for this page dedicated to the confirmation of our reports sent to international broadcasters. As I repeat we are very sorry that only a few readers collaborate on this page which we think is very useful to inform readers of broadcasters that confirm letters, so I invite all subscribers to actively collaborate on this page by sending their data and if possible send the QSL received in jpg format. Wishing everyone good health and good ratings. Please remember that the next final date to collaborate on this page will be **3 December, 2021 at 2200 UTC.**

My best 73, *Dario*