

4 - 2021 € 1,50

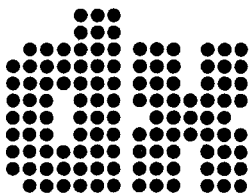
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NDR RAI TVR



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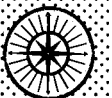
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WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



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

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

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



QSL for special call OE21M, active on April 23-25, 2021 (00:00-24:00 UTC)

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DX MAGAZINE No. 4

Vol. LVI

April 2021

Hello again,

Welcome to another issue of our DX MAGAZINE. Below please find our usual news from inside and outside the club for this month:



**Texas Radio Shortwave (TRSW)**, which can be heard via WRMI, WBCQ and Channel 292, will have a programme with special greetings to WORLDWIDE DX CLUB in its June programme, featuring Stevie Ray Vaughan's music. A special eQSL will be available to WWDXC members who send a report for their program via Channel 292 on June 19<sup>th</sup> at 08:00 UTC on 6070 kHz and at 17:00 UTC on 3955 kHz and who self-identify as club members. More information will be found in our May DX MAGAZINE.

TRSW's goal is to produce programmes, aired over European and North American shortwave stations, featuring music by Texas artists and songs about Texas by non-Texans. Their 2021 Master Program Schedule can be downloaded from <[https://www.wwdxc.de/download/TRSW\\_2021.pdf](https://www.wwdxc.de/download/TRSW_2021.pdf)>.

Updated radiofax schedules of Athens Funabashi Guangzhou Hamburg Kagoshima Misaki et al can be found on our website - see the **2021/2022 GUIDE TO UTILITY RADIO STATIONS** subpage. What's more, since publication (in December 2020) of the new 2021 editions of our books and CDs and databases, hundreds of new digital data decoder screenshots have been uploaded to our hotfrequencies webpage: so far 1000+ (more than one thousand) since 1 December 2020.

Best wishes - 73, Joerg Klingenfuss <[info@klingenfuss.org](mailto:info@klingenfuss.org)> - <<http://www.klingenfuss.org>>.

(Cf. DXM 12/2020) Bruno Pecolatto of Associazione Italiana Radioascolto has recently published the final results of it's **A.I.R. Contest 2021**. Again two of our members are among the winners of this contest: OM Hans Nerlich and OM Bernd Henning with 5956 points (place 5) and 5881 points (place 6) respectively. Our best congratulations for these results!

If you want to read the full results of this contest, please contact OM Bruno at <[bpecolatto@libero.it](mailto:bpecolatto@libero.it)>.

Auch in diesem Jahr hat die Corona-Pandemie die Welt weiterhin fest im Griff: Aufgrund der aktuellen Entwicklungen hinsichtlich der Verbreitung des Coronavirus COVID-19 ist die Messe Friedrichshafen gezwungen, die internationale Amateurfunk-Ausstellung **Ham Radio** auch in diesem Jahr abzusagen. Sie wird nicht im geplanten Zeitraum vom 25. bis 27. Juni 2021 stattfinden, sondern vom 24. bis 26. Juni 2022 durchgeführt. Als kleines Trostpflaster wird es eine Onlinevariante der Ham Radio geben. Informationen unter <<https://www.hamradio-friedrichshafen.de/news/2020/ham-radionline>>.



Bernd Seiser

Dies gilt auch für das **40. überregionale DX-Treffen** für Kurzwellenhörer und Freunde des Rundfunkfernempfangs am 8. Mai 2021 in Ottenau. Hier wird es ebenfalls ein virtuelles Treffen über Skype geben. Nähere Informationen erhalten Sie von Bernd Seiser <[bernd.seiser@t-online.de](mailto:bernd.seiser@t-online.de)>.

Bei dieser Gelegenheit möchten wir **Bernd Seiser**, der die überregionalen DX-Treffen in Ottenau nun seit 40 Jahren organisiert und seit 15 Jahren den RTI-Hörerklub Ottenau leitet, recht herzlich nachträglich zu seinem 60. Geburtstag am 7. April gratulieren.

Da wir eine größere Menge von **Internationalen Antwortscheinen** (IRCs - Version gültig bis 31.12.2021) vorrätig haben, bieten wir diese unseren Mitgliedern für € 1,10 pro Stück inkl. Porto an (Einlösewert in Deutschland = € 1,10 - normaler Verkaufspreis bei der Deutschen Post AG = € 2,00). Sie können die Scheine Ihren Briefen an ausländische Sender oder Korrespondenzpartner als Rückporto beilegen. Die Mindestbestellmenge beträgt 10 Stück. Lieferung gegen Vorauszahlung auf unser Konto bei der Raiffeisenbank Grävenwiesbach (IBAN: DE75 5006 9345 0100 0199 84 - BIC/SWIFT-Code: GENODE51GWB).

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

## NEWS ABOUT BROADCASTING (+other) STATIONS

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

### ALASKA - KNLS A21 - Effective March 28 to October 30, 2021:

KNLS TX 1	0800-0900 9695 270 ENG PacRim
0800-0900 11875 285 CHN EChina	0900-1000 9695 300 RUS ERuss
0900-1000 11875 285 CHN EChina	1000-1100 9580 270 ENG PacRim
1000-1100 9685 285 CHN EChina	1100-1200 9580 300 RUS ERuss
1100-1200 9735 285 CHN EChina	1200-1300 7355 270 ENG PacRim
1200-1300 9795 270 ENG Pac.Rim	1300-1400 7395 300 CHN NChina
1300-1400 9740 300 CHN NChina	1400-1500 9580 270 ENG PacRim
1400-1500 7355 300 CHN NChina	1500-1600 9730 300 RUS ECRuss
1500-1600 9760 300 CHN NChina	
KNLS TX 2	

Submit reception reports at : <<https://www.knls.org/contact-us.html>> OR to: <wcbctn@worldchristian.org> (Alokesh Gupta)

### ARMENIA - CJSC Yerevan Gavar, 300 and 100 kW, SW schedule in A-21 season:

5875 1700 1800 40E, 41NW	ERV 300 100 218 1234567	Prs BBC ENC DARIA
5875 1800 1900 40E, 41NW	ERV 300 100 218 1234567	Pus BBC ENC PASHA
5890 0000 0100 41, 42SW	ERV 300 100 218 1234567	Eng BBC ENC ENASS
6030 1900 2200 27E, 28NW	ERV 100 305 238 7	Mu1 MBR MBR X.307
6130 1800 1830 28, 29	ERV 100 330 158 7	Mu1 MBR MBR X.B2
6130 1800 1900 28, 29	ERV 100 330 158 1	Mu1 MBR MBR X.B2
7510 1730 1800 48SW	ERV 300 192 218 1234567	Xst IBR ENC FE34
9490 1600 1630 41S	ERV 300 125 218 1234567	Eng AWR AWR x220
9880 0200 0230 40E, 41NW	ERV 300 100 218 1234567	Pus BBC ENC PASHA
9880 0230 0300 40E, 41NW	ERV 300 100 218 1234567	Prs BBC ENC DARIA
11875 1530 1600 41S	ERV 300 125 218 1234567	Kan AWR AWR x220
11945 0200 0215 41	ERV 100 125 218 3	Mu1 MBR MBR X.Indie
11945 0200 0230 41	ERV 100 125 218 17	Mu1 MBR MBR X.Indie
11945 0200 0230 41	ERV 100 125 218 5	Mu1 MBR MBR A.Indie
11945 0200 0230 41	ERV 100 125 218 1257	Mu1 MBR MBR X.Indie
11945 0230 0300 41	ERV 100 125 218 1	Mu1 MBR MBR X.Indie
13580 0300 0330 40E, 41NW	ERV 300 100 218 1234567	Pus BBC ENC PASHA
13745 1315 1530 40E, 41	ERV 300 100 238 1234567	Var TWR TWR
15205 1200 1400 27E, 28	ERV 100 305 238 1234567	Mu1 MBR MBR A.307
15260 0500 0700 46, 47	ERV 300 245 218 1234567	Mu1 MBR MBR B.Niger
15490 0500 0600 48SW, 53NW	ERV 300 192 218 7	Kin BBC ENC KRWNA
15490 0529 0600 48SW, 53NW	ERV 300 192 218 1	Kin BBC ENC KRWNA

(hfcc.org March 16/wb)

**AUSTRALIA - Reach Beyond Australia A21 - Effective March 28 to Oct 30, 2021:**

1245-1300	11900	Bangla	5	North India	1430-1445	6155	Korean	2	6	Korea		
1315-1330	9610	Bangla	6	North India	1430-1500	6155	Korean	1	345	7	Korea	
1345-1400	9720	Bangla	6	North India	1245-1300	11900	Kurux	3		North India		
1300-1315	9610	Bhojpuri	4	North India	1300-1315	9610	Kurux	3		North India		
1345-1400	9720	Bhojpuri	3	North India	1315-1330	11900	Malayalam	5		South India		
1145-1200	11905	Burmese	1234567	Myanmar	1300-1315	9610	Marathi	6		South India		
1200-1230	11875	Burmese	23	56	Myanmar	1315-1330	9610	Marathi	5		South India	
1500-1530	11825	Burmese	1234567	Myanmar	1245-1300	11900	Marwari	6		North India		
1300-1315	9610	Chhattisgarhi	1	7	North India	1200-1230	11875	Matu	1	4	7	Myanmar
1345-1400	9720	Chhattisgarhi	1	7	North India	1130-1200	12010	Nepali	2	6	Nepal	
1130-1145	12010	Dzongkha	1	345	7	Bhutan	1315-1330	11900	Nepali	1		Nepal
1145-1200	12010	Dzongkha	1	7	Bhutan	1330-1345	9720	Nepali	23456		Nepal	
1200-1230	11900	English	1		South India	1345-1400	9720	Nepali	5		Nepal	
1315-1330	11900	English	2	4	6	South India	1315-1330	9610	Oriya	1		North India
1345-1400	11900	English	1234567	South India	1230-1245	11900	Punjabi	6		South India		
1445-1500	6155	English	2	6	Korea	1300-1315	9610	Punjabi	2		North India	
1245-1300	11900	Gujarati	4		South India	1315-1330	9610	Punjabi	7		North India	
1300-1315	9610	Himachali	5		North India	1345-1400	9720	Punjabi	4		North India	
1200-1230	9610	Hindi	1234567	North India	1130-1145	11905	Rohingya	1234567		Myanmar		
1215-1230	11900	Hindi	3	56	North India	1200-1230	11900	Tamil	7		South India	
1215-1245	11900	Hindi	2	4	North India	1300-1315	11900	Tamil	123456		South India	
1230-1245	11900	Hindi	3	5	7	North India	1315-1330	11900	Tamil	3	7	South India
1230-1245	9610	Hindi	3	5	7	North India	1315-1330	9610	Tamil	2		South India
1230-1300	11900	Hindi	1		North India	1245-1300	11900	Telegu	2		South India	
1230-1300	9610	Hindi	12	4	6	North India	1300-1315	11900	Telegu	7		South India
1245-1300	9610	Hindi	3	5	7	North India	1315-1330	9610	Telegu	3		South India
1315-1330	9610	Hindi	4		North India	1330-1345	9720	Tibetan	1	7	North India	
1330-1345	11900	Hindi	1234567	North India	1145-1200	12010	Tsangla	345		Bhutan		
1100-1130	15565	Japanese	1	7	Japan	1245-1300	11900	Urdu	7		North India	
2230-2300	15410	Japanese	1234567	Japan	1345-1400	9720	Urdu	2		North India		
1200-1215	11900	Kannada	23456	South India								

Reception reports to : <A21@reachbeyond.org.au> , <radio@reachbeyond.org.au>  
(Alokesh Gupta, New Delhi)

**BULGARIA - Frequency change of World's Last Chance:**

via SOF - SPC-NURTS Spaceline Ltd. Sofia Kostinbrod Bulgaria relay site

0700-0800 NF15780 SOF 100 kW 126 deg to NE/ME Arabic WLCRadio, ex17510 kHz

0800-1000 NF15780 SOF 100 kW 126 deg to NE/ME Arabic WLCRadio, ex17520 kHz

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 10)

Frequency change of World's Last Chance Radio, March 24

0700-1000 NF13840 SOF 100 kW 126 deg to NE/ME Arabic, ex15780.

Good via SDR Tambow, Russia remotely.

0700-1000 on 11600 SOF 100 kW 306 deg to WeEUR.

English Brother HySTAIRical, NOT ON AIR TODAY.

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 24)

**BULGARIA / FRANCE / MADAGASCAR / VATICAN STATE {to SUDAN } - A-21 schedules:**

FPU Radio Tamazuj

0329-0427 7315 SMG 250 kW 151 deg to EAF Juba Arabic

0329-0427 11650 MDG 250 kW 335 deg to EAF Juba Arabic

1459-1557 15150 MDG 250 kW 335 deg to EAF Juba Arabic

1459-1557 15400 ISS 250 kW 138 deg to EAF Juba Arabic

English news: 1545-1555 UTC Tue/Fri and 0415-0425 UTC Wed/Sa

FPU Radio Dabanga

0429-0457 7315 SMG 250 kW 151 deg to EAF Darfur Arabic

0429-0457 11650 MDG 250 kW 335 deg to EAF Darfur Arabic

1529-1627 11640 SOF 100 kW 195 deg to EAF Darfur Arabic

1529-1627 15550 SMG 250 kW 139 deg to EAF Darfur Arabic

MGB Eye Radio

## 6

0359-0457 7340 SMG 250 kW 151 deg to EAF Juba Arabic\* Mo-Fr  
1559-1657 15410 SMG 250 kW 151 deg to EAF Juba Arabic\* Mo-Fr  
1659-1757 15410 ISS 250 kW 138 deg to EAF only English Mo-Fr

\* including other langs English/Dinka/Nuer/Shilluk/Bari/Zande/Lutoho  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 22)

**CHINA** - On November 7, 2019, the Guangdong-Hong Kong-Macao Greater Bay Area Center of China Central Radio and Television Headquarters, located in Qianhai Shenzhen-Hong Kong Fund Town, Shenzhen, was officially opened. From March 14, 2021, the shortwave frequency will be increased.

### Voice of the Greater Bay Area

China National Radio & Television Administration announced on March 26 the formal A21 schedule of the China National Radio's 7th program "Radio The Great Bay" as follows.

### SW

2055-0000 7345 (Kashgar 500kW 308degrees)  
2055-0100 9745 (Kashgar 500kW 106degrees)  
0000-1100 15500 (Beijing 150kW 180degrees)  
0100-1805 13770 (Kashgar 500kW 106degrees)  
1100-1805 7345 (Beijing 100kW 175degrees)

### MW

1215 kHz (Zhuhai 50 kW, for cities along the mouth of Pearl River). Guangdong Transmitting Station #909, Tangjiawan Town, Xiangzhou District, Zhuhai Prefecture-Level City, Guangdong Province. Febr 2017.  
22 22 56 N 113 33 24 E <<https://goo.gl/maps/v6xf7noBRFrYgyP56>>

CNR-7 tx due to move to new site in Doumen District, wb. <<https://google/maps/MTGTvAxwx6AgfCzv6>>

### FM

98.0 (Guangzhou)  
101.2 (Zhongshan, for Shenzhen and Hong Kong)  
93.2 (Foshan)  
105.4 (Zhuhai, for Macau)

Original article is at <<https://cahcn.github.io/posts/2021-03-26-CMG-A21.html>>

FM broadcast is also relayed at Guanzhou TV transmitting stn (102.7 MHz), Zhaoqing (94.9 MHz), Dongguan (104.0 MHz), all in Guangdong province. Online broadcast is at <<https://dwqzs.radio.cn/pc.html>>  
Transmitter information was added by myself referring A21 HFCC list etc.  
(Takahito Akabayashi, Tokyo-JPN, direct and wor March 29)

### Summer A-21 schedule of CNR-5 Cross Strait Radio:

0000-1000 9685 BEI 100 kW 163 deg to EAs Chinese  
0000-1000 11620 BEI 100 kW 163 deg to EAs Chinese  
2300-0900 11935 BEI 100 kW 163 deg to EAs Chinese  
0900-1705 7385 BEI 100 kW 163 deg to EAs Chinese  
1000-1705 5925 BEI 100 kW 163 deg to EAs Chinese  
1000-1705 7385 BEI 100 kW 163 deg to EAs Chinese  
1000-1705 9665 BEI 100 kW 163 deg to EAs Chinese  
2055-2400 5925 BEI 100 kW 163 deg to EAs Chinese  
2055-2300 7385 BEI 100 kW 163 deg to EAs Chinese  
2055-2400 9665 BEI 100 kW 163 deg to EAs Chinese  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 29)

### Summer A-21 schedule of CNR-6 Voice of Shenzhou:

2155-0100 6165 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka  
2155-0100 9420 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka, not 9730  
0100-0900 11905 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka  
0100-0900 15710 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka

0900-1605 6165 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka  
 0900-1605 9420 BEI 100 kW 163 deg to EAs Chinese/Amoy/Hakka, not 9620  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 29)

**CUBA** - A-21 schedule of Radio Habana Cuba - Marzo 2021 a Noviembre 2021.

0000-0600 11850 QVC 250 170 SAm Spanish Chile, not March 23  
 and two accompanied spurs nearby on 11840 and 11860 kHz  
 0000-0500 6000 QVC 250 10 ENAm English Washington  
 0000-0600 9700 BAU 100 340 WNA Am English Chicago (formerly 6145)  
 ?0000not -0500 6060 BAU 100 010 ENAm Spanish New York, from 0200?  
 0500-0700 6060 BAU 100 010 ENAm English New York  
 0500-0700 6100 BAU 100 310 WNA Am English San Francisco  
 0700-0730 6100 BAU 100 310 WNA Am Esperanto San Francisco, Su only  
 Not 1100-1300 11950 QVC 250 340 WNA Am Spanish Chicago  
 heard on 6000 kHz instead of TITAN Quivican San Felipe antenna HQ2/2/0.2 non-directional.  
 1100-1300 6000 BAU 100 340 WNA Am Spanish Chicago  
 1100-1500 9640 BEJ 50 110 Antilles Spanish Antilles HQ1/03 ant  
 1100-1500 9535 BEJ 100 230 CAm Spanish MEX-GTM-CTR-Panama  
 1100-1500 11760 BAU 100 n-d NCAm Spanish non-directional HQ1/08  
 1100-1400 13740 BAU 100 160 SAm Spanish Buenos Aires  
 1100-1500 15140 BAU 100 130 SAm Spanish Rio de Janeiro  
 1200-1500 15230 QVC 250 160 SAm Spanish Buenos Aires  
 1300-1500 13700 BAU 100 310 WNA Am Spanish San Francisco  
 1500-1530 11760 BAU 100 n-d NCAm EsperantoSun only non-directional HQ1/08  
 1500-1530 11760 BAU 100 n-d NCAm Spanish non-dir Mo-Sa HQ1/08  
 1500-1800 15140 BAU 100 10 ENAm Spanish New York  
 1530-1800 11760 BAU 100 n-d NCAm Spanish non-directional HQ1/08  
 1800-1830 15140 BAU 100 340 WNA Am Arabic Chicago  
 1830-1900 15140 BAU 100 340 WNA Am Creole Chicago  
 1900-2000 15140 BAU 100 340 WNA Am English Chicago  
 2000-2030 15140 BAU 100 340 WNA Am French Chicago  
 (on March 24, 1800-2030 UT only BUZZ empty carrier, no audio, 12 x 120 Hertz apart distance buzzy audio strings)

A-2 antenna HRS4/4/0.8 NY 10degr +30degr slewed EUR azimuth:

1930-2000 13680 BAU 100 40 WEu French Europe ex15370  
 2000-2030 13680 BAU 100 40 WEu Portuguese Europe ex15370  
 2030-2100 13680 BAU 100 40 WEu Arabic Europe ex15370  
 2100-2300 13680 BAU 100 40 WEu Spanish Europe ex15370  
 till 23.30 UT on March 24, noted with powerhouse on 13680 kHz.

2100-0500 9535 BEJ 100 230 CAm Spanish MEX-GTM-CTR-Panama  
 2100-0400 9650 BEJ 50 110 Antill Spanish Antilles QRM CRI HQ1/03  
 2100-0200 11760 BAU 100 n-d NCAm Spanish non-directional HQ1/08  
 2100-2300 11850 QVC 250 170 SAm Spanish Chile Buenos Aires  
 2300-0000 UT En ! 11950 on March 23.

Not 11850 kHz on March 23. From 2100-2300 UT on 11850 kHz on March 24;  
 pause - not 23-24 UT on air, on March 24; late start at 01.04:30 UT.

2100-0400 13740 BAU 100 160 SAm Spanish Buenos Aires  
 Wrong start time from 0000 UT on March 23, from 2100 UT March 24 instead.

2200-2300 15230 QVC 250 160 SAm Portuguese Buenos Aires  
 2300-0400 11670 BAU 100 130 SAm Spanish Rio de Janeiro  
 2300-0500 15230 QVC 250 160 SAm Spanish Buenos Aires

2200-2400 6000 11950 kHz Bauta Spanish on March 23 , 2300-2400 UT on March 24  
 2300-2400 6000 QVC 250 10 ENAm Spanish Mon-Thur  
 "Mesa Redonda" towards Washington DC/New York.  
 2300-2300 11950 BAU 100 340 WNA Am Spanish Mon-Thur "Mesa Redonda" to Chicago.

A-3 antenna HRS4/4/0.8 RJ 130degr -30degr slewed SAf azimuth:

2200-2230 11880 BAU 100 100 SAf French Africa okay March 24  
 2230-2300 11880 BAU 100 100 SAf Portuguese Africa  
 2300-2400 11880 BAU 100 100 SAf English Africa okay March 23, 24.  
 2230-2300 15730 BEJ 50 135 SAm French Mon-Sat Rio, Buenos Aires  
 2230-2300 15730 BEJ 50 135 SAm Esperanto Sun Only Rio de Janeiro, Buenos Aires  
 2300-2330 15730 BEJ 50 135 SAm Creole Rio de Janeiro, Buenos Aires  
 2330-2400 15730 BEJ 50 135 SAm French Rio de Janeiro, Buenos Aires  
 Portuguese language, faulty feeding on March 23, distorted audio on March 24. BUT need more monitoring in A21.

83 and 263 degrees CT2/1/0.8, TX #6:

2100-2300 5040 BAU 100 n-d Cuba Spanish  
 2300-2400 5040 BAU 100 n-d Cuba English  
 0000-0030 5040 BAU 100 n-d Cuba Creole okay March 23  
 0030-0100 5040 BAU 100 n-d Cuba French  
 0100-0200 5040 BAU 100 n-d Cuba empty carrier on air March 19 & 24.  
 0200-0500 5040 BAU 100 n-d Cuba Spanish  
 0500-0600 5040 BAU 100 n-d Cuba English

Transmitter sites:

BAU Bauta 6 x 100 kW units.  
 BEJ Bejuca1 50, 100 kW (combined 50 kW units)  
 QVC Titan-Quivican San Felipe 5 x 250 kW units.

Shortwave schedule of Radio Rebelde

0000-2400 5025 BAU 100 non-dir to C&SAm Spanish

Shortwave schedule of Radio Progreso

0030-0400 4765 BEJ 050 non-dir to Cuba Caribbean Spanish

Radio Havana Cuba has updated its website <<http://www.radiohc.cu/es/de-interes/frecuencias>>  
 (RHC correction according to monitoring March 23 / 24 / 25)

A21 DST schedule, CRI La Habana Quivican San Felipe TITAN relay Cuba:

0000-0100 5990 QVC 250 n-dir NoAM Spanish okay on air March 24  
 0000-0100 15120 QVC 250 160 SAm Spanish okay on air March 24  
 0100-0200 9580 QVC 250 10 NAm English  
 0200-0300 9580 QVC 250 10 NAm Chinese  
 0300-0400 9790 QVC 250 305 WNAm English  
 0400-0400 9790 QVC 250 305 WNAm Cantonese  
 1200-1300 9570 QVC 250 10 NAm Cantonese  
 1300-1400 9570 QVC 250 10 NAm English  
 1400-1500 11880 QVC 250 305 WNAm English not schedule request anymore  
 1500-1600 11880 QVC 250 305 WNAm English  
 2300-2400 5990 QVC 250 n-dir NAm English okay on air March 23  
 2300-2400 13650 QVC 250 135 SoAM Portuguese okay on air March 23  
 TITAN tx #1 and #5.

(wb df5sx, wwdxc BC-DX TopNews, monitored in A-21 NoAM DST March 24-25)

**EGYPT** - Summer A-21 frequencies of ERU Radio Cairo registered in HFCC.org:

1500-1600 NF9730 ABS 125 kW 325 deg to EEU Albanian, ex9650 A-20  
 1700-1900 NF9950 ABS 125 kW 005 deg to NE/ME Turkish, ex9910 A-20  
 1800-1900 NF9440 ABS 125 kW 325 deg to WEU Italian, ex9870 A-20  
 1900-2000 9570 ABS 125 kW 325 deg to WEU German, same in A-20  
 1900-2000 NF9870 ABS 125 kW 005 deg to EEU Russian, ex9675 A-20  
 2000-2115 NF9560 ABS 125 kW 325 deg to WEU French, ex9810 A-20  
 2115-2245 NF9720 ABS 125 kW 325 deg to WEU English, ex9890 A-20  
 2215-2330 9490 ABS 100 kW 252 deg to SAm Portug., same in A-20  
 2330-0045 9885 ABS 100 kW 252 deg to SAm Arabic, same in A-20  
 0045-0200 NF9890 ABS 100 kW 252 deg to SAm Spanish, ex9665 A-20.



From the beginning of B19 season Radio Cairo HAS BEEN INACTIVE ON SHORTWAVE.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 22)

**E'SWATINI** - Summer A-21 frequency changes of Trans World Radio Africa:

1420-1435 NF 9585 MAN 050 kW 005 deg to SAF Portuguese Mo-Fr, ex7315  
 1435-1450 NF 9585 MAN 050 kW 005 deg to SAF Lomwe Mo-Fr, ex7315  
 1420-1450 NF 9585 MAN 050 kW 005 deg to SAF Makhuwa Sa, ex7315  
 1500-1530 NF11945\*MAN 100 kW 030 deg to Eaf Somali Daily, ex9500  
 1530-1545 NF11945\*MAN 100 kW 030 deg to Eaf Somali Sa/Su, ex9500  
 1530-1545 NF13580 MAN 100 kW 005 deg to Eaf Juba Arabic Mo-Fr, ex11820  
 1630-1645 NF 3240 MAN 050 kW 003 deg to SAF Shangaan Tue, ex3200  
 1630-1645 NF 3240 MAN 050 kW 003 deg to SAF Portuguese Sa, ex3200  
 1745-1815 NF 9380 MAN 100 kW 005 deg to Eaf Swahili Mo-Fr, ex9515  
 1745-1840 NF 9380 MAN 100 kW 005 deg to Eaf Swahili/English S, ex9515  
 1745-1800 NF 9380 MAN 100 kW 005 deg to Eaf Turkina Sa, ex9515  
 1800-1830 NF 9380 MAN 100 kW 005 deg to Eaf Swahili Sa, ex9515  
 1802-1902 NF 9575 MAN 100 kW 013 deg to Eaf Arabic Mo-Fr, ex9500

\*registered in A-21 HFCC, but in their schedule is listed wrong 11780 kHz  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 27)

**FRANCE** - Summer A-21 frequency changes of R France International RFI:

0500-0600 NF11700 ISS 500 kW 150 deg to CAf French, ex 7390  
 0500-0600 NF13695 ISS 500 kW 160 deg to CAf French, ex11700  
 0530-0600 NF13740 ISS 500 kW 140 deg to ECAf Swahili, ex11790  
 0600-0630 NF13740 ISS 500 kW 170 deg to WCAf Hausa, ex 9805  
 0700-0730 13660 ISS 500 kW 198 deg to WAF Mandingo, additional in A-21  
 0730-0800 13660 ISS 500 kW 180 deg to WAF Fulfulde, additional in A-21  
 1200-1300 NF15300 ISS 500 kW 180 deg to WAF French till Sept.4, ex13855  
 1200-1300 NF15300 ISS 500 kW 201 deg to WAF French from Sept.5, ex13855  
 1500-1600 21690 ISS 500 kW 140 deg to EaCAf Swahili till Sept.4  
 1500-1600 NF25775 ISS 500 kW 140 deg to EaCAf Swahili from Sept.5, ex21690  
 1700-1800 21580 ISS 500 kW 150 deg to CAf French, additional  
 1800-1900 NF15300 ISS 500 kW 175 deg to WAF French, ex11995  
 1800-1900 NF21690 ISS 500 kW 155 deg to CAf French, ex15300  
 1900-2000 NF11995 ISS 500 kW 200 deg to WAF French, ex 9790  
 1900-2000 NF13740 ISS 500 kW 175 deg to WAF French, ex11995  
 1900-2000 NF15300 ISS 500 kW 160 deg to CAf French, ex13740  
 1900-2000 NF17850 ISS 500 kW 155 deg to CAf French, ex15300

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 22-24)

Summer A-21 of Manara Radio International via TDF Issoudun:

0700-0800 NF13710 ISS 100 kW 170 deg to WAF Hausa, ex13840 kHz.  
 1600-1700 15285 ISS 250 kW 170 deg to WAF Hausa, NO CHANGE

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 22)

Summer A-21 schedule of TDA Telediffusion d'Algerie via TDF Issoudun:

0400-0459 6050 ISS 500 kW 162 deg to CEAF Arabic\*Holy Qur'an program  
 0500-0559 NF 7295 ISS 500 kW 194 deg to NWAf Arabic\*Holy Qur'an, ex 6125  
 0500-0559 NF 9535 ISS 500 kW 160 deg to CEAF Arabic\*Holy Qur'an, ex 7295  
 0600-0659 9620 ISS 500 kW 194 deg to NWAf Arabic Holy Qur'an program  
 1800-1859 NF13815 ISS 500 kW 162 deg to CEAF Arabic Holy Qur'an, ex13820  
 1900-1959 11985 ISS 500 kW 162 deg to CEAF Arabic Holy Qur'an program  
 1900-1959 12060 ISS 500 kW 194 deg to NWAf Arabic Holy Qur'an program  
 2000-2059 9510 ISS 500 kW 194 deg to NWAf Arabic Holy Qur'an program  
 2000-2059 9655 ISS 500 kW 162 deg to CEAF Arabic Holy Qur'an program  
 2100-2159 5930 ISS 500 kW 194 deg to NWAf Arabic Holy Qur'an program  
 2100-2159 5940 ISS 500 kW 160 deg to CEAF Arabic Holy Qur'an program  
 2200-2259 5930 ISS 500 kW 194 deg to NWAf Arabic Holy Qur'an program

\* including French nx bulletin 0450-0458 & 0500-0513UT, please check other  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 23)

**GERMANY - DW A21 - Effective 28th March to 30th October, 2021:**

AMHARIC	1600-1700	15275	kHz	ISSOUDUN	Ethiopia	daily		
AMHARIC	1600-1700	17800	kHz	ISSOUDUN	Ethiopia	daily		
HAUSA	0630-0700	09830	kHz	SAO TOME	Africa(west)	daily		
HAUSA	0630-0700	11850	kHz	ISSOUDUN	Africa(west)	daily		
HAUSA	0630-0700	15215	kHz	ISSOUDUN	Africa(west)	daily		
HAUSA	1300-1400	09830	kHz	SAO TOME	Africa(west)	daily		
HAUSA	1300-1400	11850	kHz	SAO TOME	Africa(west)	daily		
HAUSA	1300-1400	15215	kHz	ISSOUDUN	Africa(west)	daily		
HAUSA	1800-1900	09830	kHz	SAO TOME	Africa(west)	daily		
HAUSA	1800-1900	11850	kHz	ISSOUDUN	Africa(west)	daily		
HAUSA	1800-1900	15215	kHz	ISSOUDUN	Africa(west)	daily		
HAUSA	1325-1530	15195	kHz	ISSOUDUN	Africa(west)	Sa (Football)	03.04.21-24.04.21	
HAUSA	1325-1530	15350	kHz	ISSOUDUN	Africa(west)	Sa (Football)	03.04.21-24.04.21	
HAUSA	1325-1530	15195	kHz	ISSOUDUN	Africa(west)	Sa (Football)	08.05.21-22.05.21	
HAUSA	1325-1530	15350	kHz	ISSOUDUN	Africa(west)	Sa (Football)	08.05.21-22.05.21	

Reception reports to: <info@dw.com>  
(Alokesh Gupta)

**MEDIA BROADCAST - A21 March 28 to October 30, 2021:**

6155	0430	0500	37,38W	210	216	1234567	NAU	125	AWR	Fra
9445	1500	1530	41S	163	911	1234567	TAC	100	AWR	Tam
9490	1600	1630	41S	125	218	1234567	ERV	300	AWR	Eng
9610	0900	1000	28W	180	216	1	NAU	125	AWR	Ila
9760	2000	2030	46E,47w	185	216	1234567	NAU	250	AWR	Fra
9770	2000	2030	46SW	188	206	1234567	ISS	250	AWR	Mos
9780	2000	2030	37,38W	210	216	1234567	NAU	125	AWR	Fra
9800	2100	2130	46SE	180	216	1234567	NAU	250	AWR	Pcm
9800	2130	2200	46SE	200	216	1234567	NAU	250	AWR	Twi
11790	2030	2100	46SE	165	211	1234567	ISS	250	AWR	Yor
11800	1900	2000	37,38W	210	146	1234567	NAU	250	AWR	Ara
11875	1530	1600	41S	125	218	1234567	ERV	300	AWR	Kan
11940	1430	1500	49NW	122	878	1234567	TAC	100	AWR	Mya
11955	1930	2000	37,38W	210	216	1234567	NAU	125	AWR	Shi
12060	1530	1600	41W	163	911	1234567	TAC	100	AWR	Hin
12060	1500	1530	41S	163	910	1234567	TAC	100	AWR	Kan
12070	1930	2000	46SE	165	216	1234567	ISS	250	AWR	Ibo
12105	1200	1230	43N,44 N	76	904	67	TAC	100	AWR	Cmn
12105	1230	1300	43N,44 N	76	904	6	TAC	100	AWR	Cmn
12105	1200	1230	43N,44 N	76	904	12345	TAC	100	AWR	Nan
12105	1230	1300	43N,44 N	76	904	12345 7	TAC	100	AWR	Yue
15215	1530	1600	41 N	90	218	1234567	NAU	250	AWR	Hin
15220	0700	0800	37,38W	210	218	1234567	NAU	250	AWR	Ara
15220	0830	0900	37,38W	210	218	1234567	NAU	125	AWR	Shi
15255	1300	1330	41NE	125	416	1234567	DB	100	AWR	Nep
15420	1200	1300	44NE,45NW	60	418	1234567	DB	100	AWR	Kor
15440	1330	1400	49E	125	416	1234567	DB	100	AWR	Tha
15455	0600	0630	46S	200	218	1234567	NAU	250	AWR	Fra
15490	1630	1700	48	140	218	1234567	NAU	250	AWR	Tir
15515	0200	0300	41NE	125	416	1234567	DB	100	AWR	Eng
15515	1400	1500	41NE	125	416	1234567	DB	100	AWR	Eng
15550	1330	1400	41NE	122	878	1 4	TAC	100	AWR	Asm
15550	1330	1400	41NE	122	878	56	TAC	100	AWR	Hmn
15550	1330	1400	54N	122	878	23 7	TAC	100	AWR	Ind
15670	1530	1600	41N,42s	80	218	56	NAU	250	AWR	Bod
15670	1530	1600	41N,42s	80	218	1234 7	NAU	250	AWR	Eng
15670	1300	1400	44NE,45NW	66	418	1234567	TAC	100	AWR	Kor
15710	1300	1330	42,43W	75	218	23456	NAU	250	AWR	Cmn
15710	1300	1330	42,43W	75	218	1 7	NAU	250	AWR	Uig

15715	1330	1400	42, 43W	75	218	1234567	NAU	250	AWR	Cmn
17570	1630	1700	48	122	217	1234567	ISS	250	AWR	Som
17720	1730	1800	48	145	218	1234567	NAU	250	AWR	Orm
17725	1630	1700	48	140	218	1234567	NAU	250	AWR	Amh
9490	1710	1730	38E, 39, 40W	141	616	2	SOF	100	BVB	Mui
9490	1715	1730	38E, 39, 40W	141	616	4	SOF	100	BVB	Mui
9610	1800	1900	39, 40	105	216	5	NAU	100	BVB	Mui
9610	1800	1830	39, 40	105	216	6	NAU	100	BVB	Mui
9610	1830	1900	39, 40	105	216	1 3	NAU	100	BVB	Mui
9635	1815	1830	39, 40	130	216	1	NAU	250	BVB	Mui
9635	1830	1915	39	130	216	1	NAU	125	BVB	Mui
9735	0500	0515	39, 40	120	216	6	NAU	250	BVB	Mui
9810	1730	1830	39	115	218	1 7	MOS	100	BVB	Mui
9810	1700	1715	39	115	218	6	MOS	100	BVB	Mui
9810	1700	1730	39	115	218	5	MOS	100	BVB	Mui
11655	0600	0615	46N, 47NW, 38W, 37S	180	146	1234567	NAU	125	BVB	Mui
11945	0200	0230	41	125	218	5	ERV	100	BVB	Mui
15265	1400	1430	41	102	216	1SatM	NAU	250	BVB	Mui *
15265	1430	1500	41	102	216	7	NAU	250	BVB	Mui
15300	1430	1500	47, 48	236	418	1234567	TAC	100	BVB	Mui
15310	1600	1700	38S, 39S, 47, 48	142	218	1	NAU	100	BVB	Mui
15310	1730	1800	38S, 39S, 47, 48	142	218	1	NAU	250	BVB	Mui
15310	1600	1630	38S, 39S, 47, 48	142	218	2	NAU	100	BVB	Mui
15310	1600	1800	38S, 39S, 47, 48	142	218	3	NAU	100	BVB	Mui
15310	1630	1700	38S, 39S, 47, 48	142	218	7	NAU	100	BVB	Mui
15310	1730	1800	38S, 39S, 47, 48	142	218	7	NAU	250	BVB	Mui
15310	1645	1800	38S, 39S, 47, 48	142	218	4	NAU	100	BVB	Mui
15310	1645	1730	38S, 39S, 47, 48	142	218	5	NAU	100	BVB	Mui
21480	1200	1230	43S, 44s	45	157	7	MDG	125	BVB	Mui
21480	1230	1245	54	85	157	1	MDG	125	BVB	Mui
11830	1800	1830	46, 47	167	206	1234567	ISS	100	DAK	Mui
15260	0700	0800	46, 47	185	218	1234567	NAU	125	DAK	Mui
11850	0630	0700	46, 47W	170	211	1234567	ISS	500	DWL	Hau
11850	1800	1900	46, 47W	167	216	1234567	ISS	500	DWL	Hau
15195	1325	1530	46, 47W	165	217	7	ISS	500	DWL	Hau 1
15195	1325	1530	46, 47W	165	217	7	ISS	500	DWL	Hau 2
15215	0630	0700	46, 47W	160	217	1234567	ISS	500	DWL	Hau
15215	1300	1400	46, 47W	163	211	1234567	ISS	500	DWL	Hau
15215	1800	1900	46, 47W	175	217	1234567	ISS	500	DWL	Hau
15275	1600	1700	48	130	211	1234567	ISS	500	DWL	Amh
15350	1325	1530	46, 47W	175	217	7	ISS	500	DWL	Hau 1
15350	1325	1530	46, 47W	175	217	7	ISS	500	DWL	Hau 2
17800	1600	1700	48	130	217	1234567	ISS	500	DWL	Amh
6055	1030	1100	27, 28	222	146	1 7	NAU	125	EMG	Mui
13800	1530	1630	29S	100	146	7	NAU	100	HCJ	Mui
7330	1000	1100	27, 28	283	805	1SunM	MOS	100	JOY	Mui *
5960	0000	0200	2, 3, 4, 6, 7, 8, 9, 10	300	216	1	NAU	125	KBC	N1dEng 3
5960	0000	0200	2, 3, 4, 6, 7, 8, 9, 10	300	216	1	NAU	125	KBC	N1dEng 4
6045	0800	0900	27E, 28	240	146	1	NAU	125	KBC	N1dEng (on- demand)
6095	0800	1600	18SW, 27, 28W, 37N	240	156	1234567	NAU	100	KBC	N1dEng (on-demand)
9475	0700	0800	27N, 28s	230	146	1	NAU	125	KBC	N1dEng (on-demand)
9925	0000	0200	2, 3, 4, 6, 7, 8, 9, 10	300	216	1	NAU	125	KBC	N1dEng 5
5985	0400	0430	10, 1 1 , 12	222	805	1234567	RMI	100	NHK	Spa
6165	0430	0500	27, 28	85	146	1234567	NAU	125	NHK	Rus
9490	0300	0500	38-40	140	216	1234567	NAU	250	NHK	Jpn
13690	1700	1900	38-40	140	218	1234567	NAU	250	NHK	Jpn
6155	1630	1730	41	163	911	1	TAC	100	PAB	Mui
7425	1630	1730	42, 43, 44	90	911	1	TAC	100	PAB	Mui
11830	1600	1700	39	128	216	1	NAU	125	PAB	Mui
13580	1300	1400	45	66	418	7	TAC	100	PAB	Mui
15205	1430	1445	41	94	218	1	NAU	250	PAB	Mui
6045	1100	1400	27E, 28	233	156	1234567	NAU	100	RSZ	Mui (on-demand)

# 12

15205	1200	1400	27E,28	305	238	1234567	ERV	100	RSZ	Mui	(on-demand)
15420	1700	1800	38E,39S,48	144	216	4	NAU	100	SBO	Mui	
15420	1700	1730	38E,39 S,48	144	216	1 6	NAU	100	SBO	Mui	
5990	1000	1600	27E,28	233	146	1234567	NAU	125	SFZ	Mui	(on-demand)
15420	1800	1859	48SW,52NE,53NE	320	159	7	MDG	250	SJK	Mui	
5935	1300	1400	27E,28NW	233	146	1234567	NAU	125	SKW	Mui	(on-demand)
6140	0800	0900	27E,28 NW	270	805	1SuM	MOS	100	SKW	Mui	*
6095	1000	1100	27E,28	233	156	1SatQ 7	NAU	100	ST2	Deu	*

1SatM - 1st Sa on month	1SunM - 1st Su of month	
1 - 03/04/21 to 24/04/21	2 - 08/05/21 to 22/05/21	3 - 28/03/21 to 01/05/21
4 - 05/09/21 to 30/10/21	5 - 02/05/21 to 04/09/21	

List of Broadcasters which are using MEDIA BROADCAST (MBR) broadcasting facilities:

AWR Adventist World Radio  
BVB High Adventure Gospel - Bible Voice Broadcasting  
DAK Dandal Kura Radio International  
DWL Deutsche Welle  
EMG Evangelische Missionsgemeinden in Deutschland  
HCJ Reach Beyond (former HCJ)  
JOY Radio Joystick  
KBC The Mighty KBC  
NHK NHK (JAPAN BROADCASTING CORPORATION)  
PAB Pan American Broadcasting  
RSZ Radio60!  
SBO Sagalee Bilisummaa Oromoo  
SFZ Studio 52  
SJK Radio Itahuka  
SKW Förderverein "Sender Königs Wusterhausen" e.V.  
ST2 SE-TA 2

Reception reports to : <QSL-Shortwave@media-broadcast.com>  
(Alokesh Gupta)

SHORTWAVESERVICE Kall / Deutschland - SENDEPLAN A21 (28. März bis 30. Oktober 2021)  
Stand: 02.04.2021 \*\*\* Alle Zeiten in MESZ / all times in CEST (UTC+2) \*\*\*

3985 kHz

16:00-16:20 Radio Vatikan (dt)  
16:20-16:40 Radio Belarus (sp)  
16:40-17:00 Radio Belarus (fr)  
17:00-17:30 Radio Tirana (dt)  
17:30-18:00 Radio Slowakei International (fr)  
18:00-19:00 SRF Echo der Zeit (dt)  
19:00-20:00 Radio Belarus (en)  
20:00-20:30 Radio Slowakei International (dt)  
20:30-21:00 Radio Slowakei International (fr)  
21:00-22:00 Radio Belarus (en)  
22:00-24:00 Radio Belarus (dt)

6005 kHz

10:00-11:00 Radio Ukraine International (dt)  
11:00-11:30 Radio Slowakei International (en)  
11:30-12:00 Radio Prag (dt)  
12:00-12:30 Radio Slowakei International (en)  
12:30-13:00 SRF Rendez-Vous (dt)  
13:00-13:30 Radio Slowakei International (dt)  
13:30-14:00 Radio Slowakei International (fr)  
14:00-14:30 Voice of Mongolia (en)(Mo-Sa), So: R. Amathusia (nl)  
14:30-15:00 Radio Tirana (en)(Mo-Sa), So: R. Amathusia (nl)  
15:00-15:30 Radio Slowakei International (dt)  
15:30-16:00 Radio Slowakei International (fr)

16:00-16:30 Radio Slowakei International (sp)  
 16:30-17:00 Radio Slowakei International (en)  
 17:00-17:30 Polskie Radio (dt)  
 17:30-18:00 Radio Slowakei International (en)

6085 kHz

Täglich (Daily)

0900-1900 Radio MiAmigo International Deutsch / Englisch / Niederländisch,

Programmplan/Schedule: <<http://www.radiomiamigo.international/english/sw-schedule.html>>

**GUAM - KTRW GUAM A21 - Effective March 28 to October 30, 2021:**

1000	1030	11965	MADURESE	54	100	278	-30	4/4/1		M	Tu	W	Th	F		
1030	1100	11965	SUNDANESE	54	100	278	-30	4/4/1		M	Tu	W	Th	F		
1030	1100	11965	INDONESIAN	54	100	278	-30	4/4/1	Su							Sa
1100	1130	11965	ENGLISH	49,50,54	100	278	-15	4/4/1	Su							
1100	1140	11965	ENGLISH	49,50,54	100	278	-15	4/4/1		M	Tu	W	Th	F		
1145	1215	12040	BURMESE	49	100	278	+15	4/4/1		M	Tu	W	Th	F	Sa	
1215	1230	12040	KWA SAGEN	49	100	278	+15	4/4/1	Su							
1215	1245	12040	KWA SAGEN	49	100	278	+15	4/4/1		M	Tu	W	Th	F		
1245	1300	9975	VIETNAMESE	49	100	278	0	4/4/1	Su							
1230	1315	9975	VIETNAMESE	49	100	278	0	4/4/1								Sa
1100	1130	9910	ENGLISH	42-44	200	320	-15	4/4/1	Su							
1130	1215	9910	MANDARIN	42-44	200	320	-15	4/4/1	Su							
1200	1215	9910	MANDARIN	42-44	200	320	-30	4/4/1		M	Tu	W	Th	F		
1245	1255	12040	ENGLISH/HINDI	41	250	320	-30	4/4/1		M	Tu	W	Th	F		
1245	1300	12040	MANIPURI	41	250	320	-30	4/4/1	Su							
1300	1330	9975	MANDARIN	42-44	200	320	-15	4/4/1	Su	M	Tu	W	Th	F		
1315	1345	9975	MANDARIN	42-44	200	320	-15	4/4/1								Sa
1330	1345	9975	CANTONESE	42-44	200	320	-30	4/4/1		M	Tu	W	Th	F		
1100	1130	9910	MANDARIN	42-44	90	320	-15	4/4/1								Sa DRM
1130	1230	9910	JAPANESE	45	50	320	+30	4/4/1								Sa DRM
1000	1015	11995	ENGLISH	51,55,56,58-60	100	165	0	2/2/1.5		M	Tu	W	Th	F		
1000	1045	11995	ENGLISH	51,55,56,58-60	100	165	0	2/2/1.5								Sa
1030	1100	15200	ENGLISH	41	90	285	0	4/4/1	Su							DRM
1045	1100	9975	MONGOLIAN	32-33	200	315	0	4/4/1		M	Tu	W	Th	F	Sa	
1100	1115	9975	MONGOLIAN	32-33	200	315	0	4/4/1	Su	M	Tu	W	Th	F	Sa	
1115	1130	9975	HUI	42-44	200	315	0	4/4/1	Su	M	Tu	W	Th	F	Sa	
1115	1200	9975	HAK	42-44	200	315	0	4/4/1	Su	M	Tu	W	Th	F	Sa	
1200	1215	9975	MANDARIN	43-44	200	315	0	4/4/1	Su	M	Tu	W	Th	F	Sa	
1215	1230	9975	NOSU Yi	43-44	200	315	0	4/4/1		M	Tu	W	Th	F	Sa	
1215	1245	7500	JAPANESE	45	200	320	0	2/3/0.5	Su							
1245	1300	11590	MALAYALAM	41	250	285	0	4/4/1					Th	F	Sa	
1245	1300	11590	ENGLISH	41	250	285	0	4/4/1	Su	M	Tu	W				
1315	1330	11590	BHATRI	41	250	285	0	4/4/1	Su							
1315	1345	7510	KOREAN	44-45	200	320	0	2/3/0.5		M	Tu	W	Th	F		
1315	1345	7510	ENGLISH	44-45	100	320	0	2/3/0.5								Sa
1345	1515	7510	KOREAN	44-45	200	320	0	2/3/0.5	Su	M	Tu	W	Th	F	Sa	
1515	1545	7510	KOREAN	44-45	200	320	0	2/3/0.5	Su	M						Sa
1515	1615	7515	KOREAN	44-45	250	320	0	2/3/0.5			Tu	W	Th	F		
1545	1615	7515	KOREAN	44-45	250	320	0	2/3/0.5								Sa

Reception reports to: <[asiafeedback@twr.org](mailto:asiafeedback@twr.org)>

(Alokesh Gupta, New Delhi)

**GUAM [ARMENIA / GERMANY / MADAGASCAR / SRI LANKA / TAJIKISTAN] - New Schedule of**  
 Wavescan of A21 period from 28 March 2021 based upon new schedule received from AWR:

Sundays

1530 UTC To SAsia 15670 MBR Nauen, Germany relay, 11960 SLBC Trincomalee Sri Lanka relay.  
 1600 UTC To SAsia 9490 CJSC Yerevan Gavar Armenia relay, 15605 MGL0B Madagascar relay.  
 2200 UTC To Indonesia 12040 AWR KSDA Guam.

Note: All frequencies differ than announced in Wavescan program of 14 March 2021 !  
 (Jose Jacob-IND VU2JOS, DXindia and wor March 22)

**INDIA - A21 Changes to All India Radio External Service:**

- 13710 2345-0115 Chinese (ex 13695)
- 13710 0130-0230 Indonesian (ex 13695)
- 11560 0400-0500 Nepali (ex 11740)

Updated A21 schedule is on <<https://qsl.net/vu2jos/es/time.htm>>  
 (Jose Jacob, VU2JOS)

**JAPAN / AUSTRIA / FRANCE / GERMANY / UAE / UZBEKISTAN / VATICAN STATE -**

NHK Japan - English for Europe termination. Despite ceased the ORS Moosbrunn Austria and ENC Singapore Kranji outlets in total in A-21 season, there is a

huge NHK Japanese language schedule EXPANSION on shortwave from Yamata

noted in HFCC request table to help Japanese nationals during this exciting time of the anti corona virus vaccination.  
 (wb df5sx, wwdxc BC-DX Topnews March 16)

Still on the air at 0500 UT but not for Europe; HFCC A-21 extract shows only two English broadcasts remain on SW:

0430-0500 & 0500-0530 UT 7245 kHz Vatican and 7355 kHz France - both as daily altho we know one of them is for Mon-Fri, the other for Sat/Sun, totally unnecessary confusion.

And 1400-1430 UT, 9450 kHz Tashkent and 11830 kHz UAE. I suppose those could be audible in Europe but no good over here.

Maybe they will keep shoving English TV newscasts into various other language services we can fortuitously receive better.

Japanese at 02-04 via 6105 France to Mexico, Caribbean is still there, defacto NoAmerica too.  
 (Glenn Hauser-OK-USA, hcdx and wor March 19)

In A-21 English then

- 7245 0430-0530 46 SMG VAT 250kW 175deg.
- 7355 0430-0500 53,57 ISS F\_\_ 500kW 155deg.
- 9450 1400-1430 41 TAC UZB 100kW 163deg.
- 11830 1400-1430 49,50,54 DHA UAE 250kW 90deg.

Deleted ORS Moosbrunn 6155 / 6185 kHz relay outlet now.

No Singapore Kranji relay transmissions anymore in A-21 season:

1100-1130 SEAs	11825sng English delete	1700-2100 As	9795yam now Japanese
1300-1345 SWAs	15365uae now Bengali SoAsia	2100-2330 As	11725yam now Japanese
1030-1100 SEAs	13610yam now Burmese Myanmar	2100-0100 As	11910yam now Japanese
1430-1500 SEAs	13650yam now Burmese Myanmar	2000-2100 PAC/Hawaii	9480yam now Japanese
1130-1200 SEAs	11740sng Thai delete	0100-0500 SEAs	17810yam now Japanese
1230-1300 SEAs	11740sng Thai delete	0500-0700 SEAs	17585yam now Japanese
2230-2300*SEAs	13650yam now Thai	0700-1000 SEAs	15280yam now Japanese
1100-1130 SEAs	11740sng Vietnam. delete	1000-1500 SEAs	11815yam now Japanese
2300-2330*SEAs	13650yam now Vietnamese	1500-1700 SEAs	9650yam now Japanese
0600-0630 ME/NoAF	11975iss now Arabic	1500-1700 SEAs	13610yam now Japanese
0530-0600 WAF	11730iss now French	2100-0100 SEAs	13680yam now Japanese
0530-0600 CAF	13840mdg now French	0200-0400 SWAs	12025yam now Japanese
2030-2100 WAF	7425mdg now French	0400-1000 SWAs	15325yam now Japanese
0059-0120 SWAs	9820tac now Hindi	1000-1200 SWAs	15590yam now Japanese
1430-1500 SWAs	15745mdg now Hindi	1200-1300 SWAs	15460yam now Japanese
1530-1600 SWAs	9600tac now Hindi	1300-1400 SWAs	9470yam now Japanese
1115-1145 SEAs	17820uae now Indonesian	1400-1500 SWAs	17840yam now Japanese
1315-1345 SEAs	13865uae now Indonesian	1700-2000 SWAs	13710yam now Japanese
2130-2200 SEAs	9560yam now Indonesian	2330-0200 SWAs	15330yam now Japanese
0100-0700 As	15195yam now Japanese	1500-1700 AF/SWAs/SoAS	12045yam now Japanese
0200-0300 As FE	11790yam now Japanese	0800-1000 SoWeEUR/WAF	15290iss now Japanese
0700-0800 As	11825yam now Japanese	1700-1900 SoEUR/ceAF/soAF	11945iss now Japanese
0800-1700 As	9750yam now Japanese	1900-2100 CAF	15130iss now Japanese



6190 1400 1430 43,44	YAM 300 290	0 146 Kor J NHK	6195 0930 1000 12,14	GB 250 160	0 216 Spa USA ENC
9560 2209 2230 43,44	YAM 300 290	0 146 Kor J NHK	6195 0930 1000 12,14	GB 250 160	0 216 Spa USA NHK
9760 0815 0845 43,44	YAM 300 290	0 146 Kor J NHK	9560 0330 0400 48,53	MDG 250 320	0 158 Swa MDG NHK
11895 0415 0445 43,44	YAM 300 290	0 146 Kor J NHK	13730 1730 1800 48,53	MDG 250 340	-10 157 Swa MDG NHK
13610 1430 1500 49,50,54	YAM 300 235	0 208 Mya J NHK	13650 2230 2300 49,50,54	YAM 300 235	0 208 Tha J NHK
13650 2330 2400 49,50,54	YAM 300 235	0 208 Mya J NHK	11775 1515 1545 41NW	DHA 250 60	0 206 Urd UAE NHK
6195 0900 0930 12,13,15	GB 250 160	0 216 Por USA NHK	11775 1515 1545 41N	DHA 250 60	0 206 Urd UAE ENC
6195 0900 0930 12,13,15	GB 250 160	0 216 Por USA ENC	13650 2300 2330 49,50,54	YAM 300 235	0 208 Vie J NHK
6165 0430 0500 27,28	NAU 125 85	0 146 Rus D NHK	6090 1130 1200 43,44	YAM 300 290	0 146 Zho J NHK
7355 1100 1130 23,24,33	YAM 300 330	25 208 Rus J NHK	6190 1230 1300 43,44	YAM 300 290	0 146 Zho J NHK
11790 0530 0600 23,24,33	YAM 300 330	25 208 Rus J NHK	6190 1330 1400 43,44	YAM 300 290	0 146 Zho J NHK
5985 0400 0430 10-12	RMI 100 222	0 805 Spa USA NHK	6190 1430 1500 43,44	YAM 300 290	0 146 Zho J NHK
6195 0400 0430 12,14	GB 250 160	0 216 Spa USA NHK	9560 2230 2250 43,44	YAM 300 290	0 146 Zho J NHK
6195 0400 0430 12,14	GB 250 160	0 216 Spa USA ENC	11825 0400 0430 43,44	YAM 300 290	0 146 Zho J NHK

(via wb df5sx, wwdxc BC-DX TopNews March 16)

**KOREA (SOUTH) - KBS WORLD RADIO A21 - Effective 28th March to 30th Oct, 2021:**

Europe	Korean 1	0900 1100 9570	Chinese	2300 2400 7215	
Korean 1	1600 1800 7275	Korean 1	0800 0900 9570	Chinese	1100 1200 1557 (AM)
Korean 1	1700 1900 9515	Chinese	1130 1230 9770	India	
Korean 1	0700 0800 9860	Chinese	2300 2400 9805	English 2	1400 1600 9785
Russian	1300 1400 9645	English 1	0800 1030 9770	Japan	
Russian	1800 1900 9820	English 3	1300 1400 9570	Japanese	0100 0200 9580
English 2	1500 1700 9515	English 3	1600 1700 9640	Japanese	0200 0300 11810
English 3	2200 2300 11810	Indonesian	1200 1300 9570	Buenos Aires	
English 4	2200 2230 WRN	Indonesian	1400 1500 9570	Spanish	0900 0955 94.7
English 4	1330 1400 WRN	Indonesian	1600 1700 9805	(FM) (Mo-Fr)	
French	1900 2000 6145	Indonesian	2200 2300 9805	Non Direction	
German	2000 2100 3955	Vietnamese	2300 2330 7275	Korean 1	0900 1100 7275
Spanish	1800 1900 9740	Vietnamese	1030 1100 9770	Korean 1	1000 1100 1170 (AM)
North America		Vietnamese	1530 1600 9640	Korean 1	1100 1200 7275
Korean 1	1400 1500 15575	Middle East/Africa		Japanese	0800 0900 7275
English 3	1300 1400 15575	Korean 1	1600 1700 9740	Japanese	0800 0900 6155
Spanish	0200 0300 15575	Korean 1	1700 1800 9740	Japanese	1000 1100 9805
South America		Korean 1	0900 1000 15160	Japanese	1100 1200 1170 (AM)
Korean 2	0300 0400 11810	Arabic	2000 2100 6090	Russian	1200 1300 1170 (AM)
English 3	0200 0300 9580	Arabic	1700 1800 WRN	Chinese	1300 1400 1170 (AM)
Spanish	0100 0200 11810	French	2000 2100 5950	Chinese	1300 1400 7275
Spanish	0100 0200 11880	(Issoudun)			
Spanish	1100 1200 11795	China			
Southeast Asia		Chinese	1130 1230 6095		

Submit Reception reports at: <[https://world.kbs.co.kr/service/about\\_report.htm?lang=e](https://world.kbs.co.kr/service/about_report.htm?lang=e)>  
(Alokesch Gupta, New Delhi)

**KOREA (NORTH) - Am 28.03.2021, um 03:00 UTC, führte die STIMME KOREAS, Pyongyang, DVR Korea, seinen Sommersendeplan (A21) ein. Deutsch kommt:**

1600-1655 UTC 9425 12015 kHz  
 1800-1855 UTC 9425 12015 kHz  
 1900-1955 UTC 9425 12015 kHz

Änderungen gegenüber der Vorjahressendeperiode A20 gibt es im gesamten Sommersendeplan nicht.  
(Arnulf Piontek)

**MADAGASCAR - MWV A21 - Effective March 28 to October 30, 2021:**

MWV TX2  
 0300-0400 6180 250 SPN South America  
 0400-0500 11825 295 ENG Central Africa  
 1800-1900 9880 355 RUS Euro Rus  
 1900-2000 9845 355 RUS Euro Rus  
 2000-2100 13710 355 ARA Central Mid East.



2100-2200 11610 325 CHN Europe

MWV TX3

0300-0400 13760 40 ENG India  
 0400-0500 17530 55 CHN S.China  
 1800-1900 13670 310 ENG Central Africa (N)  
 1900-2000 13670 340 ARA Central Mid East.  
 2000-2100 11965 295 ENG Central Africa  
 2100-2200 9765 265 PORT Brazil

Reception reports to: <mwvradio@gmail.com>, <info@worldchristian.org>, <wcbctn@worldchristian.org>  
 (Alokesh Gupta, New Delhi)

**MALI** - CRI Africa relay site Bamako Mali in A-21 summer season. No 41 mb 7295 kHz non-dir ITU#925 NVIS antenna, steep angle transmission anymore.

11640	1800	1830	46E	BKO	100	85	206	Hau	MLI	CRI	RTC
11640	1830	1930	47E,48NW	BKO	100	85	206	Ara	MLI	CRI	RTC
11640	1930	2000	53NW	BKO	100	111	216	Por	MLI	CRI	RTC
11640	2000	2100	53	BKO	100	111	216	Eng	MLI	CRI	RTC
11640	2100	2130	53	BKO	100	111	216	Eng	MLI	CRI	RTC
11975	2130	2230	37	BKO	100	20	216	Fra	MLI	CRI	RTC
13630	1930	2000	53NW	BKO	100	111	206	Por	MLI	CRI	RTC
13630	2000	2100	53	BKO	100	111	206	Eng	MLI	CRI	RTC
13630	2100	2130	53	BKO	100	111	206	Eng	MLI	CRI	RTC
13630	2130	2230	53	BKO	100	111	216	Fra	MLI	CRI	RTC
13645	1700	1800	48SW,53NW	BKO	100	111	206	Swa	MLI	CRI	RTC
13645	1800	1830	46E	BKO	100	111	206	Hau	MLI	CRI	RTC
13685	1310	1400	53	BKO	100	111	206	Fra	MLI	CRI	RTC
13685	1400	1500	53	BKO	100	111	206	Eng	MLI	CRI	RTC
13685	1500	1600	53	BKO	100	111	206	Eng	MLI	CRI	RTC
13685	1830	1930	37	BKO	100	20	216	Ara	MLI	CRI	RTC
15125	1600	1700	47E,48NW	BKO	100	85	206	Ara	MLI	CRI	RTC
15125	1700	1800	48SW,53NW	BKO	100	111	216	Swa	MLI	CRI	RTC
17630	1400	1500	47E,48	BKO	100	85	206	Eng	MLI	CRI	RTC
17630	1500	1600	47E,48	BKO	100	85	206	Eng	MLI	CRI	RTC
17880	1310	1400	53	BKO	100	111	216	Fra	MLI	CRI	RTC
17880	1600	1700	37	BKO	100	20	216	Ara	MLI	CRI	RTC

(hfcc.org March 16)

**MOLDOVA** - Radiotelecentr (PRTC) transmitter Grigoriopol Maiac in Pridnestrovie canton in eastern Moldova.  
 Requested shortwave fq schedule in A-21 season:

5940	2000	2100	37S	300	240	156	Mu1	MDA	NEW	RAM	11530	0230	0600	39,40	300	130	218	Kur	MDA	BRB	BRB
6010	2000	2100	37S	300	240	156	Mu1	MDA	NEW	RAM	11530	0600	0800	39,40	300	130	218	Kur	MDA	BRB	BRB
7350	0230	0600	39,40	300	130	218	Kur	MDA	BRB	BRB	11530	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB
7360	0330	0600	39,40	300	130	218	Kur	MDA	BRB	BRB	11530	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB
7455	1600	2100	39,40	300	116	218	Kur	MDA	BRB	BRB	11530	1600	2100	39,40	300	116	218	Kur	MDA	BRB	BRB
7455	1625	1700	40	300	116	218	Mu1	MDA	NEW	RAM	11540	0230	0600	39,40	300	130	218	Kur	MDA	BRB	BRB
7455	1700	1900	40	300	116	218	Mu1	MDA	NEW	RAM	11540	0600	0800	39,40	300	130	218	Kur	MDA	BRB	BRB
7485	0230	0330	40	300	116	218	Fas	MDA	BBC	ENC	11540	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB
7590	1600	1630	41	300	116	218	Mu1	MDA	NEW	RAM	11540	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB
9525	0230	0600	39,40	300	130	218	Kur	MDA	BRB	BRB	11540	1600	2100	39,40	300	116	218	Kur	MDA	BRB	BRB
9525	0600	0800	39,40	300	130	218	Kur	MDA	BRB	BRB	11655	0320	0350	48	300	155	156	Mu1	MDA	NEW	RAM
9525	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB	11760	1630	1700	39,47E,48,53	300	158	237	Mu1	MDA	NEW	RAM
9525	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB	11780	1600	1700	39,47E,48,53	300	158	237	Mu1	MDA	NEW	RAM
9525	1600	2100	39,40	300	116	218	Kur	MDA	BRB	BRB	11780	1700	1730	39,47E,48,53	300	158	237	Mu1	MDA	NEW	RAM
9550	0230	0600	39,40	300	130	218	Kur	MDA	BRB	BRB	11800	1700	1800	48,53	300	158	156	Mu1	MDA	NEW	RAM
9550	0600	0800	39,40	300	130	218	Kur	MDA	BRB	BRB	11805	1530	1600	32W,42,43NW	300	70	156	Mu1	MDA	NEW	RAM
9550	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB	11905	1700	1800	48,53	300	158	156	Mu1	MDA	NEW	RAM
9550	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB	11965	1430	1500	40	300	116	218	Mu1	MDA	NEW	RAM
9550	1600	2100	39,40	300	116	218	Kur	MDA	BRB	BRB	13710	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB
9610	1600	1700	41	300	116	218	Mu1	MDA	NEW	RAM	13710	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB
9940	0300	0400	48	300	155	156	Mu1	MDA	NEW	RAM	13730	0800	1330	39,40	300	130	218	Kur	MDA	BRB	BRB
9940	1600	1700	41	300	116	218	Mu1	MDA	NEW	RAM	13730	1330	1600	39,40	300	116	218	Kur	MDA	BRB	BRB
9940	1800	1900	39,47E,48,53	300	158	156	Mu1	MDA	NEW	RAM	13870	1345	1545	41	300	98	237	Mu1	MDA	NEW	RAM

15105 1630 1700 39,47E,48,53 300 160 237 Mu1 MDA NEW RAM	15755 1300 1600 41	300 98 237 Mu1 MDA NEW RAM
15170 0600 0800 39,40 300 130 218 Kur MDA BRB BRB	17860 0600 0800 39,40	300 130 218 Kur MDA BRB BRB
15170 0800 1330 39,40 300 130 218 Kur MDA BRB BRB	17860 0800 1330 39,40	300 130 218 Kur MDA BRB BRB
15170 1330 1600 39,40 300 116 218 Kur MDA BRB BRB	17860 1330 1600 39,40	300 116 218 Kur MDA BRB BRB
15175 0600 0800 39,40 300 130 218 Kur MDA BRB BRB	17870 0600 0800 39,40	300 130 218 Kur MDA BRB BRB
15175 0800 1330 39,40 300 130 218 Kur MDA BRB BRB	17870 0800 1330 39,40	300 130 218 Kur MDA BRB BRB
15175 1330 1600 39,40 300 116 218 Kur MDA BRB BRB	17870 1330 1600 39,40	300 116 218 Kur MDA BRB BRB
15710 1630 1700 39,47E,48,53 300 160 237 Mu1 MDA NEW RAM		

(hfcc.org March 16)

**MONGOLIA** - 12084.8 kHz on March 13 at 0900 UT. Die Voice of Mongolia aus Ulaanbaatar ist vormittags schwach auf 12084,8 kHz zu hoeren. Zwischen 09.00 - 09.30 UT wird das englische Programm uebertragen. (Christoph Ratzer-AUT OE2CRM, A-DX / wor March 22)

12084.876 kHz at 10.30-11.00 UT Japanese, March 22 at 10.20 UT Chinese, VoMongolia Ulanbataar 250 kW at 116 degrees azimuth to Far East Asia, checked at Hiroshima and Tokyo remotely on worldwide Perseus Net.

09.00-09.28 UT English broadcast schedule shows 178degr azimuth antenna instead towards SEAsia target.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews March 22)

**NEW ZEALAND** - RNZI A21 - 28 Mar 2021 - 30 Oct 2021:

0559-0758	11725	Pacific	Daily
0759-0958	7245	Pacific	Daily
0959-1258	7245	NW Pacific/Solomon Isl / PNG	Mo - Fr
1259-1650	6170	Pacific	Su - Fr
1259-1858	6170	Pacific	Sat
1651-1835	6115	Tonga Niue Samoa Cook Islands	Su - Fr DRM
1836-1958	9760	Tonga Niue Samoa Cook Islands	Su - Fr DRM
1859-1958	11725	Pacific	Sa
1958-2258	13840	Pacific	Daily
2259-0558	15720	Pacific	Daily

Submit reception reports at: <<https://www.rnz.co.nz/international/qsl/new>> (Alokesh Gupta)

**PHILIPPINES** - 15190 kHz R. Pilipinas. Special coverage of the joint meeting of the National Task Force and Regional Task Force to end local communist armed conflict.

Thanks to Jose Ronaldo Xavier (Brazil) for reporting the reactivation of the frequency that had been off the air for quite a while; heard on March 19, with strong test tone at 1728 UT; at 1730, choral National Anthem; prayer regarding COVID-19; ID + schedule + frequencies; special program, preempting regular programs; 1733-1815 UT, with speech by President Rodrigo Roa Duterte before the joint meeting of the National Task Force and Regional Task Force to end local communist armed conflict; anticommunist speech; flowing between English and Filipino/Tagalog; Internet coverage of the entire event - <<http://bit.ly/38YA2au>>

Noted // 9925 // 12120 kHz, both poor. via US AGM relay site Tinang-PHL. (Ron Howard-CA-USA, March 19)

**ROMANIA** - RRI Bucharest A-21 schedule, of March 16 acc. to hfcc.org database:

9660 0630 0700 39NW	GAL 300 140 286	1234567 Ara RRO ROU	12158
9740 0630 0700 37	TIG 300 247 288	1234567 Ara RRO ROU	3770
11790 0630 0700 39NW	GAL 300 140 286	1234567 Ara RRO ROU	3827
11980 0630 0700 37	TIG 300 247 288	1234567 Ara RRO ROU	3829
11700 1200 1230 39NW	GAL 300 140 286	1234567 Ara RRO ROU	3747
13750 1200 1230 37	TIG 300 247 288	1234567 Ara RRO ROU	3774
15130 1200 1230 39NW	TIG 300 142 288	1234567 Ara RRO ROU	12169
15320 1200 1230 37	GAL 300 245 286	1234567 Ara RRO ROU	12170
9810 1530 1600 39NW	GAL 300 140 286	1234567 Ara RRO ROU	3785
11830 1530 1600 37	TIG 300 247 286	1234567 Ara RRO ROU	3784

11900	1530	1600	39NW	GAL	300	140	286	1234567	Ara	RR0	ROU	3750	
13660	1530	1600	37	TIG	300	247	288	1234567	Ara	RR0	ROU	3769	
7325	0600	0630	28NW	TIG	90	307	205	1234567	Deu	RR0	ROU	3823	DRM
9700	0600	0630	28NW	TIG	300	307	205	1234567	Deu	RR0	ROU	3740	
9600	1400	1500	28NW	TIG	300	300	205	1234567	Deu	RR0	ROU	3739	
11880	1400	1500	28NW	TIG	300	300	205	1234567	Deu	RR0	ROU	12165	
7245	1800	1900	28NW	TIG	90	307	205	1234567	Deu	RR0	ROU	12155	DRM
9570	1800	1900	28NW	TIG	300	307	205	1234567	Deu	RR0	ROU	3804	
7375	0000	0100	8	TIG	300	307	288	1234567	Eng	RR0	ROU	3760	
9550	0000	0100	8	TIG	300	307	288	1234567	Eng	RR0	ROU	12131	
7375	0300	0400	6	TIG	300	337	288	1234567	Eng	RR0	ROU	3764	
9850	0300	0400	6	TIG	300	337	288	1234567	Eng	RR0	ROU	3810	
11825	0300	0400	41	GAL	300	100	286	1234567	Eng	RR0	ROU	3748	
15330	0300	0400	41	GAL	90	100	286	1234567	Eng	RR0	ROU	12172	DRM
6015	0530	0600	27N	GAL	300	300	206	1234567	Eng	RR0	ROU	3814	
7325	0530	0600	27N	TIG	90	307	206	1234567	Eng	RR0	ROU	3822	DRM
17760	0530	0600	55, 58, 59	GAL	300	100	288	1234567	Eng	RR0	ROU	3759	
21550	0530	0600	55, 58, 59	TIG	300	97	288	1234567	Eng	RR0	ROU	12177	
13750	1100	1200	27N	TIG	300	307	288	1234567	Eng	RR0	ROU	3773	
15130	1100	1200	27N	TIG	300	307	288	1234567	Eng	RR0	ROU	3778	
15320	1100	1200	48W	GAL	300	165	286	1234567	Eng	RR0	ROU	3780	
17670	1100	1200	48W	GAL	300	165	286	1234567	Eng	RR0	ROU	3758	
9760	1700	1800	27N	TIG	90	307	205	1234567	Eng	RR0	ROU	3783	DRM
11850	1700	1800	27N	TIG	300	307	288	1234567	Eng	RR0	ROU	3803	
7315	2030	2100	27N	GAL	90	300	206	1234567	Eng	RR0	ROU	3808	DRM
9740	2030	2100	27N	GAL	300	300	206	1234567	Eng	RR0	ROU	12160	
11850	2030	2100	8	TIG	300	307	288	1234567	Eng	RR0	ROU	3749	
13650	2030	2100	8	TIG	300	307	288	1234567	Eng	RR0	ROU	3767	
5945	2200	2300	27N	GAL	300	300	206	1234567	Eng	RR0	ROU	3787	
7310	2200	2300	27N	GAL	300	300	206	1234567	Eng	RR0	ROU	3800	
7325	2200	2300	45N	TIG	300	52	288	1234567	Eng	RR0	ROU	3734	
9790	2200	2300	45N	TIG	300	52	288	1234567	Eng	RR0	ROU	3743	
7375	0100	0200	4, 8	TIG	300	307	288	1234567	Fra	RR0	ROU	3762	
9550	0100	0200	4, 8	TIG	300	307	288	1234567	Fra	RR0	ROU	12132	
7325*	0500	0530	27SE	GAL	90	285	206	1234567	Fra	RR0	ROU	3821	DRM
* but on RRI colourful leaflet 6015 kHz DRM mode instead.													
9660	0500	0530	27SE	GAL	300	285	206	1234567	Fra	RR0	ROU	12157	
15340	0500	0530	47, 52	TIG	300	187	288	1234567	Fra	RR0	ROU	3757	
17520	0500	0530	47, 52	TIG	300	187	288	1234567	Fra	RR0	ROU	3813	
11650	1000	1100	27SE	GAL	300	285	286	1234567	Fra	RR0	ROU	3746	
13790	1000	1100	37	TIG	300	247	288	1234567	Fra	RR0	ROU	3777	
15130	1000	1100	37	TIG	300	247	288	1234567	Fra	RR0	ROU	3756	
15150	1000	1100	27SE	GAL	300	285	206	1234567	Fra	RR0	ROU	3812	
9500	1600	1700	27SE	GAL	300	285	206	1234567	Fra	RR0	ROU	3824	
11975	1600	1700	27SE	GAL	300	285	286	1234567	Fra	RR0	ROU	3782	
7315	2000	2030	27SE	GAL	90	285	206	1234567	Fra	RR0	ROU	3807	DRM
9575	2000	2030	27SE	GAL	300	285	206	1234567	Fra	RR0	ROU	12156	
9520	1400	1430	28SW	TIG	100	270	812	1234567	Ita	RR0	ROU	3738	
5910	1600	1630	28SW	TIG	100	270	812	1234567	Ita	RR0	ROU	3725	
5910	1800	1830	28SW	TIG	30	270	812	1234567	Ita	RR0	ROU	3818	DRM
7420	0000	0200	8	GAL	300	310	286	1234567	Ron	RR0	ROU	3806	
9730	0000	0200	8	GAL	300	310	286	1234567	Ron	RR0	ROU	12159	
6015	0400	0500	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	12154	
7325	0400	0500	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3798	
9490	1200	1300	28NW	TIG	100	300	812	1234567	Ron	RR0	ROU	3791	
11950	1300	1500	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3752	
15340	1300	1500	27SE	GAL	300	285	286	1234567	Ron	RR0	ROU	12173	
7265	1600	1700	39NW	TIG	300	142	288	1234567	Ron	RR0	ROU	3790	
9590	1600	1700	39NW	TIG	300	142	288	1234567	Ron	RR0	ROU	3805	
9500	1700	1800	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3735	
11975	1700	1800	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3753	
9500	1800	1900	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3736	

11975	1800	1900	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3754	
9500	1900	2000	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3737	
11975	1900	2000	27SE	GAL	300	285	206	1234567	Ron	RR0	ROU	3755	
5910	1430	1500	28SW	TIG	100	240	812	1234567	Rup	RR0	ROU	3722	
5910	1630	1700	28SW	TIG	100	240	812	1234567	Rup	RR0	ROU	3726	
5910	1830	1900	28SW	TIG	100	240	812	1234567	Rup	RR0	ROU	3729	
6190	0430	0500	29	TIG	300	37	205	1234567	Rus	RR0	ROU	3797	
7305	0430	0500	29	TIG	90	37	288	1234567	Rus	RR0	ROU	3820	DRM
11940	1300	1400	31S	TIG	300	52	288	1234567	Rus	RR0	ROU	3768	
13610	1300	1400	31S	TIG	300	52	288	1234567	Rus	RR0	ROU	12166	
9580	1500	1530	29	TIG	90	37	288	1234567	Rus	RR0	ROU	3825	DRM
11810	1500	1530	29	TIG	300	37	205	1234567	Rus	RR0	ROU	12164	
9700	0200	0300	10	TIG	300	307	288	1234567	Spa	RR0	ROU	3809	
11780	0200	0300	10	TIG	300	307	288	1234567	Spa	RR0	ROU	12163	
11945	0200	0300	14	GAL	300	245	286	1234567	Spa	RR0	ROU	3751	
15330	0200	0300	14	GAL	300	245	286	1234567	Spa	RR0	ROU	12171	
9610	1900	2000	37N	TIG	300	262	288	1234567	Spa	RR0	ROU	3816	
11850	1900	2000	37N	TIG	300	262	288	1234567	Spa	RR0	ROU	3796	
11650	2100	2200	14	TIG	300	247	288	1234567	Spa	RR0	ROU	3817	
13750	2100	2200	14	TIG	90	247	288	1234567	Spa	RR0	ROU	12167	DRM
9760	2300	2400	12N	GAL	300	280	286	1234567	Spa	RR0	ROU	3741	
11650	2300	2400	14	TIG	300	247	288	1234567	Spa	RR0	ROU	12161	
11730	2300	2400	12N	GAL	300	280	286	1234567	Spa	RR0	ROU	3838	
13750	2300	2400	14	TIG	300	247	288	1234567	Spa	RR0	ROU	12168	
5910	1530	1600	28S	TIG	100	270	812	1234567	Srp	RR0	ROU	3724	
5910	1730	1800	28S	TIG	100	270	812	1234567	Srp	RR0	ROU	3728	
5910	1930	2000	28S	TIG	100	270	812	1234567	Srp	RR0	ROU	3731	
5910	1500	1530	29SW	TIG	100	30	812	1234567	Ukr	RR0	ROU	3723	
5910	1700	1730	29SW	TIG	100	30	812	1234567	Ukr	RR0	ROU	3727	
5910	1900	1930	29SW	TIG	100	30	812	1234567	Ukr	RR0	ROU	3730	
15220	0400	0430	43,44	TIG	300	67	288	1234567	Zho	RR0	ROU	3835	
17760	0400	0430	43,44	TIG	90	67	288	1234567	Zho	RR0	ROU	12175	DRM
15160	1230	1300	43,44	TIG	300	67	288	1234567	Zho	RR0	ROU	3833	
17570	1230	1300	43,44	TIG	300	67	288	1234567	Zho	RR0	ROU	12174	

Romanian on Sundays only:

11790	0700	0800	39NW	GAL	300	140	205	1	Ron	RR0	ROU	3828	
13750	0700	0800	39NW	TIG	300	142	208	1	Ron	RR0	ROU	12204	
15200	0700	0800	39NW	GAL	300	110	286	1	Ron	RR0	ROU	3834	
17780	0700	0800	39NW	TIG	300	112	286	1	Ron	RR0	ROU	12176	
11650	0800	0900	38E	GAL	300	165	286	1	Ron	RR0	ROU	3744	
11990	0800	0900	39NW	TIG	300	142	288	1	Ron	RR0	ROU	3772	
13790	0800	0900	39NW	TIG	300	142	205	1	Ron	RR0	ROU	3775	
15200	0800	0900	38E	GAL	300	165	286	1	Ron	RR0	ROU	3786	
11650	0900	1000	27SE	GAL	300	285	286	1	Ron	RR0	ROU	3745	
13790	0900	1000	37	TIG	300	247	288	1	Ron	RR0	ROU	3776	
15130	0900	1000	37	TIG	300	247	288	1	Ron	RR0	ROU	3766	
15150	0900	1000	27SE	GAL	300	285	206	1	Ron	RR0	ROU	3811	

(hfcc.org March 16/wb)

**SINGAPORE** - Frequency Management Organisation - ENC Encompass Digital Media Services, replacing Babcock.

Requests of ENC, via Singapore Kranji. I guess these are VEILED services of NGO organisations ? towards Korea in Korean or Japanese lang ?

9560	1300	1330	44NE	SNG	250	25	0	207	1234567	Kor	ENC	ENC	
9560	1330	1357	44NE	SNG	250	25	0	207	1234567	Jpn	ENC	ENC	
9560	1430	1500	44NE	SNG	250	25	0	207	1234567	Jpn	ENC	ENC	
9560	1500	1530	44NE	SNG	250	25	0	207	1234567	Kor	ENC	ENC	
9560	1530	1600	44NE	SNG	250	25	0	207	1234567	Kor	ENC	ENC	
9560	1600	1630	44NE	SNG	250	25	0	207	1234567	Jpn	ENC	ENC	
9560	1630	1700	44NE	SNG	250	25	0	207	1234567	Kor	ENC	ENC	
3915	2200	2400	43SE, 44SW, 49E	SNG	250	0	20	345	1234567	Eng	BBC	ENASE_E	

3960	2200	2400	43SE, 44SW, 49E	SNG	250	0	20	345	1234567	Eng	BBC	ENASE_E
5890	2200	2400	43SE, 44SW, 49E	SNG	125	13	-12	207	1234567	Eng	BBC	ENASE_E
6195	1000	1200	49W	SNG	125	0	20	146	1234567	Eng	BBC	ENASE_W
6195	1000	1200	51W, 54	SNG	125	90	0	700	1234567	Eng	BBC	ENASE_S
6195	2200	2400	51W, 54	SNG	125	90	0	700	1234567	Eng	BBC	ENASE_S
6195	2200	2400	49W	SNG	125	0	20	146	1234567	Eng	BBC	ENASE_W
7355	1530	1830	44NE	SNG	250	25	0	207	1234567	Kor	BBC	KOREA
7465	1330	1400	49NW	SNG	250	340	0	146	1234567	Mya	BBC	BURMA
7465	1400	1500	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
7465	1500	1600	40E, 41NW	SNG	250	315	0	207	1234567	Pus	BBC	PASHA
7465	1600	1630	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
7465	1630	1700	40E, 41NW	SNG	250	315	0	207	17	Prs	BBC	DARIA
7465	1630	1700	40E, 41NW	SNG	250	315	0	207	23456	Pus	BBC	PASHA
7465	1700	1800	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
7465	1800	1900	40E, 41NW	SNG	250	315	0	207	1234567	Pus	BBC	PASHA
7485	1500	1700	30S, 39NE, 40	SNG	250	315	-25	207	1234567	Eng	BBC	ENEUM
7485	1700	1900	30S, 39NE, 40	SNG	125	315	-25	207	1234567	Eng	BBC	ENEUM
9410	1000	1200	51W, 54	SNG	125	135	0	547	1234567	Eng	BBC	ENASE_S
9410	1000	1200	43SE, 44SW, 49E	SNG	125	13	-12	146	1234567	Eng	BBC	ENASE_E
9445	1630	1700	41NE	SNG	250	320	-20	146	1234567	Ben	BBC	BENGA
9510	1330	1400	41NE	SNG	250	320	-20	147	1234567	Ben	BBC	BENGA
9585	1330	1400	49NW	SNG	125	340	0	145	1234567	Mya	BBC	BURMA
9900	0000	0030	49NW	SNG	250	340	0	145	1234567	Mya	BBC	BURMA
9900	1000	1200	51W, 54	SNG	125	135	0	547	1234567	Eng	BBC	ENASE_S
9900	1000	1200	43SE, 44SW, 49E	SNG	125	13	-12	146	1234567	Eng	BBC	ENASE_E
9900	1400	1500	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
9900	1500	1600	40E, 41NW	SNG	250	315	0	207	1234567	Pus	BBC	PASHA
9900	1600	1630	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
9900	1630	1700	40E, 41NW	SNG	250	315	0	207	23456	Pus	BBC	PASHA
9900	1630	1700	40E, 41NW	SNG	250	315	0	207	17	Prs	BBC	DARIA
9900	1700	1800	40E, 41NW	SNG	250	315	0	207	1234567	Prs	BBC	DARIA
9900	1800	1900	40E, 41NW	SNG	250	315	0	207	1234567	Pus	BBC	PASHA
11700	0000	0030	49NW	SNG	125	340	0	207	1234567	Mya	BBC	BURMA
11945	1000	1100	49W	SNG	125	340	0	207	1234567	Eng	BBC	ENASE_W
11945	1100	1200	49W	SNG	125	330	15	147	1234567	Eng	BBC	ENASE_W
12065	0100	0200	41, 42SW	SNG	125	320	-20	145	1234567	Eng	BBC	ENASS
12065	1300	1400	41, 42SW	SNG	250	320	-20	147	1234567	Eng	BBC	ENASS
15145	1200	1300	43E, 44	SNG	125	13	-12	147	1234567	Eng	BBC	ENASE_F
15620	0759	0900	41	SNG	100	315	0	547	1234567	Eng	BBC	DRM_ASI

(HFCC March 16, A-21 season)

### SPAIN - Summer A-21 frequency changes of Radio Exterior de Espana:

1400-2200	NF15520	NOB	200	kW	110	deg	to	NE/ME	Sa/Su,	ex12030
1400-2200	NF17855	NOB	200	kW	290	deg	to	ENAm	Sa/Su,	ex 9690
1500-2300	NF15520	NOB	200	kW	110	deg	to	NE/ME	Mo-Fr,	ex12030
1800-2400	NF17855	NOB	200	kW	290	deg	to	ENAm	Mo-Fr,	ex 9690
0000-0200	NF17855	NOB	200	kW	290	deg	to	ENAm	Tue-Sa,	ex 9690
1400-2200	11670	NOB	200	kW	161	deg	to	WCAf	Sa/Su	NO CHANGE
1400-2200	11940	NOB	200	kW	230	deg	to	SAm	Sa/Su	NO CHANGE
1500-2300	11670	NOB	200	kW	161	deg	to	WCAf	Mo-Fr	NO CHANGE
1800-2400	11940	NOB	200	kW	230	deg	to	SAm	Mo-Fr	NO CHANGE
0000-0200	11940	NOB	200	kW	230	deg	to	SAm	Tue-Sa	NO CHANGE

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 22)

REE Madrid's Spanish radio programs in Russian language are on the air again. March 19th from 18:00 UTC at 12030 kHz (winter B-20) with very loud sound. During the summer season, their broadcasts are scheduled on Mondays, Wednesdays and Fridays from 17.00 to 17.30 UTC on a frequency of 15520 kHz

(Rumen Pankov-BUL, via Anatoly Klepov-RUS, RUSdx #1125 March 21)

**TAIWAN** - RTI Taiwan back on summer frequency 9405 kHz. Weak to fair reception in the U.K. on 9405 via Taipei

Tamsui transmitter at 285 degrees English for South Asia and Middle East 16.00-17.00 UT.  
 Heavy splash from Brother Stair via Kostinbrod BUL on 9400 kHz and very weak CNR on 9410 kHz. 9405 kHz replaces winter freq. 6185 kHz which was blocked here by the Vatican for the first 40 minutes.  
 (Alan Holder G4ZBH, Isle of Wight, U.K., wor March 6)

Summer A-21 frequency changes of Radio Taiwan International:

0800-0900	NF11745	PAO	100 kW	045 deg	to JPN	Japanese,	ex11695
0900-1000	12005	PAO	100 kW	225 deg	to SEAs	Amoy,	new for A-21
1000-1030	NF12005	PAO	100 kW	225 deg	to SEAs	Cantonese,	ex 9735
1000-1100	NF 9610	PAO	300 kW	002 deg	to EAs	Chinese,	ex 7300
1030-1100	9570	TSH	300 kW	002 deg	to NEAs	Korean,	new for A-21
1030-1100	NF12005	PAO	100 kW	225 deg	to SEAs	Hakka,	ex 9735
1100-1200	NF11610	PAO	300 kW	230 deg	to EAs	Chinese,	ex 7235
2200-2230	9490	TSH	300 kW	002 deg	to NEAs	Korean,	new for A-21
2300-2330	11610	PAO	300 kW	045 deg	to NEAs	Korean,	new for A-21

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 31)

**TURKEY** - TRT Ankara A-21 request schedule, Emirler bcast center:

Language sorted schedule

11750	0900	1000	39, 38E	EMR	500	120	-30	205	Ara
9540	1400	1500	38E, 39	EMR	500	138	0	215	Ara
17770	1400	1500	37, 38W, 46	EMR	500	252	0	211	Ara
11730	0700	0800	29SE, 39NE, 40NW	EMR	500	72	0	205	Aze
9505	1530	1630	29SE, 39NE, 40, 41N	EMR	500	97	25	205	Aze
7210	1100	1130	28SE	EMR	250	300	25	205	Bu1
13760	1130	1230	28, 27SE	EMR	500	310	0	211	Deu
9840	1730	1830	28W, 27E	EMR	500	310	0	205	Deu
6165	0300	0400	38E, 39, 40W	EMR	250	138	0	215	Eng
7275	0300	0400	6E, 7-11, 27, 28W	EMR	500	325	0	219	Eng
15450	1230	1330	18S, 27, 28W	EMR	500	310	-8	205	Eng
15520	1630	1730	30S, 40E, 41N	EMR	500	95	-10	215	Eng
5945	1830	1930	27, 28	EMR	500	310	0	205	Eng
9875	2030	2130	39-41, 49, 54, 55, 58-60	EMR	500	105	7	219	Eng
9830	2200	2300	5, 8, 9, 11N, 17, 18, 27, 28W	EMR	500	310	0	215	Eng
11795	0830	1000	40	EMR	500	105	0	205	Fas
9765	1500	1600	40, 39NE	EMR	250	105	0	205	Fas
7360	1730	1830	38, 47, 48, 52, 53	EMR	500	210	30	216	Fra
9635	1930	2030	27S, 28W, 37N	EMR	500	300	0	205	Fra
9880	1930	2030	37, 38W, 46	EMR	500	252	-10	211	Fra
13765	0500	0700	38, 46E, 47	EMR	500	210	30	216	Hau
9610	1400	1430	28S, 37N	EMR	500	290	10	210	Ita
9655	1000	1100	29SE, 39NE	EMR	500	72	0	205	Kat
11825	1330	1400	30, 31	EMR	500	62	-10	211	Kaz
17720	0400	0500	54N, 49	EMR	500	105	7	219	Mly
11765	1500	1630	40, 41	EMR	500	100	0	205	PbtPbu
11965	1300	1400	19-22, 29, 30N	EMR	500	20	20	205	Rus
7260	0100	0200	8S, 10S, 11, 12, 27S, 37N	EMR	500	290	0	219	Spa
9870	0100	0200	12S, 13-15, 16N, 37	EMR	500	252	0	219	Spa
11930	1630	1730	27S, 28, 37N	EMR	500	290	10	210	Spa
11740	1000	1030	30W, 29E	EMR	500	32	-10	215	Tat
15285	1200	1230	29SE, 30S, 40N	EMR	500	72	0	211	Tuk
7360	0000	0200	42, 43	EMR	500	72	-10	217	Tur
6040	0400	0600	39N	EMR	500	138	0	215	Tur
9770	0400	0600	18S, 27, 28	EMR	500	310	0	215	Tur
11750	0600	0900	29S, 30S, 40	EMR	500	75	0	205	Tur
11675	0600	1200	38E, 39, 40W	EMR	500	120	-30	205	Tur
11955	0600	1200	38E, 39, 40W	EMR	500	150	0	205	Tur
13635	0600	1300	27, 28	EMR	500	310	0	215	Tur
9840	1300	1600	27, 28	EMR	500	310	0	215	Tur
5960	1600	2100	38E, 39, 40W	EMR	500	150	0	205	Tur

9460	1600	2100	27,28	EMR	500	310	0	215	Tur
9465	0200	0300	42,43	EMR	500	72	0	211	Uig
15410	1230	1330	42,43	EMR	500	72	0	211	Uig
15380	1200	1300	40,41N	EMR	500	95	-10	215	Urd
15235	1030	1100	30S,40N	EMR	500	72	0	211	Uzb
17620	1100	1200	42-44	EMR	500	72	-10	217	Zho

(A-21 schedule, March 16)

**U.A.E. [Abu Dhabi]** - Abu Dhabi Media A-21 schedule at Al Dhabbaya site 4 x 500 kW ? operated half power, by ENC FMO England:

5925	1900	2000	47E,48NW	DHA	250	240	0	146	1234567	Ara	BBC	ENC	ARABA_N
5955	2200	2300	49W	DHA	250	80	0	216	1234567	Eng	ADM	ADM	UAE
5985	0230	0330	40	DHA	250	35	0	803	1234567	Fas	ADM	ADM	UAE
5985	0230	0330	40	DHA	250	35	0	803	1234567	Fas	BBC	ENC	FARSA
6070	0200	0230	41NW	DHA	250	60	0	206	1234567	Urd	ADM	ADM	UAE
6070	0200	0230	41NW	DHA	250	60	0	206	123457	Urd	FEC	ENC	BC21
6070	0200	0300	41NW	DHA	250	60	0	206	6	Urd	FEC	ENC	BC21
6070	0230	0300	41NW	DHA	250	60	0	206	6	Pus	ADM	ADM	UAE
6090	2000	2100	47E,48NW	DHA	250	255	15	146	1234567	Ara	ADM	ADM	UAE
6145	2000	2100	37S	DHA	250	285	-15	146	1234567	Ara	ADM	ADM	UAE
6150	1800	1830	48	DHA	250	215	0	206	17	Tir	FEC	ENC	Tigriny
6150	1800	1830	48	DHA	250	215	0	206	1	Tir	ADM	ADM	UAE
6155	1900	2000	48SW,53NW	DHA	250	220	0	216	1234567	Eng	ADM	ADM	UAE
6180	1700	1730	48S,48NE	DHA	250	215	0	216	1234567	Som	ADM	ADM	UAE
6180	1730	1800	48S,48NE	DHA	250	215	0	216	1234567	Som	ADM	ADM	UAE
6195	1900	2000	48SW,53NW	DHA	250	215	0	216	1234567	Eng	BBC	ENC	ENAFE_E
7225	1600	1830	48	DHA	250	215	0	206	7	Som	ADM	ADM	UAE
7225	1600	1900	48	DHA	250	215	0	206	7	Som	BBC	ENC	SOMLA
7290	0100	0130	41N,42SW	DHA	250	75	0	206	1234567	Hin	ADM	ADM	UAE
7290	0200	0230	41NW	DHA	250	60	0	216	1234567	Urd	ADM	ADM	UAE
7305	0330	0430	40	DHA	250	35	0	803	1234567	Fas	ADM	ADM	UAE
7325	0200	0230	41NW	DHA	250	60	0	206	123457	Urd	FEC	ENC	BC21
7325	0200	0300	41NW	DHA	250	60	0	206	6	Urd	FEC	ENC	BC21
9410	0100	0130	41N,42SW	DHA	250	70	0	216	1234567	Hin	ADM	ADM	UAE
9410	0200	0230	41NW	DHA	250	60	0	218	1234567	Urd	ADM	ADM	UAE
9410	0300	0500	47E,48NW	DHA	250	255	15	146	1234567	Ara	BBC	ENC	ARABA_N
9410	0300	0500	47E,48NW	DHA	250	255	15	146	1234567	Ara	ADM	ADM	UAE
9410	1800	1900	48SW,53NW	DHA	250	225	-15	146	1234567	Eng	BBC	ENC	ENAFE_E
9410	1800	1900	48SW,53NW	DHA	250	220	0	216	1234567	Eng	ADM	ADM	UAE
9445	1500	1600	41NW	DHA	250	70	-15	146	1234567	Urd	ADM	ADM	UAE
9480	0430	0530	40	DHA	250	45	-15	146	1234567	Fas	ADM	ADM	UAE
9490	2100	2130	46,47	DHA	250	240	0	146	23456	Fra	ADM	ADM	UAE
9490	2100	2130	46-48,52,53	DHA	250	240	0	146	23456	Fra	AGM	AGM	
9540	1615	1630	48W	DHA	250	225	-15	146	1234567	Amh	IBR	ENC	FE31
9540	1630	1700	48W	DHA	250	225	-15	146	1234567	Amh	IBR	ENC	FE04
9555	2300	2400	42,43W	DHA	500	75	-15	218	1234567	Bod	ADM	ADM	UAE
9585	1700	1900	47E,48NW	DHA	250	255	15	146	1234567	Ara	BBC	ENC	ARABA_N
9585	1700	2000	47E,48NW	DHA	250	255	15	146	1234567	Ara	ADM	ADM	UAE
9615	0300	0330	40E,41NW	DHA	250	45	-15	146	1234567	Pus	ADM	ADM	UAE
9630	1700	1730	48W	DHA	250	225	-15	146	1234567	Orm	IBR	ENC	FE06
9630	1700	1730	48W	DHA	250	225	-15	146	1234567	Orm	ADM	ADM	UAE
9630	1730	1800	48W	DHA	250	225	-15	146	1234567	Tir	ADM	ADM	UAE
9630	1730	1800	48W	DHA	250	225	-15	146	1234567	Tir	IBR	ENC	FE05
9655	0330	0345	48W	DHA	250	225	-15	146	5	Sid	TWR	ENC	
9655	0330	0345	48W	DHA	250	225	-15	146	12	Amh	TWR	ENC	
9655	0330	0345	48W	DHA	250	225	-15	146	3	Orm	ADM	ADM	UAE
9655	0330	0345	48W	DHA	250	225	-15	146	126	Amh	ADM	ADM	UAE
9655	0330	0345	48W	DHA	250	225	-15	146	3	Orm	TWR	ENC	
9655	0330	0345	48W	DHA	250	225	-15	146	45	Sid	ADM	ADM	UAE
9685	0330	0430	52,53	DHA	250	15	0	218	1234567	Kin	ADM	ADM	UAE
9720	1800	1830	48	DHA	250	225	-15	146	1234567	Som	ADM	ADM	UAE

9750	0200	0230	41NW	DHA	250	60	0	206	1234567	Urd	ADM	ADM	UAE
9750	0230	0300	41NW	DHA	250	60	0	206	6	Pus	ADM	ADM	UAE
9840	0100	0300	40E, 41NW	DHA	250	45	-15	146	1234567	Pst	ADM	ADM	UAE
9840	0100	0300	40E, 41NW	DHA	250	45	-15	146	1234567	Pst	AGM	AGM	
9880	0430	0530	40	DHA	250	45	-15	146	1234567	Fas	BBC	ENC	FARSA
9895	0230	0300	40E	DHA	250	45	-15	146	1234567	Prs	ADM	ADM	UAE
9895	0230	0300	40E	DHA	250	45	-15	146	1234567	Prs	IBR	ENC	SS31
11655	1600	1630	48NW	DHA	250	230	-30	218	1234567	Aar	IBR	ENC	FE07
11655	1600	1630	48NW	DHA	250	230	-30	218	1234567	Aar	ADM	ADM	UAE
11725	1330	1400	40E, 41NW	DHA	250	45	-15	146	1234567	Prs	ADM	ADM	UAE
11725	1400	1430	40E, 41NW	DHA	250	45	-15	146	1234567	Pus	ADM	ADM	UAE
11760	1030	1100	48	DHA	250	205	0	146	1234567	Som	AGM	AGM	
11775	1515	1545	41N	DHA	250	60	0	206	1234567	Urd	NHK	ENC	
11775	1515	1545	41NW	DHA	250	60	0	206	1234567	Urd	NHK	NHK	
11775	1515	1545	41N	DHA	250	60	0	206	1234567	Urd	ADM	ADM	UAE
11830	1400	1430	49, 50, 54	DHA	250	90	0	218	1234567	Eng	NHK	ENC	
11830	1400	1430	49, 50, 54	DHA	250	90	0	218	1234567	Eng	NHK	NHK	
11850	1500	1600	30S	DHA	250	30	0	218	1234567	Tuk	ADM	ADM	UAE
11850	1600	1700	30SE	DHA	250	50	-10	146	1234567	Tgk	AGM	AGM	
11870	0300	0330	40E, 41NW	DHA	250	45	-15	146	1234567	Pus	BBC	ENC	PASHA
11870	1830	1900	52, 53	DHA	250	225	0	146	23456	Kin	AGM	AGM	
11910	1500	1600	41NW	DHA	250	60	0	146	1234567	Urd	ADM	ADM	UAE
11995	1600	1700	48	DHA	250	230	0	218	1234567	Amh	ADM	ADM	UAE
12085	1500	1600	42, 43W	DHA	250	75	15	146	1234567	Bod	AGM	AGM	
12095	1630	1700	48SW, 53NW	DHA	250	215	0	206	23456	Kin	BBC	ENC	KRWNA
12095	1730	1750	48	DHA	250	230	-30	218	23456	Amh	BBC	ENC	AMHAR
12095	1730	1750	48	DHA	250	230	-30	218	23456	Amh	ADM	ADM	UAE
12095	1750	1810	48	DHA	250	230	-30	218	23456	Orm	BBC	ENC	OROMO
12095	1750	1810	48	DHA	250	230	-30	218	23456	Orm	ADM	ADM	UAE
12095	1810	1830	48	DHA	250	230	-30	218	23456	Tir	BBC	ENC	TGRYA
12095	1810	1830	48	DHA	250	230	-30	218	23456	Tir	ADM	ADM	UAE
13580	0500	0600	48SW, 53NW	DHA	250	225	-15	146	1234567	Eng	ADM	ADM	UAE
13580	0500	0600	48SW, 53NW	DHA	250	225	-15	146	1234567	Eng	BBC	ENC	ENAFE_E
13590	1600	1700	40E, 41NW	DHA	250	45	-15	146	1234567	Pst	ADM	ADM	UAE
13590	1630	1700	47, 48	DHA	250	255	0	146	23456	Eng	AGM	AGM	
13630	1230	1330	49W	DHA	500	85	0	218	1234567	Mya	ADM	ADM	UAE
13630	1830	1900	52, 53	DHA	250	225	0	146	23456	Kin	ADM	ADM	UAE
13660	1330	1400	40E, 41NW	DHA	250	48	0	218	1234567	Prs	ADM	ADM	UAE
13660	1400	1430	40E, 41NW	DHA	250	48	0	218	1234567	Pus	ADM	ADM	UAE
13660	1600	1700	48	DHA	250	225	0	218	1234567	Amh	ADM	ADM	UAE
13750	1630	1700	47, 48	DHA	250	255	0	146	23456	Eng	ADM	ADM	UAE
13770	1600	1700	48	DHA	250	225	0	207	1234567	Amh	ADM	ADM	UAE
13790	0400	0430	48	DHA	250	225	-15	146	1234567	Som	BBC	ENC	SOMLA
13790	1100	1130	48	DHA	250	220	0	206	1234567	Som	BBC	ENC	SOMLA
13810	0500	0600	48SW, 53NW	DHA	250	220	0	206	7	Kin	BBC	ENC	KRWNA
13810	0529	0600	48SW, 53NW	DHA	250	220	0	206	1	Kin	BBC	ENC	KRWNA
13865	1315	1345	54	DHA	250	105	0	218	1234567	Ind	NHK	NHK	
13865	1315	1345	51W, 54	DHA	250	105	15	218	1234567	Ind	NHK	ENC	
15215	1200	1230	41NE	DHA	250	70	-15	146	123	Bod	FEC	ENC	BS26
15215	1200	1230	41NE	DHA	250	70	-15	146	1234567	Bod	ADM	ADM	UAE
15215	1330	1400	40E, 41NW	DHA	250	45	-15	146	1234567	Prs	ADM	ADM	UAE
15215	1400	1430	40E, 41NW	DHA	250	45	-15	146	1234567	Pus	ADM	ADM	UAE
15360	0400	0700	40E, 41NW	DHA	250	45	-15	146	1234567	Urd	ADM	ADM	UAE
15360	0400	0700	40E, 41NW	DHA	250	45	-15	146	1234567	Urd	AGM	AGM	
15365	1300	1330	41NE	DHA	250	80	0	218	1234567	Ben	NHK	ENC	
15365	1300	1330	41	DHA	250	60	0	218	1234567	Ben	NHK	NHK	
15400	0529	0600	46SE	DHA	250	260	0	218	1234567	Hau	ADM	ADM	UAE
15420	0600	0800	48SW, 53NW	DHA	250	220	0	206	1234567	Eng	ADM	ADM	UAE
15420	1100	1130	48	DHA	250	225	-15	146	1234567	Som	BBC	ENC	SOMLA
15420	1100	1130	48	DHA	250	210	0	218	1234567	Som	ADM	ADM	UAE
15420	1300	1600	48	DHA	250	225	-15	146	7	Som	BBC	ENC	SOMLA
15420	1330	1400	48	DHA	250	220	0	206	7	Som	ADM	ADM	UAE



15420	1400	1500	48	DHA	250	225	-15	146	1234567	Som	BBC	ENC	SOMLA
15490	0400	0430	48	DHA	250	220	0	206	1234567	Som	ADM	ADM	UAE
17680	1300	1315	48W	DHA	250	230	-30	218	1567	Aar	ADM	ADM	UAE
17680	1300	1315	48W	DHA	250	230	-30	218	1567	Aar	TWR	ENC	
17745	1100	1130	48	DHA	250	220	0	206	1234567	Som	ADM	ADM	UAE
17745	1100	1600	48	DHA	250	225	0	206	7	Som	BBC	ENC	SOMLA
17745	1130	1600	48	DHA	250	225	0	206	7	Som	ADM	ADM	UAE
17745	1330	1400	48	DHA	250	225	-15	146	7	Som	ADM	ADM	UAE
17745	1400	1500	48	DHA	250	225	-15	146	1234567	Som	BBC	ENC	SOMLA
17745	1400	1500	48	DHA	250	225	-15	146	7	Som	ADM	ADM	UAE
17745	1400	1500	48	DHA	250	225	-15	146	123456	Som	ADM	ADM	UAE
17800	0630	0700	46,47W	DHA	250	260	0	218	1234567	Hau	ADM	ADM	UAE
17820	1115	1145	51W,54	DHA	250	105	15	218	1234567	Ind	NHK	ENC	
17820	1115	1145	54	DHA	250	105	0	218	1234567	Ind	NHK	NHK	
17845	1200	1300	48E,48SW	DHA	250	225	-15	146	1234567	Som	ENC	ENC	
17845	1200	1300	48S,48NE	DHA	250	225	-15	146	1234567	Som	ADM	ADM	UAE
21470	1330	1600	48	DHA	250	225	0	206	7	Som	ADM	ADM	UAE
21630	1400	1430	46SE	DHA	250	260	0	218	23456	Hau	ADM	ADM	UAE
21690	0600	0700	42,43W	DHA	500	75	-15	218	1234567	Bod	ADM	ADM	UAE

(hfcc.org March 16)

### UNITED KINGDOM - Tentative BBC World Service English SW schedule for A21:

#### BBCWS SW to Europe

0500-0600 3955-Wof (DRM mode transmission)

#### BBCWS SW to East & Southern Africa

0400-0500 9915-mdg

0500-0600 9915-mdg 13580-uae

0600-0700 12015-sao 15400-mdg 15420-mdg

0700-0800 15400-mdg 15420-mdg

1500-1600 9410-sla

1600-1700 7445-mdg 15400-asc 17640-asc

1700-1800 7445-mdg 7265-mdg

1800-1900 7445-mdg 7265-mdg 9410-uae

1900-2000 7445-mdg 7265-mdg 6155-sao 6195-uae

#### BBCWS SW to West & Central Africa

0500-0600 6005-asc 9410-smg 12015-wof

0600-0700 6005-asc 7345-asc 13660-wof 15490-smg

0700-0800 9410-sao 9745-sao 12015-asc 15490-smg

1600-1700 17830-asc

1700-1800 15400-asc 17780-asc 17830-asc

1800-1900 11810-asc 15400-asc 13660-wof

1900-2100 11810-asc 12095-asc

2100-2200 11810-asc 12095-asc (Mon-Fri only)

#### BBCWS SW to South Asia

0000-0100 5890-erv 5945-sla

0100-0200 7410-sla 12065-sng

0800-0900 15620-sng (drm)

1200-1300 12065-sla 15310-sla

1300-1400 1413-sla 11805-sla 12065-sng

1700-1900 6195-sla 7285-sng

#### BBCWS SW to Middle East

0300-0400 9440-sla 12095-sla

0400-0500 12095-sla 13580-sla

1500-1600 7485-sng

1600-1700 7485-sng

#### BBCWS to East & SouthEast Asia

1000-1200 6195-sng 9410-sng 9900-sng 11945-sng  
 1200-1300 15145-sng  
 2200-2300 3915-sng 5890-sng 5955-sla 6195-sng 7445-ph 9580-sla  
 2300-0000 3915-sng 5890-sng 6195-sng 11825-pht  
 (via BrDXC-UK "Communication" magazine April 2021)

**U.S.A. [GERMANY / KOREA REP. Jeju Isl Kouru Seoul / KUWAIT / MARIANA ISLS Saipan  
 Tinian / TAJIKISTAN / UAE / UZBEKISTAN] - RADIO FREE ASIA A21 - March 28 to October 30, 2021:**

**Burmese**

0030-0130 UTC 12140/TIN 15110/SAI 15700/TIN  
 1230-1330 UTC 7530/TJK 9370/TJK  
 1330-1400 UTC 7530/TIN 12140/TIN  
 1400-1430 UTC 7530/TIN

**Cantonese**

1400-1500 UTC FNP\* 13575/SAI

**Khmer**

1230-1330 UTC 9700/TIN 12140/TIN  
 1430-1500 UTC 9355/SAI 12140/TIN  
 2230-2330 UTC 9890/SAI 12140/TIN

**Korean**

1000-1100 UTC 1566/JEJU  
 1500-1700 UTC 1188/Seoul 9910/SAI 9990/TIN 11985/SAI  
 1700-1900 UTC 1188/Seoul 9990/SAI 11985/SAI  
 2100-2200 UTC 9540/TIN 11945/SAI 11985/TIN

**Lao**

0000-0100 UTC 9940/KWT  
 1100-1200 UTC 15195/TIN

**Mandarin**

0300-0400 UTC 11570/TIN 11895/SAI 11985/KWT 17690/SAI  
 0400-0500 UTC 11895/SAI 13750/KWT 17690/SAI 21505/TIN  
 0500-0600 UTC 11895/SAI 17690/KWT 21690/TIN  
 0600-0700 UTC 11895/SAI 13790/SAI 17690/KWT 17810/TIN  
 1500-1600 UTC 9940/KWT 11675/SAI 13810/TJK  
 1600-1700 UTC 7540/TJK 11610/TIN 13570/SAI 13810/TJK  
 1700-1800 UTC 9360/KWT 9970/SAI  
 1800-1900 UTC 9360/KWT 9970/SAI 11745/KWT  
 1900-2000 UTC 1557/KOU 9360/KWT 9720/SAI  
 2000-2100 UTC 1557/KOU 6080/TIN 9360/KWT 9535/SAI  
 2100-2200 UTC 1557/KOU 7435/KWT 9685/KWT  
 2300-2400 UTC 9535/KWT 9720/KWT 15555/SAI

**Tibetan**

0100-0200 UTC 9370/TJK 9510/KWT 9705/TJK 11705/KWT 17670/TIN  
 0200-0300 UTC 9370/KWT 11705/KWT 11745/SAI 17670/TIN  
 FNP\* KWT 11820Tue/Thu 11895Mo/Wed/Fr 11925Sa/Su  
 0600-0700 UTC 15720/TJK 21690/TIN  
 FNP\* KWT 17635 Mo/Wed/Fr 17750Tue/Thu/Sa/Su  
 1000-1100 UTC 13800/KWT 15330/TIN  
 FNP\* TIN 21455 Tu 21465 Mo 21475 Sa 21505 Su 21520 Fr 21540 We 21565 Th  
 1100-1200 UTC 13580/TJK 15265/BIB 15470/TJK 17640/TIN  
 1200-1300 UTC 11570/KWT 13580/TJK 15470/TJK 17690/TJK 17720/LAM  
 1300-1400 UTC 11570/KWT 13835/TJK 15275/TJK 15470/TJK 17860/SAI  
 1500-1600 UTC 9355/TJK 12085/UAE  
 FNP\* TIN 13720 Su/Tue/Thu/Sa 13790 Mo/Wed/Fr  
 2200-2300 UTC 7505/KWT 9380/KWT

FNP\* KWT 7460 Mo 7465 Fr 7470 Tue 7520 Su/Wed 9655 Th 9920 Sa  
 2300-2400 UTC 5965/KWT 9555/TJK 9570/TIN

## Uyghur

0100-0200 UTC 9350/TJK 9780/KWT 9800/BIB 11640/KWT 11790/KWT  
 1600-1700 UTC 9355/TJK 9480/KWT 11675/TIN 15700/BIB

Notes: FNP\* = frequency not promoted

Reception reports by email at <qsl -at- rfa.org>  
 and by (snail) mail to:

Reception Reports

Radio Free Asia

2025 M. Street NW, Suite 300

Washington DC 20036

United States of America

(Alokesh Gupta-IND, via wwdxc March 25)

TRANS WORLD RADIO ASIA A21 - Effective March 28 to October 30, 2021:

Grigoriopol Maiac Pridnestrovie Moldova. 300 kW

KCH	7465	0045	0100	41	300	98	Su											HINDI
KCH	7465	0045	0115	41	300	98		M	Tu	W	Th	F						HINDI
KCH	7465	0045	0100	41	300	98										Sa		DZONKHA
KCH	11805	1545	1600	42	300	75	Su	M	Tu	W	Th	F	Sa					KAZAKH

CJSC Yerevan Gavar Armenia

CAW	13745	1315	1330	41	300	100	Su											SANTHALI
CAW	13745	1315	1330	41	300	100		M	Tu									MUNDARI
CAW	13745	1315	1330	41	300	100				W	Th	F						KURUKH
CAW	13745	1315	1330	41	300	100												Sa KUI
CAW	13745	1330	1345	41	300	100	Su											BRAJ BHASHA
CAW	13745	1330	1345	41	300	100		M										KHARIA
CAW	13745	1330	1345	41	300	100			Tu									SADRI
CAW	13745	1330	1345	41	300	100				W								BONDO
CAW	13745	1330	1345	41	300	100					Th	F						MAGAH
CAW	13745	1330	1345	41	300	100										Sa		HO
CAW	13745	1345	1400	41	300	100	Su											KURUKH
CAW	13745	1345	1400	41	300	100		M										AWADHI
CAW	13745	1345	1400	41	300	100			Tu		Th	F						HINDI
CAW	13745	1345	1400	41	300	100				W								HARYANVI
CAW	13745	1345	1400	41	300	100										Sa		BENGALI
CAW	13745	1400	1415	41	300	100	Su											BUNDELI
CAW	13745	1400	1415	41	300	100		M	Tu									VASAVI
CAW	13745	1400	1415	41	300	100				W								MARWARI
CAW	13745	1400	1415	41	300	100					Th	F						MAWACHI
CAW	13745	1400	1415	41	300	100										Sa		DHODIA
CAW	13745	1415	1430	41	300	100	Su											MAITHILI
CAW	13745	1415	1430	41	300	100		M	Tu	W	Th	F						HINDI
CAW	13745	1415	1430	41	300	100										Sa		GHWALI
CAW	13745	1430	1500	41	300	100	Su											HINDI
CAW	13745	1430	1500	41	300	100		M	Tu	W	Th	F	Sa					PUNJABI
CAW	13745	1500	1530	41	300	100	Su	M	Tu	W	Th	F	Sa					URDU

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

(Alokesh Gupta-IND, hcdx March 25)

**U.S.A.** - [from KOREA Rep of - test for A-21 season] 11880 kHz, March 12 at 0059 UT, huge open carrier, S=9+10/20dB via Bonaire KiwiSDR, so quiet that I thought at first the tuner was muted. About 0059.7 UT a few notes of the Encompass IS so evidently routed via London; 0100 UT opening "KBS World Radio" pronounced in English, otherwise relay in Spanish. This was found by Ivo Ivanov as a new entry in HFCC B-20 for March 10-12 only as a test, but was heard yesterday until 0200 UT with a VG signal by JRX in Brasil who think it runs at least until March 28.

Supposedly still on 9605 kHz via WHRI at same hour, I did not get around to checking. Other frequencies were registered via {US AGM bcst center in NC, wb.} Greenville but AFAIK never tried. We assume that KBS relay is due to switch from SC to NC, sometime. I understand it is on azimuth 164 from Grimesland.  
(gh, hcdx and wor March 12)

WBCQ schedule in A-21 summer season:

3265	2200	1000	3-5,9-11	BCQ	50	245	805	Eng	USA	BCQ	FCC
5130	0000	2400	3-5,9-11	BCQ	50	245	805	Eng	USA	BCQ	FCC
6160	0000	2400	3-5,9-11	BCQ	50	245	805	Eng	USA	BCQ	FCC
7490	1900	1000	3-5,9-11	BCQ	50	245	805	Eng	USA	BCQ	FCC
9330	0000	0100	12,13,15	BCQ	500	175	216	Por	USA	BCQ	FCC
9330	0100	0300	10,11	BCQ	250	245	805	Eng	USA	BCQ	FCC
9330	0300	0600	2,3,6,7	BCQ	250	270	216	Eng	USA	BCQ	FCC
9330	0600	0800	2,6	BCQ	250	280	216	Eng	USA	BCQ	FCC
9330	0800	0900	27	BCQ	250	76	216	Fr	USA	BCQ	FCC
9330	0900	1000	37	BCQ	500	76	216	Por	USA	BCQ	FCC
9330	1000	1100	37	BCQ	500	76	216	Sp	USA	BCQ	FCC
9330	1100	1300	11,12	BCQ	500	180	216	Sp	USA	BCQ	FCC
9330	1300	1400	10,11	BCQ	250	220	216	Sp	USA	BCQ	FCC
9330	1400	1600	2,3	BCQ	250	300	216	Eng	USA	BCQ	FCC
9330	1600	1900	27	BCQ	500	57	216	Eng	USA	BCQ	FCC
9330	1900	2200	28	BCQ	500	54	216	Deu	USA	BCQ	FCC
9330	2200	2300	52,53,57	BCQ	500	102	216	Por	USA	BCQ	FCC
9330	2300	2400	12,13,15	BCQ	500	175	216	Por	USA	BCQ	FCC

(hfcc.org March 16)

Summer A-21 schedule of World's Last Chance Radio via WBCQ-6 Monticello:

0100-0257	9330	BCQ	250	kW	245	deg	to	ENAm	English
0300-0557	9330	BCQ	250	kW	270	deg	to	CNA	English
0600-0855	9330	BCQ	250	kW	280	deg	to	WNA	English
0900-0957	9330	BCQ	500	kW	076	deg	to	SPAIN	Spanish
1000-1057	9330	BCQ	500	kW	076	deg	to	PORTUG.	Portuguese
1100-1155	9330	BCQ	500	kW	076	deg	to	FRANCE	French
1200-1255	9330	BCQ	500	kW	180	deg	to	NSAm	Spanish
1300-1357	9330	BCQ	250	kW	220	deg	to	CAm	Spanish
1400-1555	9330	BCQ	250	kW	300	deg	to	WCAN	English
1600-1857	9330	BCQ	500	kW	057	deg	to	U.K.	English
1900-2157	9330	BCQ	500	kW	054	deg	to	GERMANY	German
2200-2257	9330	BCQ	500	kW	102	deg	to	SAf	Portuguese
2300-0055	9330	BCQ	500	kW	175	deg	to	BRASIL	Portuguese

via Sofia Kostinbrod Bulgaria:

0700-1000	13840	SOF	100	kW	126	deg	to	NE/ME	Arabic
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via ENC-DMS Woofferton-UK:

1700-1900	17700	WOF	250	kW	126	deg	to	EAF	English
1800-2100	9800	WOF	300	kW	114	deg	to	NE/ME	Arabic

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 29)

**UZBEKISTAN** - {to KRE target} - CDNK North Korean Democratization Committee is a new clandestine broadcast to North Korea via RTTM Telekom Tashkent

1340-1400	7580	TAC	100	kW	076	deg	to	NEAs	dead air - March 4
1400-1405	7580	TAC	100	kW	076	deg	to	NEAs	VERY STRONG NOISE
1405-1416	7580	TAC	100	kW	076	deg	to	NEAs	Korean Tue/Thu/Sa
1416-1418	7580	TAC	100	kW	076	deg	to	NEAs	AGAIN STRONG NOISE
1418-1430	7580	TAC	100	kW	076	deg	to	NEAs	Korean Tue/Thu/Sa

NOT JAMMING ANOTHER DEFECTIVE TRANSMITTER OF RTTM TELEKOM TASHKENT

Very good signal via SDR's Tambov & Novosibirsk, Russia, March 4.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March 4)

## Subject of many frequency changes monthly

1300-1400	7600 TAC 100 kW 76 deg to NEAs	Korean Daily	Furusato no Kaze
1330-1400	5895 TAC 100 kW 76 deg to NEAs	Japanese Daily	CDNK North Korean Democratization Committee
1400-1430	7580 TAC 100 kW 76 deg to NEAs	Korean Tue/Thu/Sat	Voice of Wilderness
1400-1500	7615 TAC 100 kW 76 deg to NEAs	Korean Daily	Furusato no Kaze
1430-1500	5895 TAC 100 kW 76 deg to NEAs	Japanese Daily	North Korea Reform Radio
1430-1530	7590 TAC 100 kW 76 deg to NEAs	Korean Daily	Nippon no Kaze
1500-1530	5945 TAC 100 kW 76 deg to NEAs	Korean Daily	Voice of Wilderness
1500-1530	7615 TAC 100 kW 76 deg to NEAs	Korean Sun	Nippon no Kaze
1530-1600	5945 TAC 100 kW 76 deg to NEAs	Korean Daily	Voice of Martyrs
1530-1600	7530 TAC 100 kW 76 deg to NEAs	Korean Daily	Furusato no Kaze
1600-1630	5945 TAC 100 kW 76 deg to NEAs	Japanese Daily	

Radio Free North Korea, please check via defective or non defective tx.

2000-2100	7550 TAC 100 kW 76 deg to NEAs	Korean Daily	North Korea Reform Radio,
	please check via defective or non defective tx.		
2030-2130	7590 TAC 100 kW 76 deg to NEAs	Korean Daily	V of Martyrs,
	please check via defective or non defective tx		
2100-2130	7540 TAC 100 kW 76 deg to NEAs	Korean Daily	

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX Topnews March ?)

**VANUATU** - Radio Vanuatu observed March 7: 3945 kHz, RV went off the air at 0804\* UT; had not returned by 0820 UT, when I tuned away.  
(Ron Howard-CA-USA, via wwdxc BC-DX TopNews March 7)

Vanuatu back on 3945 kHz and both harmonics (7890 and 11835 kHz) from KFS Half Moon Bay SDR at 0855 UT tune - with some type of utility QRM on 7890 kHz (this was the best audio lvl however). All three freqs were weak with a wandering het on 3945 kHz 11835 kHz with barely audible signal but there is a trace on the waterfall. From NZ SDR hrd what sounded like local news and announcements at 0905 UT - from here signal was quite good, as expected.  
(Bruce W. Churchill-CA-USA, hcdx & wor March 11)

**VATICAN STATE / PHILIPPINES** - Summer A-21 frequency changes of Vatican Radio:

0500-0600	NF 11620 SMG 250 kW 118 deg to NE/ME	Latin Mass Su, ex11930
0600-0610	NF 11620 SMG 250 kW 118 deg to NE/ME	Italian Mo-Sa, ex11930
0610-0630	NF 11620 SMG 250 kW 118 deg to NE/ME	Arabic Mo-Sa, ex11930
0630-0645	NF 11620 SMG 250 kW 118 deg to NE/ME	French Mo-Sa, ex11930
0605-0700	NF 11815 SMG 250 kW 62 deg to EEU	Ukrain.liturgy Su, ex11930
1230-1250	NF 11850 PHT 250 kW 332 deg to FE	RUS Russian, ex11875
1230-1310	NF 9720 PHT 250 kW 315 det to EAs	Chinese Mass Sa, ex9590
1530-1600	NF 11620 SMG 250 kW 113 deg to EAF	Arabic, ex11950
1600-1615	NF 11620 SMG 250 kW 115 deg to NE/ME	French, ex11950
1615-1630	NF 11620 SMG 200 kW 115 deg to NE/ME	English, ex11950
1800-1830	NF 13830 SMG 250 kW 165 deg to SAF	Portuguese, ex13835
1840-1900	NF 7360 SMG 250 kW 114 deg to NE/ME	Rosary Su, ex9850
1840-1900	NF 13830 SMG 250 kW 210 deg to WAF	Rosary Su, ex13835

(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews March 24)

**VENEZUELA** - 6205 kHz R.O.C.V., El Tigre, heard right now, 0650-0723 UT on March 19, Venezuelan and Latin American songs, identification. Very weak, best on LSB. ... the technical engineer of the station announced 60 watts power. (Manuel Mendez-ESP, direct and wor March 19)

Re: R.O.C.V. 6205 kHz 0650 UT on March 19. Heard at poor to fair level from Masset, BC-Canada; Perseus SDR (a North Beverage, over the shoulder to the south). // to a Trinidadian kiwi\_SDR (the TWR Bonaire SDR was occupied). I'm pleased with the catch! Does anyone know the power of this transmitter? (Walt Salmaniw-BC-CAN, wor March 20)

**ZAMBIA** - Voice of Hope Africa plans to add a weekly broadcast in Shona to its schedule. This was announced in the newsletter of the Strategic Communications Group on 10 March 2021

<[http://www.voiceofhope.com/newsletters/Strategic\\_Communications\\_Group\\_Newsletter\\_-\\_March\\_2021.pdf](http://www.voiceofhope.com/newsletters/Strategic_Communications_Group_Newsletter_-_March_2021.pdf)>

The new Shona broadcasts (Christian teaching, praise music) are scheduled for Sundays at 0600-0700 local time on 9680 kHz. The producer Ludwig Schimper was born in South Africa but grew up on a farm in Zimbabwe.

Beside his secular profession as project manager he is also founder and senior pastor of P3 Revival Community.

"People are our greatest resource. I'm passionate in seeing people reaching their fullest potential!"

<<https://zw.linkedin.com/in/ludwig-schimper-75894671>>

Shona is also on the air from Voice of America ("Studio 7") and TWR Swaziland.  
(Dr. Hansjoerg Biener-D, March 12)

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**Editor's info desk was closed for this edition at 16:16 hours UTC on April 8th, 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.

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

Others as stated at contribution.

\*\*\*\*\*

### Abbreviations:

with name of station:

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

Location of transmitters with frequency:

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

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

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### Editor:

Walter Eibl (we)

Email: <[we@wwdx.de](mailto:we@wwdx.de)> or <[we@kwrs.de](mailto: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.
5960.0	0131	544	D	Mighty KBC Radio	English	Digital Test	2803	RL
7375.0	42	453	ROU	Radio Romania Intl.	English	Listeners Letterbox	2903	RL
9395.0	0200	553	USA	WRMI	English	AWR Wavescan # 631	2803	RL
9850.0	0342	453	ROU	Radio Romania Intl.,	English	Listners Letterbox	2903	RL
9955.0	0115	453	USA	Blue Radio Intl., relay	English	John Lee Hooker 1970	2903	RL
9975.0	0301	544	USA	KVOH	English	Truth 2 Ponder	2803	RL

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

- 5995.0 MALI Radio TV du Mali – Bamako, 2324-0000\* Mar 19, non-stop music programming until carrier suddenly terminated at top of the hour. Fair to good.
- 6185.0 AUSTRIA NHK Radio Japan – Moosbrunn, 0458-0500\* Mar 10, tune din to closing station ID and sign off announcements by a man announcer ending the English language service. Fair to good.
- 7315.0 VATICAN Radio Tamazui – Santa Maria di Galeria, 0341-0428\* April 4, man and woman announcers peaking in the listed Juba Arabic language. Close-down announcements at 0435 followed by instrumental music. Poor to fair.
- 9400.0 BULGARIA Overcomer Ministry – Kostinbrod (Sofia), 1931-1959\* Mar 19, familiar religious program in English language with periodic transmission breaks. Switched to Bible Voice Broadcasting Arabic language programming at 1945. Poor to fair.
- 11660.0 ESWATINI Trans World Radio Africa – Manzini, 1717-1742 Mar 10, man announce riwht long religious talk in the listed Amharic language. Programming picked up at 1730 with instrumental music and some announcements before Horn of Africa vocal selection and another long religious talk. Poor.
- 11880.0 USA KBS World Radio – Greenville, 0122-0144 April 4, nice vocal selection by a female singer followed by discussion by a man and woman in the Spanish language. Fair signal.
- 15340.0 CLANDESTINE Dimtse Wagahta (Voice of Dawn) - Issoudun, presumed, 1704-1743 April 4, occasionally I could hear a man announcer with listed Tigrinya language talk under very heavy jamming.
- 15400.0 ASCENSION ISLANDS BBC World Service, 183601859\* Mar 19, man and woman announcer talking about “disaster risk” assessments. Nice station ID and promotional announcements just before carrier was terminated. Fair.
- 17745.0 ASCENSION ISLANDS Trans World Radio Africa, \*1729-1759\* Mar 19, open carrier followed by a wo man announcer with station ID, instrumental music and opening for Arabic language program. Religious talks and discussions. Poor to fair.

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

- 800.0 NETHERLAND ANTILLES : Radio Trans Mundial, São Paulo, via TWR Bonaire, Portuguese, 26/02
- 5900.0 BRAZIL: Unid pirate station. Oldies. 14/03 1058. 25222.
- 5915.0 ZAMBIA: Zambia NBC Radio 1, Lusaka, Vernacular, 05/03 2140. African style song, two male voice speakers. 35553.
- 5940.0 BRAZIL: Radio Voz Missionaria, Camboriu SC, 14/03 1050. // w/9665 kHz. 35553.
- 5955.0 GUAM : KSDA Adventist World Radio Guam, via Agat, Korean, 05/03 2145. A Christian programming, message by female voice. 35543.
- 5995.0 MALI : Radio Mali, Bamako, French, 05/03 2201. A song in African style, id by male voice: 'Ici Radio Nationale du Mali...'. 35543.
- 5995.0 SOUTH KOREA: Echo of Hope (VoH), Hwaesong, Korean, 03/03 0926. Male communication in Korean language. 23542.
- 6010.0 BRAZIL : Radio Inconfidencia, Belo Horizonte MG, 05/03 2002. Id: 'Radio Inconfidencia, A hora do Fazendeiro, com Tina Marques'. Brazilian song. 35553. // 15190 kHz 35543.
- 6080.0 BRAZIL: Radio Marumby, Curitiba PR, 14/03 1045. Christian programming, OM: talk, transmission from a church. 35553.
- 6110.0 CHINA : China Radio International, via Xianyang, Russian, 14/03 1920. YL/OM: talk, a song in Chinese language. 35543.
- 6115.0 JAPAN : Radio Nikkei 2, Chiba, Japanese, 03/03 0920. Talking by female voices, piano instrumental music. 25442.
- 6130.0 ESWATINI : TWR Africa, Manzini, Kuanyama language, 14/03 1924. A Christian message by male voice preacher, song. 24542.

- 6135.0 BRAZIL: Radio Aparecida, Aparecida SP, 14/03 1040. Catholic programming, 'Radio Aparecida...'. 35422.
- 6185.0 MEXICO: XEPM (pres.), Mexico City, Spanish, 03/03 0910. Jazz music (typical music). 15421.
- 7315.0 FRANCE : Radio Algerienne Chaîne 1, via Issoudun, Arabic, 14/03 1933. Songs in Arabic language, talk by OM. 25542.
- 7475.0 THAILAND : Radio Thailand, Udon Thani, English, 14/03 1930. News Bulletin by female voice announcer. 35553.
- 7580.0 THAILAND : Radio Farda, via Udon Thani, Persian, 14/03 1927. Song in Persian language. Talking. 35543.
- 9400.0 BULGARIA : Tha Overcomer Ministry, via Kostinbrod, English, 14/03 1937. Preaching by male voice preacher. 25542.
- 9665.0 BRAZIL Radio Voz Missionaria, Camboriu SC, 14/03 1435. Bible studying by two male voices communication. 'Missões..'. 45554.
- 9780.0 AUSTRIA : Adventist World Radio, via Moosbrunn, French, 27/02 1939. Christian transmission, talk by male and female voices. 'Radio Mondiale Adventist'. 35543.
- 9818.0 BRAZIL : Radio 9 de julho, São Paulo SP, 27/02 1937. Catholic programming. 45554.
- 9845.0 MADAGASCAR : World Christian Broadcasting KNLS, via Mahajanga, Russian, 27/02 1935. A Christian programming, message, song by children. 35443.
- 9895.0 JAPAN : NHK World Radio Japan, Japanese, 27/02 1930. Male voice speaker, interview. 25432.
- 9925.0 PHILIPPINES : Radio Pilipinas, Tinang, Filipino / English, 27/02 1927. Male speaker. 'Radio Pilipinas Overseas'. 35443.
- 10000.0 BRAZIL: Observatorio Nacional, Rio de Janeiro RJ, 14/03 1950. Time pips, TC by female voice. 45554.
- 11745.0 SAUDI ARABIA : Al-Azm Radio, via Jeddah, Arabic, 27/02 1920. Speaker in Arabic language. 25322.
- 11940.0 SPAIN : Radio Exterior de España, Noblejas, 27/02 1913. Sport programming. 45554.
- 11965.0 TURKEY : Voice of Turkey, Ermirler, Turkish, 28/02 1308. Turkish romantid songs, male voice communication. 35553.
- 11685.0 SPAIN : Radio Exterior de España, Noblejas, Spanish, 14/03 1958. Sport News in Spain. 35543.
- 11705.0 MADAGASCAR : Radio Tamazuj, via Talata-Volonondry, Juba Arabic (?), 27/02 1540. Male voice communication, id 'Radio Tamazuj'. 25542.
- 11985.0 MADAGASCAR : Adventist World Radio, via Talata-Volonondry, Arabic, 27/02 1912. Christian programming, message by male voice. 25542.
- 11780.0 BRAZIL: Radio Nacional da Amazonia, Brasilia, 14/03 1430. Female voice communication, intevew abouth health. 45554.
- 11590.0 GUAM : FEBA Radio India, via Agana, Bhatrī (?), 28/02 1320. A Christian programming, male voice speaker, contact addresses, instrumental music, interval signal, sign off on 1330. 25432.
- 11795.0 KUWAIT : Radio Free Asia, via Kuwait, 05/03 1358; Male communication, instrumental music, YL: talking. 25442.
- 11815.0 BRAZIL: Radio Brasil Central, Goiania, 14/03 1425. OM: talk, px 'Goiás Caboclo... telefone 3282-8780'. 35553.
- 11930.0 USA : Radio Marti, Greenville, Spanish, 28/02 1300. Commentary by male voice announcer, talk about political situation in the USA. 35543.
- 12030.0 SPAIN : Radio Exterior de España, Noblejas, 27/02 1909. Male voice: sport programming, soccer in Spain. 35543.
- 12050.0 ASCENSION ISLAND : Radio Ndarason International, voa Georgetown, Kanurī, 27/02 1906. Male and female voices speakers. Children voices. 45544.
- 12075.0 VATICAN CITY: Voice of America, via Sta. Maria di Galeria, French, 27/02 1903. News bulletin, male voice speaker. 35543.
- 12095.0 ASCENSION ISLAND : BBC, via Georgetown, English, 27/02 1901. News Bulletin. 'BBC World Service'. 45544.
- 12120.0 PHILIPPINES : Radio Pilipinas, Tinang, Filipino, 27/02 1850. Male and female voices speakers. 35543. 12140.0 KUWAIT : Radio Azadi (Radio Free Afghanistan), via Kuwait, Dari, 28/02 1303. Male and female speakers, phone-in, instrumental music. 35543.
- 15105.0 ESWATINI: TWR Africa, Manzini, Lingala, 05/03 1945. A Christian programming, Preaching by male voice. 35543.
- 15150.0 MADAGASCAR : Adventist World Radio, via Talata-Volonondry, Punjabi, 27/02 1527. A Christian programming, id by female voice, contact adresses. 25442.
- 15160.0 FRANCE: Radio Tigray Media House, via Issoudun, Tigrinya, 27/02 1522. Male voice communication, song in African style. 35333.
- 15255.0 MADAGASCAR: Adventist World Radio, via Talata-Volonondry, Sinhala, 05/03 1403. A Christian programming, song, male voice communication. 15431.
- 15270.0 GERMANY : Voice of America, via Biblis, Kurdish, 14/03 1420. Talk by male voice announcer, instrumental music. 25322.
- 15285.0 FRANCE: Radio Manara International, via Issoudun, Hausa, 27/02 1650. Male voice speaker, phone-in. 35543.
- 15350.0 FRANCE: Deutsche Welle, via Issoudun, Hausa, 27/02 1516. Songs in African style, male communication, 'DW'. 35543.
- 15360.0 SRI LANKA: Adventist World Radio, via Trincomalee, Sindhi, 27/02 1655. Talking by male and female voices, AWR Interval Signal on 1700. Sign-off.
- 15400.0 VATICAN CITY: Radio Tamazuj, via Sta. Maria di Galeria, Juba Arabic (?), 27/02 1507. A speech by male voice, talking by YL, id. 35543.
- 15420.0 BULGARIA : BBC, via Kostinbrod, Somali, 14/03 1416. Talk by female voice announcer, interview, 'Somalia'. 25442.
- 15460.0 VATICAN : Voice of America, via Sta. Maria di Galeria, Kirundi, 14/03 1413. Songs in African style, talk by OM. 35543.
- 15476.0 ANTARCTICA: Radio Nacional San Gabriel Arcangel, Base Esperanza, Spanish, 27/02 1458. Lady talking. 'Datos del tiempo, en Base Esperanza, 2 grados, telefono, whatsapp'. Argentinian song. 35543.
- 15550.0 VATICAN CITY: Radio Dabanga, via Sta. Maria di Galeria, Darfur (?), 27/02 1534. Male voice communication in Darfur (?) language, instrumental music. 25542.
- 15580.0 BOTSWANA: Voice of America, via Selebi-Phikwe, English, 27/02 1452. Male and female voice talking, songs in African style, 35543.
- 15600.0 UK: Voice of America, via Woofferton, Kurdish, 27/02 1441. Male voice communication in Kurdish language, song. 25432.
- 15620.0 PHILIPPINES: FEBC, Bocaue, Javanese, 05/03 1413. A Christian programming, message by male voice preacher. 35553.
- 15680.0 MADAGASCAR : Adventist World Radio, via Talata-Volonondry, Malayalam, 27/02 1531. A Christian programming, song, female voice speaker. 35553.
- 15690.0 GERMANY : Radio Farda, via Lampertheim, Persian, 14/03 1415. News Bulletin by male voice announcer. 25422.
- 15705.0 SRI LANKA: Adventist World Radio, via Trincomalee, Chinese, 27/02 1430. Christian song, male talking 15431.
- 15770.0 USA: WMRI Supreme Master TV, via Okeechobee, English, 14/03 1410. Female voice speaker. 25322.
- 15825.0 USA : WWCR, Nashville, English, 28/02 1340. Christian programming, message by male voice preacher. 25542.
- 17615.0 SAUDI ARABIA : Radio Saudi, Riyadh, Arabic, 14/03 1400. Talk in Arabic language by male voice speaker. 35443.
- 17620.0 MALI : China Radio International, via Bamako, English, 14/03 1418. News by female voice announcer abt China industry, Shanghai. 35553.
- 17705.0 SAUDI ARABIA : Radio Saudi, Riyadh, Arabic, 14/03 1355. Songs in Arabic language. 25332,
- 17745.0 UAE: BBC, via Al-Dhabbyia, Somali, 14/03 1405. News Bulletin. 25522.
- 17770.0 MADAGASCAR: Adventist World Radio, via Talata-Volonondry, Vietnamese, 14/03 1350. A Christian programming, preaching, song



in Vietnamese language. 25432.

17895.0 SAUDI ARABIA : Radio Saudi, Riyadh, Arabic, 14/03 1335. Male voice speaker a song in Arabic language. The speaker was teaching a YL how to sing perfect the Al Quran. 35543.

17800.0 FRANCE : Deutsche Welle, via Issoudun, Hausa, 14/03 1345. Talk by male voice, song in Hausa, jingle 'DW'. 35543.

17880.0 MALI : China Radio International, via Bamako, French, 14/03 1340. Male and female speakers, talk 'Jazz, Montreal...'. 35543.

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

RAD : Richard D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.

RG : Rudolf Grimm, São Bernardo, SP, Brazil. Icom IC-R8500 + AOR LA400 Indoor Loop & Sony ICF2001D + RGP3 Indoor Ferrite Loop Antenna.

RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires in the trees.

\*\*\*\*\*

Dear Friends,

Welcome to the short April edition of 2021.

We are in COVID lockdown in most parts of the world..

Thanks to our regular contributors for this Logbook,

*Ashok Kumar Bose*

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	<b>QSL CORNER</b> Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: <qsl@wwdxc.de>	
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**Armenia:** Trans World Radio (TWR) 1350 kHz. Arabic programme, e-QSL received In 27 days for report sent to: <kdobos@twr.org> (Kalman Dobos) (HS)

**Czech Republic:** CRO Praha, Radio Plus 1071 kHz. Czech programme, QSL received in 1772 days (about 5 years) for report sent in english to: Radio Prague International, English Department, Vinohradska 12, CZ-12099 Praha – as Reminder sent on 10.02.2021 (HS)

CRO Praha, Radio Plus 1071 kHz. English news, QSL received in 21 days for report sent to: Radio Prague International, English Department, Vinohradska 12, CZ-12099 Praha (HS)

**Germany:** All Tribes Radio via Channel 292 Rohrbach 6070 kHz. Music programme "to support independent musicians and utilize music as a tool to promote world peace". Full data colour e-QSL (pdf to be downloaded from an internet repository) in English from Don Kenet (Costa Rica) in 6 days for e-mail reception report to: <alltribesradio@icloud.com> (HB)

Jake FM 6070 kHz. Via channel 292). QSL received in 22 days for report sent to: <Radio@Jake-FM.de> (PG)

Radio Slowakei International German service.6005 kHz via Kall- Krekel,QSL received in 12 days for report sent to RSI.Mlynska dolina, 845 45 Bratislava, Slowakei (PG)

Sat-Zentrale via channel292 6070kHz. QSL received in 23 days for report sent to: Sat Zentrale, Zschendorffstr. 15a, 01640 Coswig,Germany. Sent German stamps (PG)

SE-TA 2 erroneously broadcast by Media Broadcast Nauen on 6165 kHz instead of planned 6095 kHz. Music programme "Let's Go Rock'n'Roll" (#4) of songs in English but with a DJ in German. Full data colour e-QSL (pdf) in English and German from Christoph Gerber (Hartenstein/Erzgebirge) in 4 days for e-mail reception report to: <se-ta@web.de>. SE-TA 2 is a fantasy name without a specific meaning. (HB)

**Guam:** KTWR 11965 kHz. QSL/schedule/ received in 60 days for report sent to: <asiafeedback@twr.org> (PG)

T8WH 9965 kHz. QSL received in 60 days for report to: 300 Highland Ave., Morgantown, WV 26505, USA. Enclosed 2 USD. (PG)

**Italy:** RAI-Toscana,Firenze 657 kHz, QSL signed and mailed via E-Mail back after 4 days, including a nice Photo from Radio building, tx Pisa-Coltano for report sent in italian to: <luca.toni@rai.it> (HS)

**Netherlands:** Free Radio Service Holland 5790/7700 kHz. DX programme "FRSH goes DX" in English with Dutch presenter Peter Verbruggen. Full data colour e-QSL (#8 jingles) and personalised info letter received in 13 days for e-mail reception report to <frs@frsholland.nl>. (HB)



**Radio Classic Gold** via Piepzender 3920 kHz. Dutch music service with DJ René van Elst. General part data (date, frequency, no time, recipient not mentioned) colour e QSL. Received on the same day for e-mail report to <rene@radioclassicgold.com>. <https://www.radioclassicgold.com/luisterrapport/> did not work for me. (HB)

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**Poland:** Anthony Radio 6275 kHz. English programme. e-QSL in .jpg format received in 2 days for report in English, a short .mp3 recording, and an SDR waterfall screenshot sent to <whiteriders@wp.pl> (TC)

**3920 KHZ SHORTWAVE**

**Poland/Lithuania:** Polskie Radio 1386 kHz via Viešintos (Lithuania). German programme. Full data colour QSL-card "Cracow, Old Town by Night" with text in English. Received in 57 days (8 days mail delivery) for e-mail report to: <deutsche.redaktion@polskieradio.pl>. Postal address: Polskie Radio dla Zagranicy, Redakcja Niemiecka, Al. Niepodleglosci 77/85, 00-977 Warszawa. (HB)

**Slovakia:** SRO Bratislava 702 kHz. Slovakian programme. QSL received n 74 days for report sent to: <Jana.Hrbekova@rtvs.sk> (HS)

**Sri Lanka:** AWR Asia 17790 kHz - arabic programme. E-QSL received in 185 days for report to: <qsl@awr.org> / tx: Trincomalee (HS)

Adventist World Radio (AWR), 17790 kHz. Arabic programme, E-QSL received in 185 days for report sent in english to: <rebeto@awr.org> (Rebeto Samuel- Ouadjo) (HS)



**Turkey:** The server of the Voice of Turkey routinely rejects mails to its German service e-mail address <deutsch@trt.net.tr>. E. g. today: "Delivery has failed to these recipients or groups: Radio Stimme der Türkei (deutsch@trt.net.tr). Your message couldn't be delivered because delivery to this group is restricted to authenticated senders." This certainly restricts the e-mail contact to the smaller number of hard core fans of the service. There used to be a saying among Gospel broadcasters: "no mail, no money". If you can't generate listeners' response then you cannot not show effectiveness to your sponsors and would not find new potential donors either. We all know that the decisions about the future of a language service are often motivated by other reasons, but I am sure that the lack of response from casual listeners will not help the efforts of a language service to survive either. (Dr Hansjoerg Biener 2 April 2021)

**Ukraine:** Krim Realii, Kiev, 648 kHz. Russian programme, E-mail report received in 22 days for report sent in english to: <KhalilovR-FL@rferl.org> (Rustem Khalilov) (HS)

**Unofficial/Free Radio:** Radio Jennifer 6554 kHz. English eQSL in .jpg format received in 9 hours for report in English, short .wav recording, and SDR waterfall screenshot sent to <radiojennifer2020@gmail.com>. Note that Anthony Radio — eQSL reported by me last month — is a Polish free radio station per the op I think that information's important. (TC)

**USA:** Radio Marti Greenville, 11860 kHz. Spanish program, QSL received in 84 days for email report to: <mdail@bbg.gov> (Macon Dail) (HS)

**Vietnam:** Stimme Vietnams 7280 kHz German Programme. Full data colour QSL in German plus post card (pillar pagoda in Hanoi received in 54 days (13 days air mail delivery) for e-mail report to German service <deutsch\_vov@yahoo.com> (HB)

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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
- TC** = Terry Colgan, Austin, Texas, USA

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Although the world situation is critical enough because of the pandemic, the column is quite rich which means that broadcasters continue to follow the listeners and confirm their listening reports. I ask to enter at the end of your collaboration, your initials, your name and surname and the city where you live, and always include receiver location if you were listening on an SDR in another country.

Please remember that the next deadline for your contributions is on **8 May 2020 at 23:00 UTC**

*Dario*