

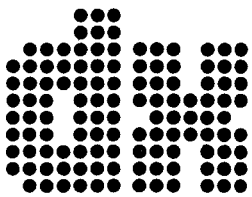
12 - 2020 € 1,50



ISSN 0175-6877



9 770175 687009



WORLD WIDE DX CLUB



## Staff of WORLDWIDE DX CLUB:

- PRESIDENT AND CHIEF EDITOR** . . .  WWDXC Headquarters, Michael Bethge, Postfach 12 14, D-61282 Bad Homburg, Germany ● E-Mail: mail@wwdxc.de  
 +49-6172-123118 ●  Fax +49-6172-123117
- BROADCASTING NEWS EDITOR** . . .  Walter Eibl, Germany  
 E-Mail: news@wwdxc.de
- LOGBOOK EDITOR** . . . . .  Ashok Kumar Bose, 106 Aspermont Crescent, Brampton, Ontario, L6P 3Z3, Canada ● E-Mail: logbook@wwdxc.de
- QSL CORNER EDITOR** . . . . .  Dario Gabrielli, Viale della Resistenza 33b, I-30031 Dolo (Ve), Italy  
 E-Mail: qsl@wwdxc.de
- TOP NEWS EDITOR (Internet)** . . . .  Wolfgang Büschel, Hoffeld, Sprollstrasse 87, D-70597 Stuttgart, Germany ● E-Mail: topnews@wwdxc.de
- TREASURER & SECRETARY** . . . . .  Karin Bethge, Urseler Strasse 18, D-61348 Bad Homburg, Germany
- NEWCOMER SERVICE OF AGDX** .  Hobby-Beratung, c/o AGDX, Postfach 12 14, D-61282 Bad Homburg, Germany (please enclose return postage)

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>>

CORAZONES ANTÁRTICOS!



## LRA 36 RADIO NACIONAL

### Arcángel San Gabriel

**Base Esperanza Antártida Argentina**

**Lat 63° 24' SUR - Long 56° 59' Oeste**

**Transmisión Especial " Maratón "**

**En 15.476 Khz Banda Lateral SUPERIOR " USB "**

**Banda 19 Mts / RECEPTOR COLLINS HF 80**

**300 W En ANTENA RÓMBICA**

**Übertragung in Deutsch Eine Antenne zur Welt**

**Confirmamos su reporte de Recepción (SWL ) a :**

PAUL REINERSCH	ALEMANIA	<b>26 De Septiembre del 2020</b>
<b>La Estación</b>	<b>Pais</b>	<b>Gracias por Su Sintonia !!!</b>



COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS  
COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS  
COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS



BASE ESPERANZA (17 DE DICIEMBRE DE 1952)  
L: 63°22'54"S W: 56°59'48"O

COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS  
COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS  
COMANDO EN JEFE FUERZAS ARMADAS ARGENTINAS



Teniente Coronel NORMAN WALTER NAHUELTRIPAY  
JEFE DE LA BASE ANTÁRTICA ESPERANZA  
CU 2020



Dño Luimhc

QSL LRA 36, Argentine Antarctica, for special transmission on 15476 kHz

DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.50 or 2 International Reply Coupons (IRC's); annual subscription rate: € 18.00. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 12



Vol. LV



December 2020

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2020. Let me take this opportunity to thank you very much for all your support during this year. Many thanks also to all of you who have ordered the new **WORLD RADIO TV HANDBOOK 2021** from us.



The **A.I.R. Contest 2021 "Attilio Leoni"**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 2nd to 9th, 2021. Participation is open for all radiolisters, A.I.R. members and non members alike. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy, E-mail: <bpecolatto@libero.it>.

**"QSL: How I Traveled the World and Never Left Home"** is a new book by Ronald W. Kenyon, an American nonfiction author, having written and published 24 books on a number of subjects, mostly collections of essays and albums of photography.

"I believe that this is the first book to be published-at least in English-incorporating full color reproductions of over 100 vintage QSL cards - most displaying both front and back-issued by 89 shortwave stations in 75 countries. Additional sections of the book consist of reproductions of cards from radio amateurs and shortwave listeners and a selection of greeting cards received from shortwave radio stations in nine countries. The book of 163 pages is prefaced by a 17-page introduction discussing my experiences in shortwave listening and the hobby in general. Since I was pursuing shortwave listening as an adolescent, all the QSL cards were received between 1956 and 1961. An appendix of 1,200-words, "A Letter from Antarctica," recounts how, in 1958, as a teenager in Kentucky, I was linked with a British meteorologist in Antarctica via Radio Sarandí, a shortwave station in Montevideo, Uruguay. I believe that many radio enthusiasts in Germany and elsewhere may be interested in discovering my QSL collection of half a century ago."

A detailed and illustrated review by Thomas Witherspoon, webmaster of The SWLing Post, can be found at:

<<https://swling.com/blog/2020/11/qsl-how-i-traveled-the-world-and-never-left-home-by-ronald-w-kenyon/>>.

The book can be ordered on the Amazon platform. (Ronald W. Kenyon <rwkenyon@yahoo.com>)

Finally, let me wish you a Merry Christmas and a very Happy and Healthy New Year 2021,

# NEWS ABOUT BROADCASTING (+other) STATIONS

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

## Shortwave Radio Nowadays

Some radio broadcasts remain suspended owing to (but not only ...) the Covid-19 pandemic. This includes many shortwave transmissions of All India Radio, University Network (Anguilla) and RAE Argentina. Some other examples: NHK Radio Japan is broadcasting English instead of some other language services especially at weekends. Radio Kuwait English which had been replaced by Arabic resumed in November 2020.

In November 2020 we had a peak of sunspots (NOAA counting) of more than 80 which caused some rare receptions. Sunspot circle 25 is active, estimated to peak in 2025 with some 115, means: it will be like circle 24. See also:

<<https://www.spaceweather.com/>>

<<https://www.solen.info/solar/>>

<<https://www.almanac.com/content/solar-cycle-updates-and-predictions>>

Listen to special broadcasts on shortwaves around Christmas and New Year, not all mentioned in this issue.

An electronic SPECIAL by WWDXC will be issued at Christmas ... for members only.

\*\*\*\*\*

## ALASKA - Upcoming frequency changes of WCB KNLS The New Life Station:

1100-1200 NF9570 NLS 100 kW 300 deg to NSEAs Russian tx#2, ex6045  
 1100-1200 NF9720 NLS 100 kW 285 deg to SEAs Chinese tx#1, ex9665  
 1200-1300 NF9625 NLS 100 kW 270 deg to SEAs English tx#2, ex9635  
 1400-1500 NF9535 NLS 100 kW 300 deg to NEAs Chinese tx#1, ex7445  
 (Ivo Ivanov-BUL, hcdx & WOR via wwdxc BC-DX TopNews Nov 11)

Updated KNLS schedule from Alaska; should come into force on November 16:

KNLS TX#2 100 kW

09:00 6120 rus 300 hail {sics degrees}

11:00 9570 rus 300 hail (instead of 6045 kHz)

15:00 9730 rus 300 hail

Finally, KNLS managed to "escape" from a frequency of 6045 kHz, where the DPRK jammer is buzzing. Although working at 31m in winter is also a thing ambiguous: it happens that in the dark, the MUF drops below and the range empties. We'll see.

The problem is that as law-abiding Americans, - KNLS approves its frequencies with the Federal Communications Commission (FCC). ... Firstly, consideration of the application does not take a day or two, and secondly, not all the proposed transitions are approved. Although seemingly new frequencies at this time are free and have no strong interference with  $\pm 5$  kHz either.

The chief engineer writes that the FCC has rejected two proposed replacements:

9665 kHz at 12:00 UT (interference from the North Korean KCBS, and on the neighboring 9660 kHz; "radio war" between the MR of Taiwan and the Chinese jamming)

5905 kHz at 13:00 UT (interference from the MR of China in Russian)

(Dmitry Mezin, Kazan-RUS, "open-dx"; via RUSdx Nov 22)

## ARMENIA - Shortwave transmitters in Armenia are operated by Radio CJCS.

Transmitter site: Gavar, near Noratus, Gegharkunik - 50/100/300 kW.

{ARM\_Gavar\_Kamo\_Yerevan bcast center of 1965, SW started Dec 1968}

Time/UTC	Days	Station	Language	Target	kHz
0000-0100	Daily	BBC	English	South Asia	5875
0100-0200	Daily	BBC	English	South Asia	5970
0200-0215	Tue	Bible Voice	English	South Asia	11945
0200-0230	Thu	Bible Voice	English	South Asia	11945
0200-0230	Daily	BBC	Pashto	West Asia	5875
0200-1200	Daily	Radio Iran Int	Persian	Iran (subject to conf.)	11550
0230-0300	Daily	BBC	Dari	West Asia	5875
0300-0330	Daily	BBC	Pashto	West Asia	7445
0500-0600	Sa	BBC	Rwanda-Rundi	Great Lakes	15490
0500-0800	Daily	MBR Registration	unconfirmed	West Africa	15100
0529-0600	Su	BBC	Rwanda-Rundi	Great Lakes	15490
0600-0630	Daily	AWR	French	West Africa	15610
0700-1500	Daily	SOF-BUL Registration	English	Middle East/NW Africa	15780
1200-1400	Daily	Radio Iran Int	Persian	Iran (subject to conf.)	11560
1200-1400	Daily	Radio60!	Multilingual	Europe (on-demand)	11610
1315-1330	Mon/Tue	TWR India	Mundari	South Asia	9290
1315-1330	Wed-Fr	TWR India	Kurukh	South Asia	9290
1315-1330	Sa	TWR India	Kui	South Asia	9290
1315-1330	Sa	TWR India	Bengali	South Asia	9910
1315-1330	Su	TWR India	Santali	South Asia	9290
1315-1330	Su	TWR India	Bhatri	South Asia	9910
1315-1345	Mo-Fr	TWR India	Maithali	South Asia	9910
1330-1345	Mo-Sa	TWR India	Hindi	South Asia	9290
1330-1345	Sa	TWR India	Bundelkhandi	South Asia	9910
1330-1345	Su	TWR India	Maithali	South Asia	9290
1330-1345	Su	TWR India	Hindi	South Asia	9910
1345-1400	Sa/Su	TWR India	Kashmiri	South Asia	9910
1345-1400	Mo	TWR India	Awadhi	South Asia	9910
1345-1400	Tue-Fr	TWR India	Hindi	South Asia	9910
1345-1400	Sa/Su	TWR India	Kashmiri	South Asia	9290
1345-1415	Sa/Su	TWR India	Hindi	South Asia	9290
1345-1420	Mo-Fr	TWR India	Hindi	South Asia	9290
1400-1430	Mo-Fr	TWR India	Bhojpuri	South Asia	9910
1400-1430	Sa/Su	TWR India	Hindi	South Asia	9910
1400-0200	Daily	Radio Iran Int	Persian	Iran (subject to conf.)	6270
1415-1420	Sa/Su	TWR India	English	South Asia	9290
1420-1425	Daily	TWR India	English	South Asia	9290
1425-1445	Sa/Su	TWR India	English	South Asia	9290
1430-1445	Thu-Mo	TWR India	Hindi	South Asia	9910
1430-1445	Tue/Wed	TWR India	Dogri	South Asia	9910
1500-1530	Daily	AWR	Telugu	South Asia	9765
1600-1630	Daily	AWR	English	South Asia	9580
1615-1700	Daily	IBRA Radio	Amharic	Horn of Africa	9540
1700-1800	Daily	BBC	Dari	West Asia	5875
1730-1800	Daily	IBRA Radio	Silte	Horn of Africa	7510
1800-1900	Daily	BBC	Pashto	West Asia	5875
1900-2100	24 Dec	NDR Gruss-an-Board	German	Europe (24 Dec only)	6030
1900-2200	Sa	Welle 370	German	Europe	6080
2100-2300	24 Dec	NDR Gruss-an-Board	German	Europe (24 Dec only)	6155

Special transmissions are also made on demand. Some of the extra relays from Gavar are brokered by the Shortwave Service (Germany) and further details can be found at <<http://www.shortwaveservice.com/>>

#### Middle East & Caucasus on Mediumwave and Shortwave

A comprehensive guide to short and mediumwave radio stations in the Middle East and Caucasus. In country order, pdf format. Updated for B20 schedules.

<<http://bdxc.org.uk/mideast.pdf>>

(Compiled by Tony Rogers with thanks to Dave Kenny, Alan Pennington and members of the British DX Club; RUSdx #1107 of Nov 15; MW comment by wb Nov 15)

**ARMENIA / BULGARIA / SINGAPORE** - Upcoming frequency change of BBC effective November 30:  
0000-0100 NF5845 ERV 300 kW 100 deg to SAs English, ex5875

## 6

1830-1930 NF6140#SOF 100 kW 90 deg to WAs Persian, ex6170  
2200-2400 NF5845 SNG 250 kW 13 deg to EAs English, ex5890  
# bad news for 6140 kHz MRT 001 kW non-dir to WEu Port. R Onda ASBL  
\* to avoid on 6170 kHz KUJ 200 kW 325 deg to WEu German Voice of Korea  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 26)

**ARMENIA / GERMANY** - The Mighty KBC Radio via MBR FMO Nauen Germany / CJSC Yerevan Gavar Armenia, updated:

0000-0200 5960 N 125 kW 300 deg to ENAm English B-20, every Su  
2000-2200 6080 ERV 100 kW 305 deg to WEu English Fr December 25  
0900-1600 6095 N 125 kW 240 deg to WEu English Su December 27  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 8)

**ARMENIA / UZBEKISTAN** - Updated schedule of Radio Iran International as Nov 2:

0430-1200 11550 ERV\*100 kW 100 deg to NE/ME Persian, ex 0200-1400 UT  
1200-0430 6270 ERV 100 kW 100 deg to NE/ME Persian, ex 1400-0200 UT  
{\* rather RRTM Telecom Tashkent Uzbekistan bcast center, of Tashkent Shortwave Transmitting Station, wb.}  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 3)

**AUSTRALIA** - Reach Beyond Australia hat folgenden Wintersendeplan 2020/21 aus Kununurra:

1100-1130 11905 (100 kW, 335 degr) Japanisch  
1130-1200 11865 (100 kW, 335 degr) Rohingya. 1145 UTC Burmesisch  
1130-1200 11825 (100 kW, 340 degr) 1130-1145 Dzongkha, Mo Fr Nepali  
1145-1200 Mo - Fr Nepali, Di-Do Sa Tshangla, So Dzongkha  
1200-1330 11825 (100 kW, 310 degr) 1200-1215 Kurumba/Kannada, Sa Tamil,  
So Englisch. 1215-1230 Hindi, Sa Tamil, So Englisch,  
1230-1245 Hindi, Fr Punjabi. 1245-1300 Mo Telugu, Di Kurux,  
Mi Gujarati, Do Bengali, Fr Marwari? (angegebener Sprachcode  
mwr nicht existent), Sa Urdu, So Hindi. 1300-1315 Tamil,  
Sa So Chhattisgarhi? (Sprachcode cha=Chamorro offensichtlich  
falsch). 1315-1330 Mo Mi Fr Englisch, Di Sa Tamil,  
Do Malayalam, So Nepali.  
1200-1230 11945 (100 kW, 335 degr) Burmesisch, Mi Sa So Matu  
1230-1400 11875 (100 kW, 310 degr) 1230-1300 Hindi. 1300-1315 Mo Punjabi,  
Di Kurux, Mi Bhojpuri, Do Himachali, Fr Marathi,  
Sa So Chhattisgarhi?. 1315-1330 Mo Tamil, Di Telugu, Mi Hindi,  
Do Marathi, Fr Bengali, Sa Punjabi, So Oriya. 1330-1345 Hindi.  
1345-1400 Englisch  
2230-2300 15410 (100 kW, 5 degr) Sa So Japanisch

Dieser Sendeplan entspricht nicht den Anmeldungen bei <<http://www.hfcc.org>> die aber teils erkennbar fiktiv sind (z. B. Sendungen fuer Korea). Empfangsberichte werden unter folgender Anschrift per e-QSL bestaetigt: <radio -at-reachbeyond.org.au>  
(Alokesh Gupta-IND WOR Nov 14; via addx column hjb)

**BRAZIL [UNIDENTIFIED]** - 4925 kHz, Nov 25 at 0217 UT, JBA talk, equivalent VP signal to SoAmericans on 4940, 4885 kHz. Only 4925 kHz in EiBi is Korean numbers not at this hour but if on would not be propagating. WRTH 2020 has 5 kW Radio Rural, Tefe, Amazonas, Brasil as irregular. Aoki / NDXC shows 0930-0200 UT as if regular. Not reported lately, but found this from JRX in Brasil: "4925 kHz. Apr 15, 2020. 0313-0333 UT, Radio Educacao Rural de Tefe, Tefe-AM, in Portuguese. A musical program with variety songs; Female voice; A song; Male voice, ID and announcements; 0331 UT A song; 0333 UT Ends and sign-off. Poor reception." I don't get around to checking TWR Bonaire SDR for this until 0333 UT nothing there.  
(gh, hcdx and WOR Nov 25)

**CANADA [BULGARIA/France/Germany/Madagascar/Tajikistan/Uzbekistan]** -

Winter B-20 schedule of Bible Voice Broadcasting BVB:

0200-0230 11790 MDG 125 kW 50 deg to SAs English Thu  
0200-0215# 5900 SOF 050 kW 126 deg to NE/ME Arabic Dardasha 7  
0215-0230# 5900 SOF 050 kW 126 deg to NE/ME Arabic Dardasha 7  
0501-0516 9450 NAU 250 kW 120 deg to NE/ME Arabic/English Fri

0600-0615	9440	NAU	125	kW	180	deg	to	NAF	Arabic Dardasha 7
1200-1300	6240	TAC	100	kW	163	deg	to	SAs	Urdu Sa, not 9370
1200-1230	17650	MDG	125	kW	45	deg	to	EAs	English Sa
1230-1245	21480	MDG	125	kW	80	deg	to	SEAs	En 1st & 3rd Su
1300-1330*	7555	DB	100	kW	71	deg	to	EAs	English Mon-Wed/Fri
1300-1330	7555	DB	100	kW	71	deg	to	EAs	Korean Sa/Su
1400-1430	11900	NAU	250	kW	102	deg	to	SAs	English 1st Sa
1430-1500	11900	NAU	250	kW	102	deg	to	SAs	English Sa
1630-1700	11875	ISS	100	kW	135	deg	to	CAf	Nuer Daily
1715-1730	5995	SOF	50	kW	126	deg	to	NE/ME	Arabic Mon/Wed
1715-1745	5995	SOF	50	kW	126	deg	to	NE/ME	Arabic Thu/Fr/Sa
1745-1800	5995	SOF	50	kW	126	deg	to	NE/ME	Arabic Dardasha 7
1600-1630	11790	NAU	250	kW	142	deg	to	Eaf	Oromo Su-Tue
1630-1700	11790	NAU	250	kW	142	deg	to	Eaf	Somali Sa/Su
1630-1730	11790	NAU	250	kW	142	deg	to	Eaf	Amharic Tue
1700-1730	11790	NAU	250	kW	142	deg	to	Eaf	Amharic Wed/Thu
1730-1800	11790	NAU	250	kW	142	deg	to	Eaf	Amharic Su
1730-1800	11790	NAU	250	kW	142	deg	to	Eaf	Tigrinya Tue/Wed
1800-1830	9715	MOS	100	kW	115	deg	to	NE/ME	English Thu
1800-1815	9715	MOS	100	kW	115	deg	to	NE/ME	English Fr
1830-1930^	9715	MOS	100	kW	115	deg	to	NE/ME	English Sa/Su
1800-1900	7365	NAU	100	kW	105	deg	to	WAs	Persian Thu
1800-1830	7365	NAU	100	kW	105	deg	to	WAs	Persian Fr
1800-1830	7365	NAU	100	kW	105	deg	to	WAs	Arabic Sa
1830-1900	7365	NAU	100	kW	105	deg	to	WAs	Persian Tue/Su
1830-1845	7520	DB	100	kW	71	deg	to	EAs	Korean Sa/Su
1915-1930	5935	NAU	250	kW	125	deg	to	WAs	English Su
1930-2015	6080	NAU	125	kW	133	deg	to	NE/ME	English Su
1931-1945	5900	SOF	100	kW	195	deg	to	Eaf	Arabic Dardasha 7
1945-2000	9400	SOF	100	kW	126	deg	to	NAF	Arabic Dardasha 7

# not 0300-0330 UT; \* extended Fri to 1330 UT; ^ ex1800-2000UT

#### Radio Voice of Steadfastness Sawt Al-Somood

1500-1530	17545	ISS	150	kW	120	deg	to	Eaf	Arabic Sa is deleted
1530-1600	17545	ISS	150	kW	120	deg	to	Eaf	Tigrinya Sa

This is Bayto Yiaki as per the WRMI schedule. I checked last week and confirmed this ID, (it did not identify as Sawt al Samood last week and appears to be a different station.)  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 7)

**CHINA** - B-20 season shortwave schedule of Beibu Bay Radio. According to Cahcn Information site, B20 shortwave (5050/9820 kHz) transmission schedule of Beibu Bay Radio (Voice of Guangxi Beibu Wan), in Nanning, China, is as follows:

#### Evening 0945-1600 UT

0945-1130 ?Standard Chinese (1100-1130 Relay of CCTV-1 News)  
 1130-1200 Cantonese  
 1200-1300 ?Vietnamese  
 1300-1330 ?Standard Chinese  
 1330-1335 Mon Khmer Tue Lao Wed/Sa Burmese Thu/Su Thai Fr Vietnamese  
 1335-1400 Standard Chinese  
 1400-1500 ?Relay of CRI Vietnamese  
 1500-1520 Standard Chinese  
 1520-1530 ?Cantonese  
 1530-1600 ?Thai

#### Morning 2248-0102 UT

2248-2300 ?Test Music  
 2300-0102 ?Standard Chinese  
 (2300-0100 Relay of CCTV-13 Morning News, 0100-0102 Alert of COVID-19)

Original item is shown at <<https://cahcn.github.io/posts/2020-10-25-Beibu-Bay-Radio.html>>  
 (Takahito Akabayashi-JPN, direct and WOR Nov 6)

B-20 Winter schedule CNR domestic changes. Thanks very much to Hiroshi for the following details:

Xinjiang PBS Winter frequencies effective from 1100 UTC on November 13, 2020:

Uighur 2300-1800 (Tue. 0800-1100 off the air, maintenance)

3990 2310-0300, 1135-1800  
 4980 2310-0300, 1135-1800  
 6120 2310-0300, 1200-1800  
 7205 2310-0300, 1225-1800  
 7275 0300-1200  
 9560 0245-1200  
 11885 0250-1200  
 13670 0300-1225

Chinese 2300-1800 (Tue. 0800-1100 off the air, maintenance)

3950 2310-0257, 1145-1800  
 5060 2310-0300, 1135-1800  
 5960 2310-1800  
 7260 0257-1200  
 7310 2310-0300, 1200-1800  
 9600 0300-1200  
 11770 0250-1200

Mongolian 2330-0330, 0530-1030, 1230-1800

(Tue. 0800-1100 off the air, maintenance)

4500 2340-0330, 1210-1800  
 6190 2340-0330, 1210-1800  
 7230 0510-1050  
 9510 0510-1050

Kazakh 2330-1800 (Tue. 0800-1100 off the air, maintenance)

4850 2340-0328, 1158-1800  
 6015 2340-0348, 1150-1800  
 7340 0328-1158  
 9470 0348-1150

Kyrgyz 0330-0530, 1030-1230

7295 0310-0530, 1010-1230  
 9705 0330-0530, 1010-1230

(Hiroshi via Ron Howard-CA-USA, wwdxc BC-DX TopNews Nov 15)

**CHINA / ALBANIA** - RADIO EJANI on 6020 kHz heard at 1900-1957 UT has caused confusion. This is the CRI service in Albanian using the superpower tx in Shijiazhuang and carrying the program of the China-owned FM station Radio Ejani (Radio Come! in Albanian) broadcasting from Tirana and Durrës on 106.0 MHz since 2013.

Pop music programs with frequent IDs "Radio Ejani" and final CRI announcement in Albanian from Beijing during the 1-hour transmission. The tx then carries CRI in Polish at 2000 z.  
 (Ullmar Qvick, Norrkoeping-SWE, Nov 22)

6020 kHz 500 kW SZG Shijiazhuang original location; this bcast center in China, has extreme 4 x 8 rows curtain antenna installation, even during Vietnam vv US war in the 60ties and 70ties served signals towards Cerrik Albania Radio Peking European relay site in central Albania, and boost as Radio Peking English program relay to US eastcoast states audience with 300 kW of power on 7120 kHz in that era.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Nov 12)

**CUBA** - Full B-20 schedule of R. Habana Cuba 17 Nov 2020 - 28 March 2021:

Received an PDF file of Radio Habana Cuba B-20 schedule, coming into effect on November 17th, 2020; thanks to Jean-Michel Aubier-F and Glenn Hauser-OK-USA. Radio Havana Cuba has updated its website:  
 <<http://www.radiohc.cu/es/de-interes/frecuencias>>

TRASMISIONES DE ONDA CORTA EN ESPANOL, INGLES, FRANCES, PORTUGUES, QUECHUA, ARABE, CREOLE Y ESPERANTO; DIRIGIDAS A AMERICA, EUROPA, AFRICA Y MEDIO ORIENTE.



Program schedule, but a lot of frequencies and times given are outdated of previous seasons  
 <<http://www.radiohc.cu/en/de-interes/programacion>>

Regards:

It is our purpose to initiate the use of B19 season for days 16 and 17 of November, 2019  
 {or rather start in B-20 on Tuesday November 17, 2020 wb.}

Now we are with a provisional scheme with one hour shift, because from day 2 the time in Cuba changed for UTC minus 5hrs.

Sincerely,  
 Arnaldo

0000-0100	6000	QVC	250	10	ENAm	Spanish	Mon-Thur	"Mesa Redonda"	towards Washington DC, USA
0000-0100	11950	BAU	100	340	WNA	Spanish	Mon-Thur	"Mesa Redonda"	towards Chicago USA
0000-0500	11670	BAU	100	130	SAm	Spanish			Rio de Janeiro
0000-0600	15230	QVC	250	160	SAm	Spanish			Buenos Aires ex11700 kHz
0000-0600	11850	QVC	250	170	SAM	Spanish			Chile ... and two accompanied spurs nearby on 11840 and 11860 kHz.
0000-0500	6060	BAU	100	10	ENAm	Spanish			New York
0100-0700	6000	QVC	250	10	ENAm	English			Washington
0100-0700	9700	BAU	100	340	WNA	English			Chicago ex6145 kHz.
0500-0700	6060	BAU	100	10	ENAm	English			New York
0600-0800	6000	QVC	250	10	ENAm	English			Washington
0600-0800	6100	BAU	100	310	WNA	English			San Francisco
0800-0830	6100	BAU	100	310	WNA	Esperanto			Su only San Francisco
{1200-1300	6000	QVC	250	n-d	NCAm	Spanish			non-dir. deleted in B-20}

TITAN Quivican San Felipe antenna HQ2/2/0.2 non-directional }:

1200-1400	6100	BAU	100	340	WNA	Spanish			Chicago ex11950 kHz
1200-1600	9535	BEJ	100	230	CAM	Spanish			MEX-GTM-CTR-Panama
1200-1600	9650	BEJ	50	110	Ant	Spanish			Antilles ex7350 kHz
1200-1600	11760	BAU	100	n-d	NCAm	Spanish			non-directional
1200-1500	13740	BEJ	50	160	SAM	Spanish			Buenos Aires ex13780 kHz B-18
1400-1600	15140	BAU	100	130	SAM	Spanish			Rio de Janeiro
1300-1600	15230	QVC	250	305	SAM	Spanish			San Francisco
1400-1600	13700	BAU	100	310	WNA	Spanish			San Francisco
1600-1630	11760	BAU	100	n-d	NCAm	Esperanto			Su only
1600-1630	15140	BAU	100	10	ENAm	Esperanto			New York Su only, irregular
1600-1630	11760	BAU	100	n-d	NCAm	Spanish			non-dir Mon-Sa
1600-1630	15140	BAU	100	10	ENAm	Spanish			New York Mon-Sa
1630-1900	15140	BAU	100	10	ENAm	Spanish			New York daily
1630-1900	11760	BAU	100	n-d	NCAm	Spanish			non-directional
1900-1930	15140	BAU	100	340	WNA	Arabic			Chicago
1930-2000	15140	BAU	100	340	WNA	Creole			Chicago
2000-2100	15140	BAU	100	340	WNA	English			Chicago
2100-2130	15140	BAU	100	340	WNA	French			Chicago
2100-2130	11880	BAU	100	100	SAf	French			Africa ex7380
2130-2200	11880	BAU	100	100	SAf	Portuguese			Africa ex7380
2200-2300	11880	BAU	100	100	SAf	English			Africa ex7380
Bauta #3 antenna, HRS4/4/0.8, 130degr minus 30degr slewed									
2030-2100	15370?	BAU	100	40	WEu	French			Europe 13680?
Bauta A-2 antenna 10degr +30degr slewed									
2100-2130	15370?	BAU	100	40	WEu	Portuguese			Europe 13680?
2130-2200	15370?	BAU	100	40	WEu	Arabic			Europe 13680?
2200-2400	13680	BAU	100	40	WEu	Spanish			Europe ex15370
2200-0600	9535	BEJ	100	230	CAM	Spanish			MEX-GTM-CTR-Panama
2200-0500	9650	BEJ	50	110	CAR	Spanish			Antilles ex9640
2200-0300	11760	BAU	100	n-d	NCAm	Spanish			non-directional
2200-0500	13740	BAU	100	160	SAM	Spanish			Buenos Aires
Bauta tx #5 sometimes irregular on air, wb.									
2200-0000	11850	QVC	250	170	SAM	Spanish			Chile ... and two accompanied spurs on

11840 and 11860 kHz.  
 2300-2330 15230 QVC 250 160 SAm Portuguese Buenos Aires ex11700  
 2330-2400 15230 QVC 250 160 SAm Portuguese Buenos Aires ex11700  
 2330-2400 15730 BEJ 50 135 SAm Esperanto Su only to Rio de Janeiro, Buenos Aires  
 2330-2400 15730 BEJ 50 135 SoAm French Mo-Sa to Rio de Janeiro, Buenos Aires  
 0000-0030 15730 BEJ 50 135 SoAm Creole Rio de Janeiro, Buenos Aires  
 0030-0100 15730 BEJ 50 135 SoAm Portuguese Rio de Janeiro, Buenos Aires  
 0100-0130 15730 BEJ 50 135 SoAm French Rio de Janeiro, Buenos Aires formerly  
 QUECHUA language.

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

2200-2400 5040 BAU 100 n-d Cuba Spanish  
 0000-0100 5040 BAU 100 n-d Cuba English  
 0100-0130 5040 BAU 100 n-d Cuba Creole  
 0130-0200 5040 BAU 100 n-d Cuba French  
 0200-0600 5040 BAU 100 n-d Cuba Spanish  
 0600-0700 5040 BAU 100 n-d Cuba English

Transmitter sites:

BAU Bauta

BEJ Bejuca1

QVC Titan-Quivican San Felipe

Shortwave schedule of Radio Rebelde:

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

Shortwave schedule of Radio Progreso:

0030-0400 4765 BEJ 50 non-dir to Cuba Caribbean Spanish

(Received an PDF file bucket of Radio Habana Cuba B-20 schedule in Spanish and Mesa Redonda, English, French, Portuguese, Arabic, Esperanto Domingos only, Creole, Quechua, coming into effect on November 17th, 2020; thanks to Jean-Michel Aubier and Glenn Hauser.

B-20 schedule of hfcc.org database Oct 23, Valid 17 Nov 2020 - 28 March 2021:

CRI La Habana Quivican San Felipe TITAN 250 kW relay

TITAN tx #1 and #5.

0000-0100 5990 QVC 250 n-dir NAm Spanish  
 0000-0100 15120 QVC 250 160 SAm Spanish  
 0100-0200 6180 QVC 250 10 NAm English  
 0200-0300 6180 QVC 250 10 NAm Chinese  
 0300-0400 5910 QVC 250 305 WNAm English  
 0400-0400 5910 QVC 250 305 WNAm Cantonese  
 1200-1300 9570 QVC 250 10 NAm Cantonese  
 {1300-1400 9570 QVC 250 10 NAm English, not scheduled in B-20 hfcc  
 {1400-1500 15700 QVC 250 305 WNAm English, not scheduled in B-20 hfcc}  
 1500-1600 15700 QVC 250 305 WNAm English  
 2300-2400 5990 QVC 250 n-dir NAm English  
 2300-2400 13650 QVC 250 135 SAm Portuguese, music only.  
 (wb df5sx, wwdxc BC-DX TopNews, B-20 hfcc.org, Oct 23, 2020)

11880 kHz Nov 20 at 2239 UT, RHC English is finally on revived time and frequency for Africa, so the B-20 sked is at last going into effect, 3 days later than publicized and 26 days after it began for every station else. Only S7-S9 and noisy. Something's always wrong at RHC.

How about Spanish? Yes, B-20 frequencies also activated including after 2240 chex Nov 20:

11850 S=9+20dB overmodistorted ex-11800 kHz, and also the minus 10 JBA parasite on 11840 kHz; plus 10 on 11860 kHz there is also a carrier under the jamming needlessly continuing against no Marti. Same 11760 kHz is also OMD. 9650 kHz has good mod, S=9+10dB blocking attempt of Guinea to use just one frequency on the entire SW range, ex-9640 kHz and still // weaker 9535 kHz. New 13680 kHz also on and OMD, for Europe ex-15370 kHz or is it also ex-13740? kHz S=9+10/20dB. After 0100 UT in English look for 9700 ex-6145 kHz; after 0500 UT, 6060 kHz should be back.

9700 kHz, by 0205 UT Nov 21 on the R75 I am hearing this new RHC English frequency with much-delayed B-20 sked going into effect, but it's only S3-S5, much less than 6000 kHz which is S9 but undermodulated; and 9700 kHz pales by comparison with the bigsig next to it from 9690 kHz Spain.

9700 kHz, by 0333 UT Nov 21, this RHC has surged to S=9+20dB, now stronger and with more modulation than 6000 kHz. At 0452 UT checking 9700 kHz at Maine SDR, roughly equal collision, as predicted with Turkey in Turkish which was already there for B-20 at 04-07 UT; but at UTwente, only TRT.  
(gh, hcdx and WOR Nov 20 / 21)

9650 kHz Sunday Nov 22 at 1442 UT, RHC has managed to get back on new scheduled frequency, after misrunning 6950 kHz both morning and evening yesterday, replacement for 7350 kHz. Amid 'En Contacto' with Marta Rios, and then Prof. Arnaldo Coro Antich himself. Listened to a bit more of it on 13740 & 13700 kHz, without spurs today. Arnie is almost incomprehensible, babbling lickety-split you know, this almost sounds like he's artificially sped up.

Somewhere I have a cassette recorder with that feature, variable speed playback, so you can compress speech and listen to something in less time than originally, yet without raising the pitch as would happen by simply playing a reel tape faster. Is he really doing that in order to cram more content into limited time available? Something's always wrong at RHC. (gh, hcdx and WOR Nov 22)

9650 kHz RHC via Bejucal site, 50 kW, 110degr azimuth towards Antilles and Trinidad target. (wb)

Radio Habana Cuba on new 9700 kHz at 0700 UT on November 21:

0700-0710 6000 QVC 250 kW 10 deg to ENAm English & off air!  
0700-0800 6060 BAU 100 kW 10 deg to ENAm English not on air  
0700-0800 6100 BAU 100 kW 310 deg to WNAm English, is on air  
0700-0735 9700 BAU 100 kW 340 deg to WNAm English & off air!  
(Glenn Hauser-OK-USA, hcdx and WOR Nov 21)

Radio Habana Cuba on new 9700 kHz at 0600 UT on November 21:

0600-0700 5040 BAU 100 kW 083&263 to Carribean English not on air  
0600-0700 6000 QVC 250 kW 10 deg to ENAm English, is on air  
0600-0700 6060 BAU 100 kW 10 deg to ENAm English not on air  
0600-0700 6100 BAU 100 kW 310 deg to WNAm English, is on air  
0600-0700 9700 BAU 100 kW 340 deg to WNAm English, is on air  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 21)

**ECUADOR** - 6050 kHz HCJB - Pichincha, at 0027 UT Nov 16. fair signal 0027 UT playing El Condor Pasa by campesino street group with accoustic guitars, very rustic sounding, off key and charming. 0029 UT ID by OM in SS and QQ, f/by solo on pinkillo to open next pgm, preacher in QQ.

6050 kHz HCJB Pichincha, 0028 UT Nov 18. good signal 0028 UT with, again, that funky version of El Condor Pasa sung by group of street musicians and a couple beat-up acoustic guitars. Followed, again, by whistle / flute solo and then 0030 UT beginning of QQ pgm.  
(Ralph Perry-IL-USA, NASWA Flashsheet via WOR Nov 23)

**ETHIOPIA** - As to Civil War in Tigray region: In den letzten Monaten wurden nur noch die zwei ETH Stationen gehoert.

6090 ETH Radio Amhara Amharic aus Addis Ababa Gedja  
6110 ETH R. Fana Amharic and Oromo aus Gedja

5940 ETH R.Deegaanka Soomaalida Somali aus Jijiga  
5950 ETH VO Tigray Revolution Tigre aus Addis Ababa Gedja  
6030 ETH Radio Oromiya Afar aus Addis Ababa Gedja  
wurden nicht mehr gehoert. (wb)

**FRANCE / GERMANY** - Some changes of clandestine broadcasts via MBR FMO Nauen and TDF Issoudun bcst center from Nov 1:

Voice of Oromo Liberation

1700-1730 9610 NAU 100 kW 144 deg to Eaf Afan Oromo Wed/Fri/Su  
1730-1800 9610 NAU 100 kW 144 deg to Eaf Afan Oromo Wed, deleted

Dandal Kura Radio International

1800-1830 9850 F 100 kW 167 deg to CAf Kanuri, ex1800-1900 UT  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 6)

**GERMANY** - Winter B-20 single day Christmas broadcasts via Media Broadcast

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

1900-2100	6030	ERV	100	kW	305	deg	to	W/Central Europe	German
1900-2100	6080	N	125	kW	250	deg	to	Northern Atlantic	German
1900-2100	9570	OE	100	kW	115	deg	to	Indian Ocean East	German
1900-2100	9740	N	125	kW	130	deg	to	Indian Ocean West	German
1900-2100	9800	F	250	kW	148	deg	to	Indian Ocean/SoAF	German
1900-2100	11650	F	250	kW	195	deg	to	Southern Atlantic	German
2100-2300	6145	N	125	kW	250	deg	to	Northern Atlantic	German
2100-2300	6155	ERV	100	kW	305	deg	to	W/Central Europe	German
2100-2300	9590	F	250	kW	148	deg	to	Indian Ocean/SAf	German
2100-2300	9675	OE	100	kW	115	deg	to	Indian Ocean East	German
2100-2300	9740	N	125	kW	130	deg	to	Indian Ocean West	German
2100-2300	9830	F	250	kW	195	deg	to	Southern Atlantic	German

Radio60! and Studio 52 will be back on shortwave again via MBR

1200-1400	5990	N	125	kW	233	deg	to	WEu English/Dutch	Fr	January 1
1100-1400	6045	N	125	kW	233	deg	to	WEu English/Dutch	Sa	January 2

And other unknown broadcasts will be aired via Media Broadcast MBR Nauen

1300-1400	5935	N	125	kW	233	deg	to	WEu unknown stn	Tue	December 22
-----------	------	---	-----	----	-----	-----	----	-----------------	-----	-------------

probably Foerdereverein Sender Koenigs Wusterhausen.  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 8)

**TEXAS RADIO SHORTWAVE ANNOUNCES ITS CHRISTMAS MUSIC PROGRAM SCHEDULE**

GULF OF MEXICO, November 17, 2020 - Texas Radio Shortwave, an American free radio station, today announces the schedule for its Christmas music programs via three international shortwave stations.

Texas Radio Shortwave will reprise its Christmas 2019 program on December 19 and 20:

December 19 – Via Channel 292 (Rohrbach, Germany): 0900 UTC on 6070 kHz and 1800 UTC on 3955 kHz

December 20 – Via WRMI (Okeechobee, Florida USA): 0300 UTC on 5800 kHz (December 19 in NAM)

On Christmas Eve and Day, the Texas Radio Shortwave program will feature music by Texas artists on the following schedule:

December 25 – Via WBCQ (Monticello, Maine USA): 0400 UTC on 7490 kHz (Christmas Eve in NAM)

December 25 – Via Channel 292 (Rohrbach, Germany): 1900 UTC on 3955 kHz and 6070 kHz

December 26 – Via WRMI (Okeechobee, Florida USA): 0300 UTC on 9395 kHz (Christmas Day in NAM).

Texas artists will include Beto y Los Fairlanes, Eric Johnson and Van Wilks, and Marcia Ball.

Texas Radio Shortwave will send different limited-edition electronic verifications for the December 19/20 and December 25/26 programs to listeners submitting correct, detailed reception reports for the broadcasts. The email address is <texasradiosw@gmail.com>.

Reception reports should include times, song titles, the text of announcements, a SINPO/SIO signal rating, information on the listener's receiver and antenna, and comments on the program content. Listeners should mention if they use a remote software-defined radio (SDR) and the receiver's location. Audio clips are welcomed.

Texas Radio Shortwave sails in international waters off the South Texas coast. Its programs are regularly broadcast in Europe and North America.

Texas Radio Shortwave

Sailing into your ears from the Lone Star State

<<https://www.facebook.com/texasradiosw>>

**TEXAS RADIO SHORTWAVE ON 9670 kHz FOR NORTH AMERICA.**

LONG PATH AZIMUTH TOWARDS AUSTRAL ASIA; in good old days, some 40 - 50 years back the European Broadcaster also used the longer path for proper shortwave signals from central Europe towards AUS / NZL / Tahiti Pacific target via 265 degrees azimuth at our mornings 07.00 - 09.00 GMT. Path along via Azores, Colombia, Ecuador, EasterIsl, souther Pacific Ocean into Tahiti, NZL and AUS.

acc ch292 table picture

<[https://www.channel292.de/s/cc\\_images/cache\\_2484213972.jpg?t=1604661534](https://www.channel292.de/s/cc_images/cache_2484213972.jpg?t=1604661534)>  
 the 248degrees path I would recommend for downunder Pacific reception ...  
 (wb df5sx, hcdx & wwdxc BC-DX TopNews Nov 7)

I'm hearing a decent signal with non-stop music on 9669.86kHz since before 0300 UTC today Saurday 7th which I suspect is Channel 292 testing for tomorrow's planned transmission by Texas Radio Shortwave at 0300 UT.  
 (Bryan Clark, Mangawhai-NZL, WOR & hcdx Nov 7)

Tnx for the heads up Bryan! R. Channel 292 with nice S4 signal into NZ at 0645 UT tune with "Crusader Radio" religious program, jingle IDs at 0700.5 UT and into non-stop rock at 0701 UT. Freq has drifted down a bit to 9669.85 kHz. Better hrd here than in ECNA on previous nights this week, probably due gray line reception from Western Europe to NZ and the beam being used (Beam "45" is being shown on the 9760 kHz schedule).  
 (Bruce Churchill-CA-USA, hcdx Nov 7)

#### **GUAM** - Upcoming frequency changes of Adventist World Radio from Nov 9:

1300-1330 NF 9470 SDA 100 kW 285 deg to EAs Chinese Mon-Fri, ex9930 TRM  
 1300-1330 NF 9470 SDA 100 kW 285 deg to EAs Uighur Sa/Su, ex9930 TRM  
 1430-1500 11955 SDA 100 kW 285 deg to SEAs Manumanaw Karen, ex same TRM  
 1430-1500 NF12085 SDA 100 kW 285 deg to SEAs Manumanaw Karen, ex15530 TRM  
 1500-1530 NF12085 SDA 100 kW 285 deg to SAs Lushai, ex15530 TRM  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 7)

**IRAN** - 6060even VolRIB 500kW powerhouse of Zahedan (requested) site Arabic sce til 02.30 UT, Holy Quran singer noted at S=9 or -73dBm powerful level.

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

**IRAN [SAUDI ARABIA / U.K. / ARMENIA / UZBEKISTAN]** - 6270 - 11550 kHz The Saudi Arabia financed broadcaster 'Iran International' from London-U.K. in Persian language, has been heard loud and clear in Austria on 6270 kHz via CJSC Yerevan Gavar Armenia relay bcast center. 11550 kHz via RRTM Telecom Tashkent Uzbekistan bcast center; Tashkent Shortwave Transmitting Station.

At 21 UTC, 12 minutes of news come in, followed by 3 minutes Station announcements. In addition to Iranian (pop) music, - of course contributions critical of Iran. Who knows if the broadcaster also confirms reception reports?

I have found out the following e-mail addresses, whether they can be used I don't know (yet):

<info -at- iranintl.com> and <info -at- volantmedia.net>  
 Volant Media is the London company behind it.  
 (Harald Suess-AUT, A-DX newsgroup Nov 11)

#### **JAPAN** - Frequency changes of JSR Shiokaze / Sea Breeze November 25:

1300-1400 NF6085 YAM 300 kW 280 deg to NEAs various langs, ex6145  
 1300-1400 NF7310 YAM 300 kW 280 deg to NEAs various langs, ex7295  
 1300-1330 Japanese Mon/Tue/Sa/Su; Korean Wed/Fr and English Thu;  
 1330-1400 Korean Wed/Fri/Sa/Su; Japanese Mo/Tue and English Thu.  
 1600-1700 NF5955 YAM 300 kW 280 deg to NEAs various langs, ex5990  
 1600-1700 NF7285 YAM 300 kW 280 deg to NEAs various langs, ex6085  
 1600-1630 Japanese Mon/Tue/Sa/Su; Korean Wed/Fr and English Thu;  
 1630-1700 Korean Wed/Fri/Sa/Su; Japanese Mo/Tue and English Thu.

And frequency changes of Furusato no Kaze via JSR Shiokaze November 25:

1405-1435 NF6070 YAM 300 kW 280 deg to NEAs Japanese Daily, ex6045  
 1405-1435 NF7325 YAM 300 kW 280 deg to NEAs Japanese Daily, ex7270  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 25)

**KOREA REP. OF [South]** - B20 schedule for KBS World Radio, Seoul, in English  
 (note new 11810 to Europe from 1500-1700)

0200-0300 SAm 9580 0800-1030 SEAs 9770

# 14

1300-1400 NAm 15575 1300-1400 SEAs 9570  
1400-1600 SAs 9630 1500-1700 Eu 9515 - not 11810  
1600-1700 SEAs 9640 2200-2300 Eu 11810  
(KBS web site; via BrDXC-UK Nov 14)

Nov 23 (Monday) observed frequencies:

VOP: 3480 (best reception) // 3910 // 3930 // 4450 // 6520 // 6600 kHz, at 1048 UT; no change for the second consecutive week!

VOH: 3985 // 4880 // 5995 // 6245 // 6350 // 9095 kHz, at 1055 UT; all frequencies changed today.

Voice of Freedom: 5920 kHz, at 1100 UT, with fair reception (no jamming); start of program "Haengboghhan Daehanmingug" (Happy Republic of Korea). The super jamming from North Korea was still heard on 6045 kHz, while 6135 kHz was a clear frequency with no jamming.  
(Ron Howard-CA-USA, WOR and direct Nov 23)

**MALI** - 9635 kHz RTV du Mali Bamako at 0833 UT in French with a selection of lively Afropops and African hi-life vocals to 0858 UT and a man with ID and a slogan and more lively vocals to 0900 UT and a woman with ID then a man and woman with slogans then news - Good with slight fading Nov 28  
(Mark Coady-ON-CAN, WOR Nov 28)

**MONGOLIA** - Voice of Mongolia MNG, MNG 12084.876 Nov 21 09.37 UT, Nov 21, 12085 kHz:

0900-0928 MNG VOICE OF MONGOLIA Eng Ulaanbaatar  
0928-1000 MNG VOICE OF MONGOLIA Mon Ulaanbaatar  
1000-1030 MNG VOICE OF MONGOLIA Chi Ulaanbaatar  
1030-1100 MNG VOICE OF MONGOLIA Jap Ulaanbaatar

check also via Hong Kong KiwiNet server

<<http://vr2bg.proxy.kiwidr.com:8073/>>

MNG 12014.845 Nov 20 14.57 UT, and nearby - be carefull tuning :

KRE 12015.004 15.01 UT, Voice of Korea Kujang Japanese, S=7 in Hiroshima and Japan, 25 mb in winter season is too high. Nat Hymn at 15.01:20 UTC.

VTN 12018.650 11.04 UT Nov 20 Japanese // 9839.761 kHz. (wb.)

MNG 12084.876 kHz odd fq, Nov 25, 09.30 UT Japanese, 10.00 UT Chinese, S=9+10dB or -66dBm. (wb)

**NETHERLANDS** - Registered B20 schedules for licensed Dutch low power SW stations:

Mike Radio, Heerde: 0600-1200 Su on 6195 kHz 1600-2400 Wed/Fr/Sa on 3940 kHz  
Radio Onda, Margraten: 0000-2400 on 6140 in Portuguese [but still heard on 5940 on 1 Nov - Dave Kenny]  
Radio Piepzender, Zwolle: 1600-2400 daily on 3920 kHz (alt 15880)  
Radio Delta International, Elburg 0700-1800 Thu-Sa 6020 kHz 2100-0200 Fri/Sa 6005 kHz.

NB these are registrations not necessarily actual airtime.

Radio Classic Sunday is now on the air the last Sunday of the month from 1800-2100 UT on 3920 kHz via Radio Piepzender.

<<https://www.radioclassicsunday.com/>> (MM, AD)

(via BrDXC-UK Nov 14)

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

AM mode Daily

1959-2258 13840 RAN 50 kW 35 deg to All Pacific English

2259-0358 15720 RAN 50 kW 35 deg to All Pacific English

0359-0658 13840 RAN 50 kW 35 deg to All Pacific English, ex till 0758

0659-0958 11725 RAN 50 kW 35 deg to All Pacific English, ex from 0759

1259-1650 6115 RAN 50 kW 35 deg to All Pacific English

AM mode Mon-Fri

0959-1258 NF11725 RAN 100 kW 325 deg to NWPa/PNG/As English, ex9700 kHz

AM mode Sa/Sun

0959-1258 11725 RAN 50 kW 35 deg to All Pacific English, additional

AM mode Saturday

1651-1858 6115 RAN 50 kW 35 deg to All Pacific English  
 1859-1958 11725 RAN 50 kW 35 deg to All Pacific English

DRM mode Su-Fr

1651-1735 NF9780 RAN 35 kW 35 deg to Tonga/Samoa English, ex5975  
 1736-1835 NF9780 RAN 35 kW 35 deg to Tonga/Samoa English, ex7285  
 1836-1958 11690 RAN 35 kW 35 deg to Tonga/Samoa English  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 9 + 25)

**PALAU** - Hope Radio is on the air via T8WH Angel 4 and T8WH Angel 5 on November 7.

T8WH Angel 3 not on air-launch date is not announced

from 0800 15680 HBN 100 kW 270 deg to SEAs English Sa Angel 4  
 from 0800 9965 HBN 100 kW 345 deg to NEAs English Sa Angel 5  
 NOT ON AIR 9930 HBN 100 kW 318 deg to EAs English Sa Angel 3  
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 7)

Re: Hope Radio via T8WH Angel 4 & 5 is on air November 7.

So things seem to clear up: Looks like they want to operate three transmitters, one as "Angel 3" on 9930 kHz on an antenna aiming at China, one as "Angel 4" on 15680 kHz aiming at South Asia and one as "Angel 5" on 9965 kHz aiming at Japan.

No signs for any frequency / antenna switching so far, hours of operation very limited and 9930 kHz transmitter apparently not ready yet at all.

You had a debate whether these WHR-style "Angel" designators refer to physical transmitters or merely program feeds:

It appears that in this WHR philosophy they were glued except for a possible use of aux transmitters, BUT: If I'm correct any third party programming never appeared on the public web streams and may have been fed entirely independently, considering the mention of Encompass-owned satellite downlink equipment at HRI Furman that has been explicitly excluded from the sale, simply because it is no property of Family Broadcasting.

By the way, for the time being WHRI is still on air, including third party transmissions, and KBS via US AGM Greenville remains so far a mere provision, or...?

The photos at <https://www.hoperadio.net/> show behind the radio, tuned to 9930 kHz, a Scientific Atlanta satellite receiver for the PowerVU encryption system. Makes me wonder whether it belonged to the former third party transmissions, but on the other hand they should have been ingested with Encompass equipment here, too. So rather a little souvenir of WHR, and perhaps indeed again in use now.

And the portrayed transmitter looks like a Harris SW-100 model. Still one of the three former Pifo transmitters or obtained from somewhere else? I think there had been a discussion that after the original set-up

<https://www.swcountry.be/plw.html>

more equipment had been moved in from other facilities, I understand in particular to replacing the two other, sixties vintage transmitters.

(Kai Ludwig-D, WOR Nov 7)

**PHILIPPINES** - 12120 kHz Radyo Pilipinas via US AMG Tinang-PHL bcast center at 1834 UT in Tagalog, occasional words or phrases in English, seemed to be a lengthy interview by a woman of possibly a government figure, sounded like several topics, ran through to 1925 UT when they began a series of jingles, announcements, music bridges and IDs, during this time it seemed to be all English, although signal was deteriorating, heard "the voice of the Philippines", "UTC", "MHz", "Radyo Pilipinas", 1928 UT choir singing National Anthem, audio cut at 1929 UT.

Started out fair to good, with fading, signal strength declined with time, also utility station QRM, // 9925 kHz covered the whole time by very strong tone and nothing on 15190, Nov. 26.

(Harold Sellers-BC-CAN, direct and WOR via wwdxc BC-DX TopNews Nov 27)

**TAIWAN** - Radio Taiwan International's Korean shortwave service will resume on Dec 13th. Test broadcasts are held from Dec. 1st to 3rd. The schedule is as follows.

1030-1100 UT 9610 kHz  
 2200-2230 UT 5955 kHz

2300-2330 UT 9430 kHz

Reception reports can be sent to  
<Paijennifer -at- rti.org.tw>  
SWL : HL2-0112B,  
Kwon DaeGeun  
P.O.Box 67, Suwon City,  
Gyeonggi, 16326  
South Korea  
(Nov 12)

**TAJIKISTAN** - 1100-1258 NF 7200 DB 200 kW 71 deg to NEAs Korean, ex7355 in B-19 season.

7200even TJK National Unity Radio on Nov 3rd noted western US music at 12.30-12.58 UT.  
12.30 UT John Denver: "West Virginia - Country Roads" song.

7200 kHz at 1100-1258 TJK Dushanbe Orzu site, National Unity Bc. Station in Korean language. S=9+15dB proper signal into Hiroshima and Tokyo Perseus SDR rxs remotely.

Program end at 12.58:05 UTC Nov 3rd, 10 kHz broadband proper signal.  
(wb df5sx, wwdxc BC-DX TopNews Nov 3)

7200 kHz, National Unity Radio, via Dushanbe Yangi Yul, 1145 UT on Nov 12. Very brief (about one and a half minutes) English language lesson; in Korean and one sentence in English ("I will finish on time today") repeated about four times; started and ended with the pop song "ABC" by the Jackson 5; seems to be a daily spot, as yesterday heard "I couldn't sleep last night due to insomnia"; good reception; NUR scheduled \*1100-1258\* UT.  
Website <<https://www.uni-media.net/?lang=en>>  
(Ron Howard-CA-USA, via wwdxc BC-DX TopNews Nov 12)

**TANZANIA** - 6015 kHz Zanzibar BC Corp., at 0344 UT on Nov 5. fair-good signal and in the clear at 0344 UT check (glad Tamazuj is sticking with the revised winter fqy of 6005! kHz). YL with high, sing-songy voice in vernacular reporting remotely, then a break for echo musical commercial and continuation of pgm. Then OM remote reporter chatting with her. Studio anchor a woman with lower, more dignified voice.  
(Ralph Perry-IL-USA, WOR Nov 9)

**U.S.A. [GERMANY / KOREA-South / KUWAIT / THAILAND]** - RFE/RL: Radio Mashaal terminated ?  
As on page #498 in WRTH 2020, schedule similar for RFE/RL Radio Mashaal mentioned in RMS monitoring log Nov 7 / 8, 2020

0400-0500	15760UD0	13580UD0	12110KWT	621KH0
0500-1000	15760UD0	13580KWT	12110KWT	621KH0
1000-1300	17880BIB	15760UD0	12110KWT	621KH0

Still entries under Urdu language in  
<<http://www.hfcc.org/data/b20/b20allx2.zip>>

<<http://www.hfcc.org/data/schedbyfmo.php?seas=B20&fmo=AGM>>

<<http://www.hfcc.org/data/schedbybrc.php?seas=B20&broadc=AGM>>

till 27 March 2021.  
(wb df5sx, hcdx & wwdxc BC-DX TopNews Nov 8)

USAGM RFE/RL Radio Mashaal is on air:

Winter B20 schedule of RFE/RL Radio Mashaal

0400-0500	12130	KWT	250	kW	78	deg	to	WAs	Pashto
0400-0500	13580	UD0	250	kW	300	deg	to	WAs	Pashto
0400-1500	15760	UD0	250	kW	300	deg	to	WAs	Pashto
0500-1000	12130	KWT	250	kW	78	deg	to	WAs	Pashto
0500-1000	13580	KWT	250	kW	70	deg	to	WAs	Pashto
0500-1000	15760	UD0	250	kW	300	deg	to	WAs	Pashto
1000-1300	12130	KWT	250	kW	78	deg	to	WAs	Pashto
1000-1300	15760	UD0	250	kW	300	deg	to	WAs	Pashto



1000-1300 17880 BIB 100 kW 85 deg to WAs Pashto  
(Ivo Ivanov-BUL, hcdx & WOR via wwdxc BC-DX TopNews Nov 9)

### U.S.A. - [GERMANY/PHILIPPINES/SAO TOME/THAILAND] -

Frequency changes of USAGM - Voice of America and Radio Farda

Voice of America from Nov 2:

2100-2130 NF5930 STP 100 kW 20 deg to WCAf French Mo-Fri, ex5995  
2130-2200 NF5930 STP 100 kW 20 deg to Waf Bambara Mo-Fri, ex5995  
2330-0030 NF9380 PH 250 kW 270 deg to SEAs Burmese, ex7480

Radio Farda from November 9:

1530-1730 NF7580 Lam 100 kW 108 deg to WAs Persian, ex7585  
1730-2130 NF7580 TH 250 kW 300 deg to WAs Persian, ex7585  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 6)

13:04:06 9390 (TIN) RFA KHME until 13.30 UT  
13:34:06 11675 (PHT) VOA KHME  
13:34:31 9335 (PHT) VOA KHME  
13:34:56 1575 (BAK) VOA KHME until 14.30 UT  
14:33:16 11750 (TIN) RFA KHME  
14:33:41 9720 (SAI) RFA KHME until 15.00 UT.  
2020-11-08  
22:03:16 9340 (PHT) VOA KHME  
22:03:41 7460 (PHT) VOA KHME  
22:04:06 5880 (PHT) VOA KHME  
22:04:31 1575 (BAK) VOA KHME until 22.30 UT  
22:32:51 11850 (TIN) RFA KHME  
22:33:16 9390 (SAI) RFA KHME until 23.30 UT

(US AGM RMS log; via wb df5sx, wwdxc BC-DX TopNews Nov 9)

### VATICAN STATE - Frequency changes of BBC via ENC-DMS Santa Maria di Galeria from Nov 4:

1730-1830 NF 7425 # VAT 250 kW 130 deg to EAf Amharic/Oromo/Tigrinya Mo-Fr, ex 7335 kHz  
1830-1930 NF 7425 \* VAT 250 kW 130 deg to EAf Amharic/Oromo/Tigrinya Mo-Fr, ex 7335\*kHz

# till 1800 UT on 7335 kHz BEI 500 kW 322 deg to SEEu Croatian China Radio Internat. co-channel !  
\* from 1900 UT on 7335 kHz JIN 500 kW 320 deg to SEu Portuguese China Radio Internat. co-channel !  
(Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 5)

### TAJIKISTAN / KUWAIT / MARIANA ISL. {Saipan, Tinian} / PHILIPPINES / THAILAND -

VoA and RFA Burmese in B-20 season:

VoA 0000	1575/TH-BAK	6150/TH-UDO	9335/PH	9380/PH
RFA 0030	7510/TJK	9510/TIN		
VoA 0130	9355/TH-UDO	11820/PH	15110/PH	
VoA 1200	11965/PH	15560/PH	17680/PH	
RFA 1230	11795/SAI	15110/KWT		
RFA 1330	11795/KWT	12055/TIN	13740/TIN	
RFA 1400	11795/KWT	12055/TIN		
VoA 1430	1575/TH-BAK	9335/PH	11870/PH	15450/PH
VoA 1530	1575/TH-BAK	9335/PH	11870/PH	
VoA 1600	9335/PH	11870/PH		

(wb df5sx, wwdxc BC-DX TopNews Nov 17)

### UNITED KINGDOM - B-20 SW schedules for BBC World Service in English:

BBCWS to Europe

0600-0700 3955-Wof (drm)

BBCWS to East & Southern Africa

0400-0500 9915-MDG

0500-0600 6195-ASC 12095-MDG 13860-UAE

0600-0700 7445-ASC 9410-STP 12095-VAT 13860-MDG 15400-MDG  
 0700-0800 12095-STP 13860-MDG 15400-MDG 15490-VAT  
 1500-1600 9410-CLN  
 1600-1700 7445-MDG 12065-UAE 17640-ASC  
 1700-1800 7265-MDG 7445-MDG  
 1800-1900 7265-MDG 7445-MDG 9410-UAE  
 1900-2000 6195-STP 7265-MDG 7445-MDG 9410-UAE

#### BBCWS to West and Central Africa

0500-0600 5875-VAT 6005-ASC  
 0600-0700 6005-ASC 7325-Wof  
 0700-0800 7325-STP 9410-STP 9915-ASC  
 1600-1700 17830-ASC  
 1700-1800 15400-ASC 17780-ASC 17830-ASC  
 1800-1900 9915-Wof 11810-ASC 15400-ASC  
 1900-2100 11810-Wof 12095-ASC  
 2100-2200 11810-ASC 12095-ASC (Mo-Fr)

#### BBCWS to East and South East Asia

1000-1200 6195-SNG 9580-SNG 9900-SNG 11945-SNG  
 1200-1300 11850-SNG  
 2200-2300 3915-SNG 5890-SNG 6150-PH 6195-SNG 7300-CLN  
 2300-0000 3915-SNG 5890-SNG 6195-SNG 11825-PH

#### BBCWS to Middle East

0300-0400 6195-CLN 7285-CLN

#### BBCWS to South Asia

0000-0100 5875-ARM 5970-CLN  
 0100-0200 5970-ARM 12095-SNG 0400-0500 7285-CLN 12095-CLN  
 0800-0900 15620-SNG (drm) 1500-1700 7485-SNG  
 1200-1300 12065-CLN 15310-CLN 1600-1700 7485-SNG  
 1300-1400 9410-CLN 12065-SNG 1700-1900 6195-CLN 7485-SNG  
 (via BrDXC-UK Nov 14)

**U.S.A.** - 15555-USB, Nov 17 at 1545 UT, gospel huxter at S5, so WJHR Milton FL is back! Had been missing since hurricane hit the Panhandle, and I've been alert for it in daily bandscans across here; altho possibly was on earlier but just not propagating.

First noted missing Sept 18 following Hurricane Sally, "The SWBC station, or rather glorified ham rig, most likely to have been blown away by Hurricane Sally, Milton FL near Pensacola. Seldom audible anyway. It will be of note if anyone definitely hear it again" to which Richard Langley replied Sept 26: "WJHR typically comes in well here in New Brunswick-CAN. Nothing heard this afternoon (26 September) when checked at 1724 UT, not even a weak carrier. Power doesn't appear to be out at the 5920 Oak Manor Drive, Milton, residence according to Gulf Power, so perhaps the antenna tower is down or there is other station damage. Will continue to periodically check 15555 kHz - Richard Langley". (via gh, WOR Nov 17)

#### **U.S.A. [BOTSWANA / KUWAIT / PHILIPPINES / SAO TOME / THAILAND / U.A.E. / U.K.] -**

B20 schedule for Voice of America in English on SW:

0300-0400 Af 4930-BOT 6080-STP 9775-BOT  
 0400-0500 Af 4930-BOT (SaSu) 4960-STP 6080-STP 9775-BOT  
 0500-0600 Af 4930-BOT 6080-STP 15580-BOT  
 0600-0700 Af 6080-STP 9550-STP 15580-BOT  
 1130-1200 SAs 12030-PH 12125-TH 15715-udo Learning English (Sa/Su only)  
 1400-1500 Af 4930-BOT 15580-BOT 17885-BOT  
 1500-1600 Af 4930-BOT 7455-BOT 15580-BOT 17895-STP  
 1600-1630 Af 4930-BOT 6080-STP 15580-BOT 17895-BOT  
 1630-1700 Af 4930-BOT 6080-STP (Sa, Su) 15580-BOT (Sa, Su) 17895-BOT  
 1700-1730 Af 6080-STP 11850-KWT 15580-BOT (Sa, Su) 17895-BOT  
 1730-1800 Af 6080-STP 11850-STP 15580-BOT 17895-BOT  
 1800-1900 Af 4930-BOT (Sa, Su) 11610-TH 15580-BOT  
 1900-2000 Af 4930-BOT 13590-STP 15580-BOT  
 2000-2100 Af 4930-BOT 4960-STP## (Sa, Su) 6195-BOT 15580-BOT

2100-2200 Af 6195-B0T

B20 Schedule for VOA South Sudan in Focus:

1630-1700 Af Mo-Fr 11850-UAE 13865-Wof 15180-STP  
(via BrDXC-UK Nov 14)

## U.S.A. [ARMENIA/BULGARIA/GUAM/MADAGASCAR/ROMANIA/TAJIKISTAN/ZAMBIA] -

Updated B-20 shortwave schedule of AWR "Wavescan":

0230-0300	5800	RMI	100	kW	160	deg	to	LAm	English	Su
0230-0300	7780	RMI	100	kW	044	deg	to	WEu	English	Su
0300-0330	9395	RMI	100	kW	355	deg	to	ENAm	English	Su
0430-0500	4840	WCR	100	kW	040	deg	to	ENAm	English	Su
0600-0630	9680	LUV	100	kW	000	deg	to	SAF	English	Su
0600-0630	11680	LUV	100	kW	315	deg	to	WAF	English	Su
0930-1000	5950	RMI	100	kW	285	deg	to	MEX	English	Su
1130-1200	15770	RMI	100	kW	044	deg	to	WEu	English	Su
1200-1230	9510	SAF	100	kW	300	deg	to	WEu	English	Su
1430-1500	9955	RMI	100	kW	160	deg	to	LAm	English	Su
1530-1600	6155	DB	100	kW	125	deg	to	SAs	English	Su
1600-1630	9580	ERV	300	kW	125	deg	to	SAs	English	Su
1600-1630	17730	MDG	250	kW	035	deg	to	SAs	English	Su
1800-1830	4965	LUV	100	kW	000	deg	to	SAf	English	Su
1800-1830	6065	LUV	100	kW	315	deg	to	WAF	English	Su
2200-2230	11990	SDA	100	kW	255	deg	to	SEAs	English	Su
0100-0130	7780	RMI	100	kW	044	deg	to	WEu	English	Mon
0230-0300	9955	RMI	100	kW	160	deg	to	LAm	English	Mo
0300-0330	9395	RMI	100	kW	355	deg	to	ENAm	English	Mo
0330-0400	5985	RMI	100	kW	222	deg	to	CAM	English	Mo
0800-0830	5850	RMI	100	kW	315	deg	to	WNAm	English	Mo
0800-0830	7730	RMI	100	kW	285	deg	to	MEX	English	Mo
1415-1445	9955	RMI	100	kW	160	deg	to	LAm	English	Mo
1730-1800	4965	LUV	100	kW	000	deg	to	SAf	English	Mo
1730-1800	6065	LUV	100	kW	315	deg	to	WAF	English	Mo
0030-0100	7730	RMI	100	kW	285	deg	to	MEX	English	Tue
0130-0200	5010	RMI	100	kW	181	deg	to	CAR	English	Tue
0130-0200	5850	RMI	100	kW	315	deg	to	WNAm	English	Tue
0130-0200	7780	RMI	100	kW	044	deg	to	WEu	English	Tue
0300-0330	5800	RMI	100	kW	160	deg	to	LAm	English	Tue
0430-0500	9955	RMI	100	kW	160	deg	to	LAm	English	Tue
1930-2000	7290	SOF	50	kW	306	deg	to	WEu	English	Tue
2330-2400	9955	RMI	100	kW	160	deg	to	LAm	English	Wed
0030-0100	7730	RMI	100	kW	285	deg	to	MEX	English	Thu
0130-0200	5950	RMI	100	kW	285	deg	to	MEX	English	Thu
0130-0200	7780	RMI	100	kW	044	deg	to	WEu	English	Thu
0130-0200	9395	RMI	100	kW	355	deg	to	ENAm	English	Thu
0200-0230	9955	RMI	100	kW	160	deg	to	LAm	English	Fri
0100-0130	7780	RMI	100	kW	044	deg	to	WEu	English	Sa
0400-0430	9955	RMI	100	kW	160	deg	to	LAm	English	Sa
1600-1630	17775	VOH	100	kW	100	deg	to	CAM	English	Sa
2300-2330	7780	RMI	100	kW	044	deg	to	WEu	English	Sa
2330-2400	9955	RMI	100	kW	160	deg	to	LAm	English	Sa

(Ivo Ivanov-BUL, direct, hcdx & WOR via wwdxc BC-DX TopNews Nov 14)

## ZAMBIA - New schedule of Voice of Hope VOH Africa from November 14:

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

Resume morning broadcasts, adding program in Swahili & closing the evening English a half hour earlier at 2100 UT,

instead of 2130 UT.  
(Ivo Ivanov-BUL, direct, hcdx & WOR via wwdxc BC-DX TopNews Nov 14)

*There was some heavy rain in the region to serve the hydro power stations now. (we)*

\*\*\*\*\*

**Editor's info desk was closed for this edition on December 5th, 2020, at 16:16 hours UTC. Please also see the "List of Broadcasts in German" (Hörfahrplan Deutsch) updated regularly on the WWDXC website.**

\*\*\*\*\*

**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), Kil - Kall/DL, KOR = (South) Korea, Ku = Kununurra/Aus, Kun = Kunming/CHN, KWT = Kuwait, Lam = Lampertheim/DL, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, OM = Oman, Pan = Panaji/India, Row = Rohrbach Waal/DL, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland (ESWATINI), SZG = Shijazhuang/CHN, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya/ United Arab Emirates, Ur = Urumchi/CHN, Wil = Winsen/Luhe/DL, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

\*\*\*\*\*

**Editor:**

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

Used equipment:

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

\*\*\*\*\*

## Russia Exercises Long-Range Radio Electronic Warfare on Kola

The Northern Fleet's Centre of Radio-Electronic Warfare has rolled out and tested its Murmansk-BN complex which are designed to suppress enemy radio signals at distances of up to 5,000 kilometers.  
By Thomas Nilsen, November 04, 2020.

Read also:

<<https://www.arctictoday.com/russias-northern-fleet-prepares-for-a-long-range-test-of-the-tsirkon-hypersonic-missile/>>

<<https://www.arctictoday.com/putin-pledges-russian-superiority-in-the-arctic-with-new-icebreakers/>>

<<https://www.arctictoday.com/a-double-decker-train-has-begun-operations-linking-murmansk-to-the-rest-of-russia/>>

Deployment of the Murmansk-BN complex was organized as a tactical exercise, the press service of the Northern Fleet informs. From its base near Severomorsk, the vehicles with a full set of telescopic antenna masts and control units drove about 100 kilometers, including via terrain roads, to a closed-down airfield where the runway was used to park the trucks and raise the antennas. The Northern Fleet does not name the location.

However, it is possible to locate the exercise area. The Barents Observer has compared the video published on the YouTube channel of the Ministry of Defence with YouTube videos published by the paraglider community in the Murmansk region. Google Earth satellite images are also very helpful in determining the mountains in the horizon of the exercise video.

The runway is Kitsa Airfield, an abandoned military airbase near the village of Pushnoy, a few hundred meters from the main road E105 between Murmansk and Olenegorsk. But most interesting, the Google Earth images clearly show that this is not the first time the Northern Fleet's Radio Electronic Warfare unit has used this particular airfield.

Antennas, and the shadows of the antennas, are clearly visible in the satellite image. Four antenna-vehicles by the end of the runway, and another four some 350 meters down the landing strip. Just like the Defence Ministry video shows.

While the satellite image shows green leaves on the trees in the surroundings, the Defence Ministry video is late autumn. According to the press service of the Northern Fleet, the Murmansk-BN complex were deployed and defence protection was provided around. It is not said anything about if the system actually was activated. The powerful Murmansk-BN system is deployed at several locations in Russia, but two of them are dedicated to cover the Arctic region; this one on Kola, while the other is on the Kamchatka Peninsula in the Far East.

The system is modern, first operational on Crimea in 2014. The complex deployed by the Northern Fleet's Centre of Radio-Electronic Warfare in Severomorsk was tested in the period from 2016 to 2019. In the spring of 2019, the system was announced operative together with the Krasukha-2 and Krashukha-4, aimed at countering airborne radar systems like enemy missiles, The Barents Observer reported.

Together with the complex on Kamchatka, the system could then make a shield covering the entire Russian Arctic. While the Krashukha systems can jam satellite communications, GPS signals and drone communication, the Murmansk-BN is a short-wave system for radio reconnaissance, intercept and suppress enemy signals over the entire short-wave range at distances up to 5,000 kilometers.

That means its deployment on the Kola Peninsula in practice covers all of Scandinavia in whatever weather conditions. The distance from the abandoned Kitsa airfield to the Norwegian border at Jarfjord mountain near Kirkenes is 160 km, while the distance to Finland's border checkpoint RajaJooseppi in Lapland is 195 km.

Spokesperson Ragna Marie Henden with the Norwegian Communications Authority (Nkom) says in an email that "no jamming or interference with any Global Navigation Satellite System (GNSS) are registered over the last few days." Since 2018, the northeastern parts of Norway and Finnish Lapland have been regularly troubled by GPS jamming, of which Norwegian officials say were deliberately activated by Russian military electronic warfare units based on the Kola Peninsula.

Such long-ranged jamming happened during NATO's 2018 Trident Juncture exercise in Norway, but has also later jeopardized safety for civilian actors in the Kirkenes area, like search and rescue units, ambulance planes and civilian aviation at the airports in Norway's border region to Russia.

**(The Barents Observer; original sources not all stated)**



# DX LOGBOOK

## Logs around the clock

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

### SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	1250	353	D	Channel 292	English	E, ID, Rockpop, R. Mey	3010	SG
3955.0	1900	352	D	Radio DARC via Ch292	German	D, ID, 299; Mond	0811	SG
3955.0	2000	454	G	KBS via Woofferton	German	ID, MX: BTS bei AMA	0811	SG
3955.0	2100	453	G	KBS via Woofferton	French	ID, NX, rpt, MX	0711	SG
3975.0	1000	444	D	Shortwaveradio Winsen	English	E, ID, Rockpop, ann	2610	SG
3975.0	1420	444	D	Shortwaveradio Winsen	German	D, ID, Rockpop, ann	2610	SG
3975.0	1920	453	D	Shortwaveradio Winsen	Italian	ID, DX: KBS; RAE pp.	0811	SG
3985.0	1500	454	D	Radio Vatikan via Kall	German	IS, ID, NX Weltkirche	0511	SG
3985.0	1520	454	D	Radio Belarus via Kall	Spanish	S, ID, NX, rpts, MX	0511	SG
3985.0	1540	353	D	Radio Belarus via Kall	French	F, IS, ID, NX, MX, rpt	2510	SG
3985.0	1600	444	D	Radio Tirana via Kall	German	IS, ID, NX, HBF, MX	2910	SG
3985.0	1630	443	D	RSI via Kall	French	F, ID, NX, magazine	2910	SG
3985.0	1700	443	D	SRF via Kall	German	D, IS, ID, Echo der Zeit	2910	SG
3985.0	1900	352	D	RSI via Kall	German	D, ID, HBF, MX	0811	SG
3995.0	1505	343	D	HCJB Weenermoor	German	D, DX, KW-Historien	3110	SG
3955.0	1250	353	D	Channel 292	English	E, ID, Rockpop, R. Mey	3010	SG
5850.0	0802	553	USA	WRMI	English	AWR Wavescan # 613	2311	RL
5900.0	1900	343	BUL	RTI via Kostinbrod	German	D, ID, NX, Kultur	0411	SG
5900.0	1930	454	BUL	Bibel Voice via relay	Arabic	A, ID, ann, bible	0811	SG
5905.0	1200	454	D	DWD Pinneberg	German	D, ID, Seewetter, Wind	0311	SG
5920.0	1502	343	D	HCJB Weenermoor	German	D, ID, NX, DX	3110	SG
5920.0	2000	554	ROU	RRI	Spanish	S, IS, ID, NX, rpt	0811	SG
5925.0	1820	444	IRN	IRIB	Albanian	Alb, IS, ID, NA, Koran	0811	SG
5945.0	1830	454	TUR	TRT	German	D, IS, ID, NX, rpts, MX	0811	SG
5960.0	0000	553	D	Mighty KBC via relay	English	Dave Mason Show	2911	RL
5960.0	2300	454	TUR	TRT	English	E, IS, ID, NX, rpts, MX	0811	SG
5970.0	1558	454	CHN	CRI	German	D, MX, IS, ID, rpt	3110	SG
5980.0	2350	454	IRN	IRIB	Spanish	IS, ID, NA, Koran, NX	0811	SG
5990.0	1940	554	ROU	RRI	Romanian	Rom, rpt, ID, Popmx	0411	SG
6005.0	0940	343	D	Radio Belarus via Kall	German	D, ID, Musikzeit	2510	SG
6005.0	1000	453	D	RSI via Kall	English	E, ID, NX, rpt miners	0311	SG
6005.0	1030	453	D	RPI via Kall	German	D, ID, NX, TE, rpt	0311	SG
6005.0	1130	454	D	SRF via Kall	German	D, IS, ID, Rendezvous	2710	SG
6005.0	1200	343	D	RSI via Kall	English	E, ID, ann, magazin	0111	SG
6005.0	1230	343	D	RSI via Kall	French	F, ID, ann, magazine	0111	SG
6005.0	1300	454	D	VoMongolia via Kall	English	E, IS, ID, NX, rpt	0311	SG
6005.0	1330	454	D	Radio Tirana via Kall	English	E, IS, ID, NX, rpt	0311	SG
6005.0	1400	454	D	RSI via Kall	German	D, ID, HBF, MX	0811	SG
6005.0	1500	444	D	RSI via Kall	Spanish	S, ID, NX, rpts, MX	3110	SG
6005.0	1900	454	BUL	RTI via Kostinbrod	French	F, ID, ann, NX, WX, rpt	0411	SG

6010.0	1940	454	CVA	Vatican Radio	Latin	Latin, IS, Liturgy; Gebet	0811	SG
6010.0	1959	444	CVA	Vatican Radio	English	IS, MX, ID, Africa Sce	0411	SG
6040.0	1500	554	ROU	RRI	German	D, IS, ID, NX, Tourism	2510	SG
6070.0	0800	454	AUT	Superclan Radio relay	English	ID, Rockpop, mail-adr	0111	SG
6070.0	0900	454	D	RNI via Ch292	German	D, ID, Goldrausch	2510	SG
6070.0	1000	554	AUT	R. DARC via Moosbr	German	ID, 298; Afu; Technik	0111	SG
6070.0	1000	554	AUT	R. DARC via Moosbr	German	D, ID, 299; Mond	0811	SG
6070.0	1015	454	D	Channel 292	English	E, ID, Rockpop Oldies	2610	SG
6070.0	1030	454	D	Bibel BC via Ch292	English	E, bibel, ID, adr, prayer	0411	SG
6070.0	1100	454	D	Valley FM via Ch292	English	E, ID, Rockpop	0811	SG
6070.0	1100	454	D	Korches R. via Ch292	German	D, ID, Volksmusik	0111	SG
6070.0	1200	444	D	Free Radio Skybird	English	E, ID, MX, DX RNW	0811	SG
6070.0	1400	454	D	Radio Ohne Namen	English	ID, Folge 87; Music	0111	SG
6070.0	1400	454	D	Radio PowerRumpel	German	MX, ID, adr, ann, MX	0811	SG
6070.0	1455	454	D	RTI-HK-Ottenau Ch292	German	D, ID, RTI-HK-Ottenau	0811	SG
6085.0	1400	454	D	Radio Mi Amigo Int.	Multi	Multiling, ID, RockPop	0311	SG
6105.0	1530	454	CHN	CRI	Russian	R, ID, MX, rpt	0511	SG
6115.0	1058	343	D	SE-TA 2 via Hartenstein	German	D, IS, ID; Rockpop	0811	SG
6140.0	0900	554	AUT	Welle 370 via Mos	German	D, IS, ID, adr, Antennen	0111	SG
6150.0	1135	454	D	Europa 24	German	D, Pop, ID, adr, Pop	0411	SG
6160.0	1500	454	D	Shortwaveradio Winsen	English	E, ID, NX, ID, Rockpop	2610	SG
6170.0	2130	554	ROU	RRI	English	E, IS, ID, NX, rpt	0411	SG
6175.0	2200	554	CHN	CRI	Portuguese	P, IS, ID, NX, MX, rpt	0411	SG
6180.0	1200	454	D	DWD Pinneberg	German	D, ID, Seewetter, Wind	0311	SG
6180.0	1500	454	CHN	CRI	Russian	R, IS, ID, NX, MX, rpt	3010	SG
6180.0	1900	554	ROU	RRI	German	D, IS, ID, NX, Pop, rpt	0311	SG
6195.0	2100	343	STP	VOA-Relay	English	E, ID, NX, elections	0311	SG
7220.0	2310	454	ROU	RRI	English	E, ID, rpt forest, MX	0811	SG
7280.0	1930	444	VTN	VOV	French	F, ID, NX, rpt, MX	0411	SG
7280.0	2000	433	VTN	VOV	German	D, ID, NX, rpt, MX	0811	SG
7285.0	2000	433	CHN	CRI	English	E, ID, NX, rpt, MX	0811	SG
7310.0	2130	343	ROU	RRI	English	E, IS, ID, NX, rpt	0411	SG
7325.0	0142	554	ROU	RRI	English	DX Mailbag	2911	RL
7330.0	1500	554	ROU	RRI	German	D, IS, ID, Hörertag	0111	SG
7345.0	0700	554	ROU	RRI	German	D, IS, ID, NX, HBF	2610	SG
7350.0	2140	554	CHN	CRI	French	F, economy; ID; MX	0411	SG
7350.0	2300	554	CHN	CRI	English	E, ID, world today	0811	SG
7360.0	2320	444	IRN	IRIB	French	IS, ID, NA, Koran, NX	0811	SG
7365.0	1030	453	D	HCJB Weenermoor	German	ID, Bibel, Lied // 5920	0411	SG
7365.0	1900	554	CHN	CRI	Portuguese	P, IS, ID, NX, MX, rpt	0211	SG
7365.0	1959	454	CVA	Vatican Radio	English	IS, MX, ID, Africa Sce	0411	SG
7380.0	1558	454	CHN	CRI	German	D, MX, IS, ID, rpt	3110	SG
7780.0	2220	443	USA	RTI via WRMI	Spanish	S, rpt, MX, ID, adr, ann	0411	SG
7780.0	2230	443	USA	Radio Tirana via WRMI	English	E, IS, ID, NX, features	0411	SG
9265.0	2336	453	USA	WINB,Red Lion	English	Heavenly Sunshine	2111	RL
9275.0	1340	444	PHL	FEBC Radio Liangyou	Chinese	Ch, prayer, song, ID	0411	SG
9330.0	1059	443	USA	WBCQ WLC Radio	English	E, IS, ID, reIPX, adr	2610	SG
9390.0	1230	342	MRA	RFA-Relay	Khmer	Khmer, ID, ann, rpts	2610	SG
9395.0	0232	452	USA	WRMI	English	Interview Jeff White	2211	RL
9425.0	1600	343	KRE	Stimme Koreas	German	D, IS, NA, ID, MX, NX	3010	SG
9525.0	1500	444	CHN	CRI	English	E, IS, ID, NX, MX, rpts	2910	SG
9600.0	2100	554	CHN	CRI	English	E, IS, ID, NX, MX, rpts	0411	SG
9700.0	1215	453	NZL	Radio New Zealand	English	E, NX, ID, rpt, MX	0311	SG
9795.0	1400	454	CHN	CRI	English	E, IS, ID, NX, MX, rpts	0111	SG
9810.0	1410	454	ROU	R. Romania Actualidad	Romanian	Rom, ID, Pop // 11975	1211	SG
9870.0	1547	454	IRN	IRIB	Turkish	IS, ID, NA, NX	3110	SG
9940.0	1400	343	THA	RTWS	English	E, IS, ID, ann, NX	0411	SG

9950.0	1420	454	MDA	TWR via Kishinev	Vernacular	Vern, prayer bc, ID, adr	2610	SG
9990.0	1350	454	THA	Radio Farda	Persian	Persian, MX, ID, MX	0411	SG
11635.0	1040	454	CHN	CRI	English	E, ID, rpt markets	2610	SG
11640.0	1330	454	CHN	CRI	English	E, ID, rpt theatres	0811	SG
11780.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	2610	SG
11815.0	1400	554	TUR	TRT	Turkish	ID, NX, MX, rpt	1011	SG
11825.0	1229	352	AUS	Reach Beyond Australia	Hindi	Hindi, IS, ID, relPX	2710	SG
11825.0	1315	343	AUS	Reach Beyond Australia	English	E, ID, back to bible bc	3010	SG
11825.0	1329	454	ROU	RRI	Chinese	Ch, IS, ID, ann, NX	3010	SG
11875.0	1229	453	AUS	Reach Beyond Australia	Hindi	Hindi, IS, ID, relPX	2710	SG
11875.0	1315	454	AUS	Reach Beyond Australia	Punjabi	Punjabi, bible, ID, adr	0811	SG
11875.0	1345	454	AUS	Reach Beyond Australia	English	E, ID, spotlight: women	0811	SG
11880.0	1400	454	CHN	CRI	English	E, IS, ID, NX, rpts	3010	SG
11880.0	1400	454	CHN	CRI	English	E, IS, ID, NX, rpts	0811	SG
11935.0	1630	111	CVA	Radio Vatican		Interval signal	2111	RL
11975.0	1400	554	ROU	R. Romania Actualidad	Romanian	Rom, rpt, Pop // 9810	1211	SG
12035.0	1330	454	TUR	TRT	English	E, IS, ID, NX, rpt	2610	SG
12105.0	1300	343	GUM	KSDA-Agat	Vernacular	Vern, IS, ID, bible bc	0811	SG
12120.0	1245	454	PHL	FEBC Bocaue	Vernacular	Vern, prayer bc, ID, adr	0811	SG
13570.0	1240	454	CHN	CRI	French	ID, adr, rpt, Pop	0811	SG
13685.0	1130	443	MRA	RFA-Relay	Lao	Lao, rpt, ID, rpt	2710	SG
13750.0	1200	554	ROU	RRI	English	E, IS, ID, NX, rpts	2610	SG
13775.0	1425	454	ARS	Saudi Radio	Urdu	Urdu, Pop, ID, ann, rpt	0411	SG
13790.0	1200	554	CHN	CRI	English	IS, ID, NX, innovation	2710	SG
13845.0	1359	454	USA	TOM via WWCR	English	E, ID, prayer bc TOM	2610	SG
13845.0	1410	443	USA	WWCR	English	E, rpt election, ID	0411	SG
15140.0	2032	452	CUB	Radio Habana Cuba	English	Mailbag Show	2511	RL
15220.0	1000	554	CHN	CRI	Hungarian	Hung, IS, ID, NX, rpts	0411	SG
15225.0	1058	554	CHN	CRI	Czech	Czech, IS, ID, NX, rpt	0411	SG
15255.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	2610	SG
15270.0	1230	554	TUR	TRT	German	D, IS, ID, NX, rpt	2510	SG
15300.0	1030	454	F	RFI	French	F, ID, rpts Corona	2610	SG
15350.0	1115	554	TUR	TRT	Turkish	Turkish, ID, MX, rpt	0411	SG
15380.0	1200	554	ARS	Saudi Radio	Arabic	A, Gesang, ID, // 17895	0811	SG
15430.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	2610	SG
15460.0	1200	554	ROU	RRI	English	E, IS, ID, NX, rpt bears	2510	SG
15580.0	1500	454	BOT	VOA-Relay	English	E, ID, bordercrossing	1211	SG
15640.0	1420	443	CVA	R. Azadi - Free Afgh.	Vernacular	Vernacular, rpt, ID, cd	1211	SG
15665.0	1000	422	D	RFA-Relay	Tibetan	Tibetan, ID, ann, rpts	2710	SG
15690.0	1410	343	D	Radio Farda	Persian	Persian, MX, ID, MX	1211	SG
15770.0	1230	453	USA	TOM via WRMI	English	E, ID, adr, bible, prayer	0311	SG
15770.0	1310	443	USA	RAE via WRMI	French	ID, ann, NX, MX, ann	2610	SG
15770.0	1318	443	USA	RAE via WRMI	English	ID, ann, NX, MX, ann	2610	SG
15770.0	1327	443	USA	RAE via WRMI	Spanish	S, ID, ann, MX instr.	2610	SG
17490.0	1040	454	CHN	CRI	English	E, family rpt, ID, MX	2710	SG
17490.0	1225	554	CHN	CRI	English	E, ID, rpt business	0311	SG
17560.0	1125	444	THA	Radio Farda	Persian	Persian, MX, ID, MX	0411	SG
17570.0	1058	554	CHN	CRI	Czech	Czech, IS, ID, NX, rpt	0411	SG
17630.0	1420	343	MLI	CRI	English	E, Pop; rpt election, ID	0411	SG
17640.0	1100	554	ROU	RRI	French	F, IS, ID, NX, rpt	2610	SG
17705.0	1230	554	ARS	Saudi Radio	Arabic	A, ID, ann Mojad FM	0811	SG
17800.0	1200	444	ROU	RRI	English	E, IS, ID, NX, rpts	2610	SG
17885.0	1415	454	BOT	VOA-Relay	English	E, Pop; music hour, ID	0411	SG
17895.0	1200	554	ARS	Saudi Radio	Arabic	A, Gesang, ID, // 15380	0811	SG



21470.0	1200	444	ROU	RRI	English	E, IS, ID, NX, rpt	2610	SG
21580.0	1030	353	F	RFI	French	F, ID, rpt Corona	2710	SG
21690.0	1220	444	MDG	RFI	French	F, rpt EU, ann, ID	0811	SG

\*\*\*\*\*

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

- 5995.0 MALI Radio TV du Mail – Bamako, 2227-2257 Nov 6, music programming at tune in followed by station ID and news in French by a man announcer at 2230. Lively vocals at 2248. Fair signal.
- 6070.0 CANADA CFRX – Toronto, 2132-2212 Nov 26, long ad string with “News Talk 10-10 station IDs, news features, business news and traffic reports heard. Good signal.
- 6105.0 CHINA China National Radio 1 – Qiqihar, 2234-2252 Nov 14, man announcer speaking in the Mandarin language with news and several remote reports. Poor to fair signal.
- 6180.0 BRAZIL Radio Nacional Amazônia – Brasilia, 2303-2322 Nov 23, man announcer with Portuguese language talk, several nice station IDs and music programming. Good signal.
- 6180.0 CUBA China Radio International – Havana, 0102-0127 Nov 18, tuned in to listen to Radio Nacional Amazonia but this quickly covered RNA’s signal with man announcer in English with news about Covid infection rates, station ID at 0115 followed by program promotional announcements, Fair to good at peaks.
- 7255.0 NIGERIA Voice of Nigeria – Abuja, \*0557-0626 Nov 19, drum IS followed by man announcer with station ID and opening announcements in listed Hausa language followed by news. Poor to fair.
- 7295.0 FRANCE Radio Algerienne – Issoudun, 0504-0528 Nov 15, man announcer with news in the French language including various remote reports and a woman announcer. Instrumental music at 0513 signaling end of news followed by recitations. Good signal.
- 7345.0 ROMANIA Radio Romania International – Tiganesti, 0633-0644 Nov 17, woman announcer with world news in the English language. Station ID at 0637 followed by news about Romania with Pandemic information the main item. Fair.
- 9445.0 KOREA (North) Voice of Korea – Kujang, 2149-2219 Nov 4, music programming with a woman announcer with new sin Mandarin language at 2200. Return to musical selection sat 2213. Poor signal.
- 9525.0 CLANDESTINE Dengê Welat – Grigoriopol, 1947-2048 Nov 21, nice selection of vocals followed by a man announcer with news program in the Kurdish language with various remote reports. Back to music programming at 2042. Poor to fair.
- 11640.0 MALI China Radio International – Bamako, 2035-2107 Nov 4, tune in to the English service with a literature story feature followed by station ID, instrumental music and brief Chinese language lesson. A woman announcer with news at 2100. Fair to good.
- 11770.0 NIGERIA Voice of Nigeria – Abuja, 1837-1915 Nov 27, woman announcer hosting a program of news features in the English language service. Several good station IDs (“the English Service of the Voice of Nigeria”) with a Covid pandemic update before drums at 1857 followed by the Fulfulde language program at 1900. Good signal.
- 11965.0 MADAGASCAR African Pathways Radio – Mahajanga, \*1959-2017 Nov 4, open carrier followed by instrumental music opening and English language program (“Welcome to African Pathways Radio”), religious vocal selection followed by a talk about prisoner ministries. Good signal.
- 11985.0 MADAGASCAR Adventist World Radio – Talata Volonondry, 1938-1958\* Nov 17, man announcer with talk in Arabic language, woman with AWR website information, light music and some vocals. Good signal.
- 11995.0 FRANCE Radio France International – Issoudun, 1958-1959\* Nov 17, tune din to French language talk by a woman announcer with 1station ID as part of close-down before carrier was terminated. Fair.
- 15410.0 CLANDESTINE Eye Radio - Issoudun, 1725-1744 Nov 23, man announcer with a long talk in the Arabic language including a nice station ID. Fair signal but some deep fades.
- 15555.0 USA WJHR – Milton, FL, 2025-2114 Nov 27, noted with seemingly non-stop religious programming in the English language. Fair to good signal with periodically very deep fades.
- 17775.0 USA Voice of Hope – Rancho Simi, 1932-2013 Nov 9, noted with English language religious program “Voice of Hope, Africa” station IDs. Nice complete station ID at 2000 including frequency announcements (4965 and 6065) for Zambia station. Fair signal.

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

- 590.0 ARGENTINA: R. Continental, Buenos Aires, Spanish, 20/11 0040. A soccer game of the Argentinian National Championship 2020, Tucuman x Racing, id ‘Continental’, advs Volkswagen T-Cross. 24532.
- 650.0 URUGUAY : Radio Clasica, Rede Nacional de Uruguay, Santiago Velasquez, Spanish, 08/11 0305. Classic music, talk by male voice 'Uruguay'. 33543. QRM 650 kHz Radio Banda B, Cambara PR B.
- 650.0 PARAGUAY : Radio Uno, Asunción, Spanish, 20/11 0015. A soccer game of the Paraguayan National Championship 2020, Sol de America x General Diaz. Station id. 35543.
- 730.0 PARAGUAY : Radio ABC Cardinal, Asunción, Spanish, 08/11 0322. Talk by male voice, phone-in, 'Radio Cardinal'. 35553.
- 770.0 URUGUAY : Radio Oriental, Montevideo, Spanish, 08/11 0342. Talk by two male voices, 'Radio Oriental'. 34543.

- 800.0 NETHERLAND ANTILLES: TWR Bonaire, Portuguese, 21/11 0815. 'Sons do coração, adoradores e não consumistas,...'. Songs with Adhemar de Campos and Nelson Bomilcar, Josiane Pimentel, Marlene. 'Radio Trans Mundial', address in São Paulo.45554.
- 820.0 ARGENTINA : Radio Nacional, Formosa, Spanish, 08/11 0355. 'La noche em Formosa... Radio Nacional, rock music. 35553.
- 900.0 ARGENTINA : Radio Provincia (pres.), Corrientes, Spanish, 15/11 0442. Several advs mentioning Corrientes, adresses in Corrientes. 34543.
- 930.0 URUGUAY : Radio Monte Carlo, Montevideo, Spanish, 20/11 0055. 'Radio Monte Carlo informativo Monte Carlo 930 AM'. 34543.
- 1400.0 URUGUAY : Radio Zorrilla de San Martin, Tacuarembó, Spanish, 20/11 0932. Escola... en Tacuarembó'. A song by male voice. 23532.
- 3915.0 SINGAPORE : BBC, via Kranji, English, 21/11 2250. Religious discussion, Christians, Muslims, .. 35553.
- 3950.0 CHINA: PBS Xinjiang, Urumqi, Chinese, 21/11 0005. Talk by male and female announcers. 35443.
- 4955.0 PERU : Radio Cultural Amauta (pres.), Huanta, Spanish, 21/11 2308. Talk by male and female voices. Peruvian style instrumental music. 25222.
- 5010.0 USA: WRMI Family Radio, via Okeechobee, Spanish, 21/11 2305. Instrumental music, id 'Family Radio', Bible Reading. 35553.
- 5050.0 CHINA: Vo Beibu Bay Radio, Nanning, Chinese, 21/11 2302. A song in Chinese language, male communication. 25552.
- 5060.0 CHINA: PBS Xinjiang, Urumqi, Chinese, 21/11 0010. Talk by male and female announcers. 35543.
- 5085.0 USA: WTWW, Lebanon, English, 21/11 2255. Questions and answers about the Bible, by male voice. 25542 .
- 5915.0 ZAMBIA: Zanzibar NBC Radio 1, Lusaka, Vernacular, 21/11 0029. A song in African style, communication by female voice. 25542.
- 5925.0 FRANCE : Radio France International, French, 30/10 0645. News by male and female speakers, talk. 35553
- 5940.0 BRAZIL: Radio Voz Missionaria, Camboriú SC, 20/11 1510. News 'ACAERT Noticias'. News bulletin, talking about Santa Catarina State. 45554.
- 5970.0 USA: EWTN, Vandiver, Spanish, 08/11 0220. Female voice: Prayer, message. 35433.
- 5980.0 AUSTRIA : Adventist World Radio, via Moosbrunn, Punjabi, 08/11 0229. Interval signal AWR, talk by YL, songs. 33543.
- 6010.0 BRAZIL: Radio Inconfidência, Belo Horizonte MG, 21/11 2315. A Brazilian song, id 'Inconfidência...'. 35443.
- 6050.0 LIBERIA : ELWA, Monrovia, English, 30/10 0620. Christian message by male voice, song, Bible Reading. 25552.
- 6080.0 BRAZIL: Radio Marumby, Curitiba PR, 20/11 1515. 'Musical Evangélico ... Radio Marumby...'. 35553.
- 6155.0 AUSTRIA : Radio Oesterreich International, Germany, 30/10 0640. News bulletin, classic music. 35553.
- 9490.0 ROMANIA : Radio Romania International, Tiganesti DRM, Spanish, 16/11 2210. News by female speaker. 'Radio Romania International'. 35553.
- 9550.0 BRAZIL: Super Radio Boa Vontade, via Porto Alegre RS, 20/11 1410. A religious program 'Religião Boa Vontade'. 45554.
- 9580.0 INDIA : All India Radio (presumed), Bangalore, Tibetan, 08/11 1220. Instrumental music, talk by male and female voices. 35443.
- 9635.0 UK : Radio Ndarason International, via Woofferton, Kanuri, 30/10 1835. Talk by male voice announcer, song in African style. 35543.
- 9665.0 BRAZIL: Radio Voz Missionaria, Camboriú SC, 20/11 1505. News 'ACAERT Noticias'. 45554.
- 9818.0 BRAZIL : Radio Nove de Julho, São Paulo SP, 20/11 1540. Religious News, a song performed by Eros Ramazzotti, 'Giro de Notícias, Radio Nove de Julho 1600 kHz'. 45554.
- 9895.0 JAPAN : NHK World Radio Japan, via Yamata, Japanese, 30/10 1905. News, instrumental music. 35553.
- 9955.0 USA: WRMI Wave Scan, English, 21/11 2330. International DX-program. 35553.
- 10000.0 BRAZIL : Observatório Nacional, Rio de Janeiro RJ, 20/11 1520. Female voice: 'Observatório Nacional, 12 horas, 20 minutos, 40 segundos...', time pips. 45554.
- 11655.0 UAE: IBRA Media / Radio Ibrahim, via Al-Dhabbyia, Afar, 20/11 1605. Christian message by male voice. 25442.
- 11725.0 NEW ZEALAND : Radio New Zealand International, Rangitaiki, English, 20/11 1150. Song 'Take the last train to Clarksville', 1200: time pips, time checking, News bulletin, 'Radio New Zealand'. 35443.
- 11780.0 BRAZIL : Radio Nacional da Amazônia, Brasília DF, 20/11 1400. 'Ponto de Encontro', Brazilian song, Amado Batista, Trio Parada Dura, id. 45554.
- 11795.0 SOUTH KOREA: KBS World Radio, Kimjae, Spanish, 20/11 1103. News, USA, N & S Korea. 33543.
- 11815.0 BRAZIL: Radio Brasil Central, Goiânia GO, 20/11 1100. Sport News, Brazilian National Championship, FC Bahia x FC Bragantino. 35543.0
- 11915.0 TAIWAN : Radio Taiwan International, Paochung, Indonesian, 20/11 1058. Talk by male voice, instrumental music. The station schedule, end of transmission on 1100. 35543.
- 11930.0 USA: Radio Marti, Greenville, Spanish, 20/11 1405. Talk by male voice, Conferencia sobre Cuba, grupos disidentes, resistência. 35543.
- 11935.0 MADAGASCAR : Radio Vaticano, via Talata-Volondry, Swahili, 20/11 1610. Talk by male voice, African style song, 1627 interval signal RV, and sign-off. 35443.
- 11965.0 GUAM : KTWR Guam, Agat, Sundanese, 20/11 1055. Christian message style, a prayer by male voice, instrumental music (flute). 35553.
- 12005.0 GERMANY: Radio Farda, via Biblis, Persian, 20/11 1050. Talk by male announcer, interview. 25432.
- 12065.0 OMAN : BBC, via Al Seela, Dari, 20/11 1045. Talk by female and male announcers. 35543.
- 12085.0 MONGOLIA: Voice of Mongolia, Ulaanbaatar, Japanese, 20/11 1040. A song in Mongolian style, talk by female voice. 25443.
- 15350.0 TURKEY: Voice of Turkey, Emirler, Urdu, 20/11 1355. A Turkish song, male voice speaker, typical instrumental music. 25432.

- 15640.0 VATICAN : Radio Azadi (Radio Free Afghanistan), via Sta. Maria di Galeria, Pashto, 20/11 1350. Male voice: '...Azadi...'. News, Azerbaijan. 35543.
- 15690.0 GERMANY: Radio Farda, via Lampertheim, Persian, 20/11 1240. Interview by male / female voices. 25542.
- 15770.0 USA: WRMI The Overcomer Ministry, via Okeechobee, English, 21/11 1252. Preaching on Brother Stairs style. 25332.
- 17560.0 THAILAND : Radio Farda, via Udon Thani, Persian, 20/11 1250. Talk by male speaker, news and comments. 35443.
- 17595.0 INDIA: All India Radio, Bangalore, Chinese, 20/11 1255. Talk by female voice speaker. 35443.
- 17680.0 UAE: TWR Africa, via Al-Dhabbyia, Afar, 20/11 1300. Interval signal, Christian TWR program. 25432.
- 17800.0 FRANCE: Deutsche Welle, via Issoudun, Hausa, 21/11 1340. Talk by male announcer. 'Africa' 35553.
- 17845.0 UAE: Radio Ergo, via Al-Dhabbyia, Somali, 20/11 1255. A song in African style, talk by female voice, Id 'Radio Ergo', 1300 sign-off. 35553.
- 21525.0 USA: WRMI Radio Africa, Okeechobee, English, 07/11 1920. Preacher, Bible Reading, 'God is a consuming fire', 'This is the choice, your salvation, Bible study'. Song by female voice. Id: 'Thanks for listening to Radio Africa Net'. 35543.
- 21580.0 FRANCE: Radio France International, Issoudun, French, 08/11 1240. Talk about North American election, Joe Biden. 35443.
- 21690.0 MADAGASCAR: Radio France International, Talata-Volondry, French, 08/11 1245. Election in USA, Donald Trump, Joe Biden. 35333.

\*\*\*\*\*

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

\*\*\*\*\*

Dear Friends,

Welcome to this large edition of Logbook - the final one for this year with thanks to our regular contributors.

*Wishing you all a Merry Christmas and Happy New Year 2021,*

*Ashok Kumar Bose*

\*\*\*\*\*

**FELIZ 41 AÑOS**  
**Radio Nacional LRA36**  
**Arcángel San Gabriel**

20 DE OCTUBRE 2020  
 BASE ESPERANZA  
 Lat.63°24'sur Long 56° 59'Oeste  
**Antártida Argentina**  
 15.476khz -AM - OC  
 Banda 19 mts  
 RX /TX COLLINS - ANT RÓMBICA  
 USB - 300 VATIOS

Confirmamos reporte (SWL) con la Estación  
 DE DEODKR PAIS ALEMANIA

“41 Años en el aire”  
 20 de OCTUBRE de 2020

Una Antena al Mundo  
 C.A.L. 2020  
 GRACIAS POR SINTONIZARNOS

Dño LU1MHC

Special QSL LRA36 via Dieter K. Reibold, Germany

Radio Taiwan International

RTI QSL for direct broadcast from Tamsui via Paul Reinersch

	<h2 style="margin: 0;">QSL CORNER</h2> <p style="margin: 0;">Editor: Dario Gabrielli, Viale della Resistenza 33b, 30031 Dolo (Ve), ITALY eMail: &lt;qsl@wwdxc.de&gt;</p>	
---	--	---

**Argentina:** Radio Argentina al Mundo 7500 kHz. German program. Special E-QSL received in 26 days for report sent to: <qslrae@gmail.com> (HS)

**Germany:** Europa 24 6160 kHz (200 W), licenced station from Datteln (Germany). multilingual news and information service. No data colour e-QSL (.jpg) in English. Received in 21 days for e-mail report to <RadioEuropa24@gmx.de> (HB)

Korches Radio 6070 kHz via Channel 292. E-QSL received in 3 days for report sent to: <QSL@Korches-Radio.de> (BS)



SM Radio Dessau 6070 KHz via Channel 292. E-QSL received in 1 day for e-Report to: <maxberger@smradio-dessau.de> (BS)

**Romania:** Radio Romania International 7355 kHz. German program. QSL received in 97 days for report sent to <german@rri.ro> (PG)

Radio Romania International 9700 kHz. German program. QSL received in 122 days for report sent to <german@rri.ro> (PG)

**Taiwan:** Radio Taiwan International 5900 kHz via Kostinbrod (Bulgaria). German program. Full data colour QSL Card in English (2020-11 Sweet Fried Dough Twists). Received in 22 days (6 days for air mail delivery) for e-mail report to <deutsch@rti.org.tw> (HB)

\*\*\*\*\*

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

- BS** = Bernd Seiser, Ottenau, Germany
- HB** = Hansjoerg Biener, Nuremberg, Germany
- HS** = Harald Suess, Strasshof an der Nordbahn, Austria
- PG** = Paul Gager, Vienna, Austria

\*\*\*\*\*

It is with great pleasure that this month also I was able to insert this page in the magazine and I thank very much the contributors who participated and whom I thank. In the hope that other members of the group will be able to participate in the next editions, I send you all my best wishes for a good continuation of the activities and especially for good health. I also take this opportunity to wish a Merry Christmas and a Happy 2021 with the hope that it will be better than the one that is about to end.

Please remember that the next deadline for your contributions is on January 9<sup>th</sup>, 2021, at 23:00 UTC,

*Dario*

