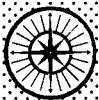
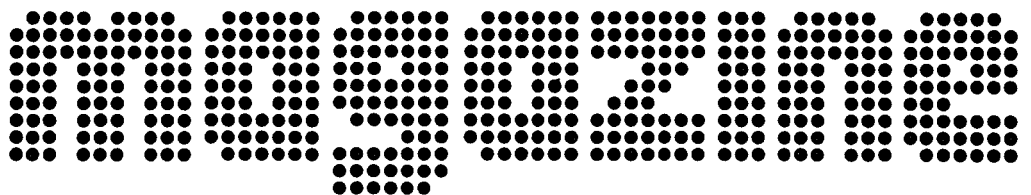
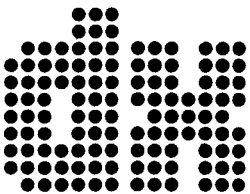


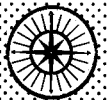
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WORLD WIDE DX CLUB



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- WORLDWIDE DX CLUB homepage in the Internet: <<http://www.wwdxc.de>>
- Weekly "TopNews" by Wolfgang Büschel: <<http://topnews.wwdxc.de>> (available free of charge by eMail to our members on request)
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WORLD RADIO TV HANDBOOK 2019

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DX MAGAZINE No. 12



Vol. LIII



December 2018

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2018. 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 2019** from us.



I'm sorry that there was no space left in this issue of our DX MAGAZINE for OM Dario's **QSL CORNER** this time. This section will of course appear again in the January edition of our DX MAGAZINE.

And now over to our usual information from outside the club: (Cf. DXM 10/2018) **Klingenfuss Publications** have published their four new products for 2019 by December 5th:

- 2019 Super Frequency List on CD
- 2019 Shortwave Frequency Guide
- 2019/2020 Guide to Utility Radio Stations
- 2019 Frequency Database for the Perseus LF-HF Software-Defined Receiver
- 1997-2019 Digital Data Decoder Screenshots on USB Stick

Full information about these publications and ordering information can be found in their advertisement on the last page of this DX MAGAZINE. **(Klingenfuss Publications - Jörg Klingenfuss, Germany)**

Finally, let me wish you a Merry Christmas and a very Happy New Year 2019

NEWS ABOUT BROADCASTING (+other) STATIONS

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

ALASKA / MADAGASCAR - KNLS & MWV BROADCAST SCHEDULE:

October 28, 2018- March 30, 2019 (revised September 6, 2018)

KNLS TX 1

UTC	Freq	Azm	Lang	Target
0800	7370	270	ENG	Pac. Rim
0900	7370	300	RUS	E. Rus
1000	7370	270	ENG	Pac. Rim
1100	7320	300	RUS	E. Rus
1200	7320	270	ENG	Pac. Rim
1300	7320	300	CHN	N. China
1400	7320	270	ENG	Pac. Rim
1500	7320	300	RUS	E. Central Rus

1600	7370	315	RUS	E. Central Rus
1700	7370	315	RUS	E. Central Rus

KNLS TX 2

UTC	Freq	Azm	Lang	Target
0800	7355	285	CHN	E. China
0900	7355	285	CHN	E. China
1000	7355	285	CHN	E. China
1100	7355	285	CHN	E. China
1200	7355	270	ENG	Pac. Rim
1300	7560	300	CHN	N. China
1400	7560	300	CHN	N. China
1500	7560	300	CHN	N. China
1600	7340	300	CHN	N. China
1700	7340	300	CHN	N. China

MWV TX2

UTC	Freq	Azm	Lang	Target
0200	6190	250	SPN	S. America South
0300	6180	265	SPN	S. America North
0400	11825	295	A.ENG	Central Afr.
1800	11885	355	RUS	Euro Rus
1900	9690	355	RUS	Euro Rus
2000	13710	355	ARA	Central Mid East.
2100	11610	325	CHN	Europe
2200	11790	325	ARA	N. Africa

MWV TX3

UTC	Freq	Azm	Lang	Target
0200	15510	40	ENG	India
0300	15510	40	ENG	India
0400	17530	55	CHN	S. China
1800	13670	310	A.ENG	Central Africa(N)
1900	11965	340	ARA	Central Mid East.
2000	11965	295	A.ENG	Central Afr.
2100	11965	265	POR	Central Afr.
2200	11965	55	CHN	S. China

(via H. Meixner)

ALBANIA - 80 years of Radio Tirana. Radio Tirana has an 80 year history, dating back to 28 Nov 1938.

<<http://rti.rtsh.al/2018/11/09/80-years-of-radio-tirana/>>

(Michael Bethge-D, wwdxc BC-DX TopNews Nov 17)

ANTARCTICA - 15475.97 kHz LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, 1403-1423* UT on 25 Oct [Thursdays], on air now, nothing detected here in Lugo, fair to weak signal via SDR Kiwi Pardiniho, Sao Paulo remote receiver, non stop song in Spanish, song "Bella Ciao", closed at 1423 UT. Very weak carrier on 15475.97 kHz via SDR Kiwi Ticino, Switzerland remote receiver. Not heard since 03 Oct [Wednesday], 1412-1447 UT, also via SDR Kiwi Pardiniho. (Manuel Mendez-ESP, dxld Oct 29)

Nothing heard on various Thursdays, when checked via remote Perseus SDRs in Europe, US states and Alberta Canada, nor nothing on SDR Kiwi Pardiniho in Brazil ...

(wb df5sx, wwdxc BC-DX TopNews Nov 8)

ARMENIA - Reception of Trans World Radio India via CJSC Yerevan Gavar on Nov 23:

1315-1345 UT 9305 ERV 300 kW 100 deg to SAs Hindi Mo-Fr, very good

1315-1330 UT 9910 ERV 300 kW 100 deg to SAs Maithili Mo-Fr, good.

Reception of FEBA Radio via BaBcoCk Yerevan on Nov 23:

1730-1800 UT 7510 ERV 300 kW 192 deg to Eaf Silte, very good.

Fair signal of Trans World Radio India, Nov 4:

1500-1535 UT 7550 ERV 300 kW 100 deg to SoAS Hindi Mo-Fr

1535-1540 UT 7550 ERV 300 kW 100 deg to SAs English Mo-Fr

1500-1600 UT 7550 ERV 300 kW 100 deg to SAs English Sa/Su

(Ivo Ivanov-BUL, RUSdx #1004 via wwdxc BC-DX TopNews Nov 25)

AUSTRALIA - RNZ interview about Australian shortwave.

Radio New Zealand interviewed Jemima Garrett, co-convenor of the group Supporters of Australian Broadcasting in Asia and the Pacific, about the promise of Australia's Labor Party to restore domestic shortwave to the Northern Territory. She thinks this "bodes well" for the restoration of ABC shortwave broadcasts to the Pacific region.

She did say that shortwave to the Pacific could be restored with "similar amounts of money" than required for the resumption of the domestic shortwave service, which, to me, seems unlikely.

As possible transmitting sites for the Pacific shortwave service, she mentions Shepparton, but also "three transmitters in the Northern Territory." I wonder if she was referring to the possibility of leasing time from Reach Beyond Kununurra, which is actually in Western Australia.

Anyway, listen to the audio and see what you make of it.

<<https://www.radionz.co.nz/international/programmes/datelinepacific/audio/2018672074/proposed-restoration-of-abc-shortwave-for-nt-welcome-news>>

(Kim Elliott-USA kd9xb, dxld Nov 22)

BOTSWANA [ESWATINI] - Very good signal of Trans World Radio Africa, Nov. 27:

1802-1832 on 9500 MAN 100 kW / 013 deg to Eaf English

1832-1847 on 9500 MAN 100 kW / 013 deg to Eaf Arabic

(DX MIX #1099)

BRAZIL - 6180.04, Radio Nacional da Amazonia; 2201-2207+, 11/16; News to 2203+ R. Nac. ID & peppy, chit-chatty DJ with camp'o tune. SIO=433, USB helped with splash from 6175 CRI(presumed) in PP via Albania. (Harold Frodge, Midland MI, Drake R8B + 185' RW, All logged by my ears, on my receiver, in real time. DXLD)

6180, Radio Nacional da Amazonia at 0115 in Portuguese with a man taking a telephone call from an impassioned man then ranchera-like male vocals at 0120 - Fair under CRI Nov 20. Also at 2150 in Portuguese with a man and a woman with an apparent news magazine with mentions of "Radio Nacional" - Very Good Nov 20 - You just have to adjust what time you are going to listen to this one and it better be before 0100 UTC or you're out of luck! (Mark Coady, Selwyn, Ontario, Kenwood TS440S / Ten-Tec Argonaut II and 40 + 80 m off centre-fed dipoles, ODXA iog via DXLD)

[and non]. 6180.03, Nov 20 at 2249, RNA in enthusiastic Brazuguese, S9+30 here instead of 11780. Still on at 0150 recheck Nov 21, now making a fast SAH atop heavy CCI from CRI English via CUBA on its new frequency, 6180.00 (in such a clash it's hard to nail either down to the Hz).

At 0204, RNB with a multi-station ID, AM & FM in several cities, and does mention 6180 on 49m. After a few vocalizations, cut off the air at 0205:30*. So they are signing off circa local midnite during DST, despite 19-03 UT sked in latest Aoki/NDXC.

This uncovers weak Chinese as the CRI Habana relay goes on another hour, but its signal seems insufficient to have been causing all the QRM to Brasil. Evidently RNA is now running 6180 instead of 11780 even earlier in the daytime, reported but only weakly in Bahia by Jorge Freitas, Nov 19 at 1838.

The collision between Brasil and China/Cuba on 6180 at 00-02 is a prime example why stations/countries need to coordinate by participating in HFCC. China does, but Brasil and Cuba do not. Of course Brasil might have owned 6180 if it had kept using it instead of just resuming it lately; but refusing HFCC, how are China or Cuba supposed to know about it?? (gh, DXLD)

More developments with Brazil's Radio Nacional da Amazonia with a possible expansion in their broadcast schedule as they were noted on earlier than their normal 1100 sign-on time.

6180, Radio Nacional da Amazonia at 1035 in Portuguese with a man and woman with a possible news magazine with definite mentions of "Radio Nacional" and "Brasil" - Weak but audible Nov 21 - Is this a one off transmission or a change in their schedule as their sign-on time has normally been 1100 and on 11780 although 6180 makes sense for the first few hours of the day?

(Mark Coady, Selwyn, Ontario, Kenwood TS440S or Ten-Tec Argonaut II and 40 and 80 meter off centre-fed dipoles, ODXA iog via DXLD) Maybe 10-02 nominal now during DST (gh)

6180, Nov 22 at 0126, still huge collision between RNA in Brazuguese and CRI via CUBA in English, fast SAH circa 30 Hz with RNA the off-one plus. Off just before 0204* uncovering much weaker CRI for another hour in Chinese. (gh, WOR 1958, DXLD)

BULGARIA - Adventist World Radio via SPC* Sofia relay, Nov 3:

1300-1330 11730 SCB 100 kW 75 deg to EAs Chinese Mon-Fri
 1300-1330 11730 SCB 100 kW 75 deg to EAs Uighur Sat/Sun
 1330-1400 11730 SCB 100 kW 75 deg to EAs Chinese
 1500-1530 11945 SCB 100 kW 126 deg to SAs Tamil
 1500-1530 11985 SCB 100 kW 90 deg to SAs Telugu
 1530-1600 9830 SCB 100 kW 90 deg to SAs Hindi, not on air
 1530-1600 11945 SCB 100 kW 126 deg to SAs Gujarati
 1600-1630 9770 SCB 100 kW 90 deg to SAs English

* SPC-NURTS Sofia Kostinbrod Bulgaria relay site,

QSL via ? Spaceline Ltd., Sofia Bulgaria.

CEO Dimitar Todorov <lz1ax-at-mail.bg>

Ventislav Georgiev, Technical Manager, SpaceLine Ltd, BULGARIA.

(Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

CHINA - More detailed parameters of CNR DRM mode tests, acc frequency/mode request entries in HFCC file of Nov 20 at 0138 UT. The parameters disclosed are as follows (Beijing time - CST, or UTC+8hrs):

6030 kHz 0425-0205 CST (not Tue.1400-1700 CST)
 2025-1805 UTC (not Tue.0600-0900 UTC)
 BEI Beijing bcast center, Power=30 kW Azimuth=0deg
 9655 kHz 0600-0900, 1600-2000 CST. 2200-0100, 0800-1200 UTC.
 URU Urumqi bcast center, Power=30 kW Azimuth=98deg
 11695 kHz 0900-1700 CST. 0100-0900 UTC.
 DOF Dongfang island. Power=30 kW Azimuth=41deg
 13850 kHz 0900-1600 CST. 0100-0800 UTC.
 URU Urumqi bcast center, Power=30 kW Azimuth=98deg
 {also short test at 0600-0615 UT on 17800 kHz}
 15580 kHz 0900-1700 CST. 0100-0900 UTC.
 DOF Dongfang island. Power=30 kW Azimuth=16deg
 and also seldom test on 16mb instead
 17800 kHz 0900-1700 CST. 0100-0900 UTC.
 DOF Dongfang island. Power=30 kW Azimuth=16deg

6030 and 15580 kHz are mainly for North China, and 11695 kHz is mainly for East China and South China.
 9655 and 13850 kHz are mainly for North China and East China.

PS: despite Aoki Nagoya database show different Urumqi azimuth of 120degr instead.
 - is probably just a technical assumption, thought?

98degrees mainlobe path cross also final Cheju island and southern Japan Nagasaki target.
 bcast center Shangtougongcun, at Hutubi, Changji, Xinjiang, China

G.C. 44 09 03.29 N 86 53 57.66 E <<https://goo.gl/maps/DaZV6p8jeHN2>>
 (wb df5sx, wwdxc BC-DX TopNews Nov 21)

5050 kHz, on Nov 24 at 2301 UT, JBA talk, certainly not WWRB which has moved to 90mb for its limited winter evening schedule. Aoki/NDXC shows nothing but Voice of Beibu Bay Radio, 15 kW, 225 degrees from Nanning #954 site in Chinese at 2300-0100 UT as of A-18 season and probably still. A quick 60mb bandscan does not find any other carriers likely from Asia now. (gh, hcdx and dxld Nov 24)

Xinjiang PBS Winter frequencies in B-18 season - effective from 1100 UT on November 6, 2018:

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

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)

3950 2310-0230, 1145-1800

5060 2310-0300, 1135-1800
 5960 2310-1800
 7260 0230-1200
 7310 2310-0300, 1200-1800
 9600 0300-1200
 11770 0250-1200

Mongolian 2330-0330, 0530-1030, 1230-1800 (Tue 0800-1100 off the air)
 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)
 4850 2340-0300, 1155-1800
 6015 2340-0345, 1150-1800
 7340 0300-1155
 9470 0345-1150

Kyrgyz 0330-0530, 1030-1230
 7295 0310-0530, 1030-1230
 9705 0310-0530, 1030-1230
 (Ron Howard-CA-USA, direct and via dxld Nov 12)

CONGO Rep. - 6115, Radio Congo, Brazzaville, 0550-0606, 23-11, French, comments, female, male, African songs. 15321. Also *0616-0650, 24-11, French, "Chers auditeurs, bon jour, Radio Congo, notre service national", news, comments, at 0635 Vernacular comments. 25322. (Manuel Méndez, Lugo, Spain, Logs in Friol, Tecsun S-8800, cable antenna, 8 m, WOR iog via DXLD)

CUBA - Full B-18 schedule of R. Habana Cuba start on 11 Nov 2018:
 Update arrived today November 12, two freq/time changes, see below, wb.

0000-0100 6000 QVC 250 010 ENAm Spanish Mon-Thur "Mesa Redonda"
 0000-0500 9640 BEJ 050 110 Antill Spanish
 0000-0100 9720 BAU 100 130 SAf English, still Nov 18
 0000-0500 11670 BAU 100 130 SAm Spanish
 0000-0600 11700 QVC 250 160 SAm Spanish
 0000-0100 11950 BAU 100 340 WNAf Spanish Mon-Thur "Mesa Redonda"
 0000-0030 15730 BEJ 050 135 SAm Creole
 0030-0100 15730 BEJ 050 135 SAm Portuguese
 0100-0130 15730 BEJ 050 135 SAm French ex Quechua
 0100-0600 6060 BAU 100 010 ENAm Spanish
 0200-0600 6000 QVC 250 010 ENAm English
 0200-0800 6165 BAU 100 340 WNAf English
 0600-0800 6000 QVC 250 010 ENAm English > heard on 6150 kHz on Nov 20
 0600-0800 6060 BAU 100 010 ENAm English
 0600-0800 6100 BAU 100 310 WNAf English
 0800-0830 6100 BAU 100 310 WNAf Esperanto Su only
 1200-1500 ex6000, now 6150 kHz QVC 250 305 NCAf Spanish.
 probably Quivican antenna HRS4/4/0.9 305degr mainlobe San Francisco CA
 1200-1600 9535 BEJ 100 230 CAf Spanish
 1200-1600 9640 BEJ 050 110 Antill Spanish
 1200-1600 11760 BAU 100 n-d NCAf Spanish
 1200-1400 11950 BAU 100 340 WNAf Spanish
 1200-1500 13780 BEJ 050 160 SAm Spanish, real on 15140 kHz on Nov 20
 1200-1600 15140 QVC 250 130 SAm Spanish, real on 15230 kHz on Nov 18
 1400-1600 13700 BAU 100 315 WNAf Spanish
 1600-1630 11760 BAU 100 n-d NCAf Spanish Mon-Sat
 1600-1630 11760 BAU 100 n-d NCAf Esperanto Sun only
 1600-1900 15140 BAU 100 010 ENAm Spanish
 1630-1900 11760 BAU 100 n-d NCAf Spanish
 1900-1930 15140 BAU 100 340 WNAf Arabic
 1930-2000 15140 BAU 100 340 WNAf Creole
 2000-2100 15140 BAU 100 340 WNAf English
 2030-2100 15370 BAU 100 010 WeEu French

{fake 2100-2130 9720 BAU 100 130 SAf French, not new time slot, wb. }
 2100-2130 15140 BAU 100 340 WNAf French
 2100-2130 15370 BAU 100 010 WeEu Portuguese
 {fake 2130-2200 9720 BAU 100 130 SoAf Portug., not new time slot, wb. }
 2130-2200 15370 BAU 100 010 WEu Arabic
 2200-0600 9535 BEJ 100 230 CAm Spanish
 2200-2400 9640 BEJ 050 110 Antill Spanish
 {fake 2200-2300 9720 BAU 100 130 SAf English, not new time slot,
 antenna Bauta #3, HRS4/4/0.8, 160degr minus 30degr slewed, wb. }
 2200-0300 11760 BAU 100 n-d NCAf Spanish
 2200-0600 11840 QVC 250 170 Chile Spanish
 2200-0500 13740 BAU 100 160 SAm Spanish
 2200-2400 15370 BAU 100 010 WeEu Spanish
 2300-2330 9720 BAU 100 130 SAf French, still Nov 18
 2300-2400 11700 QVC 250 160 SAm Portuguese
 2330-2400 9720 BAU 100 130 SoAf Portuguese, still Nov 18
 2330-2400 15730 BEJ 050 135 SAm French Mo-Sa t
 2330-2400 15730 BEJ 050 135 SAm Esperanto Su only

83 and 263 degrees CT2/1/0.8

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
 2200-2400 5040 BAU 100 n-d Cuba Spanish

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

Shortwave schedule of Radio Rebelde

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

Shortwave schedule of Radio Progreso

0130-0500 4765 BEJ 050 non-dir to Cuba Caribbean Spanish

(RHC of Nov 6, thanks to Arnaldo Coro-CUB - CO2KK - RHC B-18 sheet file - transformed to pure text file via wb df5sx, wwdxc BC-DX TopNews Nov 7, updated Nov 12)

Unscheduled transmission of Radio Habana Cuba in Esperanto, Nov 25:

2145-2200 11760 BAU 100 kW non-dir to NCAf Esperanto, good signal and
 2200-0300 11760 BAU 100 kW non-dir to NCAf Spanish, as scheduled B-18
 (Ivo Ivanov-BUL, hcdx via wwdxc BC-DX TopNews Nov 27)

EGYPT - Winter B-18 frequency changes of Radio Cairo:

All transmissions are with reduced power from 250 kW to 100/125 kW & from 200 kW to 125 kW

0400-0600 9480 ABS 100 kW 166 deg CEAF Swahili, ex250 kW
 1300-1400 15630 ABS 100 kW 61 deg WAs Dari, ex250 kW
 1400-1600 12065 ABS 100 kW 61 deg WAs Pashto, ex12045 250 kW
 1500-1600 9610 ABS 125 kW 325 deg WEu Albanian, ex 9575 200 kW
 1600-1800 15310 ABS 100 kW 181 deg CEAF Swahili, ex15660 250 kW
 1700-1900 9940 ABS 125 kW 5 deg NE/ME Turkish, ex9975 250 kW
 1800-1900 9540 ABS 125 kW 325 deg WEu Italian, ex200 kW
 1800-2100 15310 ABS 100 kW 241 deg WAF Hausa, ex9325 250 kW
 1900-2000 9590 ABS 125 kW 5 deg EEU Russian, ex9420 250 kW
 1900-2000 9570 ABS 125 kW 325 deg WEu German, ex200 kW
 2000-2115 9900 ABS 125 kW 325 deg WEu French, ex200 kW
 2115-2245 9900 ABS 125 kW 325 deg WEu English, ex200 kW
 2215-2330 12010 ABS 100 kW 252 deg SAm Portuguese, ex12005 250 kW
 2330-0045 12010 ABS 100 kW 252 deg SAm Arabic, ex12005 250 kW
 0045-0200 12010 ABS 100 kW 252 deg SAm Spanish, ex9420 250 kW
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

FRANCE - RFI Paris B-18 updated schedule:

The schedule of SW broadcasts RFI's web site has been updated to remove the English hour. Here's the schedule, updated last week:

[and the frequency the right of each entry is effective February 3, some changing]

Comment capter RFI en ondes courtes du 28 octobre 2018 jusqu'au 30 mars 2019.

Zone 4 Afrique de l'Ouest(West) axe Dakar

Zone 5 Afrique de l'Ouest(West) axe Abidjan

Zone 6 Afrique Centrale

Debut UTC	Fin	Langue	28/10/18-02/02/19		03/02/19-30/03/19		Zone	Region
			Saison A freq. (kHz) (m)		Saison B freq. (kHz) (m)			
0600	0630	Hausa	9805	31	9805	31	Zone 5	Afrq. West
0600	0630	Hausa	7295	41	11995	25	Zone 5	Afrq. West
0700	0730	Hausa	13740	22	13740	22	Zone 5	Afrq. West
0700	0730	Hausa	11760	25	11760	25	Zone 5	Afrq. West
1600	1700	Hausa	15300	19	15300	19	Zone 5	Afrq. West
2000	2030	Hausa	7380	41	7380	41	Zone 5	Afrq. West
0430	0500	Swahili	9665	31	9665	31	Zone 4	Afrq. West
0530	0600	Swahili	11790	25	11790	25	Zone 4	Afrq. West
1500	1600	Swahili	21690	13	21690	13	Zone 6	Afrq. de l'Est
0400	0500	French	7390	41	7390	41	Zone 6	Afrq. del'East
0400	0500	French	9790	31	9790	31	Zone 6	Afrq. del'East
0500	0600	French	7390	41	7390	41	Zone 6	Afrq. centrale
0500	0600	French	9790	31	9790	31	Zone 6	Afrq. centrale
0500	0600	French	6040	49	6040	49	Zone 6	Afrq. centrale
0600	0700	French	5925	49	5925	49	Zone 4	Afrq. West
0600	0700	French	7390	41	9790	31	Zone 5	Afrq. West
0600	0700	French	11700	25	11700	25	Zone 5	Afrq. centrale
0600	0700	French	13695	22	13695	22	Zone 6	Afrq. centrale
0700	0800	French	13695	22	13695	22	Zone 5	Afrq. centrale
0700	0800	French	15300	19	17850	16	Zone 6	Afrq. centrale
0700	0800	French	11700	25	11700	25	Zone 4	Afrq. West
0700	0800	French	9790	31	9790	31	Zone 4	Afrq. West
0800	0900	French	13695	22	13695	22	Zone 4	Afrq. West
0800	0900	French	15300	19	15300	19	Zone 5	Afrq. West
0800	0900	French	17850	16	17850	16	Zone 6	Afrq. centrale
0800	0900	French	21580	13	21580	13	Zone 6	Afrq. centrale
1200	1300	French	21690	13	21690	13	Zone 4	Afrq. West
1200	1300	French	17620	16	17620	16	Zone 4	Afrq. West
1200	1300	French	17660	16	17660	16	Zone 4	Afrq. West
1200	1300	French	21580	13	21580	13	Zone 6	Afrq. centrale
1700	1800	French	13740	22	13740	22	Zone 5	Afrq. centrale
1700	1800	French	11995	25	11995	25	Zone 4	Afrq. West
1700	1800	French	15300	19	15300	19	Zone 6	Afrq. centrale
1800	1900	French	9810	31	9810	31	Zone 4	Afrq. West
1800	1900	French	9725	31	11995	25	Zone 5	Afrq. West
1800	1900	French	9660	31	13740	22	Zone 6	Afrq. centrale
1800	1900	French	11765	25	15300	19	Zone 6	Afrq. centrale
1900	2000	French	7245	41	7245	41	Zone 4	Afrq. West
1900	2000	French	9580	31	9580	31	Zone 6	Afrq. centrale
1900	2000	French	9635	31	9635	31	Zone 5	Afrq. West
1900	2000	French	11995	25	11995	25	Zone 6	Afrq. centrale
2000	2100	French	7205	41	7205	41	Zone 4	Afrq. West
2000	2100	French	9790	31	9790	31	Zone 4	Afrq. West
2100	2200	French	7205	41	7205	41	Zone 4	Afrq. West
2100	2200	French	9790	31	9790	31	Zone 4	Afrq. West
0800	0830	Mandinka	15455	19	15455	19	Zone 4	Afrq. West
1200	1230	Mandinka	17815	16	15275	19	Zone 4	Afrq. West
1300	1400	Vietnamese	9650	31	9650	31	Asia	Vietnam

(Mike Cooper, gh, dxld Nov 19, via Ivo Ivanov-BUL)

ERITREA - 7140.020 BC A3E - VoB - Radio Eritrea - with S9 in Germany now at 1555 UT, Nov 4th, 2018.

Both Asmara Eritrea TX again on air, but lowered their power to 5 - 10 kW? tiny strings of a Horn of Africa program

on
7140.020 kHz and 7180.020 kHz Tiny S=4-5 signals compared to neighbour 7205even SDN R Omdurman, Sudanese Arabic female presenter, S=9+5dB in Doha Qatar remote SDR unit, out of Sudanese 100 kW TX power at 0553 UT on Nov 9.

Am 9. November zwischen 0530 und 0605z habe ich auf beiden Frequenzen 7140.020 und 7180.020 kHz das Horn of Africa Programm gehoert, aber die Sendeleistung 'SCHEINT' herunter geschraubt worden zu sein ?

Nur duenner String mit S=6-7 in Belgien, sowie hier in Stuttgart, sowie im remote SDR unit in Doha Qatar. Dagegen der Nachbar 100 kW aus Omdurman Sudan 7205 kHz S=9+20dB power, also war ein deutlicher Unterschied festzustellen. (wb df5sx, wwdxc BC-DX TopNews Nov 9)

FRANCE / NIGERIA outlet / U.S.A. - Radio Nigeria Kaduna via TDF Issoudun and WRMI Okeechobee Florida state in USA relay sites, Nov 5/6:

0500-0700	7335 F	150 kW	170 deg	to Waf	Hausa
0500-0700	11580 YFR	100 kW	87 deg	to Waf	Hausa
0700-0900	11580 YFR	100 kW	87 deg	to Waf	Hausa
0700-0900	13840 F	150 kW	170 deg	to Waf	Hausa
1100-1500	11580 YFR	100 kW	87 deg	to Waf	Hausa
1100-1500	17690 F	150 kW	170 deg	to Waf	Hausa
2000-2300	7235*F	150 kW	170 deg	to Waf	Hausa
2000-2300	11580 YFR	100 kW	87 deg	to Waf	Hausa

(Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

Re Radio Kaduna Nigeria relays managed by Jeff White via WRMI Frequency Management Organization, as HFCC table requested #s 16009, 16011, 16012, and 16096. Requests show these details: via TDF Issoudun broadcast center

7335 05-07
13840 07-09
17690 11-15
7235 20-23

Both 7 MHz outlets via ALLF antenna type #216, like 4 'number of rows spaced half a wavelength apart one above the other'

13 and 17 MHz outlets on daytime coverage path via ALLF antenna type #227 instead on 6 'number of rows spaced half a wavelength apart one above the other'. Power is always lowered from original 500, - to 150 kW only.

Also this service via WRMI Okeechobee, Florida site on 11580 kHz at 05-09, 11-15, 20-23 UT. - - -
Signal on 17690 F at 1244 UT Nov 10: S=9+10dB in U.K. and Sweden, but back-sidelobe rest of the long range signal poor S=4-5 in Germany, Austria, Hungary, Finland and Moscow Russia remote SDR's.

7335even, F, Radio Nigeria Kaduna Hausa language sce via TDF Issoudun. S=9 at 0555 UT. Male voice program, but hefty suffered by powerful splatter of near-by BBCWS Woofferton UK signal on 7345even, latter S=9+20dB strength.

Re R Kaduna Nigeria relay via TDF Issoudun, my strong feeling is, paid for by EU Brussels budget or even by France/Germany's secret services to strengthen the Muslim government there.

Similar help by French government goes to TDA Algiers Arabic language program on shortwave 49, 41, and 31 mb. Covers Sahel Sahara zone with the Algiers program to the locals to stabilize the authority governments there - since a decade or much longer. Short morning log Nov 9th, in Germany, Belgium and Doha Qatar remotes.

Kaduna Nigeria program relay on TDF Issoudun, 17690even S=7 strength on sidelobe of the 170degr antenna. 11-15 UT RMI FMO requested, only lowered 150 kW outlet, but 6 row curtain #227 in use. Nov 11.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (wb df5sx, wwdxc BC-DX TopNews Nov 10 / 11)

GERMANY [GERMANY / ARMENIA / AUSTRIA / FRANCE] - NDR Hamburg 24 Dec transmission:

For this year <<https://www.ndr.de/info/sendungen/Gruss-an-Bord,grussanbord306.html>> gives so far no confirmation that shortwave relays have again been booked. But at least Media Broadcast already made plannings, with the frequencies to be used in the two blocks

1900-2100 and 2100-2300 UT being
for MBR Nauen 125 kW / 250 degr 6080/6145 kHz,

for MBR Nauen 125 kW / 130 degr 9740/9720 kHz,
 for TDF Issoudun 250 kW / 148 degr 9800/9830 kHz,
 for TDF Issoudun 250 kW / 195 degr 11650/9590 kHz,
 for ORS Moosbrunn 100 kW / 115 degr 9570/9650 kHz and
 for CJSC Gavar 100 kW / 305 degr 6030/6155 kHz.

The frequency switch at 2100 UT uses the caesura by news which are followed by a religious service, probably live. The greeting parts are prepared in advance, assembled from two semi-public recording sessions (on 9 Dec at Leer, on 16 Dec at Hamburg) and further studio read-outs.

On Sun Nov 20, Kai Ludwig wrote:

The Christmas Eve seafarer transmission of Norddeutscher Rundfunk will this year involve a sixth transmitter at a new site, Gavar (Armenia). It will beam back to Europe itself, to replace the closed mediumwave transmitters.

Details for this year are as follows. Transmission will run from 1900 to 2300 UT, where two frequencies are given they are for 1900-2100 and 2100-2300 UT, respectively.

MBR Nauen: 6125 / 5930 kHz, 125 kW, 250 degr; to Western Europe, Northern Atlantic and Carribean 9740 / 9765 kHz, 125 kW, 130 degr; to Indian Ocean.

ORS Moosbrunn: 9790 / 9650 kHz, 100 kW, 115 degr; to SAs / SEAs and Australia

TDF Issoudun: 9800 / 9590 kHz, 250 kW, 156 degr; to Eaf / SEaf and Indian Ocean 11650 / 9830 kHz, 250 kW, 195 degr; to Western Africa, Southern Atlantic and South America

CJSC Gavar: 6145 kHz, 100 kW, 305 degr; to the whole of Europe.

All transmissions through dipole walls, all powers above 100 kW are dictated by the equipment (500 kW transmitters at Nauen and Issoudun, of which the Telefunken ones at Nauen can be run at 25 percent but the Thomson-CSF ones at Issoudun not lower than at half power). Network source should be NDR Info Spezial, if you want to refer to <<http://www.ndr.de/radio/index.html>> (via Kai Ludwig-D, Nov 17, 2018, dxld Nov 19)

GERMANY [non] - Radio Free Asia aus Deutschland:

Nach dem Verlust der Sendeanlagen auf den Nördlichen Marianen blieben Bemühungen der amerikanischen Seite, eine Zulassung für Radio Free Asia in den Philippinen zu erhalten, erfolglos. Auch in Thailand besitzt RFA keine Sendelizenz. Die inzwischen umgesetzten Havarieschaltungen reichen deshalb bis nach Deutschland.

In Deutschland betreibt die U.S. Agency for Global Media weiterhin die Kurzwellenstationen von Radio Free Europe / Radio Liberty in Biblis und in Lampertheim. Deren Einsatzspektrum ist stark eingeschränkt, da die Antennenanlagen nur für Ausstrahlungen in die ursprünglichen Zielländer von RFE/RL ausgelegt sind.

(Die "ursprünglichen Zielländer" waren:

- Lampertheim (ehem. Radio Liberty, RL): UdSSR (weit und damit flache Abstrahlung)
- Biblis (ehem. Radio Free Europe, RFE): Rest des "Ostblocks" (näher und etwas weiter südlich)

1998 wurden in Lampertheim die Antennen geändert. Manche wurden abgebaut und dafür vier neue errichtet, die weiter Richtung Süden strahlen (2 x 80° und 2 x 120°, jeweils für 6-11 MHz und 11-21 MHz). Die sechs verbliebenen Lampertheimer Antennen aus RL-Zeit strahlen von 52° bis 77° (Richtung "UdSSR").

Biblis hat 12 Antennen für 63° bis 126°, die überwiegend steiler abstrahlen, also für kürzere Entfernungen. Nur Richtung 75° geht's flacher. Nach wie vor ergänzen sich beide Standorte. Andernfalls wäre einer der beiden vermutlich längst geschlossen.) (B. Weiskopf)

(Von der nahen Bahnstrecke aus deutlich sichtbar und ziemlich eingengt von der umliegenden Bebauung. Sendestärke begrenzt, Sender nicht koppelbar. we)

Das ist in diesem Fall kein Problem, da die Zielländer von Radio Free Asia weitgehend hinter der früheren Sowjetunion liegen. Trotzdem sind, geschuldet den schon recht großen Distanzen, bei den zu erwartenden Resultaten Abstriche zu machen. Am günstigsten liegen die Verhältnisse noch für Sendungen in die rund 5500 Kilometer entfernten westlichen Regionen von China.

In größerem Umfang für RFA herangezogen werden jetzt auch die Sendeanlagen der USAGM in Kuwait. Sie werden derzeit noch weiter ausgebaut, da die in Kuwait sehr niedrigen Strompreise hier für entsprechend geringe Betriebskosten sorgen.

Hinzu kommen noch angemietete Drittkapazitäten in den Vereinigten Arabischen Emiraten und vor allem in Tadschikistan. Insgesamt dürften Programme von RFA auf Kurzwelle damit jetzt wie folgt laufen (Zeitangaben in Mitteleuropäischer Zeit):

Sender Biblis
 01.30-02.30 Uhr: 9510 kHz; Burmesisch
 13.00-14.00 Uhr: 11555 kHz; Tibetisch
 18.00-21.00 Uhr: 9455 kHz; Mandarin
 22.00-23.00 Uhr: 9410 kHz; Mandarin
 23.30-00.30 Uhr: 9390 kHz; Khmer

Sender Lampertheim
 00.00-01.00 Uhr: 9900 kHz; Mandarin
 02.00-03.00 Uhr: 9310 kHz; Uigurisch
 02.00-03.00 Uhr: 13795 kHz; Tibetisch
 04.00-08.00 Uhr: 15340 kHz; Mandarin
 11.00-12.00 Uhr: 15665 kHz; Tibetisch

11.00-12.00 Uhr: 17 MHz (siehe unten); Tibetisch
 13.00-14.00 Uhr: 12055 kHz; Tibetisch
 13.30-14.30 Uhr: 15155 kHz; Khmer
 14.30-15.30 Uhr: 12130 kHz; Burmesisch
 20.00-22.00 Uhr: 7520 kHz; Mandarin
 22.00-23.00 Uhr: 9455 kHz; Mandarin

Sender Kuwait

00.00-01.00 Uhr: 7540, 9535 kHz; Tibetisch
 00.00-01.00 Uhr: 9860, 11775 kHz; Mandarin
 01.00-02.00 Uhr: 9910 kHz; Laotisch
 02.00-03.00 Uhr: 9450, 9700, 12065 kHz; Uigurisch
 02.00-04.00 Uhr: 11950 kHz; Tibetisch
 03.00-04.00 Uhr: 9455 kHz; Tibetisch
 03.00-04.00 Uhr: 11895 kHz; Tibetisch
 04.00-05.00 Uhr: 11980 kHz; Mandarin
 12.00-13.00 Uhr: 11550 kHz; Tibetisch
 14.00-15.00 Uhr: 12050, 13650 kHz; Tibetisch
 14.30-15.30 Uhr: 11795 kHz; Burmesisch
 16.00-17.00 Uhr: 11 MHz (siehe unten); Mandarin
 16.00-17.00 Uhr: 11805 kHz; Tibetisch
 17.00-18.00 Uhr: 7565 kHz; Uigurisch
 17.00-18.00 Uhr: 11 MHz (siehe unten); Uigurisch
 20.00-22.00 Uhr: 5890 kHz; Mandarin
 22.00-23.00 Uhr: 7520 kHz; Mandarin
 23.00-24.00 Uhr: 7480, 9790 kHz; Tibetisch
 23.30-00.30 Uhr: 11850 kHz; Khmer

Sender Abu Dhabi (Al-Dhabayya)

00.00-01.00 Uhr: 5970 kHz; Tibetisch
 07.00-08.00 Uhr: 21680 kHz; Tibetisch
 13.30-14.30 Uhr: 13735 kHz; Burmesisch

Sendeanlagen in Tadschikistan

23.00-01.00 Uhr: 7470 kHz; Tibetisch
 02.00-03.00 Uhr: 7560 kHz; Uigurisch
 02.00-03.00 Uhr: 11895 kHz; Tibetisch
 02.00-04.00 Uhr: 9670 kHz; Tibetisch
 05.00-08.00 Uhr: 11980 kHz; Mandarin
 07.00-08.00 Uhr: 17815 kHz; Tibetisch
 12.00-14.00 Uhr: 9315, 15745 kHz; Tibetisch
 13.00-14.00 Uhr: 15375 kHz; Tibetisch
 14.00-15.00 Uhr: 9315, 15375, 15745 kHz; Tibetisch
 16.00-17.00 Uhr: 7540 kHz; Tibetisch
 17.00-18.00 Uhr: 7545 kHz; Uigurisch

Die für China bestimmten Programme von RFA sind Ziel massiver Störsendungen. Seit einigen Jahren wird versucht, diese Störung zu erschweren, indem einige Ausstrahlungen an jedem Wochentag auf einer anderen Frequenz laufen. Der Erfolg ist sehr beschränkt: Die chinesischen Senderbetreiber folgen den täglichen Wechseln mühelos. Trotzdem wird diese Strategie auch jetzt noch in drei Fällen beibehalten. Die Ausstrahlung um 11.00 Uhr aus Lampertheim läuft nacheinander, von Montag bis Sonntag, auf 17830, 17790, 17815, 17820, 17840, 17795 und 17855 kHz.

(R EINS via H. Meixner)

Frequency change of Deutsche Welle via MBR Issoudun from Dec. 1:

1600-1700 NF 11995 ISS 500 kW / 130 deg to EAF Amharic, ex 15275

New time of Radio Waves International via Channel 292, Nov. 24:

0600-0700 on 6070 ROB 010 kW / non-dir to CEu English/French Sa, ex 07-08
 not parallel 7440 ROB 010 kW / non-dir to CEu other music program
 (DX MIX #1099)

GUAM - Reception of KTWR Trans World Radio Asia in English, Nov. 24:

1128-1158 9910 TWR 200 kW 350 deg to EAs Jap/Eng Sa, fair/good

1230-1300 9910 TWR 100 kW 290 deg to SAs English Sa, very good

1318-1346 7510 TWR 100 kW 320 deg to EAs English Sa, very good

*wrong frequency announcement: summer 12160, instead of 9910 kHz!

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

GUINEA / SAUDI ARABIA - 9650 Radio Guinee is now covered by Saudi Arabia in the evenings. Still audible weakly in the background, // to the webstream that can be found at <<https://rtgkoloma.info/>>

Weak with African music, 4 Nov at 2049 UT. The Saudis are gone at re-check at 2206 UT, Guinea with fair signal now with the news in French, still // webstream.

(Eike Bierwirth-D, hcdx & dxld Nov 4)

Checked this channel on Nov 9 at 1545 UT, noted in Germany, UAE and Delhi-IND remote SDRs. 9650.002 kHz R Guinea Conakry program underneath, but more powerful 9650.041 kHz odd frequency from Riyadh Saudi Arabia on this new B-18 channel. S=9+5dB strength here in southern Germany. Rather weak signal at S=5 level on short skip zone in Qatar.

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

INDIA - Winter B-18 frequency changes of All India Radio AIR:

0000-0045 NF 11590 PAN 250 kW 120 deg to SAs Tamil, ex 11740

0045-0115 NF 11590 PAN 250 kW 120 deg to SAs Sinhala, ex 11740

0130-0230 NF 7555 DEL 100 kW 154 deg to CAs Nepali, ex 7505

0130-0230 NF 9950 BGL 500 kW 035 deg to CAs Nepali, ex 9800

0700-0800 NF 9950 DEL 100 kW 102 deg to CAs Nepali, ex 9940
 0700-0800 NF 11620 DEL 100 kW 102 deg to CAs Nepali, ex 11730
 1145-1315 NF 15030 BGL 500 kW 060 deg to EAs Chinese, ex 15040
 1300-1500 NF 11590 DEL 250 kW 124 deg to SAs Sinhala, ex 11780
 2300-2400 NF 11590 PAN 250 kW 120 deg to SEAs Hindi, ex 11740
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

... Monitoring observations show that the following frequencies of new two 100 kW SW transmitters of AIR Delhi [Khampur site ?] used for External Services is not heard lately. 7250, 7380, 7505, 7555, 9835, 9950, 11620 kHz.

Only 4870 kHz is heard now. DRM service from AIR Bengaluru on SW is also not heard lately (they are on AM mode now). (Jose Jacob-IND VU2JOS, DXindia ng Oct 23)

Noted totally distorted audio signal on 11710 kHz, probably AIR Khampur Persian broadcast. Always something wrong with AIR service. Nov 3 at 1630 UT. (wb df5sx, wwdxc BC-DX TopNews Nov 3)

IRAN - Winter B-18 frequency changes of VIRI IRIB PARS TODAY:

Cancelled SW Chinese, Indonesian, Japanese, Kazakh & Uzbek. Extended programs in French, Hausa, Hebrew, Russian + Spanish.

0323-0420 NF 6085 SIR 288 deg EAF Arabic VOPalestine, ex7425
 0323-0420 NF 9550 SIR 30 deg EEU Russian, addit.
 0553-0650 NF13710 SIR 255 deg NWAf Hausa, addit.
 0553-0820 NF12035 SIR 65 deg WAS Dari, ex13740
 0600-0730 NF13790 SIR 216 deg NE/ME Arabic, ex13780
 0653-0720 NF15440 SIR 293 deg EAF Hebrew, addit.
 0723-0820 NF15200 SIR 300 deg SEU Spanish, ex17820
 0730-0830 NF13790 SIR 216 deg NE/ME Arabic, ex13780
 0923-1220 NF 9495 SIR 53 deg WAS Dari, ex13740 AHW
 1123-1150 NF17665 SIR 248 deg NWAf Hausa, addit.
 1223-1320 NF 7360 ZAH non-dir WAS Pashto, ex13750 AHW
 1253-1420 NF 6000 SIR 83 deg SAs Urdu, ex9500
 1323-1420 NF 9835 SIR 336 deg EEU Russian, ex11675
 1423-1520 NF 5920 SIR 90 deg SAs Hindi, ex5935
 1423-1520 NF 6155 SIR 90 deg SAs Bengali, ex9470
 1430-1730 NF 9800 SIR 216 deg NE/ME Arabic, ex9655
 1523-1620 NF 5965 SIR 95 deg SEAs English, ex9420
 1623-1650 NF 6155 SIR 90 deg SAs Bengali, addit.
 1923-1950 NF 6190 SIR 295 deg SEEU Italian, ex7305
 2223-2320 NF 7225 SIR 255 deg NWAf Hausa, addit.
 2223-2320 NF 7280 SIR 255 deg NWAf Hausa, addit.
 2323-0020 NF 6090 SIR 298 deg SAm Spanish, addit.
 2323-0020 NF 7230 SIR 240 deg SAm Spanish, addit.
 2323-0020 NF 7260 SIR 255 deg NWAf French, addit.
 2323-0020 NF 9660 SIR 255 deg NWAf French, addit.
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

LIBERIA - 6049.98 kHz ELWA Monrovia presumed to be the one here from 2042 UT tune-in to 2203 UT tune-out, with Christian sermons in African-accented English and gospel music. Initially poor, but grew to good by the end. There were announcements just past the top of each hour, but if there were IDs in there, I didn't pick them out. (My ears aren't what they used to be.) (Art Delibert-MD-USA, hcdx Nov 4)

6049.985 kHz Radio ELWA, Monrovia-LBR, tiny signal into southern Germany at 0620 UT on Nov 6.

[selected SDR options, span 12.5 kHz RBW 15.3 Hertz](wb df5sx, wwdxc BC-DX TopNews Nov 6)

KYRGYZ REPUBLIC - In November 7th heard on 4010 kHz via Kyrgyztelekom, Krasnaya Rechka, Bishkek, at 1600-1606 UT BBC WS nx in En// usual BBC WS SW freqs. Seems it is daily relay and they have also BBC WS Sport nx at 1005-1009 UT, acc to their schedule.
 (Rumen Pankov-BUL, via wwdxc BC-DX TopNews Nov 11)

MADAGASCAR - B-18 season changes of WCB Madagascar World Voice:

1800-1900 11885 355 deg EEU Russian tx#2 KNLS, New Life Stn ex 9570

1800-1900 13670 310 deg WAF English tx#3 African Pathways R ex17640
 1900-2000 9690 355 deg EEU Russian tx#3 KNLS, New Life Stn ex 9810
 1900-2000 11965 355 deg NE/ME Arabic tx#2 Radio Feda, ex11945
 2000-2100 11965 295 deg CAF English tx#3 African Pathways R ex17640
 2000-2100 13710 355 deg NE/ME Arabic tx#2 Radio Feda, ex11945
 2100-2200 11965 265 deg SAM Portug. tx#3 La Voz Alegre new language
 2200-2300 11965 55 deg EAs Chinese tx#3 The Light of Life, ex 9490
 0200-0300 15510 40 deg SAs English tx#3 African Pathways R ex 9600
 0300-0400 6180 265 deg SAM Spanish tx#2 La Voz Alegre, ex 7330
 0300-0400 15510 40 deg SAs English tx#3 African Pathways R ex15560
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

NIGERIA / FRANCE / UK / U.S.A. - 11580 kHz Nov 8 at 2042 UT, no signal from R. Nigeria, Kaduna, via WRMI Okeechobee Florida, scheduled 2000-2300 UT. Back after more than a month of silence, Ivo Ivanov points out that besides WRMI relays, RN, K is also scheduled via Issoudun, France:

05-07 UT 7335 kHz

07-09 UT 13840 kHz

11-15 UT 17690 kHz

20-23 UT 7235 kHz (-21 CCI with Romania).

These cover same timespans as RMI 11580 kHz, also 05-09 & 11-15 UT.

7335 kHz, Nov 9 at 0552 UT check, guess what:

JBA carrier under heavy pulse jamming by CUBA against an ex-Radio Marti frequency. Something's always wrong. (wb df5sx, wwdxc BC-DX TopNews Nov 9)

PALAU - Reception of WHRI T8WH Angel 3 & WHRI T8WH Angel 5, Nov. 24:

T8WH Angel 3

0900-1100 on 9930 HBN 100 kW / 318 deg to EaAs English Daily

1100-1200 on 9930 HBN 100 kW / 318 deg to EaAs English Su-Fr

T8WH Angel 5

1000-1200 on 9965 HBN 100 kW / 345 deg to NEAs English Sa

(DX MIX #1099)

PERU - 4747 kHz. RADIO HUANTA 2000. Nov 2, 2349-2359 UTC. Propaganda naturista, luego aviso de academia de ingles. SINPO: 55444.

4920 kHz. LA VOZ DEL PUEBLO. Nov 4, 0110-0120 UT. Musica. SINPO: 35343.

5025 kHz. R. QUILLABAMBA. Nov 4. 0120-0130 UT. Musica con saludos varios, especialmente de cumpleaños. SINPO: 55544.

5980 kHz. R. CHASKI. Noviembre 2. 2320-2330 UT. Musica. Desde las 2324 avisos de la emisora y musica intercalada. SINPO: 35343.

(Claudio Galaz-CHL, hcdx Nov 5)

5025.03, R Quillabamba, 1020, 11/25/18. RQ noted with good signal this morning, Sunday, from 1020 tune in, with the Cuban R. Rebelde missing! Very nice show, choral religious music, ranchera selections. ad string for Quillabamba tiendas at 1028 and then plug for informes program at 1029. From 1030 into live OM very bassy voice with live religious sermon over little snippets of music. Able to // with live webstream at 1033, too! Signal nothing like the powerhouse when the Cuban is transmitting, but a decent QSA for Peru. Still going good at 1036 when into more music. 5025 Rebelde blasting at 1215 recheck, blocking frequency. It was nice while it lasted, but perhaps worth checking on Sunday mornings for a late Rebelde s/on, leaving frequency open for the Peruvian?
 (Ralphus W Perry, IL, NASWA Flashsheet Nov 24 via WOR 1958, DXLD)

ROMANIA - Winter B-18 frequency changes of Radio Romania International:

0000-0056 NF 9600 TIG 300 kW 247 deg to SAM Spanish, ex13730
 0300-0356 NF 6155 GAL 300 kW 310 deg to CeAM Spanish, ex 9480
 0400-0456 NF 9820 TIG 090 kW 97 deg to SAs English DRM ex 9800AM
 0500-0526 NF11820 TIG 300 kW 67 deg to EAs Chinese, ex15220
 0600-0626 NF 9610 GAL 090 kW 285 deg to WEu French DRM, ex 6040
 0730-0756 NF 9610 GAL 300 kW 245 deg to NoAF Arabic, ex15360
 0730-0756 NF11960 TIG 300 kW 142 deg to NE/ME Arabic, ex15330

0730-0756 NF13630 TIG 300 kW 142 deg to NE/ME Arabic, ex17810
 0800-0856 NF11960 TIG 300 kW 142 deg to NE/ME Romanian Sun, ex15370
 0800-0856 NF13630 TIG 300 kW 142 deg to NE/ME Romanian Sun, ex17860
 0900-0956 NF11780 GAL 300 kW 175 deg to EaAF Romanian Sun, ex17745
 0900-0956 NF11960 TIG 300 kW 142 deg to NE/ME Romanian Sun, ex15430
 0900-0956 NF13630 TIG 300 kW 142 deg to NE/ME Romanian Sun, ex17775
 1000-1056 NF11780 GAL 300 kW 285 deg to WEu Romanian Sun, ex17870
 1100-1156 NF11780 GAL 300 kW 285 deg to WEu French, ex17870
 1200-1256 NF11825 TIG 300 kW 307 deg to WEu English, ex17650
 1200-1256 NF17800 GAL 300 kW 165 deg to Eaf English, ex17765
 1300-1326 NF13630 TIG 300 kW 142 deg to NE/ME Arabic, ex13610
 1400-1456 NF 7410 TIG 300 kW 52 deg to Cas Russian, ex11985
 1630-1656 NF 6100 TIG 300 kW 142 deg to NE/ME Arabic, ex11760
 1700-1756 NF 7325 TIG 300 kW 292 deg to WEu French, ex 7230
 1700-1756 NF 9870 TIG 090 kW 292 deg to WEu French DRM, ex 9810
 2000-2056 NF 5920 TIG 300 kW 277 deg to SEu Spanish, ex 9610
 2200-2256 NF 9490 TIG 090 kW 247 deg to SAm Spanish DRM ex13730AM
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

Frequency change of NEXUS IRRS EGR/UNR via Radiocom from Nov.30:

1900-2000 NF 6075 SAF 100 kW / 300 deg to WEu English 1st/2nd/4th Fr, ex 7290
 1900-2000 NF 6075 SAF 100 kW / 300 deg to WEu German 3rd Fri R.City, ex 7290
 1900-2000 NF 6075 SAF 100 kW / 300 deg to WEu English every Sa/Su, ex 7290
 (DX MIX #1099)

SOUTH AFRICA - B-18 frequency changes of Channel Africa & Radio Sonder Grense via SenTec Meyerton site:
 Channel Africa

0600-0655 NF11925 RSA 250 kW 315 deg Waf English Mo-Fr, ex15255
 0900-1200 NF 7230 RSA 100 kW 5 deg SAf English Mo-Fr, ex 9625
 1200-1300 NF 7230 RSA 100 kW 5 deg SAf Nyanja Mo-Fr, ex 9625
 1300-1400 NF 7230 RSA 100 kW 5 deg SAf Lozi Mo-Fr, ex 9625
 1400-1500 NF 7230 RSA 100 kW 5 deg SAf Portuguese Mo-Fr, ex 9625
 1500-1600 NF 7260 RSA 100 kW 5 deg SAf English Mo-Fr, ex 9625

Radio Sonder Grense

0800-1555 NF 7330 RSA 100 kW 275 deg SAf Afrikaans, ex 9650
 1600-1755 NF 7285 RSA 100 kW 275 deg SAf Afrikaans, ex 9650
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

SPAIN - 9690, REE at 0257 in Spanish with pop vocals to time pips at 0300 and brief IS and a man with a "Radio Exterior de Espana" ID and sked and another ID and IS from 0301 to 0305 and off - Very Good Nov 24 - This is the second time this week that I have monitored this frequency at this hour and come away without hearing any English. Has anyone heard REE in English at 0300? I certainly haven't. They are definitely in English at 2300 on Mondays, Wednesdays, and Fridays. Is English at 0300 on Tuesdays, Thursdays, and Saturdays actually scheduled or is it just wishful thinking on the part of DXers and SWLs?
 (Mark Coady, Selwyn, Ontario, Kenwood TS440S / Ten-Tec Argonaut II and 40 + 80 m off centre-fed dipoles, ODXA iog via DXLD)

REE emite las 24 horas del día, fundamentalmente en español, pero también en otros idiomas como judeo-español, inglés, portugués y francés. Puedes ver la parrilla de programación en horario oficial de España (UTC+1) en <<http://www.rtve.es/radio/radio-exterior/programacion/>>

Ahora bien, como se ve, no emite toda su programación por onda corta. A continuación su esquema en onda corta del periodo B18:

Lunes a Viernes a las siguientes horas:

1600-2400 11.685 África Occidental y Atlántico sur, 12.030 Oriente Medio, Índico y Gran Sol
 1900-0300 9.690 América del norte y Groenlandia, 11.940 América del sur.

Sábados y domingos en el siguiente horario:

1500-2300 11.685 África Occidental y Atlántico sur, 11.940 América del sur, 9.690 América del norte y Groenlandia, 12.030 Oriente Medio, Índico y Gran Sol.

De manera que éste es el horario de emisiones tabulado y ordenado por horas:

HORA UTC	FRECUENCIAS	IDIOMAS	DIAS UTC	DESTINOS
0000-0030	9690, 11940	Portugués	MXJV	N-AM, S-AM
0030-0300	9690, 11940	Español	MXJV	N-AM, S-AM
1500-2230	9690, 11685, 11940, 12030	Español	D	N-AM, S-AF, S-AM, OR-M

1500-2300	9690, 11685, 11940, 12030	Español	S	N-AM, S-AF, S-AM, OR-M
1600-1800	11685, 12030	Español	LMXJV	S-AF, OR-M
1800-1830	11685	Español	L	S-AF
1800-1830	11685	Portugués	MXJV	S-AF
1800-1830	12030	Español	MJ	OR-M
1800-1830	12030	Ruso	LXV	OR-M
1830-2230	11685, 12030	Español	LMXJV	S-AF, OR-M
1900-2300	9690, 11940	Español	LMXJV	N-AM, S-AM
2230-2300	11685	Español	LMXJV	S-AF
2230-2300	12030	Árabe	LMXJV	OR-M
2230-2300	9690, 11685, 11940, 12030	Sefardí	D	N-AM, S-AF, S-AM, OR-M
2300-2400	11685, 12030	Español	LMXJV	S-AF, OR-M
2300-2330	9690, 11940	Español	MJ	N-AM, S-AM
2300-2330	9690, 11940	Inglés	LXV	N-AM, S-AM
2330-2400	9690, 11940	Francés	LMXJV	N-AM, S-AM

Abbreviations for days: L=Monday, M=Tuesday, X=Wednesday, J=Thursday, V=Friday, S=Saturday, D=Sunday.

SRI LANKA - 15179.877v kHz on Oct 29 at 1443 UT, way off-frequency JBA; It's AWR via SLBC Trincomalee relay site, scheduled at 1430-1500 UT, 125 kW at 45 degrees in KxF language which EiBi's readme.txt shows means Manumanaw Karen / Kawyaw / Kayah: Myanmar with (10,000) speakers. How many have been converted to SDA already, and counting?

9739.918v kHz on Oct 29 at *1500 UT, AWR theme after a few seconds overlap-hetting RB Australia, q.v. It's Nepali language until 1530 UT, 125 kW, 15 degrees from SLBC Trincomalee relay. Are any of their frequencies accurate? Seems like originally they were; what happened? (gh, hcdx and dxld Oct 29)

re: Are any of their frequencies accurate? Yes, the three 250 kW TX units of former DWL Bonn/Berlin Germany relay site:

15430even kHz frequency at 1322 UT on Nov 9, S=9+5dB AWR Nepali sce scheduled at 1300-1330 UT, noted on remote SDR unit in New Delhi-IND.

11934.902 kHz at 1315 UT on Nov 9, S=9 AWR Chinese sce, 13-14 UT, noted on remote SDR unit in New Delhi-IND.

11945even kHz at 1338 UT on Nov 9, S=8 AWR Hmong sce[on Fr], 1330-1400 UT, noted on remote SDR unit in New Delhi-IND.

15179.874 kHz at 1448 UT on Nov 9, S=8 AWR Karen, 1430-1500 UT, noted on remote SDR unit in Seoul-KOR.

15215even kHz at 1453 UT on Nov 9, S=8 AWR Burmese, 1430-1500 UT, noted on remote SDR unit in Seoul-KOR.

9739.921 kHz at 1505 UT on Nov 9, S=8 AWR Nepalese sce, 1500-1530 UT, noted on remote SDR unit in New Delhi-IND.

15250 kHz at 1508 UT on Nov 9, scheduled S=8 AWR Mizo sce, BUT NOT ON AIR when checked Friday Nov 9, 1500-1530 UT.

11985even kHz at 1550 UT on Nov 9, S=9+25dB AWR Tibetan sce, on Thur/Fri only. Annmt "Serengi Radio", flute mx.

1530-1600 UT, noted on remote SDR unit in New Delhi-IND and Doha Qatar.

12034.901 kHz at 1554 UT on Nov 9, S=9+35dB powerhouse signal AWR Marathi to India sce, 1530-1600 UT, noted on remote SDR unit in New Delhi-IND.

11750even kHz at 1635 UT on Nov 9, S=9 SLBC Sinhala sce to Indian subcontinent and UAE/ARS states to the foreign worker there. 1630-1830 UT, noted on remote SDR unit in New Delhi-IND and Doha Qatar.

15359.877 kHz at 1640 UT on Nov 9, S=8-9 AWR Pashto sce to AFG/IRN target, 1630-1700 UT, noted on remote SDR unit in New Delhi-IND.

15155.004 kHz at 1845 UT on Nov 9, S=3 -106dBm poor sidelobe signal of West Africa sce at 255degr. AWR English, 1830-1900 UT, noted on remote SDR unit in U.K. far away distance.

9540even kHz at 2100-2200 UT on Nov 9, AWR in Chinese, S=9+15dB. Checked in Seoul-KOR remote SDR at 2130 UT Nov 9

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

B-18 taken from Aoki Nagoya-JPN Perseus userlist:

9510	0000-0030	CLN	ADVENTIST	WORLD	R.	Tha	Trincomalee	1-7
11905	0030-0100	CLN	SRI LANKA	BC		Hin	Trincomalee	1-7
15625	0100-0130	CLN	ADVENTIST	WORLD	R.	Chi	Trincomalee	67
15625	0100-0130	CLN	ADVENTIST	WORLD	R.	Amo	Trincomalee	12345
11905	0115-0230	CLN	SRI LANKA	BC		Hin	Trincomalee	1-7
15625	0130-0200	CLN	ADVENTIST	WORLD	R.	Chi	Trincomalee	7
15625	0130-0200	CLN	ADVENTIST	WORLD	R.	Can	Trincomalee	1-6
15500	0300-0330	CLN	ADVENTIST	WORLD	R.	Oro	Trincomalee	1-7
15500	0400-0430	CLN	ADVENTIST	WORLD	R.	Amh	Trincomalee	1-7
17780	0500-0600	CLN	ADVENTIST	WORLD	R.	Ara	Trincomalee	1-7
9720	1115-1215	CLN	SRI LANKA	BC		Tam	Trincomalee	1-7
15610	1130-1200	CLN	ADVENTIST	WORLD	R.	Sha	Trincomalee	1-7
15400	1200-1230	CLN	ADVENTIST	WORLD	R.	Mon	Trincomalee	1-7
11825	1200-1300	CLN	ADVENTIST	WORLD	R.	Kor	Trincomalee	1-7
15430	1230-1300	CLN	ADVENTIST	WORLD	R.	Mei	Trincomalee	146
15430	1230-1300	CLN	ADVENTIST	WORLD	R.	Ben	Trincomalee	2357
15430	1300-1330	CLN	ADVENTIST	WORLD	R.	Nep	Trincomalee	1-7
11935	1300-1400	CLN	ADVENTIST	WORLD	R.	Chi	Trincomalee	1-7
11945	1330-1400	CLN	ADVENTIST	WORLD	R.	Mal	Trincomalee	237
11945	1330-1400	CLN	ADVENTIST	WORLD	R.	Hmo	Trincomalee	56
11945	1330-1400	CLN	ADVENTIST	WORLD	R.	Ass	Trincomalee	14
15180	1430-1500	CLN	ADVENTIST	WORLD	R.	Kar	Trincomalee	1-7
15215	1430-1500	CLN	ADVENTIST	WORLD	R.	Bur	Trincomalee	1-7
9740	1500-1530	CLN	ADVENTIST	WORLD	R.	Nep	Trincomalee	1-7
15250	1500-1530	CLN	ADVENTIST	WORLD	R.	Miz	Trincomalee	1-7
11985	1530-1558	CLN	ADVENTIST	WORLD	R.	Eng	Trincomalee	12347
11985	1530-1558	CLN	ADVENTIST	WORLD	R.	Tib	Trincomalee	56
12035	1530-1600	CLN	ADVENTIST	WORLD	R.	Mar	Trincomalee	1-7
11985	1600-1630	CLN	ADVENTIST	WORLD	R.	Urd	Trincomalee	1-7
15360	1630-1700	CLN	ADVENTIST	WORLD	R.	Sin	Trincomalee	1357
15360	1630-1700	CLN	ADVENTIST	WORLD	R.	Pas	Trincomalee	246
11750	1630-1830	CLN	SRI LANKA	BC		Sin	Trincomalee	1-7
15155	1830-1900	CLN	ADVENTIST	WORLD	R.	Eng	Trincomalee	1-7
9540	2100-2200	CLN	ADVENTIST	WORLD	R.	Chi	Trincomalee	1-7

SUDAN - 9505 kHz, Voice of Africa Omdurman on air now. Reviewing today's (3 Dec) automated recording using the U. Twente SDR rx, the transmitter came on shortly after 1630 UT with the first couple of minutes in Arabic. "Huna Omdurman" ID clearly heard. Signal was fair to start with but deteriorated after about an hour. French started at about 16.32:40 UT with English following at about 1716 UT. Hard to tell when it exactly started (or ended) as reception was getting quite noisy by then. So, today at least, while the French program was listenable, the English one really wasn't. (Richard Langley-NB-CAN, dxld Dec 4)

TAIWAN - B-18 season changes of Radio Taiwan International:

0900-1000	NF	6105	KOU	100	kW	267	deg	to	EAs	Chinese, addit.
0900-1000	NF	9700	TSH	100	kW	352	deg	to	EAs	Chinese, addit.
1200-1300	NF	9470	TSH	100	kW	352	deg	to	EAs	Chinese, ex 7385
1200-1400	NF	11640	KOU	100	kW	310	deg	to	EAs	Chinese, ex 5900
1200-1300	NF	11985	TSH	100	kW	352	deg	to	EAs	Chinese, ex 9545
1500-1530	NF	9545	PAO	250	kW	205	deg	to	SEAs	Cantonese, ex11605
1530-1600	NF	9545	PAO	250	kW	205	deg	to	SEAs	Hakka, ex11605
1600-1700	NF	6180	PAO	300	kW	225	deg	to	SAs	English, ex 6185
1700-1800	NF	7220	F	500	kW	055	deg	to	EEu	Russian, ex 5935
1900-1930	NF	5900	SCB	100	kW	306	deg	to	WEu	German, ex 1900-2000 UT 3955 kHz WOF_UK.

(Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

THAILAND - HSK9 Radio Thailand World Service Bangkok, via US IBB BBG Udorn Thani relay site, in 31mb Nov 7:

1800-1900	NF	7475	UDO	250	kW	316	deg	to	WEu	Thai, ex 9390
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1900-2000 NF7475 UDO 250 kW 324 deg to WEu English, ex 9390
 2000-2015 NF7475 UDO 250 kW 324 deg to WEu German, ex 9390
 2030-2045 NF7475 UDO 250 kW 324 deg to WEu English, ex 9390
 2045-2115 NF7475 UDO 250 kW 316 deg to WEu Thai, ex 9390

Good signal of HSK9 Radio Thailand World Sce Bangkok, Nov 9:

1230-1300 9940 UDO 250 kW 132 deg to SEAS English, ex 9390 B-17
 1400-1430 9940 UDO 250 kW 132 deg to SEAS English, ex 9390 B-17
 (Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

TURKEY - B-18 TUR TRT Emirler schedule, measured odd fqs of 5th TX unit approx. +680 ... to 710 Hertz upper flank.

Winter B-18 SW schedule for TRT Voice of Turkey Emirler Nov 28/29:

0100-0255	UT	6000	EMR	500	kW	072	deg	to	CAs	Turkish	
0200-0255	UT	9410	EMR	500	kW	252	deg	to	SAm	Spanish	9410.006
0200-0255	UT	9650	EMR	500	kW	290	deg	to	CAm	Spanish	9650.005
0300-0355	UT	9460	EMR	500	kW	072	deg	to	CAs	Uyghur	
0400-0455	UT	6125	EMR	500	kW	310	deg	to	ENAm	English	
0400-0455	UT	7240	EMR	500	kW	138	deg	to	NE/ME	English	
0500-0555	UT	9700	EMR	500	kW	310	deg	to	WEu	Turkish	9700.021
0500-0555	UT	11660	EMR	250	kW	150	deg	to	NE/ME	Turkish	11660.006
0500-0555	UT	17530	EMR	500	kW	105	deg	to	SEAs	Malay	17530.008
0600-0655	UT	9700	EMR	500	kW	310	deg	to	WEu	Turkish	9700.021
0600-0655	UT	11660	EMR	250	kW	150	deg	to	NE/ME	Turkish	11660.006
0600-0655	UT	15235	EMR	500	kW	210	deg	to	CeEaAF	Hausa	15235.698
0700-0755	UT	11925	EMR	500	kW	105	deg	to	WAs	Turkish	11925.008
0700-0755	UT	15235	EMR	500	kW	210	deg	to	CEAf	Swahili	15235.698
0700-0755	UT	15350	EMR	500	kW	310	deg	to	WEu	Turkish	15350.027
0700-0755	UT	15480	EMR	500	kW	150	deg	to	NE/ME	Turkish	15480.008
0800-0955	UT	11925	EMR	500	kW	105	deg	to	WAs	Turkish	11925.007
0800-0955	UT	15350	EMR	500	kW	310	deg	to	WEu	Turkish	15350.026
0800-0955	UT	15480	EMR	500	kW	150	deg	to	NE/ME	Turkish	15480.008
0800-0855	UT	11710	EMR	250	kW	072	deg	to	CAs	Azeri	11710.005
0930-1055	UT	11795	EMR	250	kW	100	deg	to	WAs	Persian	11795.695
1000-1055	UT	11955	EMR	500	kW	180	deg	to	NEAf	Arabic	11955.008
1000-1255	UT	15350	EMR	500	kW	310	deg	to	WEu	Turkish	15350.026
1000-1255	UT	15480	EMR	500	kW	150	deg	to	NE/ME	Turkish	15480.007
1100-1125	UT	15360	EMR	500	kW	032	deg	to	EEu	Tatar	15360.006
1100-1155	UT	9840	EMR	250	kW	072	deg	to	CAs	Georgian	9840.006
1130-1155	UT	13655	EMR	500	kW	062	deg	to	CAs	Uzbek	13655.693
1200-1225	UT	7245	EMR	250	kW	300	deg	to	SEEu	Bulgar	7245.689
1200-1255	UT	13630	EMR	500	kW	072	deg	to	EAs	Chinese	13630.007
1230-1325	UT	15270	EMR	500	kW	310	deg	to	WEu	German	15270.007
1300-1325	UT	11965	EMR	250	kW	072	deg	to	CAs	Turkmen	11965.024
1300-1355	UT	15350	EMR	500	kW	310	deg	to	WEu	Turkish	15350.008
1300-1355	UT	15390	EMR	500	kW	095	deg	to	SAs	Urdu	15390.009
1330-1425	UT	12035	EMR	500	kW	305	deg	to	WEu	English	12035.012
1330-1425	UT	13685	EMR	500	kW	072	deg	to	CAs	Uyghur	13685.024
1400-1455	UT	9410	EMR	500	kW	020	deg	to	EEu	Russian	9410.007
1400-1655	UT	11815	EMR	250	kW	310	deg	to	WEu	Turkish	11815.007, 11815.687
1430-1455	UT	9785	EMR	500	kW	072	deg	to	CAs	Kazakh	9785.019
1500-1525	UT	6185	EMR	500	kW	290	deg	to	SEEu	Italian	6185.004
1500-1555	UT	7295	EMR	250	kW	150	deg	to	NE/ME	Arabic	7295.019
1500-1555	UT	17720	EMR	500	kW	252	deg	to	NoWaf	Arabic	17720.007
1600-1625	UT	9595	EMR	500	kW	072	deg	to	WAs	Dari	9595.020
1600-1655	UT	6070	EMR	500	kW	105	deg	to	WAs	Persian	6070.004
1630-1725	UT	5965	EMR	500	kW	090	deg	to	WAs	Azeri	5965.681
1630-1655	UT	9595	EMR	500	kW	072	deg	to	WAs	Pashto	9595.021
1700-1725	UT	9595	EMR	500	kW	072	deg	to	WAs	Uzbek	9595.022
1700-2155	UT	5980	EMR	500	kW	310	deg	to	WEu	Turkish	5980.004
1700-2155	UT	6120	EMR	500	kW	138	deg	to	NE/ME	Turkish	6120.005
1730-1825	UT	9495	EMR	250	kW	290	deg	to	SEu	Spanish	

1730-1825 UT 11730 EMR 500 kW 105 deg to WAS English
 1830-1925 UT 5945 EMR 250 kW 310 deg to WEu German
 1830-1925 UT 9620 EMR 500 kW 180 deg to CEAF French
 1930-2025 UT 6050 EMR 250 kW 310 deg to WEu English 6050.018
 2030-2125 UT 5970 EMR 500 kW 290 deg to WEu French 5970.017
 2030-2125 UT 9625 EMR 500 kW 245 deg to NWAf French 9625.701
 2130-2225 UT 9610 EMR 500 kW 105 deg to SEAs English 9625.695 !!!
 maybe changed from 9610 to 9625 kHz ? 9610 kHz is totally covered by
 CRI Kashgar English outlet 9600 kHz, 500 kW, like 22 kHz wideband
 program block.
 2300-2355 UT 5960 EMR 500 kW 310 deg to EaNoAM English 5960.003
 (Ivo Ivanov-BUL, swldxbulgaria via fq measure update by wb. wwdxc BC-DX TopNews Nov 21/28/29)

U.S.A.: - No sign of WINB in 19 metres where they supposedly are testing DRM on weekday noontimes UT. 22 Oct.
 (Kenneth Vito Zichi, Williamston MI-USA, dxld Oct 29)

17775 kHz, KVOH CA, with Religi-pop music and English Bible Teaching, that was SANE, but not nearly so useful as
 the feature from Madagascar about AIDS and public health. This would have been lost in the noise if the power were
 on. An 'interesting' ID at 1726 UT "Radio is Love, this is the Voice of Hope." Started out 2+5432+, but up to 35443+
 by BoH. At 1720-1730 UT on Oct 20.
 (Kenneth Vito Zichi, Williamston MI-USA, dxld Oct 29)
English only on Saturdays (gh, dxld)

Reception of World Harvest Radio Int. WHRI Angel 2 & WHRI Angel 1, Nov.25:
 2000-2100 on 9505^HRI 250 kW / 047 deg to WEu English Su Angel 2, good signal
 2200-2300 on 9505 HRI 250 kW / 047 deg to WEu English Sa/Su Angel 1, very good
 ^change to frequency 7505 December 2 - March 2 and to frequency 11750 from March 3
 (DX MIX #1099)

WRMI begins airing a new program, Supreme Master TV (suprememastertv.com), on November 30 at 1500-1800 UTC
 on 15770 kHz seven days per week. Additional hours of SMTV may appear on other WRMI frequencies at other times.
 SMTV originates in Vietnam and broadcasts in English and a variety of other languages. The programs promote issues
 such as world peace, veganism, animal rights and global warming. Sample program titles include: Cinema Scene,
 Healthy Living, Science and Spirituality, Nature's Beauty, and Secrets of the Universe. You can also hear various types
 of music, including music from Vietnam. Your comments and reception reports on this new program are welcome at
 <info@wrmi.net>.

Jeff White, General Manager
 WRMI Radio Miami International
 10400 NW 240th Street
 Okeechobee, Florida 34972 USA
 (Nov. 30, 2018)

U.S.A. [non] - Winter B-18 frequency changes of Adventist World Radio:

[ALL of the below are labelled NF for new frequency! Why so many changes? A good way to lose audience
 unnecessarily, gh dxld]

0000-0030	5010	YFR	100	kW	151	deg	CARI	Spanish,	ex 5950
0000-0030	17650	SDA	100	kW	285	deg	SEAs	Burmese,	ex 9810 TRM
0030-0100	17530	SDA	100	kW	285	deg	SEAs	Manumanaw Karen,	ex 9810 TRM
0230-0300	5975	OE	300	kW	94	deg	SAs	Punjabi,	ex 5970
0300-0330	7350	NAU	250	kW	140	deg	EAF	Tigrigna,	ex 7315
0330-0400	6170	OE	300	kW	100	deg	WAs	Farsi,	ex 6120
0300-0330	15500	TRM	250	kW	270	deg	EAF	Oromo,	ex12010 MDC
0400-0430	5975	F	125	kW	95	deg	SEEu	Bulgarian,	ex N
0400-0430	15500	TRM	125	kW	270	deg	EAF	Amharic	ex0330-0400 11875 TAC
0500-0600	17780	TRM	125	kW	300	deg	CEAF	Arabic,	ex TAC
0600-0630	7375	F	250	kW	162	deg	WAF	French,	ex12015
1100-1130	5010	YFR	100	kW	151	deg	CAR	Spanish,	ex 5950
1100-1200	9610	SDA	100	kW	330	deg	EAs	Chinese,	ex11730
1200-1300	9460	SDA	100	kW	330	deg	EAs	Korean,	ex 9880
1200-1230	15400	TRM	125	kW	60	deg	SAs	Mon,	ex1230-1300 15195 SDA
1300-1330	11590	SDA	100	kW	285	deg	SEAs	Khmer,	ex11900
1300-1330	11730	SCB	100	kW	75	deg	EAs	Chinese Mo-Fr,	ex15480 N

1300-1330	11730	SCB	100	kW	75	deg	EAs	Uighur Sa/Su,	ex15480	N
1300-1330	15450	SDA	100	kW	285	deg	SEAs	Kachin,	ex15670	
1300-1400	11935	TRM	125	kW	45	deg	EAs	Chinese,	ex SDA	
1300-1400	11855	SDA	100	kW	330	deg	EAs	Korean,	ex12025	
1330-1400	11730	SCB	100	kW	75	deg	EAs	Chinese,	ex15480	N
1330-1400	11945	TRM	125	kW	25	deg	SAs	Hmong Thu/Fr,	ex11900	SDA
1330-1400	11945	TRM	125	kW	25	deg	SAs	Assamese Su/Wed	ex11900	SDA
1330-1400	11945	TRM	125	kW	90	deg	SEAs	Indonesian Mo/Tu/Sa	ex11900	
1330-1400	12035	SDA	100	kW	270	deg	SEAs	Thai,	ex15450	
1330-1400	12085	SDA	100	kW	270	deg	SEAs	Lao Thu/Sa,	ex17770	TRM
1330-1400	12085	SDA	100	kW	270	deg	SEAs	Thai Mo-Wed/Fr	ex17770	TRM
1400-1430	11870	SDA	100	kW	285	deg	SEAs	Asho Chin,	ex15150	
1400-1430	15255	MDC	250	kW	55	deg	SAs	Sinhalese,	ex SDA	
1400-1430	12025	OE	300	kW	95	deg	SAs	Urdu,	ex15440	
1400-1500	11730	NAU	250	kW	70	deg	EAs	Chinese,	ex15480	
1400-1500	9580	SDA	100	kW	315	deg	EAs	Chinese,	ex11935	
1430-1500	11985	SDA	100	kW	285	deg	SEAs	Pwo Western Karen,	ex15150	
1430-1500	15180	TRM	125	kW	45	deg	SEAs	Manumanaw Karen,	ex SDA	
1430-1500	15215	TRM	125	kW	45	deg	SEAs	Burmese,	ex15255	SDA
1500-1530	9740	TRM	125	kW	15	deg	SAs	Nepali,	ex11900	SDA
1500-1530	11945	SCB	100	kW	126	deg	SAs	Tamil,	ex15715	SDA
1500-1530	11985	SCB	100	kW	90	deg	SAs	Telugu,	ex15490	SDA
1500-1530	15250	TRM	125	kW	25	deg	SAs	Lushai,	ex SDA	
1530-1600	9830	SCB	100	kW	90	deg	SAs	Hindi,	ex15250	N
1530-1600	9855	DB	100	kW	137	deg	SAs	Oriya,	ex15715	SDA
1530-1600	9905	ERV	100	kW	255	deg	SAs	Kannada,	ex15730	SDA
1530-1600	11945	SCB	100	kW	126	deg	SAs	Gujarati,	ex 9505	TAC
1530-1600	11955	OE	300	kW	95	deg	SAs	Punjabi,	ex11995	
1530-1600	12035	TRM	125	kW	345	deg	SAs	Marathi,	ex11955	SDA
1530-1630	9765	SDA	100	kW	330	deg	EAs	Korean, additional		
1600-1630	9770	SCB	100	kW	90	deg	SAs	English,	ex15715	SDA
1600-1630	11985	TRM	125	kW	345	deg	SAs	Urdu,	ex SDA	
1630-1700	11955	NAU	250	kW	139	deg	Eaf	Tigrinya,	ex15490	
1630-1700	12035	NAU	250	kW	141	deg	Eaf	Amharic,	ex1700-1730	11985
1630-1700	15360	TRM	125	kW	345	deg	SAs	Pashto M/W/F,	ex11985	SDA
1630-1700	15360	TRM	125	kW	345	deg	SAs	Sindhi Su/Tu/Th/Sa	ex11985	
1700-1730	11800	RSA	250	kW	19	deg	CEAf	Swahili,	ex15490	
1730-1800	9800	F	125	kW	180	deg	NAf	Kabyle,	ex11985	N
1730-1800	11870	F	250	kW	126	deg	Eaf	Oromo,	ex15155	
1800-1900	7225	OE	300	kW	175	deg	Eaf	Arabic,	ex11985	
1900-1930	7275	OE	300	kW	190	deg	Waf	Hausa,	ex 9840	
1900-1930	9895	NAU	250	kW	218	deg	Waf	Wolof,	ex11750	
1900-2000	6120	NAU	250	kW	210	deg	NoAF	Arabic,	ex 9535	
1930-2000	9780	OE	300	kW	170	deg	CAf	French,	ex15155	
1930-2000	9850	RSA	250	kW	328	deg	Waf	Ibo,	ex F	
1930-2000	11790	RSA	250	kW	328	deg	Waf	Fulfulde,	ex17800	
2000-2030	9515	MDC	125	kW	320	deg	NAf	French,	ex N	
2000-2030	6070	OE	300	kW	210	deg	Waf	Dyula,	ex 9770	
2000-2030	9780	RSA	250	kW	328	deg	Waf	French,	ex11800	
2030-2100	7270	OE	300	kW	205	deg	Waf	French,	ex11980	
2100-2130	7270	OE	300	kW	210	deg	Waf	English,	ex11980	
2030-2100	9780	RSA	250	kW	328	deg	Waf	Yoruba,	ex11750	
2200-2230	12040	SDA	100	kW	255	deg	SEAs	Sundanese M/W/F/S	ex 9720	TRM
2200-2230	12040	SDA	100	kW	255	deg	SEAs	English T/T/Su,	ex 9720	TRM
2230-2300	12040	SDA	100	kW	255	deg	SEAs	Javanese,	ex 9720	TRM
2200-2300	11870	SDA	100	kW	345	deg	EAs	Chinese,	ex15685	
2200-2300	11955	SDA	100	kW	255	deg	SEAs	Indonesian,	ex11800	
2300-2400	15685	SDA	100	kW	330	deg	EAs	Chinese,	ex17520	

(Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

VATICAN STATE [and non] - B-18 schedule for Vatican Radio in English:

1130-1200	Fr	ME	15595-smg	17590-smg	(Mass)
1630-1700	Daily	Af	11625-mdc	13830-smg	
1715-1730	Daily	ME	7230-smg		
2000-2030	Daily	AF	6010-smg	7365-smg	

mdc = MGL0B Talata Volonondry Madagascar relay facility.
(HFCC via Nov BrDXC-UK "Communication" monthly magazine via dxld Nov 12)

[VATICAN STATE / MARIANA ISL? / PHILIPPINES / U.S.A.] - B-18 schedule for Vatican Radio:

1230-1245	NF 9695	GB	250 kW	168 deg	CAM	Spanish,	ex	9610
1230-1315	NF 6115	TIN	250 kW	329 deg	EAS	Chinese Mass Sa,	ex	11875 PUG
1230-1300	NF 6145	PHT	250 kW	332 deg	FE RUS	Russian,	ex	7330
1230-1300	NF 7435	TIN	250 kW	332 deg	FE RUS	Russian,	ex	9695
1530-1600	NF11620	SMG	250 kW	115 deg	EAF	Amharic,	ex	11615
1530-1600	NF13830	SMG	250 kW	139 deg	CAS	Amharic,	ex	13765
1600-1620	NF 6185	SMG	250 kW	040 deg	CAS	Armenian,	ex	9640
1620-1640	NF 6185	SMG	250 kW	040 deg	EEU	Russian,	ex	9640
1700-1720	NF 6185	SMG	100 kW	026 deg	EEU	Belarussian,	ex	9640
1740-1800	NF 6185	SMG	100 kW	054 deg	EEU	Ukrainian,	ex	9640
1600-1615	NF13830	SMG	250 kW	150 deg	CAS	Swahili Sa,	ex	13765
1615-1630	NF13830	SMG	250 kW	130 deg	CAS	Somali Sa,	ex	13765
1600-1630	NF13830	SMG	250 kW	150 deg	EAF	Swahili Su-Fr,	ex	13765
1630-1700	NF13830	SMG	250 kW	150 deg	EAF	English,	ex	13765
1630-1700	NF 7230	SMG	100 kW	114 deg	NE/ME	Arabic,	ex	11935
1700-1715	NF 7230	SMG	100 kW	114 deg	NE/ME	French,	ex	9700
1715-1730	NF 7230	SMG	100 kW	114 deg	NE/ME	English,	ex	9700
1700-1730	NF 9705	SMG	250 kW	165 deg	ECAF	French,	ex	13765
1730-1800	NF 9705	SMG	250 kW	114 deg	NE/ME	Tigrinya,	ex	9660
1800-1830	NF 9705	SMG	250 kW	165 deg	SAF	Portuguese,	ex	9660
1940-2000	NF 6010	SMG	250 kW	185 deg	CAF	Rosary,	ex	7365
1940-2000	NF 7235	SMG	100 kW	114 deg	NE/ME	Rosary,	ex	9700
1940-2000	NF 7365	SMG	250 kW	206 deg	WAF	Rosary,	ex	9665
2000-2030	NF 6010	SMG	250 kW	185 deg	WCAF	English,	ex	7365
2000-2030	NF 7365	SMG	250 kW	206 deg	WAF	English,	ex	9660
2030-2100	NF 6010	SMG	250 kW	185 deg	WCAF	French,	ex	7365
2030-2100	NF 7365	SMG	250 kW	206 deg	WAF	French,	ex	9660
2100-2130	NF 7365	SMG	100 kW	234 deg	NWAF	Portuguese,	ex	9660
2200-2230	NF 6185	SMG	250 kW	060 deg	EAS	Chinese,	ex	6090 PUG
2200-2230	NF 9580	TIN	250 kW	329 deg	EAS	Chinese,	ex	9600
2315-2400	NF 9580	TIN	250 kW	280 deg	SEAS	Vietnamese,	ex	9600 PUG

(Ivo Ivanov-BUL, via dxld via wwdxc BC-DX TopNews Nov 12)

CLANDESTINE - Updated winter B-18 schedule of clandestine broadcasts, Nov. 30, 2018:

Al-Azm Radio

0000-2400 on 11745 JED or RIY / unknown to N/ME Arabic

Radio Republica

0200-0400 on 9490 F 150 kW / 285 deg to Cuba Spanish

Voice of Kashmir

0230-0330 on 6030 DEL 250 kW / 304 deg to SAs Kashmiri

Voice of Freedom

0300-0800 on 6045 HWA 010 kW / 010 deg to NEAs Korean

Radio Tamazuj

0330-0400 on 6020 MDC 250 kW / 327 deg to EAF Juba Arabic

0330-0400 on 7315 VAT 250 kW / 150 deg to EAF Juba Arabic

Denge Welat

0330-0600 on 9525 F 250 kW / 090 deg to WAs Kurdish

Radio Republica

0400-0500 on 9490 ISS 150 kW / 285 deg to Cuba Spanish Su/Mo

Eye Radio

0400-0500 on 11620 MDC 250 kW / 335 deg to EAF Juba Arabic/English* Mo-Fr

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Radio Dabanga

0430-0500 on 7315 F 250 kW / 134 deg to Eaf Juba Arabic
 0430-0500 on 9600 RSA 250 kW / 355 deg to Eaf Juba Arabic

Echo of Unification

0400-0600 on 3945 PYO 100 kW / non-dir to NEAs Korean
 0400-0600 on 3966vCNG 005 kW / non-dir to NEAs Korean
 0400-0600 on 6250 PYO 100 kW / non-dir to NEAs Korean

Dandal Kura Radio International

0500-0600 on 7315 N 125 kW / 185 deg to CAf Kanuri, inactive

Radio Ndrason International

0500-0700 on 5960 ASC 250 kW / 065 deg to Waf Kanuri

Voice of The People

0500-2300 on 3480 K-S 050 kW / non-dir to NEAs Korean
 0500-2300 on 3910 K-S 050 kW / non-dir to NEAs Korean
 0500-2300 on 3930 K-S 050 kW / non-dir to NEAs Korean
 0500-2300 on 4450 K-S 050 kW / non-dir to NEAs Korean
 0500-2300 on 6520 K-S 050 kW / non-dir to NEAs Korean
 0500-2300 on 6600 K-S 050 kW / non-dir to NEAs Korean

Dandal Kura Radio International

0600-0700 on 9620 NAU 125 kW / 185 deg to CAf Kanuri, inactive

Denge Welat

0600-1500 on 11530 KCH 300 kW / 130 deg to WeAs Kurdish

Echo of Hope

0700-0100 on 3985 HWA 100 kW / non-dir to NEAs Korean
 0700-0100 on 4885 SEO 100 kW / non-dir to NEAs Korean
 0700-0100 on 5995 HWA 100 kW / non-dir to NEAs Korean
 0700-0100 on 6250 SEO 010 kW / 010 deg to NEAs Korean
 0700-0100 on 6350 HWA 100 kW / non-dir to NEAs Korean
 0700-0100 on 9100 SEO 010 kW / 010 deg to NEAs Korean

Radio Ndrason International

0700-0800 on 13810 WOF 250 kW / 165 deg to Waf Kanuri

Voice of Kashmir

0730-0830 on 6100 DEL 250 kW / 304 deg to SAs Kashmiri

Voice of Freedom

0900-1500 on 6045 HWA 010 kW / 010 deg to NEAs Korean

Republic of Yemen Radio

0900-0700 on 11860 JED or RIY / unknown to N/ME Arabic

Voice of Tibet

1200-1230 on 11674 DB 100 kW / 095 deg to EAs Chinese

Radio Free North Korea

1200-1300 on 7610 TAC 100 kW / 076 deg to NEAs Korean

Radio ERGO

1200-1300 on 17845 DHA 250 kW / 225 deg to Eaf Somali

Voice of Tibet

1230-1235 on 11601 DB 100 kW / 131 deg to CAs Tibetan
 1235-1300 on 11605 DB 100 kW / 131 deg to CAs Tibetan

Echo of Unification

1200-1400 on 3945 PYO 100 kW / non-dir to NEAs Korean
 1200-1400 on 3966vCNG 005 kW / non-dir to NEAs Korean
 1200-1400 on 6250 PYO 100 kW / non-dir to NEAs Korean

Voice of Tibet

1300-1305 on 9896 DB 100 kW / 131 deg to CAs Tibetan
 1305-1330 on 9899 DB 100 kW / 131 deg to CAs Tibetan
 1300-1305 on 11651 DB 100 kW / 095 deg to EAs Chinese
 1305-1330 on 11646 DB 100 kW / 095 deg to EAs Chinese

JSR Shiokaze Sea Breeze

1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Chinese Mo
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Japanese Tue
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Korean Wed
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs English Thu
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Korean Fr
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Japanese Sa
 1300-1330 on 6085 YAM 300 kW / 280 deg to NEAs Korean Su

Nippon no Kaze

1300-1330 on 7295 TSH 300 kW / 352 deg to NEAs Korean
 1300-1330 on 9450 TSH 300 kW / 002 deg to NEAs Korean
 1300-1330 on 9705 TSH 100 kW / 002 deg to NEAs Korean
 1300-1330 on 9965 HBN 100 kW / 345 deg to NEAs Korean
 1500-1530 on 7290 TSH 300 kW / 352 deg to NEAs Korean
 1500-1530 on 9800 TSH 300 kW / 002 deg to NEAs Korean
 1500-1530 on 9975 HBN 100 kW / 345 deg to NEAs Korean
 1530-1600 on 7290 TSH 300 kW / 352 deg to NEAs Korean
 1530-1600 on 9800 TSH 300 kW / 002 deg to NEAs Korean
 1530-1600 on 9965 HBN 100 kW / 345 deg to NEAs Korean
 1630-1700 on 6155 TSH 300 kW / 352 deg to NEAs Korean

Voice of Tibet

1330-1400 on 9884 DB 100 kW / 131 deg to CAs Tibetan
 1330-1400 on 9899 DB 100 kW / 131 deg to CAs Tibetan

JSR Shiokaze Sea Breeze

1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Korean Mon
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Japanese Tue
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Korean Wed
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs English Thu
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Korean Fri
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Korean Sat
 1330-1400 on 6085 YAM 300 kW / 280 deg to NEAs Japanese Sun

Furusato no Kaze

1330-1400 on 7295 TSH 300 kW / 352 deg to NEAs Japanese
 1330-1400 on 9705 TSH 300 kW / 002 deg to NEAs Japanese
 1330-1400 on 9450 TSH 100 kW / 002 deg to NEAs Japanese
 1330-1400 on 9965 HBN 100 kW / 345 deg to NEAs Japanese
 1405-1435 on 7245 YAM 300 kW / 280 deg to NEAs Japanese
 1430-1500 on 7295 TSH 300 kW / 352 deg to NEAs Japanese
 1430-1500 on 9560 TSH 300 kW / 002 deg to NEAs Japanese
 1430-1500 on 9960 HBN 100 kW / 345 deg to NEAs Japanese
 1600-1630 on 6045 TSH 300 kW / 352 deg to NEAs Japanese
 1600-1630 on 9690 TSH 300 kW / 002 deg to NEAs Japanese
 1600-1630 on 9975 HBN 100 kW / 345 deg to NEAs Japanese
 1700-1730 on 6155 TSH 300 kW / 352 deg to NEAs Japanese

Voice of Wilderness

1330-1530 on 7625 TAC 100 kW / 070 deg to NEAs Korean

Voice of Kashmir

1430-1530 on 6030 DEL 250 kW / 304 deg to SAs Kashmiri

North Korea Reform Radio

1430-1530 on 7580 TAC 100 kW / 076 deg to NEAs Korean

Radio Tamazuj

1500-1530 on 11705 MDC 250 kW / 340 deg to Eaf Juba Arabic

1500-1530 on 15550 SMG 250 kW / 150 deg to Eaf Juba Arabic

Radio Warra Wangeelaa-ti

1500-1530 on 15515 SCB 100 kW / 195 deg to Eaf Oromo Sat

Denge Welat

1500-1600 on 11530 F 250 kW / 090 deg to WAs Kurdish

Eye Radio

1500-1600 on 15410 VAT 250 kW / 139 deg to Eaf Juba Arabic/English* Mo-Fr

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Living Water Ministry Broadcasting

1530-1630 on 5905 TWR 250 kW / 320 deg to NEAs Korean Tue-Thu

1530-1600 on 5905 TWR 250 kW / 320 deg to NEAs Korean Fr

Voice of Martyrs

1530-1600 on 7520 TAC 100 kW / 076 deg to NEAs Korean

Radio Dabanga

1530-1600 on 15350 RSA 250 kW / 005 deg to Eaf Juba Arabic

1530-1600 on 15550 F 250 kW / 134 deg to Eaf Juba Arabic

JSR Shiokaze Sea Breeze

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Chinese Mo

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Japanese Tue

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Korean Wed

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs English Thu

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Korean Fr

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Japanese Sa

1600-1630 on 6095 YAM 300 kW / 280 deg to NEAs Korean Su

Eye Radio

1600-1800 on 15410 F 250 kW / 139 deg to Eaf Juba Arabic/English* Mo-Fr

*including other languages Dinka/Nuer/Shilluk/Bari/Zande/Lutoho

Voice of Freedom

1600-2000 on 6045 HWA 010 kW / 010 deg to NEAs Korean

Denge Welat

1600-2000 on 9525 F 250 kW / 090 deg to WAs Kurdish

Radio Xoriyo Ogaden

1600-1630 on 11970 F 500 kW / 130 deg to Eaf Somali Tue/Sa

1600-1630 on 17770 F 500 kW / 130 deg to Eaf Somali Mo/Fr

Radio Voice of Independent Oromiya

1600-1630 on 17850 F 250 kW / 130 deg to Eaf Oromo Su, inactive

JSR Shiokaze Sea Breeze

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Korean Mo

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Japanese Tue

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Korean Wed

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs English Thu

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Korean Fr

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Korean Sa

1630-1700 on 6095 YAM 300 kW / 280 deg to NEAs Japanese Su

Dimtse Radio Erena

1700-1730 on 9720 SCB 050 kW / 195 deg to Eaf Tigrinya Mo-Fr

1730-1800 on 9720 SCB 050 kW / 195 deg to EAf Arabic Mo-Fr

Voice of Oromo Liberation

1700-1730 on 9610 N 100 kW / 144 deg to EAf Afan Oromo Wed/Fr/Su

1730-1800 on 9610 N 100 kW / 144 deg to EAf Amharic Wed or Afan Oromo

Dimtse Radio Erena

1700-1800 on 9720 SCB 050 kW / 195 deg to EAf Tigrinya Sa

1700-1800 on 9720 SCB 050 kW / 195 deg to EAf Arabic Su

Voice of Amara Radio

1700-1800 on 15360 F 250 kW / 120 deg to EAf Amharic Mo/Wed/Sa

Radio Ranginkaman/Radio Rainbow

1730-1800 on 7560 KCH 300 kW / 116 deg to WAs Farsi Daily

Dandal Kura Radio International

1800-1900 on 9770 F 100 kW / 167 deg to CAf Kanuri, inactive

Radio Nigeria Hausa Sce/Radio Na Gaskiya/Radio of Truth

1800-1900 on 15110 SCB 050 kW / 195 deg to WAF Hausa

Radio Ndrason International

1800-2100 on 12050 ASC 250 kW / 065 deg to WAF Kanuri

Radio Itahuka

1800-1900 on 15420 MDC 250 kW / 315 deg to SAF Kinyarwanda Sa

Lutheran World Federation, Voice of Gospel (Sawtu Linjilia)

1830-1858 on 9800 F 500 kW / 170 deg to WCAf Fulfulde Mo/Tue, ex Daily

Dandal Kura Radio International

1900-2000 on 7455 F 100 kW / 167 deg to CAf Kanuri, inactive

Denge Welat

2000-2200 on 9525 KCH 300 kW / 116 deg to WAs Kurdish

North Korea Reform Radio

2030-2130 on 7495 TAC 100 kW / 076 deg to NEAs Korean

Voice of Freedom

2100-0200 on 6045 HWA 010 kW / 010 deg to NEAs Korean

Suab Xaa Moo Zoo Voice of Hope

2230-2300 on 7530 TSH 100 kW / 250 deg to SEAs Hmong

Echo of Unification

2200-2400 on 3945 PY0 100 kW / non-dir to NEAs Korean

2200-2400 on 3966vCNG 005 kW / non-dir to NEAs Korean

2200-2400 on 6250 PY0 100 kW / non-dir to NEAs Korean

Voice of Tibet

2300-2330 on 7496 DB 100 kW / 131 deg to CAs Tibetan

2330-2400 on 7484 DB 100 kW / 131 deg to CAs Tibetan

(DX MIX NEWS # 1100 December 1, 2018)

Editor's info desk was closed for this edition on December 7th, 2018, at 16:00 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.

Alokesh Gupta - New Delhi - India.

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

CONEXION - CONEXION Digital - Buenos Aires - Argentina.

DXLD (gh) - Glenn Hauser's DX LISTENING DIGEST - USA.

Prof. Dr. Hans-Jörg Biener (hjb) - Nuremberg, Germany.

DX MIX NEWS = DX RE MIX NEWS - from Georgi Bancov & Ivo Ivanov, Bulgaria.

Others as stated in contribution.

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Abbreviations:

with name of station:

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

Location of transmitters with frequency:

Al = Aligarh/India, ALB = Albania, Ban = Bangalore, Be = Beijing /China, Bib = Biblis /DL, BOT = Botswana, CHN = China, CLN-TRM = Sri Lanka Trincomalee, Du = Dushanbe /TJK, ERV = 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), 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, OE = Moosbrunn /OE, OM = Oman, Pan = Panaji /India, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, SZG = Shijazhuang /CHN, TH = (NAK) Nakhon Sawan /Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya / United Arab Emirates, Ur = Urumchi /CHN, Wof = Woofferton /GB, Xi = Xian /CHN, Ya = Yamata/Japan, YAK = Yakul, Afghanistan.

Mostly within round brackets target areas as known:

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

Languages:

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

Technical hint with frequency (QRG):

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

Editor:

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Email: <we@wwdxc.de> or <we@kwrs.de>

Used equipment:

Receiver: Communications receiver ICOM IC-R70 (no modification)

Antenna: Hamtronic HT504 selective active antenna, in roof window ca. 15 m above ground

Location: Herzogenaurach / Germany; 49.567/10.917; 310 m NN



DX LOGBOOK

Logs around the clock

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

MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
936.0	1810	222	G	Class. Prem. Gold, Bath	English	First Aid	1211	MF
945.0	1740	222	G	Classic Premier,Oxford	English	Evening Hitlist	2611	MF
954.0	1715	433	G	Classic Premier,Bath	English	Bath Festival	2710	MF
954.0	1910	544	TUR	TRT	Turkish	Weather,Music	1011	MF
972.0	1820	222	G	Gold Premier,Salisbury	English	Theatre Meeting	1211	MF
981.0	1725	222	ALG	Radio Algiers	Arabic	Folk from Arabia	2710	MF
990.0	1825	222	G	Gold Premier, Dover	English	Canada	1811	MF
999.0	1735	222	G	Classic premier,Bath	English	English Lessons	1111	MF
1008.0	1950	433	G	Jesus Gold Luton	English	Jesus	1011	MF
1017.0	1830	222	G	Premier,Luton	English	Stamps	1211	MF
1026.0	1815	222	G	Class. Premier, Luton	English	Gaza attack	2611	MF
1026.0	1850	222	ALG	Radio Algier	Arabic	ID, Music	1811	MF
1035.0	0330	322	G	BBC Radio Sheffield	English	Kelly family	1911	MF
1044.0	1840	222	G	Jesus Prem., Birmingham	English	Jesus build us a home	1011	MF
1062.0	1920	222	G	Moses Gold Prem., Luton	English	BBC WS out of service	1711	MF
1080.0	1940	222	G	Gold Prem. Birmingham	English	Press in mirror	0811	MF
1098.0	1750	222	G	Classic Prem. Birmingham	English	Computer CD's	2611	MF
1107.0	1725	222	G	Classic Gold Washford	English	Money & Brexit	1111	MF
1116.0	1800	222	G	Premier,Southend	English	Classic Gold by radio	2311	MF
1125.0	1940	322	G	Classic Premier,Southend	English	New airport	1911	MF
1152.0	2020	222	G	Premier Gold,Pickford	English	Handicap people	1011	MF
1170.0	1940	222	G	Prem. Gold,Tottenham	English	Football Lotto	0611	MF
1179.0	1830	222	G	Classic Premier,Tottenham	English	Golden Sports Results	2611	MF
1188.0	1850	222	HNG	Magyar Radio One	Hungarian	ID, Music from Balaton	1011	MF
1197.0	0405	222	G	Classic Premier,Ipswich	English	ID,Advts.	1911	MF
1224.0	1940	222	G	Classic Premier,Norwich	English	Program	1610	MF
1233.0	1720	433	G	Premier,Dashford	English	EU Parliament	1111	MF
1242.0	2120	222	G	Gold Premier,Raleigh	English	Bike Race	2311	MF
1260.0	1835	222	G	Premier Jesus, Oxford	English	Oxford Univ. is expensive	2611	MF
1278.0	1955	222	G	Gold Premier,Brighton	English	Cambridge First	0611	MF
1287.0	2005	222	G	Prem. Gold,Portsmouth	English	Longwave from England	0611	MF
1296.0	1945	222	G	Classic Prem.,Portsmouth	English	Casting	1811	MF
1305.0	1800	222	G	Classic Gold,Stonehenge	English	Theatre	2611	MF
1314.0	0425	222	G	Jesus Premier,Plymouth	English	Godfather	1911	MF
1323.0	1825	222	G	Class. Prem.,Lincolnshire	English	Sports	2611	MF
1332.0	1905	222	G	Jesus Premier,Stonehenge	English	Jesus is our God	1811	MF
1359.0	1825	333	G	Prem. Gold,Lincolnshire	English	Lincolnshire on line	2611	MF
1368.0	0430	222	G	Moses Prem.,Lincolnshire	English	Moses in everything	1911	MF
1377.0	1915	222	G	Moses Prem.,Birmingham	English	Peace in Jesrusalem	1811	MF
1404.0	1830	444	GRC	ERA	Greek	Folk Music	1011	MF
1404.0	2055	222	G	Classic Gold, Brsitol	English	Crime rate	2311	MF
1413.0	2150	323	G	Premier,Southampton	English	Our Children	2311	MF
1422.0	1810	222	G	Classic Prem. Soho	English	US warship	2611	MF
1431.0	2030	433	G	Classic Prem, Newcastle	English	Casting	0611	MF

1449.0	2130	322	G	Classic Premier,Bristol	English	Jesus or religion	2311	MF
1485.0	0500	222	G	Israel Premier,Bristol	English	Gaza Air strike	2411	MF
1494.0	0455	322	G	Classic Premier,Bristol	English	Mose Law	2411	MF
1530.0	1855	222	ROU	Radio Romania	Romanian	Sports	1011	MF
1548.0	1900	432	G	Jerusalem Prem. Aberdeen	English	Israel	1011	MF

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	2000	444	G	KBS-WR via Woofferton	German	NX; ID; Tagesthema	1611	SG
3955.0	2100	454	G	KBS-WR via Woofferton	French	NX; ID; rpts	1611	SG
3975.0	2110	343	D	Shortwaveradio Winsen	English	Rockpop, ID, pop	1611	SG
3975.0	1215	343	D	Shortwaveradio Winsen	English	ID, DX program	2111	SG
3985.0	2030	443	D	Radio Tirana via Kall	German	IS, ID, NX, HBF	1611	SG
3985.0	2100	343	D	Schweizer Radio via Kall	German	ID, NX, Der Tag	1611	SG
3995.0	0725	353	D	LuthStunde via HCJB	German	ID, Bibel, Lied, adr	0112	SG
3995.0	0730	353	D	HCJB Weenermoor	German	ID, DX, fmk, RTI-DXT	0112	SG
4840.0	0430	342	USA	WWCR	English	ID, Wavescan	0212	SG
5040.0	0445	343	CUB	RHC	Spanish	ID, rpt economicas	0212	SG
5840.0	0800	454	DNK	WMR	English	ID, Poprock, Jingles	2511	SG
5875.0	0545	343	G	BBC-Relay	English	ID, rpts G 20	0212	SG
5875.0	0600	444	ASC	BBC-Relay	French	ID, rpts G 20	0212	SG
5900.0	1900	454	BUL	RTI via Kostinbrod	German	ID, NX, HBF	1611	SG
5920.0	1220	454	D	HCJB Weenermoor	German	ID, SW-Radio, Daniel	2111	SG
5935.0	1800	554	ROU	RRI	English	IS, ID, NX, press, MX	2911	SG
5945.0	1830	454	TUR	TRT	German	IS, ID, NX, rpt, HBF	2511	SG
5960.0	2300	554	TUR	TRT	English	IS, ID, NX, music	0312	SG
5970.0	1600	554	ALB	CRI-Relay Cerrik	German	IS, ID, NX // 7380	2911	SG
5985.0	0515	454	ALB	CRI-Relay Cerrik	Arabic	ann, ID, rpts	0212	SG
6005.0	0500	444	ASC	BBC-Relay	English	ID, NX, rpts, sports	3011	SG
6005.0	0840	453	D	RAE via Kall	German	ID, Sport, MX, ID	0412	SG
6005.0	0900	242	D	R Belarus via Kall	German	ID, NX, adr, rpts	3011	SG
6005.0	1030	333	D	R Belarus via Kall	German	ann; ID, adr, rpt	2711	SG
6005.0	1100	342	D	RSI via Kall	German	ID, ann, rpts	2711	SG
6005.0	1127	444	D	Nordschleswiger via Kall	German	ID, ann, NX	2711	SG
6005.0	1130	444	D	IBC via Kall	English	ID, pop, ID, DX	0212	SG
6005.0	1130	454	D	Schweizer Radio via Kall	German	ID, rpts Europa	2711	SG
6025.0	1720	443	IRN	IRIB	German	IS, ID, Koran, NX, HBF	0212	SG
6070.0	0900	454	D	RNI via Channel 292	German	E, Holl, RNI-Tophits	0212	SG
6070.0	1000	454	AUT	Radio DARC via ORS	German	ID, ann, Funkinfo	0212	SG
6070.0	1100	454	D	RNI via Channel 292	German	ID, Goldrausch, Pop	0212	SG
6080.0	0520	444	STP	VOA-Relay	English	ID, rpt G20	0212	SG
6095.0	1500	444	CHN	CRI	English	ID, NX, rpts // 9435	0512	SG
6145.0	0530	554	ROU	R Romania Actualidad	Romanian	ID, WX, pop	0212	SG
6155.0	0500	443	AUT	NHK-World Radio Japan	English	ID, NX, rpts	0212	SG
6160.0	0848	443	D	Shortwaveradio Winsen	English	Rockpop, IDs, ann	0512	SG
6160.0	1800	554	CHN	CRI	German	IS, ID, NX, CRI-PaW	0212	SG
6180.0	1200	454	D	DWD-Pinneberg	German	ID, Seewetter; Wind	2111	SG
6180.0	1900	554	ROU	RRI	German	IS, ID, NX, rpts	2911	SG
7220.0	2300	554	ROU	RRI	English	IS, ID, NX, Sports	0412	SG
7235.0	1550	343	CHN	CRI	Chinese	rpt,ann, MX	0512	SG
7235.0	1600	343	CHN	CRI	English	ID, ann, NX, rpts	0512	SG
7245.0	1710	232	TJK	Voice of Tajik	English	Israel & Ben Gurion	2810	MF
7255.0	1600	554	CHN	CRI	English	ID, ann, NX, theater	0512	SG
7280.0	1830	433	VTN	Stimme Vietnams	German	ID; ann; NX // 9730	2911	SG
7315.0	0000	433	USA	VOV via WRMI	English	ID, NX, WX, rpt	0212	SG
7325.0	2340	554	ROU	RRI	English	ID, DX mailbag	0112	SG

7330.0	1100	554	AUT	Radio Joystick	German	Rockpop, ID, pop	0212	SG
7330.0	1500	554	ROU	RRI	German	IS, ID, NX, FBK // 6040	0212	SG
7345.0	0615	443	ASC	BBC-Relay	English	ID, rpts G20	0212	SG
7345.0	0628	554	ROU	RRI	English	IS, ID, NX, sports	0212	SG
7345.0	0658	554	ROU	RRI	German	IS, ID, NX, EM 2020	0212	SG
7350.0	2210	554	CHN	CRI	French	ID, rpts, pop	0112	SG
7350.0	2300	554	CHN	CRI	English	ID, NX, rpts G20	0112	SG
7355.0	0450	343	USA	Radio Marti	Spanish	ID, ann, rpts, MX	0212	SG
7360.0	0600	554	ROU	RRI	French	IS, ID, NX, adr, Pop	3011	SG
7360.0	2020	444	IRN	IRIB	Spanish	IS, ID, Koran, NX, rpts	2911	SG
7365.0	2000	454	CVA	Vatican Radio	English	IS, ID, NX, social rpts	2911	SG
7365.0	2028	322	CVA	Vatican Radio	French	IS, ID, NX, rpts	2911	SG
7380.0	1600	454	ALB	CRI-Relay Cerrick	German	IS, ID, NX // 5970	2911	SG
7390.0	0555	444	F	RFI	French	ID, rpts economique	0212	SG
7395.0	1800	554	CHN	CRI	German	IS, ID, NX, CRI-PaW	0212	SG
7415.0	2000	444	CHN	CRI	English	IS, ID, NX, rpts	2811	SG
7420.0	1630	444	CHN	CRI	English	ID, rpt happyness	0212	SG
7425.0	1720	454	IRN	IRIB	German	IS, ID, Koran, NX, HBF	0212	SG
7445.0	1610	343	MDG	BBC-Relay	English	ID, rpts Zimbawe	0512	SG
7445.0	2320	343	OMA	BBC-Relay	English	rpt, ID, top stories	0112	SG
7505.0	0355	221	USA	WRNO	English	Boat refugees & God	0511	MF
7510.0	1340	222	GUM	TWR	English	Missionaries for C. Asia	1011	MF
7780.0	2050	333	USA	WRMI Okeechobee	English	E/S, song Feliz navidad, ID	0112	SG
7780.0	2100	342	USA	RAE via WRMI	German	IS, ID, NX, ID, rpt, MX	0112	SG
7780.0	2155	343	USA	WRMI Okeechobee	English	ID, MX, ID, HP, Pop	0112	SG
7780.0	2200	444	USA	WRMI Okeechobee	English	ID, RMI playing music	0112	SG
9420.0	1945	454	GRC	ERT Athena	Greece	MX, ID, ann, sports	3011	SG
9435.0	1630	454	CHN	CRI	English	ID, rpt happyness	0212	SG
9445.0	2130	444	IND	AIR-GOS	English	rpt museum; ID; MX	0112	SG
9515.0	1500	343	KOR	KBS-World Radio	English	ID, ann, MX, rpt	0512	SG
9525.0	1500	554	CHN	CRI	English	ID, NX, rpts // 9435	0512	SG
9540.0	1800	442	EGY	Radio Kairo	Italian	ID, ann, MX, turismo	0212	SG
9615.0	1820	443	CHN	CRI	German	IS, ID, NX, CRI-PaW	0212	SG
9640.0	2100	554	CHN	CRI	Spanish	IS, ID, NX, rpts	0112	SG
9690.0	1525	343	E	REE	Spanish	ID, futbol live // 12030	0212	SG
9690.0	0750	322	NIG	Voice of Nigeria	English	Bloody Saturday last wk.	3110	MF
9730.0	1830	343	VTN	Stimme Vietnams	German	ID; NX; rpts // 7280	2911	SG
9730.0	1900	444	CHN	CRI	Portuguese	IS, ID, NX, rpts	2811	SG
9740.0	1445	343	AUS	Reach Beyond	English	ID, creating energy	0512	SG
9770.0	1600	444	BUL	AWR	English	ID, Wavescan	0212	SG
9860.0	2230	454	CHN	CRI	Esperanto	ID, MX, Sprachk	0112	SG
9875.0	1630	454	CHN	CRI	English	ID, rpt happyness	0212	SG
9880.0	1330	554	ROU	RRI	Romanian	ID, rpts, pop	1611	SG
11530.0	0930	443	MDA	Radyo Denge Welat	Kurdish	ID, economy	0412	SG
11625.0	1645	242	MDG	Vatican Radio	English	ID, news-rpts	0212	SG
11675.0	1530	333	PLW	WHRI	English	Jesus is Asia's hope	2810	MF
11680.0	0700	222	ZMB	Voice of Hope	English	Holy God for Africa	3110	MF
11735.0	1520	222	TZA	Radio Tanzania	English	War crimes & Tanzania	3110	MF
11825.0	1200	554	ROU	RRI	English	IS, ID, NX, rpt // 15460	0212	SG
11865.0	1113	343	AUS	Reach Beyond	Burmese	IS, ID, MX, relPX	3011	SG
11875.0	1330	444	AUS	Reach Beyond	Vernacular	relPX, MX, ID	0212	SG
11935.0	0945	554	ARS	Radio Saudi	Arabic	Koran-MX, ID // 17615	0412	SG
11945.0	1200	453	AUS	Reach Beyond	Burmese	IS, ID, MX, relPX	3011	SG
11945.0	1230	454	AUS	Reach Beyond	English	IS, ID, relPX	3011	SG
11945.0	1257	554	ROU	RRI	Arabic	IS, ID, ann, NX, rpts	3011	SG
11945.0	1330	453	CLN	AWR	Vernacular	IS, ID, relPX	0212	SG
11980.0	1300	443	STP	DW-Relay	Hausa	ID, NX, rpts	1611	SG
12005.0	0940	343	D	Radio Farda via Biblis	Persian	pop, ID, phone	3011	SG
12005.0	1900	222	ASC	Follow the Bible	English	South Africa is holy	3110	MF
12020.0	1010	222	VTN	Voice of Vietnam	English	Agro products	3110	MF

12025.0	1345	444	AUS	KFBS via Reach Beyond	Punjabi	ID, rel. Px, ID in E	3011	SG
12030.0	1510	554	E	REE	Spanish	ID, futbol live // 9690	0212	SG
12030.0	1910	222	UAE	Follow the Bible	English	Israel is Holy	3110	MF
12035.0	1330	554	TUR	TRT	English	ID, NX, rpts, history	3011	SG
12085.0	0928	242	MNG	VoMongolia	Mongolian	ID, NX, rpts	3011	SG
12120.0	1330	343	PHL	FEBC via Bocau	Burmese	TS, ID, MX	3011	SG
13580.0	1750	222	BGD	Radio Bangladesh	English	Refugee money for China	3110	MF
13685.0	1410	454	TUR	TRT	Uyghur	ID; ann; rpts	3011	SG
13775.0	1158	343	ARS	Saudi Radio International	Urdu	IS, NA, ID, Koran, rpt	3011	SG
15105.0	1230	322	BGD	Radio Bangladesh	English	Pak Govt & ME	3110	MF
15120.0	1520	322	NIG	Voice of Nigeria	English	Africa & Germany	2810	MF
15140.0	1410	433	OMA	Radio Oman	English	Electric Chairs in Asia	2810	MF
15160.0	1400	322	KWT	VOA-Relay	Tibetan	ID, ann, rpts	1511	SG
15190.0	1735	221	PHL	Radio Philipinas	English	Coast Gaurd & Refugees	2810	MF
15200.0	0720	444	IRN	IRIB	Spanish	IS, ID, Koran, NX, rpts	3011	SG
15210.0	0900	454	CHN	CRI	English	ID, NX, rpts	0312	SG
15270.0	1230	444	TUR	TRT	German	IS, ID, NX, tPS, HBF	1511	SG
15275.0	1000	444	MDG	DW-Relay	Swahili	ID, ann, rpts	3011	SG
15380.0	1200	554	ARS	SBC Riyadh	Arabic	ID, ann, Koran	3011	SG
15430.0	1300	343	CLN	AWR via Trincomalee	Nepali	IS, ID, relPX	1511	SG
15460.0	1200	554	ROU	RRI	English	IS, ID, NX, rpt // 11825	0212	SG
15490.0	1120	454	ARS	Mushad FM, SBC Riyadh	Arabic	ann, ID, MX // 17805	3011	SG
15530.0	0600	454	KWT	Radio Kuwait	English	TS, ID, TA, NX, press	1911	SG
15530.0	0710	222	KWT	Radio Kuwait	English	POEC Oil	3110	MF
15575.0	1115	242	AUS	Reach Beyond	English	ID, ann, relPX	3011	SG
15575.0	1315	333	KOR	KBS World Radio	English	Korean cars for N. Am.	3110	MF
15580.0	1530	454	BOT	VOA-Relay	English	ID, African MX	0212	SG
15620.0	1330	343	CVA	VOA-Relay	Somali	ID, rpts	1511	SG
17490.0	0945	454	CHN	CRI	English	ID, rpt, lesson	0412	SG
17615.0	0600	454	CHN	CRI	German	IS, ID, NX, Panorama	1911	SG
17615.0	0945	454	ARS	Radio Saudi	Arabic	Koran-MX, ID // 11935	0412	SG
17630.0	1000	444	THA	RTWS	Thai	ID, ann, rpts, folkmx	0312	SG
17640.0	1800	222	MDG	World Voice	English	Good time for US Rlg. Px	3110	MF
17690.0	1000	443	CHN	CRI	English	ID, NX, rpts	0412	SG
17710.0	1000	232	AFS	DW-Relay	Swahili	ID, ann, rpts	3011	SG
17720.0	0615	454	CHN	CRI	German	ID, Magnetschwebebahn	1911	SG
17805.0	1120	454	ARS	Mushad FM, SBC Riyadh	Arabic	ann, ID, MX // 15490	3011	SG
17820.0	0340	322	PHL	Radio Philipinas	English	China's yellow sea	1111	MF
21480.0	1240	322	MDG	Eternal Good News	English	Jesus is King	0411	MF
21480.0	1100	222	MDG	Bible Voice	English	David & Goliath story	1011	MF

Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA, during French Creek State Park DXpedition No. 56 (November 18 to 20, 2018):

- 3240.0 SWAZILAND (Eswatini), Trans World Radio – Mpangelo Ranch, 0309-0346* Nov 19, a long talk by a man announcer in the listed Nda language. Station ID and closedown announcement at 0345 followed by IS and carrier cut. Fair at tune in but deteriorating rapidly.
- 3320.0 SOUTH AFRICA, Radio Sonder Grense - Meyerton, 0312-0355 Nov 20, Afrikaans language program with popular music selections hosted by a woman announcer. Good signal.
- 3345.0 SOUTH AFRICA, Channel Africa- Meyerton, 0308-0347 Nov 20, English Service with various features including a conversation between a man and woman about local events in South Africa. Almost gone by tune out. Poor to fair.
- 3955.0 ENGLAND, KBS World – Woofferton, 2146-2201* Nov 19, French language program with talks and some music interludes. Closedown announcements and instrumental music to close. Fair to good reception.
- 4747.4 PERÚ, Radio Huanta 2000 – Huanta, 0002-0023 Nov 19, nice program of OA vocals but poor to fair signal suffered from a lot of CODAR ARM.

- 4750.0 CHINA, China National Radio 1 - Hailar (Nei Menggu), 1111-1152 Nov 20, man announcer with talk in presumed Mandarin language although much too weak to be sure. Later, a female began speaking. Group vocals at 1145.
- 4775.0 PERÚ, Radio Tarma - Tarma, 0207-0406 Nov 20, man announcer with Spanish language talk and station IDs with plenty of OA music. Series of announcements at 0226. Kept waiting for them to closedown periodically circling back to them but they kept on playing OA music which was fine by me. Poor to fair with some CODAR QRM.
- 4900.0 CHINA, Voice of the Strait - Fuzhou, 1135-1153 Nov 19, man announcer talking in the Chinese language. Seemed //4940 which was much poorer. This was poor overall. Next day (Nov 20) signal was much improved (34443) with slight CODAR QRM but definitely //4940 which was also improved (35443) with Chinese language talks by man and woman announcers.
- 4949.75 ANGOLA, Rádio Nacional de Angola - Mulenvos, 0210-0316 Nov 19, a nice program of local vocals and instrumentals hosted by a woman announcer with Portuguese language announcements. The woman announcer spoke briefly at 0256 followed by instrumental music. Time pips and the station ID by the woman was followed by the woman and a man announcer with the news. Poor signal.
- 5875.0 THAILAND, Radio Thailand - Udorn, 1109-1122 Nov 20, vocal by a female singer followed by a man with closedown in the Vietnamese language. After brief interlude of bells a man mentions: "That completes our program in Vietnamese." There was another round of bells prior to an English language announcement: "This is HSK9, Radio Thailand World Service broadcasting from the Public Relations Department in Bangkok." A man announcer began the Malay language program. Fair signal.
- 5900.0 BULGARIA, Overcomer Ministry (Brother Stair) - Kostinbrod (Sofia), 2317-2335 Nov 18, Brother Stair inviting phone calls from listeners, talking about shortwave alternating with a man announcer discussing atomic blasts and destruction being planned, etc. Poor to fair but steadily improving.
- 5915.0 ZAMBIA, Zambia National Broadcasting Corporation (Radio One) – Lusaka, *0246-0314 Nov 20, familiar fish-eagle IS until commencement of choral national anthem, A man announcer opened program in a local language. Tribal singing until news at 0258. After news returned to music programming. Poor.
- 5952.4 BOLIVIA, Emisora Pio XII – Siglo Veinte, 0204-0232* Nov 20, lively program of local vocal selections. A man announcer with occasional Spanish talk. Series of announcements just prior to closedown routine by man announcer accompanied by familiar Colonel Bogey March. Fair signal.
- 5960.0 CLANDESTINE, Ndrason International – Ascension Islands, *0500-0532 Nov 19, woman announcer with Kanuri language opening station ID and announcements. Mix of music and talks with plenty of station IDs. Very good signal.
- 5980.0 FRANCE, KBS World - Issoudun, 2023-2100* Nov 18, French language program with a man and woman announcing team hosting a program of popular music many of which were sung in English. At 2058 program closed followed by station ID and closedown announcements. Fair.
- 6040.0 IRAN, Voice of Islamic Republic of Iran – Sirjan, 2012-2020 Nov 19, English program with discussion about woman's rights in Iran and then a talk about John Bolton. Fair.
- 6090.0 ETHIOPIA, Amhara State Radio - Addis Ababa, 2025-2101* Nov 19, man announcer hosting Horn of Africa vocals program. Closedown announcements and station ID at 2058 followed by choral national anthem. Fair.
- 6110.0 ETHIOPIA, Radio Fana - Addis Ababa, 0436-0451 Nov 19, another terrific program of Horn of Africa vocals hosted by a man announcer with Amharic language talks. Fair to good.
- 6135.2 BRAZIL, Rádio Aparecida - Aparecida, 0105-0133 Nov 20, soft vocal selection followed by a man and woman talking to another man at a remote location in the Portuguese language. Several station IDs at 0125 along with other announcements. Good signal.
- 7120.0 SOMALIA, Radio Hargeisa, 0404-0436 Nov 19, Rich Cuff spotted this with a man announcer with news in the Somali language. Mix of Horn of Africa music and talks Poor to fair. Next night (Nov 20) noted just after opening at 0332 with a man announcer doing the news in Somali language with a decent signal.
- 7120.0 SRI LANKA, Sri Lanka Broadcasting Corporation – Trincomalee, 1139-1200* Nov 19, flute music until time pips at 1145 when switched into Hindi service program with apparent news until prayer just before close. Poor to fair. Next afternoon, 1906-2000* Nov 18 with program of Somali language talks and some rustic music. Poor.
- 7140.0 ERITREA, Voice of the Broad Masses of Eritrea 1 – Asmara, 0337-0406 Nov 20, finally enough audio with a man announcer speaking in the listed Tigrinya language. Brief musical selection but programming was mainly conversations between several people. Weak but in the clear.
- 7180.0 ERITREA, Voice of the Broad Masses of Eritrea 2 (Dimtsi Hafash) – Asmara, 0330-0407 Nov 20, finally clear of amateur QRM noted with man announcer speaking in listed Amharic language. At 0335 some flute music before another man began speaking. Whistling and HoA vocals commenced at 0337. Poor amid amateur QRM.
- 7235.0 FRANCE, Radio Nigeria Kaduna - Issoudun, 2236-2300* Nov 18, Hausa language program with man announcer alternating with vocal music program. Closed with station ID and orchestra National Anthem. Fair with some amateur radio QRM.
- 7235.0 UNITED ARAB EMIRATES, Trans World Radio - Dhabayya, 0344-0345* Nov 19, light instrumental music just prior to carrier being terminated. Fair.
- 7445.0 OMAN, BBC World Service - Al Seela, 2351-0000* Nov 18, Heart and Soul program until 2359 when station ID and several promotional announcements were heard prior to closedown. Fair signal.
- 9525.0 CLANDESTINE, Dengê Welat – Issoudun, 2131-2200* Nov 18, non-stop Kurdish language talks by a man announcer until group singing at 2156 prior to carrier being terminated at top of the hour. Fair but steadily improving signal. Again at 0348 with man announcer with Kurdish language talks. Good signal.
- 9530.0 ASCENSION ISLANDS, Akhbar Mufriha, 2202-2215* Nov 18, woman and man announcers alternating talk in listed Pukar language. A man gave station ID at 2206 before instrumental music. Closing program announcements at 2214 followed by instrumental music prior to carrier being terminated. Fair to good.
- 9540.0 SRI LANKA, Adventist World Radio – Trincomalee, 2131-2200* Nov 19, Mandarin language religious program with very long talks

- by a man announcer with only one vocal selection noted. Fair.
- 9664.8 BRAZIL, Rádio Voz Missionaria – Camboriú, 0126–0200 Nov 20, nice vocal selection by a male singer followed by a series of vocal selections. Man announcer with station ID at 0158 followed by several announcements. Good signal.
- 9690.0 NIGERIA, Voice of Nigeria – Ikorodu, *1800-1832 Nov 19, opening of English service with news and program called 60 Minutes. A lot of discussion about upcoming democratic elections. Fair to good signal. Re-tuned at 1900 but Spain opened on the channel blocking Nigeria.
- 9805.0 KOREA (South) , KBS World Radio - Kimjae, 2204-2234 Nov 19, man announcer with news bulletin in the Indonesian language. Feature segments after the news at 2208 UTC after a station identification. An English language station ID at 2218 as "KBS World Radio". Fair.
- 9940.0 THAILAND, Radio Thailand - Udom, *1228-1300* Nov 19, open carrier until bells opening English news with national news followed by Bangkok Airways commercial and then global news. Fair to good signal but deteriorating by closedown.
- 9965.0 PALAU, T8WH – Medom (World Harvest Radio), 1243-1306 Nov 20, thanks to a tip from Rich Cuff caught some religious vocals until 1259 when a man announcer gave station ID: "This is T8WH, Palau. This is World Harvest Radio send reception reports to P. O. Box 1, South Bend..." Poor to fair.
- 11630.0 KUWAIT, Radio Kuwait – Sulaibiyah, 1520-1601* Nov 19, Arabic language program with talks, music and recitation prior to closedown. Good signal.
- 12035.0 TURKEY, Voice of Turkey - Emirler, 1330-1424 Nov 19, English program with news, Review of the Turkish Press, Turkish music and various features (Turkey My Home, Turkey in a Nutshell, Question of the Month, etc.). Closed with multi-lingo station IDs. Good signal.
- 13745.0 THAILAND, Radio Thailand - Udom, *0000-0043 Nov 19, opening of the English news program hosted by a man and woman announcing team with numerous public service announcements and usual array of commercial ads. Although briefly lost signal around 0029 as antenna pattern changed, reception continued afterwards. Poor to fair.
- 15410.0 CLANDESTINE (South Sudan), Eye Radio – Santa Maria do Galeria, *1500-1546 Nov 19, man announcer with English language opening station ID and announcements quickly followed by Arabic. Arabic news followed by English news with many items focused on South Sudan. Poor to fair.
- 17690.0 FRANCE, Radio Nigeria Kaduna - Issoudun, 1307-1322 Nov 20, tuned in to hear a man announcer speaking in the Hausa language. Weak signal but in the clear.

Here are the loggings from Rudolf Grimm, San Bernadino, Brazil:

- 234.0 LUXEMBOURG: RTL, Beidweiler, FF, 04/12 0130. OM: talk, romantic pop song. 25542.
- 252.0 ALGERIE: Alger Chaîne 3, Tipaza, FF, 04/12 0140. OM/YL talk in French language. 25552.
- 530.0 ARGENTINA: Somos Radio, Buenos Aires, SS, 15/11 0157. An Argentinian song by male voice. YL: Time checking. Advertisements, id YL "Somos Radio". 35553
- 540.0 BRAZIL: Radio Wolf, Sumaré SP, PP, 29/11 1540. Id: 'Radio Wolf 540... sucessos na Hora do Lobo'. Brazilian song. 35553.
- 540.0 BRAZIL: Radio Mirador, Rio do Sul SC, PP, 15/11 0740. Brazilian song. Id: "Radio Mirador, ao lado da comunidade, sempre, vem pra cá você também". Advs. Alto Vale do Itajaí. 35553
- 610.0 BRAZIL: Radio Índio Condá, Chapecó SC, PP, 15/11 0746. Advs, "Chapecó...", QRM from Radio Itatiaia Belo Horizonte. 33543
- 640.0 BRAZIL: Super Radio Deus é Amor, via Radio Morada do Sol, Araraquara SP, PP, 10/11 0050. Program 'A Voz da Libertação', a prayer, Christian songs. On 0100 UTC the station id: 'ZYK547 Radio Morada do Sol, Araraquara, São Paulo...boa note Morada'. 34533 **QRM from 640 kHz Radio Bandeirantes - Porto Alegre RS.
- 750.0 BRAZIL: Radio América, Belo Horizonte MG, PP, 17/11 0001. OM: "Arquidiocese em Movimento, Arquidiocese de Belo Horizonte. Id: "ZYL213 Radio América de Belo Horizonte, 750 kHz, 24 horas no ar...". 34533
- 750.0 BRAZIL: Radio Atual, Registro SP, PP, 16/11 2355. Id: "Radio Atual...", Brazilian song. 34533 **QRM: mix of other Brazilian MA stations on this frequency.
- 760.0 BRAZIL: Radio Nereu Ramos, Blumenau SC, PP, 12/11 0125. Brazilian song. Id: "Radio Nereu Ramos, Blumenau, Santa Catarina". 34543
- 770.0 BRAZIL: Radio Cultura, Lavras MG, PP, 28/11 0055. Brazilian pop song, on 0100: end of transmission (27.11, 2300h local time). Id: "Radio Cultura, encerrando as suas atividades de hoje. Voltaremos em pouco tempo.". 34543.
- 770.0 URUGUAY: Radio Oriental, Montevideo, SS, 28/11 0128. Romantic songs in SS. Id: 'Radio Oriental...'. 34543 **QRM: Radio Mix, Limeira SP 770 kHz.
- 770.0 BRAZIL: Radio Mix, Limeira SP, PP, 28/11 0120. A Christian program from Assembly of God Church (Limeira SP). Songs, announcements to Limeira. 33533 **QRM: Radio Oriental, Montevideo 770 kHz.
- 780.0 BRAZIL: Radio Caiçara, Porto Alegre RS, PP, 20/11 0010. OM: ann, id: '...aqui na Caiçara... programa Caiçara Confidencial...'. Brazilian song. Jingle 'Caiçara'. 35553
- 783.0 UNID: A good carrier, a song in Arabic language by male voice... 15321 Using a headphone... Syria??? - 300 kw. There wasn't QRM from a Brazilian Station on 780 or 790 kHz..
- 790.0 BRAZIL: Radio Cultura, Taubaté SP, PP, 12/11 1944. Jingle 'Cultura Sertaneja'. YL: talk. 35553
- 810.0 BRAZIL: Radio Difusora, Jundiá SP, PP, 15/11 1333. Brazilian songs, YL: jingle "Difusora, Jundiá". 35453
- 855.0 SPAIN (tent.): Radio Nacional de España, Murcia (?), SS, 19/11 2350.2 OM : 'espectáculos tetrales, Europa, los criticos,'. On 0000 UTC, time pips, and news bulletin in SS. 25422 **The communication in SS seems RNE style. On this reception time, RNE Murcia tx w/300 kW, according MW-Liste, other RNE stations with under 50 kW. The logging is just a tentative. No id heard. Good result with a headphone.

- 860.0 BRAZIL: Radio Cidade, Fortaleza CE, 04/12 0150. Sport News px, 'Campeonato Brasileiro, Serie A, Fortaleza, Ceará...'. 25432.
- 860.0 PARAGUAY: Radio La Voz de la Cordillera, Caacupé, SS, 16/10 0022. Advs, reference to Caacupé. 35553
- 880.0 BRAZIL: Radio Inconfidencia, Belo Horizonte MG, PP, romantic Brazilian songs. 35553
- 1120.0 BRAZIL: Radio Mais, São José dos Pinhais PR, PP, 20/11 2225. OM: id "Radio Mais... programa Sertão da Mais...". 35443
- 1160.0 BRAZIL: Radio Cacique, Sorocaba SP, PP, 15/11 0835. Relay from Radio Bandeirantes SP 840 kHz, px 'O pulo do gato'. 35543
- 1290.0 BRAZIL: Radio Camboriu, Balneário Camboriu SC, PP, 18/11 0102. Id:ZYJ804, 1290 kHz, Radio Camboriu, Balneário Camboriu, Santa Catarina". TC.33533. **QRM from Radio Brasil Sul, Londrina PR.
- 1290.0 BRAZIL: Radio Brasil Sul, Londrina PR, PP, 18/11 0107. TC: "23 e 7, esta é a Brasil Sul...". 33533 (RG). **QRM from Radio Camboriu 1290 kHz.
- 1310.0 BRASIL: Radio Bragança, Bragança Paulista SP, PP, 17/11 1352. Brazilian songs, id: "1310 Bragança AM, Bragança Paulista, São Paulo". Advs Havan, Casas Bahia. 35553
- 1320.0 BRAZIL: Radio Difusora, Pirassununga SP, PP 29/11 2220. Relay from Radio Bandeirantes 840 kHz São Paulo, sport News. 35443. 1350.0 kHz BRAZIL: RBC Rede Belém de Comunicação, Ibiúna, PP, 29/11 1315.'RBC'. A song by female voice. 35543.
- 1350.0 ARGENTINA: Radio Buenos Aires, Buenos Aires, SS, 17/11 0115. Jingle 'Iglesia Universal del Reino de Diós...'. OM: talk with people 'milagros'. 34543
- 1360.0 BRAZIL: Radio Luzes da Ribalta, Santa Barbara do Oeste SP, 29/11 2225. Id: 'Radio Luzes...', 'Whatsapp da Radio Luzes da Ribalta, compromisso com o melhor'. 34543.
- 1380.0 BRAZIL: Radio Bom Jesus, Siqueira Campos PR, 29/11 2235. Brazilian songs, announcer: 'Radio Bom Jesus...'. 34543.
- 1380.0 BRAZIL: Radio Bom Jesus, Siqueira Campos PR, PP, 15/11 040;Brazilian song, OM: id "Radio Bom Jesus". 34543
- 1400.0 BRAZIL: Radio Clube, São Carlos SP, 04/12 0955. Nx bulletin, 'Radio Clube, São Carlos', advs. 35543.
- 1440.0 BRAZIL: Radio Clube Ararense, Araras SP, 04/12 1004. Jingle 'Radio Clube Ararense', avds, 34422.
- 1440.0 BRAZIL: Radio Clarim das Palmas, Itaí SP, 29/11 2240. Reference do 'cidade de Itaí', px 'Igreja Pentecostal Deus é Amor de Itaí'. 35553.
- 1510.0 BRAZIL: Radio Aleluia Music, Indaiatuba SP, PP, 20/11 2248. Christian songs, jingle (id) 'Radio Aleluia Music...'. 34543
- 1510.0 BRAZIL: Radio Athenas Paulista, Jaboticabal SP, PP, 20/11 2302. Id: "Você ouve, Sistema Athenas de Radio....", relay from Radio Jovem Pan News 620 kHz SP. 34533
- 1590.0 BRAZIL: Radio Clube, Joinville, 29/11 2247. Religious px, id: 'Radio Clube, Joinville', news about Joinville City. 45554.
- 1620.0 ARGENTINA: Radio 1620 AM, Mar del Plata, SS, 17/11 0100. Romantic song. YL: id "Desde Mar del Plata, Buenos Aires, Republica Argentina, transmite 1620 AM...". 35543
- 3215.0 USA: WWCR, Nashville TN, EE, 18/11 0113. OM: preaching. Christian px. 25442. **Tx w/46° Az to USA and Canada.
- 3330.0 CANADA: CHU, Ottawa ON, time pips and TC by OM (EE and FF). 20/11 2020. 25442
- 3910.0 CLANDESTINE/SOUTH KOREA (tent.): Voice of the People, Kyonggi-do, Korean, 19/11 2135. OM/YL: talk. 24532 **Tx to North Korea. Jamming observed.
- 3945.0 CLANDESTINE/NORTH KOREA: Echo of Unification, Pyongyang, Kor, 20/11 2005. YL:talk. Instrumental mx, a song in Korean language by YL. 15431 **Tx to South Korea. Used a headphone for a better reception.
- 3955.0 UNITED KINGDOM: KBS World Radio, via Woofferton, FF, 19/11 2140.OM/YL: Talk. 24322 (RG). **Tx w/114° to Africa. Poor signal.
- 3990.0 CHINA: PBS Gannan, Hezuo, Ch, 16/11 0034. OM: talk. 25552 **Received last September an eQSL from China about a listening from this station / frequency.
- 3990.0 CHINA: PBS Gannan, Hezuo, Ch, 16/11 0034. OM: talk. 25552 **Received last September an eQSL from China about a listening from this station / frequency.
- 4682.0 BRAZIL: Radio Alvorada, Londrina PR, PP, 26/11 2343. Id: '...se ligue na Alvorada... ZYJ260, 970 kHz, Radio Alvorada, ondas médias; ondas tropicais, ZYG641 4865 kHz. Radio Alvorada, uma emissora da fundação Mater et Magistra... Londrina, Paraná...'. 45554 . **Radio Alvorada identifies its transmission in tropical waves as 4865 kHz, but for years the signal is emitted by 4862 kHz.
- 4747.0 PERU: Radio Huanta 2000, Huanta, SS, 26/11 2338. Typical mx (flute), OM: talk. 35543 **A very good signal!!!
- 4785.0 BRAZIL: Radio Difusora, Boa Vista RR, PP, 27/11 0122. Sequence of Brazilian romantic songs. OM: talk. Id on 0135 ('Radio Difusora'). 35543.
- 4862.0 BRAZIL: Radio Alvorada, Londrina PR, PP, 11/11/18 1325. Religious px, OM: talk. 34543
- 4905.0 BRAZIL: Radio Relógio, Rio de Janeiro RJ, PP, 11/11 1315. Religious px, Missionary R.R. Soares voice, time pips on the background (Radio Relógio). 35553
- 4925.0 BRAZIL: Radio Educação Rural, Tefé AM, PP, 19/11 2340. Mx brasileira, OM: talk. 25442
- 4949.74 ANGOLA: Radio Nacional Angola, Mulenvos, PP, 16/11 0042. OM:talk about religions in Angola, OM: phone-in. 35543
- 4955.0 PERU: Radio Cultural Amauta, Huanta, SS, 17/11 0007. OM: advs, 'teléfono 42-3721...', instrumental mx, OM: talk. 25322
- 5020.0 SOLOMON ISLANDS (tent.): Solomon Islands BC, Honiara, EE, 15/11 0705. OM: Talk. 15421
- 5035.0 BRAZIL: Radio Educação Rural (tent.), Coari AM, PP, 20/10 0040. Brazilian songs, OM: talk. 15431 **Better rx w/a headphone. Radio Aparecida is out from this frequency.
- 5830.0 USA: WTWW, Lebanon TN, EE, 27/11 0141. OM: Preacher, Christian program. 35443 ** Tx w/50° Az to USA and Canada.
- 5952.5 BOLIVIA: Emisoras Pio XII, Siglo Veinte, SS, 12/11 2228. YL: announcements, OM/YL: talk, id. 34553
- 5965.0 GUAM: KSDA Adventist World Radio, Guam, Korean, 15/11 2145, Christian px, instrumental mx, YL: talk (it seems a px to children), 35543 **Tx w/345° Az to South + North Korea.
- 5970.0 USA: WEWN, Vandiver AL, SS, 15/11 0720. Christian songs in SS, OM: talk, Washington, Peru.... 35543 **Tx w/160° Az to South America.
- 5980.0 USA: Radio Marti, Greenville, SS, 15/11 0720. OM: talk. "Guerra,armamento, Primeira Guerra Mundial, tanque Sherman,...". 35553

- **Tx w/172° Az to South America.
- 6010.0 BRAZIL: Radio Inconfidência, Belo Horizonte MG, PP, 14/11 1750. Interview with an OM about health. YL: Time checking. Brazilian song. 35553
- 6035.0 BHUTAN: Bhutan Broadcasting Service, Thimphu, Dzongkha, 18/11 0125. Traditional songs in a sequence. 34543. **Tx to South Asia. On March 2017 I sent a reception report to Bhutan Broadcasting Service (listened here in São Bernardo SP, via Icom IC-R8500 + AOR LA400 Loop Antenna) and after 12 days arrived here an eQSL + E-Letter. Amazing!!!!
- 6040.0 FRANCE: Radio Algerienne Holy Qur'an, via Issoudun, AA, 15/11 2123. Holy Qur'an songs. 35553 **No signal from Radio Evangelizar 6040 kHz Curitiba.
- 6050.0 LIBERIA : ELWA, Monrovia, EE, 15/11 0715. YL: Christian program, preaching. 35543. A good signal!
- 6055.0 ALBANIA: China International Radio, via Cerrik, FF, 19/11 1955. Chinese instrumental mx, OM: schedule CRI / FF, 1957: Sign-off. 35553 **Tx w/240° Az to Africa.
- 6110.0 ETHIOPIA: Radio Fana, Addis-Abeba, Oromo, 19/11 2005. African songs. 35543 **Regional tx.
- 6173.94 PERU (tent.): Radio Tawantinsuyo, Cuzco, Spanish, 15/11 2115. Instrumental music (flutes). OM: talk. 15431
- 6180.0 BRAZIL: Radio Nacional da Amazônia, Brasília DF, PP, OM: talk, Brazilian song, id: "Radio Nacional da Amazonia". Px "Roda de samba". 35543 **Again, the authentic signal from RNA. Recently we experimented a QRM from Radio Marumby 6080 kHz on this frequency.
- 7120.0 SOMALIA: Radio Hargeysa, Hargeysa, Somali, 27/11 0340. OM: talk, typical instrumental music, another OM: talk. References to 'Somalia, Somaliland'. 25442.
- 7180.0 ERITREA: Voice of the Broad Masses 2, Asmara, Amharic, 27/11 0404. OM: talk, instrumental mx. 35543.
- 7230.0 IRAN: Voice of Islamic Republic of Iran, Sirjan, SS, 17/11 0028. YL: VOIRI schedule. Px 'Entrevistas sobre la actualidad politica'. Interview (phone-in) w/a Chilean listener, political subject. 35553 **Tx w/240° Az to South America.
- 7245.0 TAJIKISTAN: Voice of Tajik, Dushanbe, Persian, 27/11 0409. YL: talk, instrumental mx. 35443.
- 7280.0 UZBEKISTAN: TWR India, via Tashkent, Tibetan, 09/11 0115. OM: talk, message, a Christian song, TWR India interval signal. 0130: sign-off. 25552 **Tx w/131° Az to the Tibetan Region. A clear signal received here in Brazil!!!!!!
- 7420.0 CHINA: PBS Nei Menggu, Hohhot, Ch, 17/11 0040. OM/YL: talk. 25542 (RG). **Tx w/263° Az to South of China.
- 7495.0 THAILAND: VOA Radio Ashna, via Udon Thani, Pashto, 17/11 0045. OM/YL: talk. "Pakistan, Arab, Quran, ...". Instrumental mx. 35553 **Tx to Asia.
- 7570.0 USA: WRMI The Overcomer Ministry, via Okeechobee FL, EE, 17/11 0050. OM: The traditional preaching from TOM. 25542 **Tx w/315° Az to USA and Canada.
- 9500.0 SWAZILAND: TWR Africa, Manzini, EE, 12/11 1825. OM: Prayer, Christian song, address, id, interval signal TWR Africa. 35543 **Tx w/13° Az to East Africa.
- 9505.0 SUDAN: Voice of Africa, Al Aitahab, EE, 12/11 1801. OM: talk, political subjects. 25432. **Tx w/210° Az to Africa.
- 9565.0 BRAZIL: Radio Deus é Amor, Curitiba PR, PP, 12/11 1810. OM: Advs about Igreja Pentecostal Deus é Amor' services, in connection with the Church in São Paulo. 35543
- 9765.0 NEW ZEALAND: Radio New Zealand International, Rangitaiki, EE, 15/11 0800. Instrumental mx. Time pips, time checking. YL: News. References to New Zealand. 35543 **Tx w/35° Az to USA and Canada (West Coast).
- 9800.0 FRANCE: Radio Sawtu Linjilia (Voice of Gospel), via Issoudun, Hausa, 12/11 1857. OM: talk, song, address. 35543 **Tx w/170° Az to Africa.
- 9830.0 SÃO TOMÉ e PRÍNCIPE: Voice of America, via Pinheira, Hausa, 26/11 1340. Instrumental mx, 'VoA', OM: talk. A typical song. 35443 **Tx w/0° Az fo Northwest of Africa.
- 9920.0 PHILIPPINES: FEBC, Bocaue, Russian, 29/11 1547. Preaching by male voice. 25542 **Tx w/323° Az to Russia.
- 9940.0 SWAZILAND: TWR Africa, Manzini, Lingala, 12/11 1920. OM: Christian message in Lingala language. 35553 **Tx w/343° Az to Africa.
- 9996.0 RUSSIA: RWM, Taldom, time pips, id in CW on full hour. 35553 *Reception in USB 9995 kHz. A perfect signal!
- 10000.0 CHINA: BPM, Pucheng, time pips + CW id. YL: 'B.. P.. M..'. 35553.
- 10000.0 BRAZIL: Observatório Nacional, Rio de Janeiro RJ, PP, 26/11 1352. YL: 'Observatório Nacional, 11 horas, 52 minutos, 0 segundos' + time pips. 35553 **Better in USB mode. A bad moment to listen this station.
- 11520.0 USA: WEWN, Vandiver AL, EE, 12/11 0015. Religious px, Talk by male voice in the studio, and a second OM phone-in. Discussion about, salvation, church... 25542 **Tx w/85° Az to East USA + Canada.
- 11555.0 NORTHERN MARIANA ISL.: Radio Free Asia, via Tinian, Tibetan, 16/11 1306. Instrumental mx, OM: talk. 25542 **Tx w/288° Az to the Tibetan Region.
- 11560.0 INDIA: All India Radio, Bangalore, RR, 11/11/18 1702. YL: talk, nx. Indian style instrumental mx. 35553
- 11625.0 MADAGASCAR: Radio Vaticano, via Talata-Volondry, Tigrinya, 14/11 1743. OM: Religious News. Instrumental mx. 35553 **Tx w/344° Az, to Africa.
- 11630.0 KUWAIT: Radio Kuwait, Sulaibiyah, AA, 26/11 1503. OM: talk with a low voice and slow communication. 35553 **Tx w/2320° to Saudi Arabia and Africa.
- 11660.0 NORTHERN MARIANA ISLANDS: Radio Free Asia, via Tinian, Tibetan, 30/11 1520. Talk by female voice. 35543 **Tx w/295° to Asia.
- 11745.0 SAUDI ARABIA: Al-Azm Radio, Jeddah, AA, 16/11 1345. OM: talk. OM: phone-in. 35533 **Tx w/300° Az to Northern Africa.
- 11780.0 SWAZILAND: TWR Africa, Manzini, Somali, 26/11 1510. OM: message, song, instrumental mx. On 1530: TWR Africa interval signal + sign-off. 25542 Tx w/31° to East Africa.
- 11825.0 PHILIPPINES: FEBC, Bocaue, Tibetan, 16/11 1355. Instrumental mx. OM: talk. Christian px. 35543 **Tx w/305° Az to the Tibetan Region.

- 11920.0 ALBANIA: China Radio International, via Cerrik, FF, 30/11 1510. African style song, talk by male voice. 35553 **Tx w/240° Az to Africa.
- 11985.0 SRI LANKA: Adventist World Radio, via Trincomalee, 26/11 1540. OM/YL: talk about Christian subjects. Interval signal from AWR on 1400 UTC.25532 **Tx w/25° Az, to South of Asia.
- 12055.0 PHILIPPINES: FEBC, Bocaue, Palaung, 29/11 2335. A song by female voice, preaching. 35553 **Tx w/305° Az to Asia.
- 12065.0 KUWAIT: Radio Free Asia, via Kuwait City (?), Uyghur, 12/11 0100.Begin of tx. Instrumental mx, OM/YL: news, commentary. 35543 **Tx w/58° to West Asia.
- 14996.0 RUSSIA: RWM, Taldom, time pips // w/9996 kHz. 25552.
- 15030.0 INDIA: All India Radio, Bangalore, Ch, 21/11 1203. Indian typical songs. 35543 (RG). **Tx w/38° Az to China.
- 15105.0 SWAZILAND: TWR Africa, Manzini, Kirundi, 29/11 1615. Preaching by male voice, prayer. 35553 ** Tx w/13° Az to Africa.
- 15130.0 IRAN: Voice of the Islamic Republic of Iran, Sirjan, AA, 11/11 1332. OM/YL: talk. 25552 **Tx w/216° to Saudi Arabia direction.
- 15145.0 AUSTRIA: Adventist World Radio, via Moosbrunn, FF, 15/11 0810. Christian px, OM: talk. YL: "This is Adventist World Radio...". Instrumental mx. A Christian song. 45554 **Tx w/225° Az to North / West Africa. A very strong signal, here in Brazil!!!!
- 15235.0 SOUTH AFRICA: Channel Africa, via Meyerton, EE, 14/11 1735. OM:News, talk, instrumental mx, YL/OM: talk. 35553 **Tx w/328° Az, to Africa.
- 15330.0 PHILIPPINES: FEBC, Bocaue, Karen, 21/11 1155. OM: talk,nstrumental mx, a Christian song, 1200: Interval signal from FEBC,sign-off. 35543 (RG). **Tx w/278° Az to Asia.
- 15365.0 GUAM: Adventist World Radio, via Agat, Thai, 04/12 2348. OM/YL: talk, questions and answers, there was instrumental music in the background.Post and e-mail addresses. Interval signal from AWR. 2359 Sign-off. 35443. **Tx w/270° Az to Thailand.
- 15435.0 PHILIPPINES: FEBC, Bocaue, Shan, 28/11 0030. Christian program, w/preaching, songs, prayer and address for a listener contact. 35443**Tx w/283° Az, to Thailand.
- 15620.0 PHILIPPINES: FEBC, Bocaue, Javanese, 22/11 1420. A Christian song, OM: preaching. On 1430 UTC the traditional sign-off from FEBC. 35553 **Tx w/200° Az to the Javanese people from the central and eastern parts of the island of Java, in Indonesia.
- 15620.0 PHILIPPINES: FEBC, Bocaue, Javanese, 16/11 1415. Christian message, prayer, "Christus... Christus... Amen...". Instrumental mx, interval signal, signoff on 1430. 35553 **Tx w/200° Az to Asia.
- 15630.0 EGYPT: Radio Cairo, Avis, Dari, 29/11 1302. OM: Talk in the studio (just possible to hear the male voice with a headphone). 15431. **Tx w/61° Az to Asia.
- 15640.0 KUWAIT: Radio Azadi (R. Free Afghanistan), Kuwait City, Pashto, 11/11 1350. OM: Talk in Pashto language, instrumental mx. 35553 **Tx w/70° Az to Afghanistan.
- 15640.0 PHILIPPINES: FEBC, Bocaue, Burmese, 16/11 2335. A song by female voice. Christian message by OM. Song by YL. 35543 **Tx w/293° Az to Asia.
- 15690.0 GERMANY: Radio Farda, via Biblis, Persian, 29/11 1309. Typical song by male voice. OM: talk. Again a song. 25542. **Tx w/85° Az to Asia.
- 15720.0 NEW ZEALAND: Radio New Zealand International, Rangitaiki, EE, 27/11 2135. Romantic songs sequence. 35543 **Tx w/35° Az to USA +Canada (via Pacific).
- 15760.0 THAILAND: Radio Mashaal, via Udon Thani, Pashto, 15/11 0825. Song,OM: talk. News bulletin: "Pashto, Afghanistan, Islamabad,...". Instrumental mx. 35543 **Tx w/300° Az to Pakistan - Afghanistan.
- 17815.0 USA: WHRI Life of Water Ministries, Cypress Creek, EE, 22/11 2049.Christian songs. 35433. Tx w/85° Az to East USA + Canada.
- 21505.0 SAUDI ARABIA: Radio Saudi, Riyadh, AA, 22/11 1435. Song in AA,OM/YL: talk. 35553 Tx w/295° Az to North of Africa.
- 21525.0 USA: RMI Radio Africa, via Okeechobee FL, EE, 22/11 2042. African style songs. 25542. Tx w/87° Az to North of Africa.

Thanks a lot to our club members for their contributions:

- MF : Michael Frese, Osnabrueck, Germany. Grundig Yachtboy with telescopic aerial.
- RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340,Drake R-8B and Eton E1 ,500 ft. Wire North & 250 Ft. Wire Northeast.
- RG : Rudolf Grimm, San Bernardo, SP, Brazil. Kiwi SDR with mini whip-PA0RDT Standard.
- SG : Siegbert Gerhard, Frankfurt, Germany. AOR AR7030 with 5m-EMF, Sangean 818 ACS & DEGEN DE1103 with telescopic antenna.

Dear Friends,

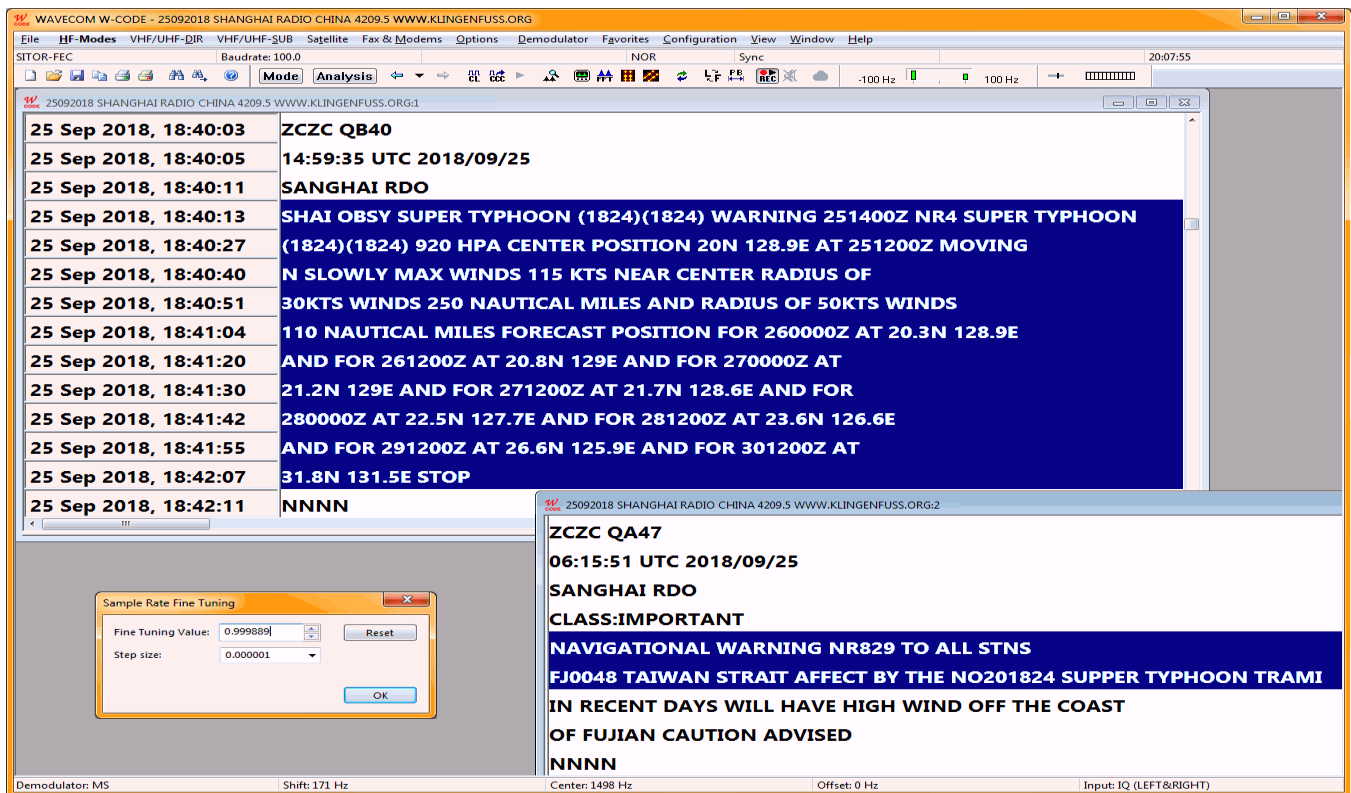
Thanks to our contributors for this jumbo edition of Logbook. Another year comes to an end shortly.

Wishing you All a Merry Christmas & Happy New Year 2019,

Ashok Kumar Bose

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