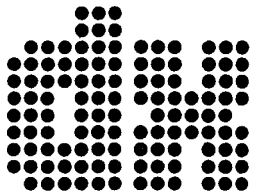


12 - 2012

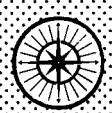
BBC ORTF
ADIO MOSKOU
NDR RAI TVR



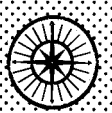
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newstime



WORLD WIDE DX CLUB



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

- WORLDWIDE DX CLUB homepage in the Internet at: <<http://www.wwdxc.de>>
- Weekly "TopNews" by Wolfgang Büschel at: <<http://topnews.wwdxc.de>> (available free of charge by E-Mail to our members on request)
- Latest DRM schedule at: <<http://www.wwdxc.de/drm.htm>>

WORLD RADIO TV HANDBOOK 2013

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DX MAGAZINE No. 12

Vol. XLVII

December 2012

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2012. Let me take this opportunity to thank you very much for all your support during this year. And now over to our usual information from outside the club:

(Cf. DXM 10/2012) **Klingenfuss Publications** have published their four new products for 2013 already on December 5th:

- 2013 Super Frequency List on CD
- 2013 Shortwave Frequency Guide
- 2013 Frequency Database for the PERSEUS Software-Defined Receiver
- 2013/2014 Guide to Utility Radio Stations



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)**

The new **QSL-Calendar 2013** of Rhein-Main-Radio-Club is available now. This full colour art print calendar offers real treasures from our historical QSL archives, covering QSL cards from the 1930's to present. The calendar is in English and costs 15 Euro including shipment world wide. We do all this non-profit - only to support DXing. The calendar is a beautiful X-mas gift. All details can be found on our website <<http://www.rmrc.de>>. **(Harald Gabler, RMRC-CEO, Rhein-Main-Radio-Club, Germany)**

Finally, let me wish you a Merry Christmas and a very Happy New Year 2013

NEWS ABOUT BROADCASTING (+other) STATIONS

Walter Eibl · Postfach 15 45 · D-91005 Erlangen · GERMANY

ARMENIA - Broadcasts from Armenia you might have a chance of IDing (from Aoki 12-9)
... and a chance to get Armenia verified ... (we)

0000-0100	9395, 9750	VOICE OF RUSSIA	1234567	Spanish
0100-0200	9395, 9750	VOICE OF RUSSIA	1234567	Spanish
0143-0155	9750	VoRUSSIA/VoMongolia	12....	Russian
0200-0300	9395, 9750	VOICE OF RUSSIA	1234567	Spanish
0300-0400	9395, 9750	VOICE OF RUSSIA	1234567	Spanish
0400-0500	9395, 9765	VOICE OF RUSSIA	1234567	Spanish
1100-1300	15565	Overcomer Ministry	1.....7	English
1600-1700	11985	VOICE OF RUSSIA	1234567	French
1700-1800	11985	VOICE OF RUSSIA	1234567	French
1800-1900	11985	VOICE OF RUSSIA	1234567	English

1900-2000	11985	VOICE OF RUSSIA	1234567	Russian
2200-2300	9750	VOICE OF RUSSIA	1234567	Portuguese
2300-2400	9395	VOICE OF RUSSIA	1234567	Russian
2300-2400	9750	VOICE OF RUSSIA	1234567	Portuguese

(via Harold Frodge, MI, DXLD)

ASIA [non] [GERMANY / KUWAIT / LITHUANIA / TINIAN MARIANA ISL / MONGOLIA / PALAU / RUSSIA / SAIPAN / SRI LANKA / TAIWAN / TAJIKISTAN / UAE] -

B-12 season RFA Daily Broadcast Frequencies. All times in UT. Some Mandarin broadcast from Tinian, Mariana Isl. vary in Frequency from day to day of the week. Re 21450 kHz Radio Free Asia US propaganda station on amateur radio band edge request. After monitor documents should now take place from 03 to 06 UT instead of 21450 kHz request entirely different frequency spectrum is used. This leads to a frequency hopping every day of the week on a different frequency to avoid the jamming from China Mainland.

Burmese (4 hours daily)

0030-0130	12115IRA	15700TIN	17835TIN
1230-1330	11795TIN	12105IRA	13735TIN
1330-1400	11795IRA	12105IRA	13735TIN
1400-1430	11795KWT	12105IRA	
1630-1730	9940TIN		

Cantonese (2 hours daily)

1400-1500	6025TIN	7470TIN	
2200-2300	7250TIN	9780SAI	11775TIN

Khmer (2 hours daily)

1230-1330	15160/TIN	17735{ex13765}/CLN-IRA
2230-2330	5840IRA	11850IRA

Korean (5 hours daily)

1500-1700	648RAZ	5855TIN	7210IRK	11585TIN
1700-1900	648RAZ	5855TIN	9385IRA	
2100-2200	648RAZ	7460MNG	9385TIN	11995TIN

Lao (2 hours daily)

0000-0100	15690TIN	17770SAI
1100-1130	9325IRA	15120IRA
1130-1200	9325IRA	15120SAI

Mandarin (12 hours daily)

0300-0400	13710TIN	15665SAI	17880TIN	21540TIN		
	TIN hopping: 21755Sun 21765Mon 21775Tue 21785Wed					
	21700Thur 21710Fri 21745Sat					
	Wed only 11980TIN. excWed 11980TJK					
0400-0500	13710TIN	15665SAI	17880TIN	21540TIN		
	TIN hopping: 21765Sun 21775Mon 21785Tue 21700Wed					
	21710Thur 21745Fri 21755Sat					
	Wed only 11980TIN. excWed 11980TJK					
0500-0600	13710TIN	15665SAI	17880TIN	21540TIN		
	TIN hopping: 21775Sun 21785Mon 21700Tue 21710Wed					
	21745Thur 21755Fri 21765Sat					
	Wed only 11980TIN. excWed 11980TJK					
0600-0700	13710TIN	15150TIN	15665SAI	17880TIN	21540TIN	
	Wed only 11980TIN. excWed 11980TJK					
1500-1600	6025TIN	7445TIN	9605SAI	9790SAI	9905PAL	11945TJK
	13725TIN					
1600-1700	6020TIN	7415TIN	7445TIN	9455SAI	9605SAI	9905PAL
	11945TJK 13725TIN					
1700-1800	6020TIN	7415TIN	7445TIN	9355SAI	9455SAI	9905PAL
	11945TJK 11965TIN					
1800-1900	6025TIN	7385TAI-TWN	7415TIN	7445TIN	9355SAI	9455SAI
	9905TIN 11790SAI 11945TJK 11965TIN					
1900-2000	1098KOU-TWN	5860TIN	6025TIN	6095TIN	7385TAI-TWN	
	9355SAI 9455SAI 9875PAL 9905TIN 11790SAI 11945TJK					

2000-2100 1098KOU-TWN 5860TIN 6025TIN 6095TIN 7355TAI-TWN
 7495TIN 9355SAI 9455SAI 9875PAL 11945TJK
 2100-2200 1098KOU-TWN 6025TIN 6095TIN 7355TAI-TWN 7495TIN
 9355SAI 9455SAI 9875PAL 11945TJK
 2300-0000 7540TJK 9585SAI 9825TIN 11775TIN 11975SAI 15550TIN

Tibetan (10 hours daily)

0100-0200 9670TJK 11695UAE 13620KWT 15610TIN 17730MNG
 0200-0300 9670TJK 9700KWT 11695UAE 15520TIN 17730MNG
 0600-0700 17515TJK 17675KWT 21610TIN 21695UAE
 1000-1100 9690SIT 15140LAM
 1100-1200 7470MNG 9350TJK 11545KWT 15375UAE
 1200-1400 7470MNG 9350TJK 11590KWT 13625TIN 15375TJK
 1500-1600 5825TJK 9955TIN 11905UAE 12085KWT
 2200-2300 6005TIN 7470TJK 9835LAM
 2300-0000 6010UAE 7470TJK 7550KWT 9875SIT

Uyghur (2 hours daily)

0100-0200 7480TJK 9480KWT 9645UAE 9690UAE 17805TIN
 1600-1700 5810TJK 7310IRA 9725UAE 12035SAI

Vietnamese (2 hours daily)

0000-0030 9920IRA 11605TSH-TWN 11965TIN 15170TIN
 1400-1430 1503FA0-TWN
 1400-1500 9400TIN 11605TSH-TWN 12130IRA 13735IRA 15310{ex9400}/TIN
 2300-2400 1503FA0-TWN
 2330-2400 9920IRA 11605TSH-TWN 11965TIN 15170TIN
 (Radio Free Asia, via William Hague-UK NWDXC Nov 14, BCDX Nov 17 via DXLD)

AUSTRALIA - 2325, VL8T Tenant Creek; 1215, 2-Dec; Tuned in to hear mention of ABC. Poor; // 2485 VL8K Katherine covered by ute roar. 2310 not there, now presumably only on 4835.

According to an email from ABC's Gary Baxter about the Northern Territory station VL8A Alice Springs: "The intention is to revert this service to dual frequency operation, probably by March 2013." Currently on 4835, 24/7 after technical problems in May prevented the usual automatic day-night switching between 4835 and 2310 (via Alan Pennington, 5 Nov, DX News, Dec BDXC-UK Communication via DXLD) And more audible here around sunrise c. 1330 (gh, OK, DXLD)

AUSTRIA - 18910, ORF, Moosbrunn. Very good reception of news and commentary in German. Off at 0935. New frequency ex 13730, 0900 15/11 (Charles Jones, Castle Hill NSW (JRC NRD 535D with 7m. vertical antenna), (Dec Australian DX News via DXLD)

German on 21/11 from 0900 relaying their 1st Home Sce (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi own made ant, 16 meters long), (Dec Australian DX News via DXLD).

BELARUS - Winter B-12 of shortwave transmissions from Belarus:

Radio 1 Home Service, Belarussian HS

0400-0700 on 7255#MNS 250 kW / 075 deg

1500-1700 on 7255*MNS 250 kW / 075 deg

1500-2100 on 6080^MNS 150 kW / 127 deg

totally blocked by BBC WS En till 0600

* totally blocked by CRI Chinese/English

^ strong co-ch R. Kuwait Arabic from 1600 and VOIRI Bosnian 1730-1830

Radio Belarus, Minsk

Belarussian

1100-1400 on 11730#MNS 150 kW / 252 deg

Russian

1400-1600 on 11730 MNS 150 kW / 252 deg

Polish

1600-1800 on 11730*MNS 150 kW / 252 deg

1705-1800 on 6155 MNS 250 kW / 255 deg

German

1800-2000 on 6155 MNS 250 kW / 255 deg, 1940-2000 Sa/Su French

6

1800-2000 on 11730 MNS 150 kW / 252 deg, 1940-2000 Sa/Su French English
2000-2200 on 6155 MNS 250 kW / 255 deg, 2000-2020 Su Spanish
2000-2200 on 11730 MNS 150 kW / 252 deg, 2000-2020 Su Spanish Russian
2200-2300 on 6155 MNS 250 kW / 255 deg
2200-2300 on 11730 MNS 150 kW / 252 deg
strong co-ch 1300-1330 Radio Japan NHK English
* strong co-ch 1730-1825 Voice of Turkey English
(DX Mix News, November 20)

BHUTAN - 6035.02, BBS (presumed), 1219, Dec 11. Mixing with PBS Yunnan; tentatively went off the air between 1224 and 1230; had been in the clear, but about 1224 hit with heavy adjacent QRM from CNR1 on 6030; at 1230 clearly just PBS Yunnan. Seems that BBS is on a new schedule recently of signing off between 1200 and 1300. Dec 10 heard the two stations mixing together from about 1231 to 1243. Needs more monitoring! (Ron Howard, Asilomar State Beach, CA, Etón E1, dxldyg via WOR 1647, DXLD)
[later:] Thanks very much to Jim Young for providing today's sign off time for BBS - 1228*, which corresponds to my observations. BBS has become semi-regular recently. (Ron Howard, WOR 1647)

BOLIVIA - 4451.2, Radio Santa Ana, Santa Ana de Yacuma, 1020 to 1040, first time noted in the local Bolivian morning 2 December, has been noted from months 2300 to 0100*, sign off varies. Also 5 December 1000 to 1100.
4700, Radio San Miguel, Riberalta, 0910 strong, 1000 om chat, 1 Dec., 1000-1040 Christmas music and time checks, good signal 7 December.
4716.65, Radio Yatun Ayllu Yura, Yura, 0910 on, 0940 yl vocal into chat strong 1 Dec (Robert Wilkner, Pompano Beach, Florida, NRD 535D, 746Pro, R8, DXLD)

5952.5, Radio Pio XII, Siglo XX, 2238-2247, 02-12, Spanish, comments, male, female. 12321. (Manuel Méndez, Lugo, Spain, Logs in Playa Blanca, Lanzarote, Canary Islands, Sony ICF SW 7600 G, cable antenna, 5 meters, dxldyg via DXLD)

6134.8, CP30 R Santa Cruz, Santa Cruz; 0945 Nov 23; rustic music with Spanish announcements by man with occasional time checks, then a prolonged talk that seemed, as far as my rusty Spanish could follow, to be about farm production; ID in passing by woman 1008; no QRM from the TADIL-A (Link-11) "bonker" utility intruder that seems to have moved down to about 4860 kHz.
(Andy Robins, Kalamazoo MI, dxldyg via DXLD 12-48, WOR 1646)

BRAZIL - 9585, SRDA, São Paulo SP, 2258-..., 01/12, quase nenhum áudio perceptível, só ruído na modulação; 35433.

9629.9, R. Aparecida, Aparecida SP, 1910-1928, 01/12, programa Club dos Sócios, com dedicatórias musicais; 33442, QRM adj., modulação fraca.

9645.7, R. Bandeirantes, São Paulo SP, 2216-2225, 01/12, relato de jogo de futebol; 33431, QRM adj.

9819.35, R. 9 de Julho, São Paulo SP, 1906-1925, 01/12, programa de propaganda religiosa e canções do mesmo tema; 34443, QRM adj. de emissora não ident., em 9815.

11815, R. Brasil Central, Goiânia GO, 1913-1934, 01/12, anúncios para o festival Canta Goiás, canções, notícias; 34443, QRM adj. do Serviço Mundial da BBC, em 11810.

11815 idem, 1111-1225, 02/12, prgr de música tradicional brasileira, anúncio de n.º de telefone; 24432, em perda, ilegível pelas 1200.

11925.2, R. Bandeirantes, São Paulo SP, 1918-1934, 01/12, notícias de futebol; 34443.

15191.2, R. Inconfidência, Belo Horizonte MG, 1936-2005, 01/12, programa Sertanejo Moderno, com correio dos ouvintes e passatempo com pergunta ("qual a diferença entre um bebê com fome e uma porca apaixonada?"); tenho de confessar que não me mantive à escuta para ouvir a resposta, mas alguém sabe? (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

BULGARIA - Frequency change of Polish Radio External Service:

1630-1730 NF 6000*S0F 100 kW 030 deg to EEU, ex9755 Polish
1730-1830 NF 6000*S0F 100 kW 030 deg to EEU, ex9755 Belorussian
1830-1900 NF 6000 S0F 100 kW 030 deg to EEU, ex9755 Russian

* strong QRM in Moscow and Minsk from RRI in Romanian 1700-1757 5995!!!
(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 25)

BURMA [Myanmar] - Democratic Voice of Burma:

1430-1530 on 11560 TJK 100 kW / 125 deg SEAs Burmese
2330-0030 on 7510 ERV 300 kW / 100 deg SEAs Burmese
(DX MIX NEWS 759, Dec. 12)

CAMEROON [non] - Lutheran World Federation, Voice of Gospel (Sawtu Linjilia) 1830-1900 on 9800 WER 500 kW / 180 deg WCAf Fulfulde. (DX MIX NEWS 759, Dec. 12)

CHAD - 6165, Radio Chad, D'jamena, 2134-2148, 03-12, male, French, comments, "une emission de Radio Tchad", vernacular songs. 24322 (Manuel Méndez, Lugo, Spain, Logs in Playa Blanca, Lanzarote, Canary Islands, Sony ICF SW 7600 G, cable antenna, 5 meters, dxldyg via DXLD)

CONGO DR [non] - Radio Okapi:

0400-0500 on 11690 RSA 250 kW / 340 deg CAf French/Lingala
1600-1700 on 11795 UAE 250 kW / 230 deg CAf French/Lingala
(DX MIX NEWS 759, Dec. 12)

CUBA - 11880 Radio Havana Cuba to Africa, new transmission. As of December 3rd, 2012, Radio Havana Cuba incorporated two hours of broadcasts directed to Africa, on the frequency of 11880.

French 2100-2130 UTC
Portuguese 2130-2200 UTC
English 2200-2300 UTC

Rosario Lafita Fernandez, Head of Correspondence Dept., Radio Havana Cuba

Hello from La Habana,

have received several nice reports from Africa today, including locations as South as South Africa.

We are using a 100 kW transmitter and an antenna beaming to 100 degrees from Havana on 11880 kHz for two hours {from Bauta site 21-23 UT wb}. ...

The Bauta transmitting site was totally modernized, and it now has 7 new transmitters. The old Brown Boveri, Snieg RFT and Siemens equipment was sent to the recycler and the new transmitters plus a new antenna switching matrix were installed. Six are 100 kW and one is a 50 kW, with the lowerpower one on the air 24 hours with the 5025 kHz Radio Rebelde signal. Bauta has now a nice antennas field, with curtain arrays, Tropical Band high take off angle arrays and also omnidirectional 6 dB gain antennas.

As regards to the Quivican site, we are using 250 kW Soviet built PK250M transmitters modified and updated to DAM, Dynamic Amplitude Modulation technology, a well known energy saving modification.

The antenna arrays include several high gain curtains of classic design, plus one different array that uses a wider bandwidth type of fan dipole. We also have 6 dB gain omnidirectional antennas at that location. Our station studios have also been upgraded and we are now in a totally digital signal generation , processing and storage environment.

In contrast to other stations , we will continue to broadcast on short wave frequencies because we are aware that most of our listeners do not have access to digital communications technologies that require connectivity to the Internet.

73 and DX - Arnie Coro, Host of Dxers Unlimited, Radio Havana Cuba
(Prof. Arnaldo Coro Antich-CUB <coro @ enet.cu> to df5sx at wwdxc BC-DX TopNews Dec 5)

5025, Radio Rebelde. 1800 December 8, 2012. Non-DX but the programming is worth noting. Another example of cross-programming from Cuba. I tuned in just before 1800, hoping to sit back and listen to the Noticiero Nacional de Radio 30-minute news feed. But instead, into joint Radio Rebelde FM and Radio Bayamo ID's followed by a short pre-game beisbol segment, then the game began. Lots of Radio Bayamo ID's and their nice, distinctive chimes-ish sounder theme. But also several mentions near and after 1900 of CMKC; Radio Cadena Agramonte; and CMKS, stations presumably also relaying but not part of the Rebelde/Bayamo primary studio source, just a pick-up.

(Terry L Krueger, Clearwater, Florida, pile of junk used: JRC NRD-535; ICOM IC-R75;...; JPS NF-60 Notch Filter; JPS ANC-4 Noise Phase; 1 X roof dipole; 1 X room random wire; Terk Advantage non-active portable loop, dxldyg via DXLD)

CHINA [and non] - B12 CHINA RADIO INTERNATIONAL as of October 28, 2012:

0000-0057	Cambodian	11990nnn, 9765nnn, 684dof-hai
	Cantonese	17495bei, 11820xia
	Chinese	13655xia, 13580bei, 11975kun, 11900bei, 11845xia, 11780jin, 9435kun
	English	11790xia, 9425bei, 7425kas, 7350kas, 6180kas, 6005kas
	Hakka	9860jin, 9610kun, 9550kun, 9460kun
	Mongolian	11875bei, 9470xia
	Portuguese	9435kas, 6100bei
	Russian	7405huh, 5990huh, 1521htb-xin
	Spanish	15120hab, 5990hab
	Vietnamese	13680xia, 11770bei, 603dof-hai
0000-0157	English	11885xia, 11650bei, 9570cer, 6020cer
0100-0157	Amoy	17495bei, 15425xia, 11980kun, 11945kun, 9860bei, 9610kun, 9550kun, 9460kun
	Chinese	15160jin, 13655xia, 13580bei, 11770nnn, 11640xia, 9600nnn, 7300kas, 7250uru
	English	9580hab, 9420kas, 9410kas, 7350kas, 6175kas, 6075kas
	Russian	13600xia, 5905kas, 1521htb-xin
	Spanish	9710kas, 9590kas
	Urdu	7360kas, 6020kas
0130-0227	Nepalese	13780kun, 11860kun
0200-0227	Pashto	15435xia, 7350kas, 6065kas
0200-0257	Amoy	17495bei, 15425xia
	Bengali	11640xia, 9655kun
	Chinese	15160jin, 15140bei, 13655xia, 9825kas, 9690nob-E, 9580hab, 9570cer, 7330kas, 6020cer
	English	13640kas, 11785kas
	Russian	17640xia, 5915kas
	Spanish	9710kas, 9590kas
	Tamil	13715kas, 11870kas
	Urdu	7290kas, 6020kas
0230-0327	Nepalese	13780kun, 11730kun
0300-0357	Chinese	17540bei, 15160jin, 15130bei, 13655xia, 9570cer, 9450kas, 6020cer
	English	15120bei, 15110kas, 13620xia, 11785kas, 9790hab, 9690nob-E, 9460bei, 738msk
	Hindi	15350kas, 15210kas, 13720kas, 11640kas
	Russian	17710jin, 15435xia, 11710uru, 5915kas, 963por-fin
	Tamil	13735kas, 13600kun
0400-0457	Cantonese	15160jin, 13655xia, 9790hab
	Chinese	15170kas, 15130bei, 13640kas
	English	17855bei, 17725xia, 15120bei, 13620xia, 9460bei
	Hakka	17710bei, 17540kas, 17505xia, 15350kas
	Russian	17640xia, 15665kas, 15445kas, 963por-fin
	Vietnamese	17740xia, 11650kun, 684dof-hai, 603dof-hai
0500-0557	Cantonese	15170jin, 13655xia
	Chinese	15140kas, 15130bei, 15120bei, 13620xia
	English	17855bei, 17725xia, 17540kas, 17505kas, 15465kas, 15350kas, 11880kas, 7220cer
	Lithuanian	963por-fin
	Russian	15665kas, 15445kas
	Vietnamese	17740xia, 11640kun, 684dof-hai, 603dof-hai
0500-0657	Arabic	17485uru, 9590cer, 7210cer, 5985cer
0600-0657	Chinese	17740xia, 17650kas, 15170jin, 15120bei, 13750kun, 13655xia, 13620xia, 9655nnn
	English	17710bei, 17540kas, 15465kas, 15350kas, 15145kas, 13645xia, 11880kas, 11770kas
	English-AF	17505kas, 11750cer
	Italian	15620kas
0600-0757	French	15220uru
	German	17720kas, 15245uru
	Spanish	15135kas
0700-0757	Cantonese	13610xia, 11640jin
	Chaozhou	15145xia, 17750xia
	Chinese	17830kas, 17740xia, 17650kas, 13750kun, 11875nnn, 9655nnn
	English	17710bei, 17540kas, 17490kas, 15465kas, 15350kas, 15125kas, 13645xia, 11880kas, 11785cer
0700-0857	Chinese	11855cer
	Serbian	1215fla-alb
0800-0857	Chinese	17830kas, 17650kas, 17560xia, 15565xia, 13610xia, 11640jin, 9880bei
	English	17540kas, 17490kas, 15625kas, 15465kas, 15350kas, 11880kas, 11785cer, 9415xia
	Hausa	7295bko
	Russian	15665kas, 15335kas
0830-0927	Indonesian	17735kun, 15135kun
0900-0957	Chinese	17670kun, 17560xia, 15565xia, 15440kun, 11750nnn, 9440xia, 7430jin, 5965bei
	English	17750kas, 17690jin, 17650kas, 17570uru, 17490kas, 15350kas, 15270kas, 15210kun, 9415xia
	Romanian	9460cer, 7285cer
	Russian	15665kas, 15335kas
0900-1057	Chinese	17500kas, 15525uru, 15340xia, 15250kun, 13850bei, 11980kun, 9460nnn,
0930-1027	Malay	17680kun, 15135kun
1000-1057	Cantonese	17670kun, 15440kun
	Chinese	17650kas, 9880bei, 7255xia, 5965bei

	English	17690jin, 17490kas, 15350kas, 15210kun, 15190uru, 13720xia, 13590bei, 11640bei, 7215xia, 5955xia
	Hungarian	17570kas, 15220kas
	Japanese	9440xia, 7325jin
	Russian	7400huh, 7290szg, 5915huh, 1323htb-xin, 1116har-hei, 963hua-jil
1030-1127	Cambodian	17680kun, 15160nnn, 684dof-hai
	Indonesian	15135kun, 11700kun
1100-1157	Bulgarian	7220cer
	Burmese	9880kun
	Cantonese	13580kun, 9645bei, 9590kun, 9540bei, 603dof-hai
	Chaozhou	11875kun, 9440kun
	Chinese	17650kas, 15440kun, 11980kas, 11620bei, 9515kas, 7435bei
	Czech	17570kas, 15225kas
	English	17490kas, 13720xia, 13665cer, 13645kas, 13590bei, 11795kas, 11650uru, 9570kas, 5955bei, 1269xua-yun
	Esperanto	7210uru, 6100uru, 1017cah-jil
	Japanese	7325jin, 7260xia, 1044hnl-jia
	Korean	5965xia, 1323hua-jil
	Mongolian	9450xia, 7400huh
	Russian	7290szg, 6080bei, 5915huh, 1521htb-xin, 1323htb-xin, 963hua-jil
	Vietnamese	11990xia, 11785bji, 9550bei, 1296kun-yun
1130-1157	Filipino	12070xia, 11955kun, 7410jin, 6060bei, 1341hdu-gua
1130-1227	Thai	9785kun, 7360kun, 1080xua-yun
1200-1227	Filipino	11955kun, 9720xia
1200-1257	Cambodian	11680nnn, 9440kun
	Cantonese	9570hab
	Chinese	17650kas, 15110uru, 11640xia, 9655kas, 7395bei, 7205kas
	English	17490kas, 13790uru, 13665cer, 12015kas, 11980kun, 11760kun, 11690xia, 11650uru, 9760kun, 9730kun, 9645bei, 9600kun, 9460kas, 7250kas, 5955bei, 1341hdu-gua, 1269xua-yun, 1188kun-yun, 684dof-hai
	French	15205kas
	Japanese	7325jin, 7260xia, 1044hnl-jia
	Korean	5965xia, 1323hua-jil, 1017cah-jil
	Mongolian	5990huh, 5915huh, 100.9ula, 103.7Darkhan
	Russian	9685uru, 9590szg, 7410szg, 7215xia, 6100bei, 5905kas, 1521htb-xin, 963hua-jil
	Serbian	7345cer
	Vietnamese	11720bji, 9550bei, 1296kun-yun
1200-1400	Chinese	13810kas, 11790kas - News Radio
	Chinese	9855bei, 9540kun, 7435nnn
1230-1327	Lao	9785kun, 7360kun
	Malay	15600kun, 11955kun
1300-1357	Bengali	11610kun, 9600bji, 9490kun
	Burmese	11780kun, 9880kun, 1188kun-yun
	Chinese	13855kas, 13650uru, 7215xia, 7205bei
	English	13790uru, 13670kas, 11980kun, 11900kun, 11760kun, 9870xia, 9765xia, 9730bei, 9655kas, 9570hab, 7300kas, 5955bei, 1341hdu-gua
	Esperanto	11650bei, 9440nnn
	French	17880bko, 15205kas, 13685bko
	Hindi	9450kas, 7265uru, 1422kas-xin
	Japanese	7325jin, 7215xia, 1044hnl-jia
	Korean	5965xia, 1323hua-jil, 1017cah-jil
	Mongolian	7285bei, 6100bei, 100.9ula, 103.7Darkhan
	Russian	9870xia, 7255szg, 5990huh, 5915huh, 5905kas, 1521htb-xin, 1323uru, 963hua-jil
	Vietnamese	9685xia, 9550bei, 1296kun-yun
1330-1427	Indonesian	15135kun, 11955kun
	Thai	9785kun, 7360kun, 1080xua-yun
1400-1457	Amoy	11650kun, 9655kun
	Bengali	11610kun, 9490kun
	Burmese	11780bei, 1188kun-yun
	Cambodian	9600nnn, 6055nnn
	Chinese	11785kas, 11610uru, 9730kas, 9430kas, 7445kas, 7410bei, 7400bei, 6040xia
	English	13740hab, 13625kas, 11665uru, 9870xia, 9795uru, 9765xia, 9460uru, 7300uru, 5955bei, 1422kas-xin
	English-AF	17630bko, 13685bko
	Japanese	7410jin, 7210xia, 1044hnl-jia
	Korean	5965xia, 1017cah-jil
	Mongolian	5990huh, 5915huh
	Nepalese	7435kun, 7220kun, 1269xua-yun
	Russian	9450szg, 7330xia, 6005kas, 1521htb-xin, 1323uru, 963hua-jil
	Sinhalese	9610jin, 7265kas, 1188kun-yun
	Tamil	9665kas, 9570kas
	Urdu	7285kas, 6075kas, 1422kas-xin
	Vietnamese	9685bji, 9550bei, 1296kun-yun, 684dof-hai
1400-1557	French-AF	13670cer, 11920cer
1430-1457	Filipino	11830kun, 7325xia, 1341hdu-gua
1430-1527	Lao	9675kun, 7360kun, 1080xua-yun
1500-1527	Pashto	9620kas, 7435kun
	Persian	9765kun, 9600kas, 6165uru
1500-1557	Bengali	9690kun, 9610kun

Chinese	9705kas, 9590kas, 9560kas, 9455kun, 7255bei, 7235kas, 5910bei
English	13740hab, 9870xia, 9785jin, 9720uru, 9650nnn, 9525kas, 9435kas, 7405uru, 7325bei, 6095kas, 5955bei, 1323htb-xin, 1188kun-yun, 558lon
English-AF	17630bko, 13685bko
Hindi	7235kas, 7225uru
Japanese	7220jin, 5980xia, 1044hnl-jia
Nepalese	9535kun, 7215kun
Russian	6180uru, 6105szg, 6025xia, 6005kas, 5990huh, 5965bei, 5915huh, 1521htb-xin, 1323htb-xin, 963hua-jil
Tamil	13600kas, 9730kas
Turkish	9565cer, 7230cer
Urdu	7285kas, 6075kun, 1422kas-xin
Vietnamese	9550bei, 684dof-hai, 603dof-hai
1530-1557 Pashto	9620kas, 7435kun, 6165uru
1600-1657 Albanian	1215fla-alb
Arabic	17880bko, 15125bko
English	9875kas, 9600jin, 9570bei, 9460nnn, 9435kas, 7435jin, 7420uru, 7255kas, 7235kas, 6155nnn, 6100kas, 6060kun, 1323htb-xin, 1080xua-yun, 963por-fin, 558lon
Hakka	7325uru, 6090xia
Hindi	7395kun, 5915kas, 1422kas-xin, 1269xua-yun, 1188kun-yun
Russian	7265uru, 7215szg, 6070kas, 6040uru, 1521htb, 963por-fin
Swahili	7320xia, 5985bei
Turkish	7325kun, 6165uru
Vietnamese	7360kun, 6010bei
1600-1757 Arabic	11725cer, 9555cer, 7300kas
French	7350kas
German	7380cer, 5970cer
1630-1727 Hausa	9670kun, 9620kas
1700-1757 Bulgarian	1458fla-alb
Cantonese	7325uru, 7220kas
Croatian	9610kas, 7335bei
English	9570bei, 9460nnn, 7435jin, 7425kas, 7420kun, 7410kas, 7255kas, 7205bei, 6165bei, 6155nnn, 6140kas, 6100bei, 6090kun, 1323htb-xin, 1080xua-yun, 558lon
Esperanto	7245xia, 1215fla-alb
Russian	7410bji, 7265uru, 6070xia, 6040uru, 5915kas, 1521htb-xin, 963por-fin
Swahili	15125bko, 13645bko, 7400xia, 5985bei
1730-1827 Chinese	9695kun, 7445uru, 7315kun, 7275uru, 6150szg
Hausa	13645bko/11640bko from 1800, 9685kun, 9450kas
1800-1827 Persian	7325bei, 7295bei
1800-1857 Chaozhou	7285xia, 6010uru
English	7405bei, 6100bei
Italian	7435jin, 7340kas, 1458fla-alb
Polish	963por-fin
Russian	9535iss, 7255szg, 7210uru, 6170kas, 6070xia, 1521htb-xin
Romanian	1215fla-alb
1800-1957 French	7385cer, 7360cer, 6055cer, 5970cer
German	9615uru, 7395kas, 6160xia
1830-1857 Bulgarian	9695jin, 7265uru, 6020szg
Persian	7325bei, 7295bei
1830-1930 Arabic	13685bko, 11640bko
1830-2027 French	9645kun, 7350uru
1900-1927 Czech	7415uru, 7325bei
Hungarian	9560uru, 7440xia
Portuguese	13630bko/11640bko
Romanian	7305iss, 6145uru
1900-1957 Albanian	7315kas, 6020szg
Cantonese	9770kas, 7215szg
Czech	963por-fin
English	9440kun, 7295kas
Portuguese	9730kas, 9535bji, 7405xia, 7365bei, 7335jin, 5985bei
Russian	7245bji, 6110xia, 6100bei, 1521htb-xin
Turkish	9655kun, 7255kun
1900-2057 German	1440mar-lux
1930-1957 Czech	7415uru, 7305iss
Romanian	7440xia, 6145uru
1930-2027 Esperanto	9745uru, 7265uru
2000-2027 Serbian	9585kas, 7390xia, 7315uru
2000-2057 Chinese	9865kun, 7440bei, 7335szg, 7305xia, 7245kas
English	13630bko, 11640bko, 9600kas, 9440kun, 7415kas, 7295kas, 7285cer, 5985bei, 5960cer
Polish	7405uru, 6145iss, 6020szg
Russian	9525bei, 7255bji
2000-2200 Arabic	7215cer, 6185cer, 6100xia
German	963por-fin
2001-2059 Hungarian	1458fla-alb
2030-2057 Bulgarian	9720uru, 7320kun
Hungarian	9585kas, 7390jin
2030-2127 Italian	7310kas, 7265uru
2030-2227 French	7350uru, 6115bei
2100-2127 Albanian	6145iss
English	13630bko, 11640bko

	Serbian	7440kun, 7425jin, 7325xia
2100-2157	Croatian	7225bei, 6135bei
	English	9600kas, 7415kas, 7405bei, 7285cer, 7205xia, 5960cer, 13861tu
	Korean	7290xia, 1323hua-jil, 1017cah-jil
2100-2257	Spanish-EU	9640kas, 6020szg
2130-2157	Hungarian	7250uru, 6145iss
2130-2227	French	13630bko, 11975bko
2130-2229	Polish	1458fla-alb
2200-2257	Chinese	15505/11975bko from 2230, 7440kun, 7430jin, 7405uru, 7325kun, 7305jin, 7220kun, 6140kun, 6100kun, 5965kas
	English	5915bei, 1440mar-lux
	Esperanto	9860kas, 7315kas
	Japanese	7440bei, 5985xia
	Korean	7210xia, 1323hua-jil, 1017cah-jil
	Portuguese	9685kas, 9410kas, 7260uru, 6175cer
	Spanish	6100bei
2201-2301	Serbian	1215fla-alb
2200-2357	Spanish-EU	7250uru, 7210cer
2230-2330	Czech	1458fla-alb
2300-2357	Cambodian	11990nnn, 9765nnn, 684dof-hai
	Cantonese	11935kun, 9460kun, 9425jin, 7325kun, 6140kun
	Chinese	11975bko, 9555bei, 7425kun, 7300uru, 7295bko
	English	11790xia, 9535kun, 7415kas, 7350kas, 6145bei, 5990hab, 5915kas, 1440mar-lux
	Japanese	9695jin, 9435xia
	Mongolian	7205xia, 6185xia
	Portuguese	13650hab, 6100bei
	Russian	7405huh, 5990huh
	Spanish	6175cer
	Vietnamese	9415bei, 7220xia, 603dof-hai
2300-0100	Spanish	9800kas, 9590kas
2330-0030	Sinhalese	7260kas, 6100kun

MW relay stations:

/cah-jil - Changchun, Jilin
 /dof-hai - Donfang Gancheng, Hainan Island
 /har-hei - Harbin Xin/Xingfang Chenggaozizhen, Heilongjiang
 /hdu-gua - Hua/Xin Guangzhou, Guangdong Sheng
 /hnl-jia - Changzhou Heng-lin-chen, Jiangsu Sheng
 /htb-xin - Hutubi, Xinjiang
 /hua-jil - Huadian Yumuqiaozi, Jilin
 /Kash-xin - Kashi, Xinjiang
 /Kun-yun - Kunming, Yunnan
 /xua-yun - Xuanwei, Yunnan

(BI newsletter / Shen Xihua, <<http://www1.s2.starcat.ne.jp/ndxc>>)

DJIBOUTI - RTV Djibouti on 4780 kHz. Not heard/logged by myself for a while; copied lovely HOA music this pm from 1650 gmt onward. Now 1727 gmt and still listening. Thought I would hang on and absorb the wonderful HOA music from this station. Signal peaks around 3 with usual QRN which for me is locally based. Give this one a try. (Steve Calver, UK, Dec 4, RX. Flex Radio Systems 1500, ANT. Half size G5RV in loft, dxldyg via DXLD)

GERMANY - NDR Hamburg ("North German Radio") will return for four hours to shortwaves on Christmas Eve and broadcast his traditional programme "Gruss an Bord" (Greeting on Board) worldwide, already being its 59th issue this year. Greetings will be made available to sailors around the world as well as Christmas melodies and wishes for a Merry Christmas in different languages.

The broadcast will be not only via FM frequencies via NDR Info, NDR 90.3 MHz in Hamburg, via Internet, via satellite and DAB +, but also via the medium-wave frequencies of NDR1.

For the first time since the shutdown of "Norddeich Radio" in the late 90s this year several shortwave frequencies will be added, so the NDR will be the first ARD institution that will again be heard on shortwaves.

Bayerischer Rundfunk, SWR and Deutsche Welle radio have ceased shortwave shows and partly dismantled the transmission technology. Now NDR uses the facilities of the Media Broadcast to spread out the program. Six shortwave transmitters in Nauen near Berlin and Wertachtal in Bavaria will be used. According to the shortwave transmitter operator services with a level of 100 to 125 kilowatts.

In a press release of the NDR Hamburg, which was distributed in the A-DX Mailing List to many Shortwave listener, the station announced the exact times, reception areas and frequencies with the Media Broadcast GmbH now:

Part 1 – "Gruss an Bord" - Dec 24, 1900-2100 UT

kHz	Azi	ant	power	tx	target
9850	285	HR 4/4/0.5	100	Wertachtal	NAtlantic
13780	235	HR 4/4/1.0	125	Nauen	Waf / Atlantic Ocean
11840	200	HR 4/4/0.5	125	Nauen	SAtlantic Ocean
11720	163	HR 2/4/0.5	100	Nauen	SEAf, Indian Ocean, SWAf
11840	120	HR 4/4/0.8	100	Wertachtal	Western Indian Ocean
11965	90	HR 4/4/0.8	125	Wertachtal	Eastern Indian Ocean

Part 2 - Weihnachtsgottesdienst aus St. Johannis-Harvestehude in Hamburg und Gruss an Bord - Christmas service in St. John's Harvestehude Church Hamburg and greeting on board. Dec 24, 2100-2300 UTC.

kHz	Azi	ant	power	tx	target
7335	270	HR 4/4/0.3	100	Wertachtal	NAtlantic
11655	235	HR 4/4/0.5	125	Nauen	Waf / Atlantic Ocean
9490	200	HR 4/4/0.5	125	Nauen	SAtlantic Ocean
9735	163	HR 2/4/0.5	100	Nauen	SEAf, Indian Ocean, SoWeAF
9490	120	HR 4/4/0.8	100	Wertachtal	Western Indian Ocean
9650	90	HR 4/4/0.8	125	Wertachtal	Eastern Indian Ocean

From 20.05 CET/MEZ (1905 UTC), the reception on the medium wave is 702 kHz (transmitter Flensburg), 792 kHz (Lingen), Hanover Info (828 kHz) and 972 kHz (Hamburg Moorfleet) and the other means of distribution of NDR NDR possible and 90.3 MHz. Detailed information for receiving and about averaging from regards are found on the website of to "Gruß an Bord"

For further information:

- Website: <https://www.ndr.de/info/programm/sendungen/gruss_an_bord/grussanbord105.html>

Per E-Mail: <gruss-an-bord@ndr.de>

Per snail mail:

Norddeutscher Rundfunk
Redaktion "Gruss an Bord"
z. Hd. Wolfgang Heinemann
Rothenbaumchaussee 132-134
20149 Hamburg.

(<http://www.ndr.de/info/programm/sendungen/gruss_an_bord> Dec 13)

GERMANY / MARIANA ISLS [Tinian] / SRI LANKA / THAILAND -

Frequency changes of IBB:

Radio Liberty in Tajik

0100-0300 NF 9955 UDO 250 kW 316 deg to CAs, ex 7275 Lam

Deewa Radio in Pashto

0100-0400 NF 9545 Bib 100 kW 088 deg to WAs, ex 9955 UDO

0100-0400 NF 12005 IRA 250 kW 340 deg to WAs, ex11895 IRA

Voice of America in Farsi

0230-0330 NF7360 WER 250 kW 090 deg to WAs, ex0130-0230 7400 WER

0230-0330 9445 Bib 100 kW 105 deg to WAs, ex0130-0230 9445 Lam

0230-0330 9495 Bib 100 kW 105 deg to WAs, ex0130-0230 same Bib

Radio Liberty in Uzbek:

0300-0400 NF 9855 Lam 100 kW 077 deg to CAs, ex13790 PHT

Radio Free Asia in Chinese

0300-0400 NF 21765 TIN 250 kW 304 deg to EAs Mo, ex21450

0300-0400 NF 21775 TIN 250 kW 304 deg to EAs Tue, ex21450

0300-0400 NF 21785 TIN 250 kW 304 deg to EAs Wed, ex21450

0300-0400 NF 21700 TIN 250 kW 304 deg to EAs Thu, ex21450

0300-0400 NF 21710 TIN 250 kW 304 deg to EAs Fr, ex21450

0300-0400 NF 21745 TIN 250 kW 304 deg to EAs Sa, ex21450

0300-0400 NF 21755 TIN 250 kW 304 deg to EAs Su, ex21450

0400-0500 NF 21775 TIN 250 kW 304 deg to EAs Mo, ex21450

0400-0500 NF 21785 TIN 250 kW 304 deg to EAs Tue, ex21450
 0400-0500 NF 21700 TIN 250 kW 304 deg to EAs Wed, ex21450
 0400-0500 NF 21710 TIN 250 kW 304 deg to EAs Thu, ex21450
 0400-0500 NF 21745 TIN 250 kW 304 deg to EAs Fr, ex21450
 0400-0500 NF 21755 TIN 250 kW 304 deg to EAs Sa, ex21450
 0400-0500 NF 21765 TIN 250 kW 304 deg to EAs Su, ex21450
 0500-0600 NF 21785 TIN 250 kW 304 deg to EAs Mo, ex21450
 0500-0600 NF 21700 TIN 250 kW 304 deg to EAs Tue, ex21450
 0500-0600 NF 21710 TIN 250 kW 304 deg to EAs Wed, ex21450
 0500-0600 NF 21745 TIN 250 kW 304 deg to EAs Thu, ex21450
 0500-0600 NF 21755 TIN 250 kW 304 deg to EAs Fr, ex21450
 0500-0600 NF 21765 TIN 250 kW 304 deg to EAs Sa, ex21450
 0500-0600 NF 21775 TIN 250 kW 304 deg to EAs Su, ex21450

Radio Liberty in Russian

1600-1700 NF 9840 Bib 100 kW 063 deg to EEU, ex 5930 Lam
 1700-1800 NF 9840 Bib 100 kW 063 deg to EEU, ex 9405 Lam

Radio Farda in Farsi

1700-1900 NF 12035 Bib 100 kW 105 deg to WAs, ex13615 Lam
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 25)

12070, Nov 17 at 1539, hilife music, good signal and talk in Swahili; 1555 closing with something like "Swingin' Safari", mentions of kHz, Eutelsat. It's DW via Kigali, RWANDA, and off about 1557. Back on a couple minutes later with much weaker JBA signal at less favorable beam toward Ethiopia in Amharic (gh, DXLD)

Frequency change of Deutsche Welle French from November 14:

1200-1300 NF 17820 Wof 250 kW / 150 deg to N Af, ex 15700 to avoid PAK in Chinese

Frequency change of Deutsche Welle English from November 21:

0400-0500 9800 KIG 250 kW / 030 deg E Af, ex 9420 to avoid VOG Greek
 0500-0600 9470 KIG 250 kW / non-dir E Af, ex 9420 to avoid VOG Greek
 (DX Mix News Nov 18)

GERMANY [non] - Some MBR changes:

Frequency changes of Bible Voice Broadcasting Network from Nov 24:

0800-0830 NF 7220 W 100 kW non-dir to WEu English Su, ex5945
 0800-0845 NF 7220 W 100 kW non-dir to WEu English Sa, ex5945
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 25)

GREECE - Winter B-12 schedule from Greece:

ERA-5 Voice of Greece in Greek:

1250-1850 15630 AVL 100 kW / 105 deg SAs/AUS
 1250-0900 9420 AVL 170 kW / 323 deg WEu/NAM - not on air from Nov. 11
 1855-2250 15650 AVL 100 kW / 260 deg CEu/SEu
 2255-0250 15650 AVL 100 kW / 226 deg CAM/SAM
 2255-0900 7475 AVL 100 kW / 285 deg WEu/NAM - Radio Filia from 0600*
 0255-0900 11645 AVL 100 kW / 182 deg NAF/N&ME

ERT-3 Radiophonikos Stathmos Makedonias in Greek:

1250-1650 9935 AVL 100 kW / 285 deg WEu/NAM ex till 1750 from Nov 6
 1655-2250 7450 AVL 100 kW / 323 deg WEu/NAM ex from 1755 from Nov 6

*with different duration on different days of the week in Albanian, Spanish, German, Russian, Polish, Bulgarian, Serbian and on some days V of Greece in Greek (DX Mix News 12 Nov)

INDIA - Strong carrier / tones heard often from 1615 UTC on 9705. Seems to be AIR Panaji, ex-7250. Yours sincerely, (Jose Jacob, VU2JOS, Nov 29, dx_india yg via DXLD)

Weil AIR Goa Panaji den neuen 250 kW Sender in Bangladesh störte, ist AIR von 7250 auf 9705 kHz gewechselt. Goa ist immer für einen Minusversatz von 30 Hertz gut! War vorher auf 7249.978 kHz. Schedule ist 1615-1730 UT Hindi, dann 1730-1830 UT Malayalam. (wb)

INDONESIA - 9525.90 kHz, for the last couple of days I have noted good reception of Voice Of Indonesia on 9525.90 kHz. Today i have monitored on and off from 1300 UT thru to past 1900 UT. Programming as per WRTH: 1300-1400 English

1400-1500 Indonesian
 1500-1600 Chinese
 1600-1700 Arabic
 1700-1800 Spanish
 1800-1900 German
 1900-2000 English
 (John Hoadd-UK, BrDXC-UK Dec 8)

Vo Indonesia measured 9525.890 kHz at 1500 UT Dec 8, heavy BUZZ hum tone. RRI Jakarta Cimanggis 4th program at 1603 UT on 9680.050 kHz Gamelan music. (wb, wwdxc BC-DX TopNews Dec 8)

IRAN [non] - Radio Payem e-Doost: [Bah'ai clandestine]
 0230-0315 on 7460 KCH 500 kW / 116 deg WAs Farsi
 1800-1845 on 7480 KCH 500 kW / 116 deg WAs Farsi
 (DX MIX NEWS 759, Dec. 12)

ISRAEL - ... Does it seem that Galei Zahel on 6885 is running with more power and a cleaner signal tonight? I tuned in at 0040 on Nov 18 to a very strong signal that continues steady. I don't recall the signal as this strong when they made the move to 6885 initially. In fact, I don't recall ever having them this strong on 6973 (Gerry Bishop, FL, DXLD)

Frequency change, new frequency for Kol Israel in Farsi:

1500-1600 9985 ISR 250 kW / 090 deg WAs Fr/Sa, ex 15760 // 13850
 1500-1630 9985 ISR 250 kW / 090 deg WAs Su-Thu, ex 15760 // 13850
 (DX MIX NEWS 759, Dec. 12)

JAPAN [FRANCE] - 15190 kHz, Radio Japan NHK, 1200-1230 UT. Via Montsinery, French Guiana. Signal fair to Good. 15 min of news followed by a 15 min feature weekdays; 10 minutes of news on weekends followed by a 20 min. magazine show. Internet simulcast is Radio Japan NHK 4.
 (J.K. Johnson, GA, Dec 3, dxldyg via DXLD)

KOREA [Rep of] - Winter schedule of KBS Seoul in B-12:

[FRANCE/FRENCH GUIANA/UAE/U.K.] ...

Arabic		Indonesian	
2000-2100 NE/ME/AF	9840 (A1 Dhabaya-UAE)	1200-1300 SEAs	9570
Chinese		1400-1500 SEAs	9570
1130-1230 China	6095	2200-2300 SEAs	9805
1130-1230 SEAs	9770	Japanese	
1300-1400 AS	1170 (MW) 7275	0100-0200 Japan	9580
2200-2300 China	7275	0200-0300 Japan	11810
2300-2400 SEAs	9805	0800-0900 Japan	6155 7275
English 1		0900-1100 Japan	9805
0200-0300 SAm	9580	1100-1300 NonDir	1170 (MW)
0800-0900 SEAs	9570	Korean 1	
1200-1300 NAm	15575	0900-1100 AS	7275
1300-1400 SEAs	9570	1000-1100 NonDir	1170 (MW)
1600-1700 SEAs	9640	1600-1800 NE/ME/AF	9740
1600-1700 EU	9515	1600-1800 EU	7275
1800-1900 EU	7275	1700-1900 EU	9515
English 2		Korean 2	
1100-1130 EU (Sa only)	9760 (DRM Woofferton-UK)	0300-0400 SAm	11810
2200-2230 EU	3955 (Skelton-UK)	0700-0800 EU	6045 (Woofferton-UK)
English 3		0900-1000 NE/ME/AF	15160
0200-0300 SEAs	9640	0900-1100 SoEAs	9570
1230-1330 China	6095	1000-1100 NonDir	1170 (MW)
1400-1500 SEAs	9640	1200-1300 AS	7275
French		1400-1500 NAm	15575
2000-2100 NE/ME/AF	5950 (Issoudun-F)	Russian	
2100-2200 EU	3955 (Skelton-UK)	1800-1900 EU	7235 (Woofferton-UK)
German		2030-2100 Moscow	738 (MW)
2000-2100 EU	3955 (Skelton-UK)	Spanish	
		0100-0200 SAm	11810
		0200-0230 NAm	15575

0300-0400 Ce&SoAM	15400 (Montsinery-GUF)	Vietnamese	
0600-0700 EU	6045	0100-0200 SEAs	9690
1100-1200 SAm	11795	1030-1130 SEAs	9770
		1500-1600 SEAs	9640

(KBS, Oct 29)

KOREA NORTH [non] - Clandestine and target broadcasts:

Radio Free North Korea from Dec. 3:

1200-1400 NF 7485 UZB 100 kW / 076 deg KRE Korean, ex 11550

Radio Free Chosun from Dec. 3:

1200-1400 NF 7595 TJK 200 kW / 071 deg KRE Korean, ex 11560

2000-2100 on 7505 TJK 100 kW / 071 deg KRE Korean

CMI Voice of Wilderness from Dec. 5:

1300-1330 NF 6275 TJK 100 kW / 071 deg KRE Korean Mo-Sa, ex 9920

1300-1330 on 15180 TRM 250 kW / 045 deg KRE Korean Mo-Sa

1300-1400 on 15180 TRM 250 kW / 045 deg KRE Korean Su

1300-1430 NF 6275 TJK 100 kW / 071 deg KRE Korean Su, ex 9920

Nippon no Kaze:

1300-1330 on 9950 TWN-TAI 100 kW / 002 deg NEAs Japanese

1500-1530 on 9975 HBN 100 kW / 345 deg NEAs Korean

1530-1600 on 9965 HBN 100 kW / 345 deg NEAs Korean

Furusato no Kaze:

1330-1400 on 9950 TWN-TAI 100 kW / 002 deg NEAs Japanese

1430-1500 on 9950 HBN 100 kW / 345 deg NEAs Japanese

1600-1630 on 9780 TWN-TAI 250 kW / 045 deg NEAs Japanese

JSR Shiokaze Sea Breeze:

1330-1430 on 6135 YAM 100 kW / 280 deg KRE *various (alt.5910/5985)

2000-2100 on 5910 YAM 100 kW / 280 deg KRE *various (alt.6110/5965)

* Jap Mo/Wed/Thu; Chi/Kor Tue; Eng Fr; Kor/Jap Sa; Jap/Kor Su

Open Radio North Korea:

1400-1600 on 7540 TJK 200 kW / 071 deg KRE Korean

2100-2200 on 7480 TJK 100 kW / 071 deg KRE Korean

North Korea Reform Radio:

1500-1700 on 7590 UZB 200 kW / 070 deg KRE Korean

Voice of Martyrs(Freedom):

1600-1730 on 7515 UZB 100 kW / 065 deg KRE Korean

(DX MIX NEWS 759, Dec. 12)

KURDISTAN [non] - Frequency change of Denge Kurdistan in Kurdish from Nov.28 1600-2000 NF 7390 secret / hidden site to WAs, ex 11510. SINPO 55555. 0400-1600 on 11510 KCH 250 kW / 116 deg to WAs no change. (DX Mix News, Nov. 29)

MADAGASCAR/SOUTH AFRICA - SW Radio Africa

1700-1900 4880 RSA 100 kW 005 deg to SAf English

Radio Voice of The People

1800-1900 9345 MDG 250 kW 265 deg to ZWE English/Shona/Ndebele

(DX MIX News, via wwdxc BC-DX TopNews Dec 12)

MALI - 5995, Radio Mali, Bamako, 0718-0800*, 03-12, French, comments, male, identification: "Radio Mali". 44444.

9635, Radio Mali, Bamako, *0800-0812, 03-12, female: "Radio TV du Mali emettant de Bamako", French and Vernacular, male and female. 34433 (Manuel Méndez, Lugo, Spain, Logs in Playa Blanca, Lanzarote, Canary Islands, Sony ICF SW 7600 G, cable antenna, 5 meters, dxldyg via DXLD)

MEXICO - 6184.986 Radio Educacion Mexico City, talk in Spanish at 0423 UT Dec 13. Rather tiny poor signal here in Germany, after recent power reduction in mid 2012. (wb, wwdxc BC-DX TopNews Dec 13)

MOLDOVA - Updated B-12 schedule, Radio PMR Pridnestrovye

Mo-Fr:

1800-1830 7290 KCH 300 kW / 309 deg WEu English 15' and Music 15'
 1830-1900 7290 KCH 300 kW / 309 deg WEu German 15' and Music 15'
 1900-1930 7290#KCH 300 kW / 309 deg WEu Russian 15' and Music 15'
 1930-2000 7290#KCH 300 kW / 309 deg WEu French 15' and Music 15'
 2000-2030 7290*KCH 300 kW / 309 deg WEu English 15' and Music 15'
 2030-2100 7290*KCH 300 kW / 309 deg WEu German 15' and Music 15'
 2100-2130 7290 KCH 300 kW / 309 deg WEu Russian 15' and Music 15'
 2130-2200 7290 KCH 300 kW / 309 deg WEu French 15' and Music 15'

Su -Thu:

2200-2230 7290 KCH 300 kW / 309 deg WEu English 15' and Music 15'
 2230-2300 7290 KCH 300 kW / 309 deg WEu German 15' and Music 15'

strong co-ch NEXUS txions on Frday * strong co-ch Brother Stair English
 (DX Mix News)

MYANMAR - 9730.498 Probably Myanmar Radio Yangoon radio service 'seen' on screen til 0730 UT here in Western Europe, but no trace of any audio above threshold level. Nov 27.

5985.820 - very nice Myanmar Radio Yangoon signal, at 1603 UT Nov 30, switched to USBand, to avoid fair CRI Swahili 5985 even signal to Africa target. (wb, wwdxc BC-DX TopNews Nov 27/29/30)

7110 Thazin Radio. Expanded schedule observed from Thazin Radio. 2330-0200 6030, 0230-0830 9460, 0930-1500 on 7110 kHz. Announces e-mail addresses during English transmissions as <thazinradio @ yahoo.com> and <thazinradio @ hotmail.com>

Yes, hear it 0130-0930 on 9590 kHz, 1030-1330 7345 kHz, but I need to check it today Dec 8 for any changes. (Victor Goonetilleke-CLN 4S7VK, dxld Dec 6/8)

NAGORNO-KARABAKH - 9677.7, Ädalätin Säsi Radiosu (V of Justice), re-activated after months of absence on SW. Only carrier on 21 & 24/11 at 0600, but with program in Azeri on 27/11 1400-1426. Terrible audio almost nothing understood, but language is Azeri.

(Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi own made ant, 16 meters long), Dec Australian DX News via WOR 1646, DXLD)

NETHERLANDS [non] - The Mighty KBC have now added frequencies for their extra 22, 23, 25, and 26 December txs:

EU (German time) UTC +1

9835 kHz, 1500-1600 UTC, Non Directional, 125 kW

USA (East Coast time) UTC -5hrs

21600 kHz, 1500-1600 UTC, 300 degr, 250 kW {Wertachtal, Germany}

Asia (Vietnam time) UTC +7hrs / Australia (Sydney time) UTC +11hrs 1

5470 kHz, 1500-1600 UTC, 75 degr, 250 kW {Wertachtal, Germany}

And on 22, 23 December we also have our 6095 transmitter on the air as well with 100 kW 0900-1600 UT. {Wertachtal, Germany}

During weekdays we also have The Mighty 6095 on the air between 0900-1100 UTC with 100 kW" (The Mighty KBC Facebook page Nov 16)

OMAN - B-12 schedule of Radio Oman via Seeb and Thumrait sites.

6085 0200 0400 39N, 40W SEB 100 320 141 Arb OMA RSO
 6085 2000 2200 39SW, 48 SEB 100 240 146 Arb OMA RSO
 6190 1800 2000 39SW, 48 SEB 100 240 146 Arb OMA RSO
 7360 1400 1730 48, 53 THU 100 220 205 Arb OMA RSO
 7375 0600 0800 48, 53 THU 100 220 205 Arb OMA RSO
 7405 0400 1000 48, 53 THU 100 220 205 Arb OMA RSO

7435 0430 1030 48,53 THU 100 220 205 Arb OMA RSO
 9515 0400 0600 39N,40W SEB 100 320 141 Arb OMA RSO
 9540 0200 0400 48,53 THU 100 220 205 Arb OMA RSO
 9730 0200 0400 48,53 THU 100 220 205 Arb OMA RSO
 9760 0000 0200 28,39N THU 100 315 218 Arb OMA RSO
 11655 1730 2200 48,53 THU 100 220 205 Arb OMA RSO
 12030 1400 1730 48,53 THU 100 220 205 Arb OMA RSO
 13590 1400 1730 48,53 THU 100 220 205 Arb OMA RSO
 13600 0400 1000 48,53 THU 100 220 205 Arb OMA RSO
 13640 0600 1400 39N,40W SEB 100 320 141 Arb OMA RSO
 13675 0600 0800 48,53 THU 100 220 205 Arb OMA RSO
 13685 1700 2300 48,53 THU 100 220 205 Arb OMA RSO
 13860 0400 1000 48,53 THU 100 220 205 Arb OMA RSO
 15140 1400 1500 28,39N THU 100 315 218 Eng OMA RSO
 15140 1400 2200 48,53 THU 100 220 205 Eng OMA RSO
 15140 1500 2200 28,39N THU 100 315 218 Arb OMA RSO
 15350 1800 2000 48,53 THU 100 220 205 Arb OMA RSO
 15355 0200 0300 48,53 THU 100 220 205 Arb OMA RSO
 15355 0300 0400 48,53 THU 100 220 205 Eng OMA RSO
 15355 2200 2400 28,39N THU 100 315 218 Arb OMA RSO
 15375 1400 1800 39SW,48 SEB 100 240 146 Arb OMA RSO
 15560 1400 1600 48,53 THU 100 220 205 Arb OMA RSO
 15595 1600 2200 48,53 THU 100 220 205 Arb OMA RSO
 15630 1400 1730 48,53 THU 100 220 205 Arb OMA RSO
 15745 1400 1730 48,53 THU 100 220 205 Arb OMA RSO
 17580 0600 0800 48,53 THU 100 220 205 Arb OMA RSO
 17590 0400 0600 48,53 THU 100 220 205 Arb OMA RSO
 17595 0600 0800 48,53 THU 100 220 205 Eng OMA RSO
 17630 0600 1000 28,39N THU 100 315 218 Arb OMA RSO
 17820 0400 0600 48,53 THU 100 220 205 Arb OMA RSO
 17830 2000 2200 48,53 THU 100 220 205 Arb OMA RSO
 17870 1800 2000 48,53 THU 100 220 205 Arb OMA RSO

(wb, wwdxc BC-DX TopNews Nov 27/29)

15560 1400-1600 UT 48,53 THU 100kW 220deg 205azi Arabic OMA RSO
 Noted with most modern percussion and guitar music at 1420 UT, S=8-9 more than fair signal.
 (wb, wwdxc BC-DX TopNews Dec 8)

PHILIPPINES / VATICAN STATE - RVA B12 schedule - 28 October 2012 to 31 March 2013

PROGRAM TIME FREQUENCY SERVICE (UTC) (MHz)

Bengali 0030-0057 15265 1400-1427 11870	2330-2357 9645 1230-1257 15225	1400-1427 9520
Myanmar 2330-2357 9720 1130-1157 15450	Karen 0000-0027 11935 1200-1230 15225	Telugu 0100-0127 15530 1430-1500 11750
Filipino 2300-2327 9720 1500-1553 15320 [VIA CVA - Santa Maria de Galeria, Vatican state]	Khmer 1000-1030 11850	Urdu 0100-0127 15280 0100-0127 17860 1430-1457 15330 [VIA CVA - Santa Maria de Galeria, Vatican state]
Hindi 0030-0057 15280 1330-1400 11870	Mandarin 2100-2257 6115 1000-1157 11945	Vietnamese 2330-2357 9670 0130-0230 15530 1030-1127 11850 1300-1327 11850
Hmong 1200-1227 11935	Sinhala 0000-0027 11855 0000-0027 15460 1330-1400 9520	Chin 0130-0157 15255 1430-1500 11870
Kachin	Tamil 0030-0057 11935	

(RVA Technical Dept, via Ashik Eqbal Tokon-UK, hcdx Oct 12)

ROMANIA - Frequency changes of Radio Romania International:

0300-0356 NF 9870 TIG 300 kW / 247 deg SAm Spanish, ex 13630
 1800-1856 NF 7300 TIG 300 kW / 307 deg WEu English, ex 11955
 2200-2256 NF 9790 TIG 300 kW / 247 deg SAm Spanish, ex 13860
 2200-2256 NF 11870 TIG 300 kW / 247 deg SAm Spanish, ex 15160
 (DX MIX NEWS 759, Dec. 12)

RUSSIA - Winter B-12 schedule of Tatarstan Wave in Tatar/Russian:

0410-0500 11895 SAM 160 kW / 058 deg to FE, ex 15105 / 065 deg in B-11
 0610-0700 9410 SAM 250 kW / 058 deg to RUS
 0810-0900 11610 SAM 250 kW / 294 deg to WEu, ex 305 degrees
 (DX Mix News 12 Nov)

SAO TOME - 15620, Nov 25 at 2022, VOA French, fair but QRM from WEWN 15610 squishy spur circa 15619, reduced by tuning USB. HFCC shows 15620 during this semihour only from Pinheira, in addition to 1830-1900 French via Greenville, leaving a gap on 15620 from 19-20, while 15225 Greenville is continuous. Now 15620 is aimed 88 degrees across northern edge of Congo DR, maybe also for Central African Republic. (gh, DXLD)

SERBIA [and non] / BOSNIA - B-12 International Radio Serbia:

0100-0130 on 6190 BIJ 250 kW / 310 deg to NAm Serbian Mo-Sa
 0100-0200 on 6190 BIJ 250 kW / 310 deg to NAm Serbian Su
 0130-0200 on 6190 BIJ 250 kW / 310 deg to NAm English Mo-Sa
 0200-0230 on 6190 BIJ 250 kW / 310 deg to NAm Serbian Mo-Sa
 0200-0230 on 6190 BIJ 250 kW / 310 deg to NAm English Su
 1400-1430 on 9635*BEO 010 kW / 310/130 to WEu English
 1430-1500 on 9635*BEO 010 kW / 310/130 to WEu Serbian
 1500-1530 on 9635*BEO 010 kW / 310/130 to WEu Spanish
 1530-1600 on 9635*BEO 010 kW / 310/130 to WEu Arabic
 1600-1630 on 9635*BEO 010 kW / 310/130 to WEu Russian
 1630-1700 on 9635*BEO 010 kW / 310/130 to WEu French
 1700-1730 on 9635*BEO 010 kW / 310/130 to WEu German
 1730-1745 on 9635*BEO 010 kW / 310/130 to WEu Chinese
 1745-1800 on 9635*BEO 010 kW / 310/130 to WEu Albahian
 1800-1815 on 9635*BEO 010 kW / 310/130 to WEu Hungarian
 1815-1830 on 9635*BEO 010 kW / 310/130 to WEu Greek
 1830-1900 on 9635*BEO 010 kW / 310/130 to WEu Italian
 1900-1930 on 6100#BIJ 250 kW / 310 deg to RUSS Russian
 1930-2000 on 6100#BIJ 250 kW / 310 deg to WEu English
 2000-2030 on 6100#BIJ 250 kW / 310 deg to WEu Spanish
 2030-2100 on 6100#BIJ 250 kW / 310 deg to WEu Serbian Su-Fr
 2030-2130 on 6100#BIJ 250 kW / 310 deg to WEu Serbian Sa
 2100-2130 on 6100#BIJ 250 kW / 310 deg to WEu German Su-Fr
 2130-2200 on 6100#BIJ 250 kW / 310 deg to WEu French
 2200-2230 on 6100#BIJ 250 kW / 310 deg to WEu English

* not active at the moment

co-ch 19-2230 China Radio International in Russian/Arabic/Arabic/Chinese

(DX Mix News, November 20)

SOMALIA [non] - Radio Xoriyo heard 17870 kHz *1600-1615 GMT in presumed Somali. Fair signal. Opposition station targeting Ethiopia using transmitter in Bulgaria. 12/10/12 - PS: Has anyone QSLed them and if so at what address? (Steve Handler, IL, NASWA yg via WOR 1647, DXLD)

Radio Xoriyo:

1600-1630 on 17630 F 500 kW / 130 deg EAf Somali Tue/Sa
 1600-1630 on 17870 secret transmitter site EAf Somali Mo/Fr

Radio Dama1, Voice of the Somali People:

0400-0700 on 15700 UAE 250 kW / 205 deg EAf Somali
 1830-1930 on 11740 Wof 250 kW / 128 deg EAf Somali
 1930-2130 on 11970 UAE 250 kW / 225 deg EAf Somali

Radio ERGO:

0830-0930 on 17680 UAE 250 kW / 225 deg EAf Somali
(DX MIX NEWS 759, Dec. 12)

SOMALILAND - Radio Hargeisa, Hargeisa, 7120 kHz, 1512z, partial/data, v/s card in 2 weeks by airmail for report in English by air and \$3 r/p to Mr. Baldur Drobnica, Consultant, Zedernweg 6, D-50127 Bergheim, Germany. Also 2 unsigned amateur QSL cards for historic 600X Dxpeditons to Somaliland. (Bruce JENSEN, CA, dxldyg via DXLD)

Radio Hargaysa, 7120 Hargaysa. Nov. 29, 2012. Thursday. 1605-1901*.
(Bill Bingham, RSA, Nov 29, dxldyg via DXLD)

SPAIN - Updated winter B-12 of Radio Exterior de Espana from Nov.27:

Arabic

1700-1900 on 21610 NOB 250 kW / 110 deg to NEAf
1900-2100 on 7265 NOB 250 kW / 170 deg to NWAf Mo-Fr
2000-2200 on 7265 NOB 250 kW / 170 deg to NWAf Sa/Su

English

1900-2000 on 9605 NOB 250 kW / 170 deg to NWAf Mo-Fr

French

1900-2000 on 9590 NOB 250 kW / 170 deg to NWAf Sa
1900-2000 on 12030 NOB 250 kW / 110 deg to NEAf Su
2000-2100 on 9570 NOB 250 kW / 110 deg to NEAf Mo-Fr
2000-2100 on 9605 NOB 250 kW / 110 deg to NEAf Mo-Fr

Portuguese

2100-2200 on 11680 NOB 250 kW / 230 deg to SAm Mo-Fr

Russian

1700-1730 on 11755 NOB 250 kW / 068 deg to EEu

Sefardi

1525-1455 on 15385 NOB 250 kW / 161 deg to WCAf Mo
0115-0145 on 11780 NOB 250 kW / 248 deg to SAm Tue

Spanish

0000-0100 on 11815 CRI 100 kW / 110 deg to SAm DRM
0000-0200 on 9630 CRI 100 kW / 340 deg to NAm DRM
0000-0400 on 9765 CRI 100 kW / 110 deg to SAm
0000-0400 on 9620 NOB 250 kW / 230 deg to SAm
0000-0500 on 6125 NOB 250 kW / 242 deg to SAm
0000-0500 on 9535 NOB 250 kW / 272 deg to CAm
0200-0600 on 3350 CRI 100 kW / 000 deg to SAm
0400-0800 on 5965 CRI 100 kW / 150 deg to SAm
0500-0700 on 11895 NOB 100 kW / 080 deg to N/ME
0500-0900 on 9780 NOB 050 kW / 050 deg to WEu DRM
0900-1500 on 21540 NOB 250 kW / 161 deg to WCAf
1100-1300 on 13720 NOB 250 kW / 000 deg to WEu DRM
1100-1700 on 21610 NOB 250 kW / 110 deg to NEAf
1200-1400 on 11910 BEI 500 kW / 165 deg to SEAs
1200-1500 on 9765 CRI 100 kW / 000 deg to CAm Mo-Fr
1200-1500 on 11815 CRI 100 kW / 110 deg to SAm Mo-Fr
1200-2300 on 9765 CRI 100 kW / 000 deg to CAm Su
1200-2300 on 15125 CRI 100 kW / 110 deg to SAm Su
1500-1700 on 15385 NOB 250 kW / 161 deg to WCAf Mo-Sa
1500-1900 on 17715 NOB 250 kW / 230 deg to SAm Mo-Fr
1500-2200 on 17755 NOB 250 kW / 161 deg to WCAf Su
1600-2300 on 9765 CRI 100 kW / 000 deg to CAm Sa
1600-2300 on 15125 CRI 100 kW / 110 deg to SAm Sa
1700-1900 on 17715 NOB 250 kW / 230 deg to SAm Sa/Su
1700-1900 on 17755 NOB 250 kW / 161 deg to WCAf Mo-Fr
1700-2200 on 17755 NOB 250 kW / 161 deg to WCAf Sa

1800-2000 on 9765 CRI 100 kW / 000 deg to CAm Mo-Fr
 1800-2000 on 15125 CRI 100 kW / 110 deg to SAm Mo-Fr
 1900-2300 on 11940 NOB 250 kW / 242 deg to CAm Sa/Su
 2200-2300 on 7265 NOB 250 kW / 170 deg to NWAf
 2200-2300 on 11625 NOB 250 kW / 161 deg to WCAf Sa/Su
 2300-2400 on 6125 NOB 250 kW / 242 deg to SAm
 2300-2400 on 9535 NOB 250 kW / 272 deg to CAm
 2300-2400 on 9620 NOB 250 kW / 230 deg to SAm
 (DX Mix News, Nov. 29)

SUDAN [non] - Radio Tamazuj:

0400-0430 on 7315 SMG 200 kW / 150 deg EAf Arabic
 0400-0430 on 11940 MDC 250 kW / 325 deg EAf Arabic
 0400-0430 on 13800 DHA 250 kW / 255 deg EAf Arabic
 1500-1530 on 13800 MDC 250 kW / 325 deg EAf Arabic
 1500-1530 on 15535 SMG 200 kW / 150 deg EAf Arabic

Radio Dabanga:

0430-0600 on 7315 SMG 200 kW / 150 deg EAf Arabic
 0430-0600 on 11940 MDC 250 kW / 325 deg EAf Arabic
 0430-0600 on 13800 DHA 250 kW / 255 deg EAf Arabic
 1530-1630 on 13800 MDC 250 kW / 325 deg EAf Arabic
 1530-1630 on 15535 SMG 200 kW / 150 deg EAf Arabic
 (DX MIX NEWS 759, Dec. 12)

TAIWAN [non] - 11565 19/Nov 0145. Taiwan, RTI in Spanish. YL presents a program of local music. At 0157 full ID by OM and YL. At 0158 end of transmission. Nothing in Eibi and Aoki for this transmission. 35433. (Jorge Freitas, Feira de Santana Bahia, 12 14°S 38 58°W - Brasil, dxldyg via DXLD)

Frequency change of WYFR Family Radio Portuguese from Nov 8:

2300-0200 11565 YFR 100 kW / 140 deg S Am, ex 11885 to avoid CRI English
 (DX Mix News, Nov 18)

TIBET [INDIA] - 4920, PBS Lhasa Xizang, English 16-17 UT! super signal S=9+15dB. AIR Chennai underneath (wb, November 29)

UAE / RWANDA - Some Babcock FMO requests. Moved TWR Africa in Somali from Kigali (RRW) to Al Dhabbaya (UAE):

TIME/UTC	DAY MTWTFSS	LANGUAGE	FREQU	Site	kW	AZI	Reception Area
1630-1657	12345	Somali	11635	RRW	250	000	Kenya/Somali
1630-1645	7	Somali	11635	RRW	250	000	Kenya/Somali

But moved from 1 Dec:

1630-1657	12345	Somali	11635	UAE	250	225	Kenya/Somali
1630-1645	7	Somali	11635	UAE	250	225	Kenya/Somali

9890 new Radio Australia via Al Dhabbaya-UAE in Indonesian, registered from Dec 5th:
 9890 (ex11830) 2200-2330 UT to zones 51W,54 UAE 500kW 105deg
 (wb, wwdxc BC-DX TopNews Dec 7)

U.K. / U.S.A. - Some new VoVietnam relays, after Sackville-RCI-CAN ceased operation in Oct 2012.

6135 VoVTN Russian 2000-2030 UT via Woofferton 250 kW.

6175 VoVTN Vietnamese 0430-0528 UT to zone 6 via HRI-USA relay site, ex requested 7345W0F.

9640 VoVTN English 0100-0258 and 0330-0358 UT via Woofferton-UK 250 kW to zone 8.

7335 HCJ Arabic sce via Woofferton site, 2100-2145 UT, 250 kW 170 degr to zone 37S.
 (wb, wwdxc BC-DX TopNews Dec 4)

U.S.A. - Winter B-12 of Radio Taiwan International via Okeechobee:

0000-0100 15440 YFR 100 kW 285 deg to Cam Cantonese/Hakka
 0100-0200 11565 YFR 100 kW 140 deg to SAm Spanish
 2200-2300 6115 YFR 100 kW 355 deg to Nam English
 2200-2300 15440 YFR 100 kW 285 deg to CAm English
 2300-2400 9690 YFR 100 kW 222 deg to Carribean Spanish
 2300-2400 15440 YFR 100 kW 285 deg to CAm Chinese
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 25)

9990, Nov 18 around 0030, WTWW-2 is on with music; after 0200 switched to 5085 where Ted Randall is taking requests and dedications from RI, AZ, etc. for classic rock tunes; after 0300, Rod Hembree preaching, which seems to be regular now; after 0400, playback of QSO Radio show by Ted, past 0600 and no WORLD OF RADIO noted this week, or did I miss it? Off the air by 0647 check.

5830, Nov 19 at 0200, WTWW ID by Ted announcing this new frequency for WTWW-1, and back to SFAW programming; has just replaced 5745 all-night, just because R. Marti was already scheduled on 5745 in B-season at 1100-1400. In late A-season, WTWW had to vacate 5755 since some US government/military user reclaimed it, tho that is making precious little use of 5755, so 5745 was temporary solution for WTWW.

We also note that WTWW-3 has not been on 12105 very much; it seems that whenever WTWW-2 is on 9990, which it is now most afternoons, plus 5085 UT Sundays, 12105 is off. That could save on the electricity bill, and sometimes the axial transmitters are swapped, in case one of the three needs some work.

12105 WTWW is on in Arabic, Nov 19 at 1817. BTW, if on at 1600-1658, 12105 collides with new frequency of Zimbabwe Community Radio, 250 kW, 265 degrees from Madagascar {a.k.a. Radio Dialogue}. (gh, WOR 1644, DXLD)

Winter B-12 of Brother Stair TOM as of Nov 7:

0000-1300 on 3185 WRB 100 kW / 045 deg to NEAm
 0100-0400 on 7490 BCQ 050 kW / 245 deg to NEAm Mo-Thu
 0200-0400 on 7490 BCQ 050 kW / 245 deg to NEAm Fr
 0400-1300 on 5890 WCR 100 kW / 090 deg to NEAm Mo-Fr
 0500-1200 on 5890 WCR 100 kW / 090 deg to NEAm Sa/Su
 1100-1300 on 15565 ERV 300 kW / 125 deg to FE
 1200-1530 on 13570 INB 050 kW / 242 deg to CAm Mo-Fr
 1300-2100 on 9980 WCR 100 kW / 090 deg to NEAm Mo-Fr
 1300-2400 on 9370 WRB 100 kW / 045 deg to NEAm
 1400-1600 on 9460 W 100 kW / non-dir to WEu
 1400-1600 on 13810 W 100 kW / 120 deg to N&ME
 1500-1600 on 15420 BCQ 050 kW / 245 deg to NEAm Sa
 1500-1800 on 11900 ERV 300 kW / 090 deg to N/ME
 1500-2300 on 9980 WCR 100 kW / 090 deg to NEAm Sa/Su
 1700-1800 on 15420 BCQ 050 kW / 245 deg to NEAm Sa
 1900-2000 on 9835*W 500 kW / 165 deg to NWAf
 1900-2030 on 13570 INB 050 kW / 242 deg to CAm Mo-Fr
 1900-2200 on 9700 SOF 050 kW / 306 deg to Weu, new from Nov.1
 2000-2100 on 7290#TIG 100 kW / 290 deg to WEu
 2000-2300 on 9990 ERV 300 kW / 192 deg to EAF
 2200-2400 on 9980 WCR 100 kW / 090 deg to NEAm Mo-Fr

* strong co-ch Radio France International in Russian

strong co-ch Radio PMR Pridnestrovye Mo-Fr

(DX Mix News)

WWCR B12 Schedule, November 4, 2012 to March 9, 2013:

Transmitter #1 - 100 KW - 46 Degrees

0200-1000 3.215 MHz
 1000-1200 6.875 MHz
 1200-2100 15.825 MHz
 2100-2300 6.875 MHz
 2300-0200 3.195 MHz

Transmitter #2 - 100 KW - 85 Degrees

0100-1300 5.935 MHz
 1300-1600 7.490 MHz
 1600-2100 12.160 MHz

2100-2300 9.350 MHz
2300-0100 5.070 MHz

Transmitter #3 - 100 KW - 40 Degrees
0100-1300 4.840 MHz
1300-0100 13.845 MHz

Transmitter #4 - 100 KW - 90 Degrees
0200-1200 5.890 MHz
1200-0000 9.980 MHz
0000-0200 7.520 MHz
(WWCR website Dec 01)

USA [non] - Frequency changes of Radio Liberty from Nov.25:

0200-0300 NF 9855 CLN-Ira 250 kW / 340 deg to CAs, ex 9680 Uzbek
1400-1600 NF 11850 Bib 100 kW / 063 deg to EEU, ex 9515 Russian
1500-1600 NF 7465 TH 250 kW / 316 deg to CAs, ex 7260 Tajik
(DX Mix News, Nov. 29)

Frequency changes of IBB:

Radio Liberty in Tajik:

0100-0300 NF 9955 UD0 250 kW / 316 deg to CAs, ex 7275 Lam

Deewa Radio in Pashto:

0100-0400 NF 9545 Bib 100 kW / 088 deg to WAs, ex 9955 TH
0100-0400 NF 12005 CLN-IRA 250 kW / 340 deg to WAs, ex 11895 CLN-IRA

R Farda in Farsi:

0230-0330 NF 7360 W 250 kW / 090 deg to WAs, ex 0130-0230 7400 W
0230-0330 on 9445 Bib 100 kW / 105 deg to WAs, ex 0130-0230 9445 Lam
0230-0330 on 9495 Bib 100 kW / 105 deg to WAs, ex 0130-0230 same Bib

Radio Liberty in Uzbek:

0300-0400 NF 9855 Lam 100 kW / 077 deg to CAs, ex 13790 PH

Radio Free Asia in Chinese

0300-0400 NF 21765 TIN 250 kW / 304 deg to EAs Mo, ex 21450
0300-0400 NF 21775 TIN 250 kW / 304 deg to EAs Tue, ex 21450
0300-0400 NF 21785 TIN 250 kW / 304 deg to EAs Wed, ex 21450
0300-0400 NF 21700 TIN 250 kW / 304 deg to EAs Thu, ex 21450
0300-0400 NF 21710 TIN 250 kW / 304 deg to EAs Fr, ex 21450
0300-0400 NF 21745 TIN 250 kW / 304 deg to EAs Sa, ex 21450
0300-0400 NF 21755 TIN 250 kW / 304 deg to EAs Su, ex 21450
0400-0500 NF 21775 TIN 250 kW / 304 deg to EAs Mo, ex 21450
0400-0500 NF 21785 TIN 250 kW / 304 deg to EAs Tue, ex 21450
0400-0500 NF 21700 TIN 250 kW / 304 deg to EAs Wed, ex 21450
0400-0500 NF 21710 TIN 250 kW / 304 deg to EAs Thu, ex 21450
0400-0500 NF 21745 TIN 250 kW / 304 deg to EAs Fr, ex 21450
0400-0500 NF 21755 TIN 250 kW / 304 deg to EAs Sa, ex 21450
0400-0500 NF 21765 TIN 250 kW / 304 deg to EAs Su, ex 21450
0500-0600 NF 21785 TIN 250 kW / 304 deg to EAs Mo, ex 21450
0500-0600 NF 21700 TIN 250 kW / 304 deg to EAs Tue, ex 21450
0500-0600 NF 21710 TIN 250 kW / 304 deg to EAs Wed, ex 21450
0500-0600 NF 21745 TIN 250 kW / 304 deg to EAs Thu, ex 21450
0500-0600 NF 21755 TIN 250 kW / 304 deg to EAs Fr, ex 21450
0500-0600 NF 21765 TIN 250 kW / 304 deg to EAs Sa, ex 21450
0500-0600 NF 21775 TIN 250 kW / 304 deg to EAs Su, ex 21450

Radio Liberty in Russian

1600-1700 NF 9840 Bib 100 kW / 063 deg to EEU, ex 5930 Lam
1700-1800 NF 9840 Bib 100 kW / 063 deg to EEU, ex 9405 Lam

Radio Farda in Farsi

1700-1900 NF 12035 Bib 100 kW / 105 deg to WAs, ex 13615 Lam

(DX Mix News, Bulgaria, 25 Nov)

U.S.A. [ARMENIA / ASCENSION ISLS / FRANCE / FRENCH GUIANA / GERMANY / MADAGASCAR / MOLDOVA / SOUTH AFRICA / SRI LANKA / UAE / U.K. / UZBEKISTAN] -

WYFR Okeechobee Florida Overseas programmes.

Drastic cuts of transmissions in different languages via YFR overseas relays:

CANCELLED ALL TRANSMISSIONS VIA MBR, BABCOCK, MADAGASCAR AND CIS COUNTRIES.

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 25)

Family Radio's (WYFR) latest SW schedule (*changes*) as per their website is as follows:

2200-2300	17575	Portuguese	(Brazil)
2300-0000	13695	Spanish	(S. America)
2300-0100	11885	Portuguese	(Brazil)
2330-0400	6115	English	(Canada)

To Asia:

1100-1200	6220	Burmese
1100-1300	6240, 9280	Chinese
1300-1400	7540	Vietnamese

The broadcasts listed above to Asia are heard at my place. The following is also listed but blocked by WEWN:

1100-1200 11520 Philippines

(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Dec 10, DXLD)

Frequency change of WYFR Family Radio from Dec. 4:

0100-0200 NF 11730 YFR 100 kW / 285 deg CAm Spanish, ex 15440

(DX MIX NEWS 759, Dec. 12)

UZBEKISTAN - B-12 for CVC - The Voice Asia - via UZB=Tashkent site:

Hindi to India

0000-0400	6260	UZB	100 kW	153 deg
0400-1100	13630	UZB	100 kW	153 deg
1100-1400	9500	UZB	100 kW	153 deg
1400-2000	6260	UZB	100 kW	153 deg

Hindi to South Asia

0100-0400	9975	UZB	100 kW	186 deg
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(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 1)

VIETNAM - 9550.019 Voice of Vietnam in English noted on two channels in 31 mb at 2045 UT Dec 1. Here in Germany much stronger on 9730.000 kHz via Son Tay broadcast center, and much weaker on sidelobe towards Middle East and North Africa on odd 9550.019 kHz, also via Son Tay center. (wb, wwdxc BC-DX TopNews Dec 1)

Editor's info desk was closed for this edition on December 16th, 2012, at 12:00 UTC.

Please also see our website for lists of broadcasts in German and English, updated regularly.

Sources & Contributors:

A-DX - e-mail exchange - Austria.

Alokes Gupta - New Delhi - India.

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

CONEXION - CONEXION Digital - Buenos Aires - Argentina.

DXLD - Glenn Hauser's DX LISTENING DIGEST - USA.

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.

Any items from Glenn Hauser, DX LISTENING DIGEST, and/or World of Radio may be reproduced or broadcast only if full credit be maintained at all stages, from the original source through DXLD, and publications quoting are made available to gh in exchange.

Items from this file may be reproduced or re-reproduced only if full credit is maintained at all stages.

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 = Albany, ANT = Neth. Antilles, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing/China, Bib = Biblis/DL, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, CAN = Sackville/Canada, CHN = China, CLN-Ira = Sri Lanka Iranawila, CLN-Trm = Sri Lanka Trincomalee, CTR = Costa Rica, CYP = Cyprus, Du = Dushanbe/TJK, Dw = Darwin/Aus, ERV = Erivan/Armenia, F = Issoudun/France, FIN = Finnland, Fl = Florida/USA, GAB = Gabun, GUF = French Guyana, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, IK = (IRK) Irkutsk/ Siberia, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), Kom = Koms-na-Amur, KOR = (South) Korea, Kra = Krasnodar, Ku = Kununurra/Aus, Kun = Kunming /CHN, KWT = Kuwait, Lam = Lampertheim/DL, M = Moscow (Taldom), MCO = Monaco, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, NOR = Kvitsoy /Norway, Pan = Panaji /India, Pet = Petropavlovsk/Sibiria, RRW = Ruanda, RSA = Meyerton /South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), Sam = Samara, SEY = Seychelles, Sh = Shepparton/Aus, Sk = Skelton/GB, SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya /United Arab Emirates, Ur = Urumchi/CHN, Vla = Vladivostok, W = Wertachtal/Germany, Wof = Woofferton /GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

Af = Africa, Am = America, As = Asien, Aus = Australien; Eu = Europe, ME = Middle East, 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 Spanish - Turk Turkish

Technical hint with frequency (QRG):

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

Editor:

Walter Eibl (we), P.O. Box 1545, 91005 Erlangen, Germany.

Email: <we@wwdxc.de> or <we@kwr.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, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada
E-Mail: logbook@wwdxc.de

MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
603.0	1710	111	G	Classic Gold,Exeter	English	Exeter & Devon News	2011	MF
612.0	1755	111	G	Christian Premier,Ipswich	English	Christmas Story	2111	MF
621.0	0855	111	G	County Gold,Folkstone	English	Shopping	2511	MF
630.0	0650	211	G	Asia Premier,Lancashire	English	Good Morning Asia	2311	MF
648.0	1545	111	G	Classic Premier,Wrexham	English	BBC	2211	MF
657.0	1725	111	G	Classic Premier	English	Devon News	2011	MF
693.0	0800	111	G	Folkstone Premier	English	Soldiers of God	2511	MF
792.0	1605	211	G	Sports,Ipswich	English	Athletes	2211	MF
801.0	1610	111	G	Hit Premier,Ipswich	English	Hitlist	2211	MF
810.0	0615	111	G	Christian Premier,Southend	English	Jesus	2511	MF
828.0	0550	111	G	Countryline,Southend	English	Sunday morning show	2511	MF
873.0	0620	222	G	South Gold,Cambridge	English	Morning Show	2311	MF
882.0	0605	111	G	Skyline,Southend	English	Morning Show	2511	MF
900.0	0810	111	G	Classic Gold,Dover	English	Program	2511	MF
909.0	1730	111	G	Gold Premier,Manchester	English	Traffic	2111	MF
954.0	0630	111	G	Oxford Premier	English	Students	2311	MF
1008.0	1710	111	G	Classic Gold,Cambridge	English	Charity Show	2211	MF
1089.0	1630	221	G	Birmingham Premier	English	Working Class	2211	MF
1206.0	1640	111	G	Classic Premier,Brighton	English	Football	1711	MF
1215.0	0650	211	G	Hit Premier,Sherwood	English	Good Morning Sherwood	2111	MF
1215.0	1000	333	IRL	Absolute Radio	English	Music	0711	PH
1224.0	0655	111	G	Prem. Hit Gold,Sherwood	English	Breakfast Show	2111	MF
1242.0	1520	111	G	County Folk,Derby	English	County Folk Music	1611	MF
1314.0	0500	222	G	Christian Premeir,Lester	English	Jesus	2111	MF
1404.0	1530	211	G	Classic Gold,Ipswich	English	Middle Age	2211	MF
1449.0	1645	111	G	Premier,Stratford	English	Pop	1711	MF

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5040.0	0641	453	CUB	Radio Haban,Cuba	English	Mailbag plus	1911	RL
5960.0	2300	555	TUR	Voice of Turkey	English	News	0611	PH
5995.0	1115	111	GUY	Voice of Guyana	English	Rainforest	0212	MF
6025.0	0520	111	RRW	Radio Rwanda	English	Program	0312	MF
6060.0	0510	211	CUB	Radio Cuba,Habana	English	DX Unlimited	0312	MF
6140.0	1145	111	BDI	Voice of Burundi	English	Program	0212	MF
6145.0	0127	553	ROU	Radio Romania Intl.,	English	Listeners Letterbox	1611	RL
6165.0	1125	111	ZMB	Radio Zambia	English	Christmas Greetings	0212	MF
7220.0	2314	433	ROU	Radio Romania Intl.,	English	A Challenge for the future	0211	RL
7245.0	0900	211	TJK	Radio Tajik	English	Gun trade to Palestine	0212	MF

7245.0	1310	111	MLA	TRAXX	English	Program	0212	MF
7250.0	0229	553	RUS	Voice of Russia	English	Religion & Society	0411	RL
7285.0	1030	111	NIG	Radio Nigeria	English	Political jails	0212	MF
7290.0	0312	553	RUS	Voice of Russia	English	From Russia with Love	1911	RL
7305.0	0416	553	ROU	Radio Romania Intl.,	English	Listeners Letterbox	1911	RL
7310.0	0644	553	ROU	Radio Romania Intl.,	English	DX Mailbag	1911	RL
7325.0	0127	553	ROU	Radio Romania Intl.,	English	Listeners Letterbox	1611	RL
7330.0	1900	343	RUS	Voice of Russia	English	Baltic States	0211	PH
7480.0	2200	444	CLN	VOA	English	Superstorm	0511	PH
9400.0	1700	444	ARM	OCM/Brother Stair	English	Talks	0211	PH
9500.0	0000	444	BUL	Mighty KBC	English	Wolfman	0411	PH
9665.0	1100	111	ALS	KNLS	English	Program	0212	MF
9705.0	1040	111	ETH	Radio Ethiopia	English	African Bloodshed	0212	MF
9765.0	1100	444	NZL	Radio New Zealand Intl.,	English	News	3110	PH
9830.0	0437	553	RUS	Voice of Russia	English	In Between	0811	RL
9855.0	2200	333	AUS	Radio Australia	English	Talks	0111	PH
9955.0	0700	353	USA	Radio Maimi Intl.,	English	ID heard	1311	RL
11770.0	1110	111	AIA	Caribbean Beacon	English	ADDX	0212	MF
11830.0	2229	553	RUS	Voice of Russia	English	Burning Point	3110	RL
12020.0	1135	111	VTN	Voice of Vietnam	English	Program	0212	MF
12070.0	2153	453	D	Deutsche Welle	English	Inside Europe	2810	RL
15250.0	1050	111	ARS	Voice of Saudi Arabia	English	Religious jails in China	0212	MF
15275.0	1929	453	D	Deutsche Welle	English	Inside Europe	2810	RL
15440.0	2251	453	USA	R. Taiwan Intl., via WYFR	English	Feast meets west	1611	RL
15720.0	0329	553	NZL	Radio New Zealand Intl.,	English	Mailbox	1311	RL
17530.0	1200	444	ROM	Radio Romania Intl.,	English	Radio Newreel	0811	PH
17895.0	0600	111	ZMB	CVC	English	Program for Africa	0312	MF

Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA:

- 3955.0 ENGLAND. KBS World Radio – Skelton, 2202-2229* Dec 14, English news read by a woman announcer; several IDs followed by news features, quiz for October, November and December prior to closedown. Fair.
- 4885.0 BRAZIL. Radio Clube de Pará – Belém, 9354-0436 Dec 1, lively discussion program with several men talking in Portuguese with loud laughter note din background. Some music interludes and jingle ID at 0429. Good signal.
- 4930.0 BOTSWANA. Voice of America – Moepeng Hill, *0259-0320 Nov 18, Yankee Doodle IS followed by ID and English news with a male announcer at 0300 with emphasis on the Gaza situation. Poor to fair.
- 4985.0 BRAZIL. Radio Brasil Central, 2316-2348 Nov 17, program of pop vocals hosted by a man announcer with Portuguese talks, IDs, etc. Poor signal and never really improved as darkness set in.
- 4990.0 SURINAME. Radio Apintie (presumed), 0315-0425 Nov 18, light pop tunes with occasional talk by a man announcer but very low modulation while talking making it difficult to determine language or content of talk. Poor.
- 5910.0 COLOMBIA. Alcaraván Radio – Puerto Llera, 0356-0441 Nov 17, program of Colombian vocals hosted by a man announcer with Spanish talk and frequent IDs. Fair to good.
- 5970.0 BRAZIL. Radio Itatiaia – Belo Horizonte, 2214-2240 Nov 19, fast talking man announcer in Portuguese, ID, jingles followed by talk by several different people. Nice ID and frequency announcement at 2229. Poor to fair.
- 5995.0 AUSTRALIA. Radio Australia – Brandon, 0804-0813 Nov 14, woman announcer with news in English followed by ID at 0810 and features hosted by a male announcer. Poor.
- 6055.0 SPAIN. REE, 0039-0100* Dec 6, woman announcer in English with Mailbag program, Man announcer with close of reactivated English program with IOD and sign off announcements, IS with time pips prior to termination of xmsn carrier. Fair to good.
- 6075.0 VATICAN. Radio Vatican, 0803-0805* Nov 14, man talking in listed Arabic language followed by IS at 0804 ending transmission. Carrier cut at 0805. Poor.
- 6090.0 RUSSIA. Voice of Russia – Armavir, 2138-2159* Dec 14, man announcer with Portuguese talk, some announcements and operatic vocals. Nice ID and frequency announcement at 2158 followed by IS. Fair.
- 6165.0 IRAN. Voice of Islamic Republic of Iran, 2044-2127* Nov 18, talk by a woman announcer in listed Albanian language. ID at 2115 into new program segment. ID and s/off announcements at 2126. Fair.
- 7120.0 SOMALILAND. Radio Hargeisa, *0330-0347 Nov 21, musical anthem opening followed by a man announcer with program opening announcements. Into

- Qur'an recitations by another man. Poor to fair.
- 7260.0 PRIDNESTROVIE (Moldavian S.S.R.). Voice of Russia – Kishinev, *2300-2318 Nov 29, opening of Russian language broadcast with ID and a man announcer with news. Fair.
 - 7290.0 PRIDNESTROVIE (Moldavian S.S.R.). Radio PMR – Kishinev, *2230-2259* Nov 29, music followed by time pips and opening of the German language program. A man announcer with the news. Fair.
 - 9395.0 FRANCE. Radio Algerienne – Issoudun, 2116-2200* Dec 14, Arabic vocals with a man announcer with periodic Arabic language talks. ID and frequency announcements at 2155 followed by some music but a French language ID and frequency announcements at 2157 over soft vocals. Fair.
 - 9410.0 TURKEY. Voice of Turkey – Emirler, *0155-0218 Dec 8, IS with periodic IDs in Spanish ("Este es la voz de Turquía"), 5+1 time pips at 0100 followed by woman announcer with opening ID for Spanish program and a man announcer with news. Poor to fair.
 - 9445.0 INDIA. All India Radio – Bengaluru, 2154-2230* Nov 21, Indian music until ID and news in English with a woman announcer at 2200. Commentary at 2210. Program previews for the next day at 2226 followed by ID and closedown announcements. Fair.
 - 9450.0 BULGARIA. The Mighty KBC, 0107-0200* Dec 16, playing mainly oldies music (Simon and Garfunkel, Moody Blues, Kinks, etc.), several IDs, usual ads with male DJ hosting program in English. At 0129 mentioned a repeat of digital test from last week because reception was poor for last test. Kim Andrew Elliott with announcement about the digital test and then 50 seconds of digital transmission. Returned to standard musical format after the test. Fair to good signal at tune in but starting to deteriorate around 0130 and steadily deteriorating until sign off.
 - 9535.0 THAILAND. Radio Thailand, 2036-2048 Nov 17, man and woman announcers with news in English with ID and promo announcement at 2040. Dead air at 2044 until Thai program commenced at 2045. Poor.
 - 11690.0 SOUTH AFRICA. Radio Okapi – Meyerton, 0422-0459* Dec 13, woman announcer with news items in French, several IDs, jingle IDs and remote reports, ID and segment of instrumental music before carrier cut. Fair to good.
 - 11735.0 ZANZIBAR. Zanzibar Broadcasting Corporation - Dole, 2047-2108* Nov 18, man announcer with talk in Swahili hosting program of local vocals. Nice ID at 2058 with some announcements over instrumental music. A few English words at 2101 followed by music until carrier cut. Good.
 - 11750.0 GERMANY. Radio Farda – Biblis, 0841-0857 fade out, man talking in Farsi language, nice ID at 0850 with e-mail address followed by a remote report. Poor to fair but deteriorating rapidly.
 - 11815.0 BRAZIL. Radio Brasil Central, 0242-0320 Dec 13, pop music program hosted by a man with Portuguese talk, IDs and some jingles noted. 60 meter band signal missing tonight. Poor to fair.
 - 12070.0 ASCENSION ISLANDS. Radio Deutsche Welle, 0326-0400* Dec 13, Swahili language program with news features and frequent IDs. Fair.
 - 12105.0 CLANDESTINE (Zimbabwe). Radio Dialogue FM (presumed) via Talata-Volondry, 1626-1700* Dec 7, mix of talk with some singing noted. Transmission break at 1629 until at least 1634. Some laughter near top of the hour when man and woman were talking. Carrier cut at 1700. Poor.
 - 12105.0 USA. WTWW – Lebanon, TN, 1902-1911 Dec 7, caught English language ID announcement by a man announcer before resuming regular religious programming. Good signal.
 - 15205.0 SAUDI ARABIA. Broadcasting Service of the Kingdom of Saudi Arabia, 1607-1704 Dec 7, Quran recitations and some Arabic talk in Holy Quran program. Poor to fair.

Thanks a lot to our club members for your contributions:

- MF : Michael Frese, Osnabrueck, Germany. Grundig Yatchboy with telescopic aerial.
- PH : Paul Hayes, Limerick, Ireland. ICOM RC 75, Wellbrook 200p , Satellit 450, SONY ICF 7600GR with long wire.
- RAD : Richard A. D'Angelo, Wyomissing, PA, USA. Ten-Tec RX-340, Drake R-8B, Eton E1, Lowe HF-150 with Alpha Delta DX Sloper, Datong FL3.
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires.

Dear Friends,

Welcome to the final edition of Logbook for this year.

Thanks to our regular contributors for their loggings which kept this section going.

Although the importance of radio seem to be ebbing out, natural disasters reminds us that this medium is necessary for life saving. As an example the recent Superstorm Sandy destroyed electric power supply rendering modern devices like internet and cellphone unusable in many communities. But the battery /hand crank powered radio kept them in touch with the outer world.

On that note I wish to wish all our members a very Merry Christmas and a Happy New Year 2013.

Till next time,

Ashok Kumar Bose

SWL / Media Programs in English, German & Spanish

Oct. 28th, 2012 - March 30th, 2013 – V3 As of Dec. 3rd, 2012

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E-Mail: <mail@wwdxc.de>

URL: <http://www.wwdxc.de>

DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2nd Figures behind language symbols En, Ge or Sp, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission. d = DRM – digital mode

Monday

0000 RRI Bucharest, Sp – 7315 9525 13590 15110
 0014 RHC Habana, E – 5040 Banda Tropical
 0100 WHRI, E, DXwCumbre – 7385 irreg.
 0110 RHC Habana, E – 6000 6165
 0135 REE Madrid, Sp, Amigos de la O.C. –
 6055 6120 9535 9620 9630drm 9765 LatAM
 0135 RHC Habana, Sp, En Contacto –
 6060 6120 9810 11680 11760 11840
 15230 17705 LatAM
 0145 WRMI, Sp, Viva Miami – 9955
 0200 WHRI, E, DXwCumbre – 5920 irreg.
 0210 RHC Habana, E – 6000 6165
 0250 BBCWS "Over to You": Online,
 198LW UK DAB etc.
 0300 RRI Bucharest, Sp – 9765 11825 11850 13630
 0310 RHC Habana, E – 6000 6165
 0400 WHRI, E, DXwCumbre – 7520
 0400 WBCQ, E, World of Radio – 5110cusb
 0400 WRMI, Sp, Historias de Radio – 9955
 0410 RHC Habana, E – 6000 6165
 0430 WBCQ, E, World of Radio – 5110cusb
 0430 WHRI, E, DXwCumbre – 7520
 0430 WRMI, Sp, Frecuencia al Dia – 9955
 0510 RHC Habana, E – 6010 6060 6125 6165
 0530 WRMI, E, World of Radio – 9955
 0530 HCJB Quito, G – 3995 Weenermoor EUR
 0610 RHC Habana, E – 5040 6010 6060 6125 6165
 0730 HCJB Quito, G – 3995 Weenermoor EUR
 0730 Radio NZL Internat., E, biweekly –
 11725 11675drm PAC

1030 AIR Delhi, E, "Faithfully Yours" 1053 7270
 13605 13695 15030 15410 17510 17895
 1130 Radio NZL Internat., E, biweekly –
 9870drm 17675 PAC
 1200 WRMI, E, AWR Wavescan – 9955
 1230 Radio Australia, E, Media Report –
 6020 6080 6140sng 9475 9680 11945
 1230 WRMI, Sp, Viva Miami – 9955
 1245 WWCR Nashville, E, Australian DX report – 15825
 1330 Radio NZL Internat., E, biweekly – 5950 PAC
 1415 WRMI, Sp, Viva Miami – 9955
 1425 AIR Delhi, E, "Faithfully Yours" 9690 11620 13710
 1500 Voice of Russia Moscow, G –
 558 630 693 1323 1431 7220sam
 1530 Radio Australia, E, Media Report –
 5940 5995 7240 9475 11660 11880
 1600 HCJB Quito, G – 3995 Weenermoor EUR
 1600 WRMI, E, AWR Wavescan – 9955
 1630 WRMI, E, World of Radio – 9955
 1630 Radio NZL Internat., E, biweekly –
 9765 9890drm PAC
 1630 Amateur Radio Mirror, Channel Africa, E –
 4895 7082usb
 1800 Radio Belarus Minsk, G – 1170 6155 11730
 1830 AIR Delhi, E, "Faithfully Yours" 7410 7550
 9950drm 11580 11670 11935 13695 17670
 1900 Radio Belarus Minsk, G – 1170 6155 11730
 1910 AIR Delhi, E, "Faithfully Yours" 7550 9445
 9950drm 11580 11670 11935 13695 17670
 1930 Radio Australia, E, Media Report –
 6080 9500 9580 9710 11660 11880
 1930 HCJB Quito, G – 3995 Weenermoor EUR
 2100 HCJB Quito, G – 3995 Weenermoor EUR
 2120 AIR Delhi, E, "Faithfully Yours"
 7550 9445 9910 9950drm 11620 11670 11740
 2130 RAE Buenos Aires, G – 9690 15345
 2215 WWCR Nashville, Sp, Frecuencia al Dia – 6875
 2215 AIR Delhi, E, "Faithfully Yours"
 7550 9445 9910 9950drm 11620 11670 11740
 2300 HCJB Quito, G – 9835 SoAM
 2330 AIR Delhi, E, "Faithfully Yours"
 6055 9690 9705 11645drm 11710 13605

Tuesday

0115 WRMI, Sp, Viva Miami – 9955
 0230 WRMI, Sp, Frecuencia al Dia – 9955
 0330 Radio NZL Internat., E, biweekly –
 15720 17675[18910]drm PAC

0400 WRMI, Sp, Historias de Radio – 9955
 0430 WRMI, E, AWR Wavescan – 9955
 0430 WHRI, E, DXwCumbre – 7520
 0700 Radio Belarus Minsk, G – 6005 Kall relay
 0800 Radio Belarus Minsk, G – 6005 Kall relay
 1030 HLR via Kall-Germany, E, World of Radio – 6190
 1200 WRMI, E, World of Radio – 9955
 1445 WRMI, Sp, Viva Miami – 9955
 1600 Voice of Russia Moscow, G DX-Klub –
 558 630 693 1323 1431 7220sam
 1600 WRMI, E, AWR Wavescan – 9955
 1630 WRMI, E, World of Radio – 9955
 1932 BBCWS "Click": Online UK DAB etc.
 2000 RRI Bucharest, Sp – 6010 9895
 2035 RHC Habana, E – 11760 No/Ce/SoAM
 2130 RAE Buenos Aires, G – 9690 15345
 2200 WBCQ, E, Trailer Trash Radio – 7490
 2200 RRI Bucharest, Sp – 13860 15160
 2230 WBCQ, E, Frecuencia al Dia – 7490
 2250 RAE Buenos Aires, Sp,
 Suplemento de Actualidad DX –
 6060 15345

Wednesday

0000 WBCQ, E, Allan Weiner Worldwide – 7490
 0000 RRI Bucharest, Sp – 7315 9525 13590 15110
 0032 BBCWS "Over to You": Online, UK DAB etc.
 0035 RHC Habana, E – 5040 Banda Tropical
 0100 WRMI, E, AWR Wavescan – 9955
 0130 RHC Habana, E – 6000 6165 USA/CAN
 0230 RHC Habana, E – 6000 6165 USA/CAN
 0300 RRI Bucharest, Sp – 9765 11825 11850 13630
 0330 RHC Habana, E – 6000 6165 USA/CAN
 0400 WRMI, Sp, La Rosa de Tokio – 9955
 0430 WHRI, E, DXwCumbre – 7520
 0430 RHC Habana, E – 6000 6165 USA/CAN
 0432 BBCWS "Click": Online, UK DAB etc.
 0530 RHC Habana, E – 6010 6165 6060
 6125 USA/CAN
 0630 RHC Habana, E – 5040 6010 6060 6125
 6165 USA/CAN
 1132 BBCWS "Click": Online, UK DAB etc.
 1200 WRMI, E, AWR Wavescan – 9955
 1345 Voice of Turkey, E, Letterbox – 12035
 1400 WRMI, Sp, Viva Miami – 9955
 1630 BBC R4, The Media Show, E –
 LW 198, MW, FM, DAB, STL,
 Livestream online
 1700 Voice of Russia Moscow, G –

630 1323 1431 7310sam
 1745 Voice of Turkey, E, Letterbox – 11730
 1825 RAE Buenos Aires, E, Dxers Special –
 9690 15345
 1920 Polskie Radio, E, Multitouch –
 WRN STL EUR. WRN1
 1930 Radio Australia, E, Future Tense technology –
 6080 9500 9580 9710 11660 11880
 1945 Voice of Turkey, E, Letterbox – 6050
 2145 Voice of Turkey, E, Letterbox – 9610
 2155 Polskie Radio, E, Multitouch – STL
 2315 Voice of Turkey, E, Letterbox – 5960

Thursday

0000 WBCQ, E, Allan Weiner Worldwide – 7490
 0020 Polskie Radio, E, Multitouch –
 WRN STL EUR. WRN1
 0225 RAE Buenos Aires, E, Dxers Special – 11710
 0330 WHRI, E, DXwCumbre – 7520
 0400 WRMI, E, AWR Wavescan – 9955
 0415 Voice of Turkey, E, Letterbox – 7240 9655
 0430 WRMI, E, World of Radio – 9955
 0730 CRI Beijing, Sp, DX – 15135kas
 1200 WRMI, Sp, Frecuencia al Dia – 9955
 1323 Polskie Radio, E, Multitouch – STL
 1415 WRMI, Sp, Viva Miami – 9955
 1430 WRMI, E, AWR Wavescan – 9955
 1530 Radio Australia, E, Future Tense technology –
 5940 5995 7240 9475 11660 11880
 1600 WRMI, E, World of Radio – 9955
 1600 Voice of Russia Moscow, G DX-Klub –
 558 630 693 1323 1431 7220sam
 1800 Radio 700 Medienmagazin, G **1st / 3rd** –
 FM, livestream
 1930 Radio Australia, E, Future Tense technology –
 6080 9500 9580 9710 11660 11880
 2200 WTWW, E, World of Radio – 9479 first airing
 2230 WBCQ, E, DX, World of Radio – 7490

Friday

0000 WBCQ, E, Allan Weiner Worldwide – 7490
 0415 WRMI, E, AWR Wavescan – 9955
 0429 WWRB, E, World of Radio – 3195 [5050]
 0430 WHRI, E, DXwCumbre – 7520
 0445 WRMI, Sp, Viva Miami – 9955
 0455 Polskie Radio, E, Multitouch – STL
 0755 Polskie Radio, E, Multitouch – STL
 1200 WRMI, Sp, Historias de Radio – 9955

1430 WRMI, Sp, Frecuencia al Dia – 9955
 1630 WRMI, E, AWR Wavescan – 9955
 1630 BBC R4, Feedback, E –
 LW 198, MW, FM, UK DAB, STL, Livestream online
 1825 RAE Buenos Aires, E, Dx Supplement –
 9690 15345
 2035 Radio NZL Internat., E, biweekly –
 17675 15720drm PAC
 2040 R Taiwan Int, G, ADDX DX px, **2nd** – 3955skn
 2130 RAE Buenos Aires, G – 9690 15345
 2140 R Taiwan Int, G, ADDX DX px, **2nd** – 3965iss
 2215 WWCR Nashville, Sp, Frecuencia al Dia – 6875
 2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX –
 6060 15345

Saturday

0100 WRMI, Sp, Viva Miami – 9955
 0200 WRMI, E, – Media Network Plus, PCJ Radio 9955
 0225 RAE Buenos Aires, E, Dx Supplement – 11711
 0230 WBCQ, E, Allan Weiner Worldwide, Area 51,
 World of Radio – 5110cusb
 0400 WRMI, E, AWR Wavescan – 9955
 0430 WHRI, E, DXwCumbre – 7520
 0510 NHK R Japan Tokyo, Media Watch, E – **3rd** or **4th** Sat
 9770iss 11740guf 17660uae
 0530 HCJB Quito, G – 3995 Weenermoor EUR
 0605 REE Madrid, Sp, Amigos de la O.C. –
 9780drm 12035 EUR 11895 ME
 3350 5965 6055 9675 LatAM
 0630 HLR via Goehren-Germany, E, World of Radio – 7265
 0700 WRMI, Port, Encontro DX – 9955
 0705 WWCR Nashville, E, Into Tomorrow – 4840
 0730 HCJB Quito, G – 3995 Weenermoor EUR
 0800 WRMI, Sp, Frecuencia al Dia – 9955
 0810 KBS World Radio Seoul, E – 9570 AS
 0830 WRMI, E, AWR Wavescan – 9955
 0900 WRMI, E, World of Radio – 9955
 0932 BBCWS "Over to You": Online, UK DAB etc.
 1000 WRN EUR, E, World of Radio
 1010 NHK R Japan Tokyo, Media Watch, E – **3rd** or **4th** Sat
 9625 11740sng
 1110 KBS World Radio, Sp, Antena de la Amistad – 11795
 1200 WRMI, E, AWR Wavescan – 9955
 1210 NHK R Japan Tokyo, Media Watch, E – **3rd** or **4th** Sat
 11740sng 15190guf
 1240 KBS World Radio Seoul, E – 6095 AS
 1245 Voice of Turkey, G, fortnightly – 17755
 1310 NHK R Japan Tokyo, Media Watch, E –
3rd or **4th** Sat, 11730uzb
 1310 KBS World Radio Seoul, E – 9570 15575 AS / AM
 1327 RRI Bucharest, G – 9810 11700

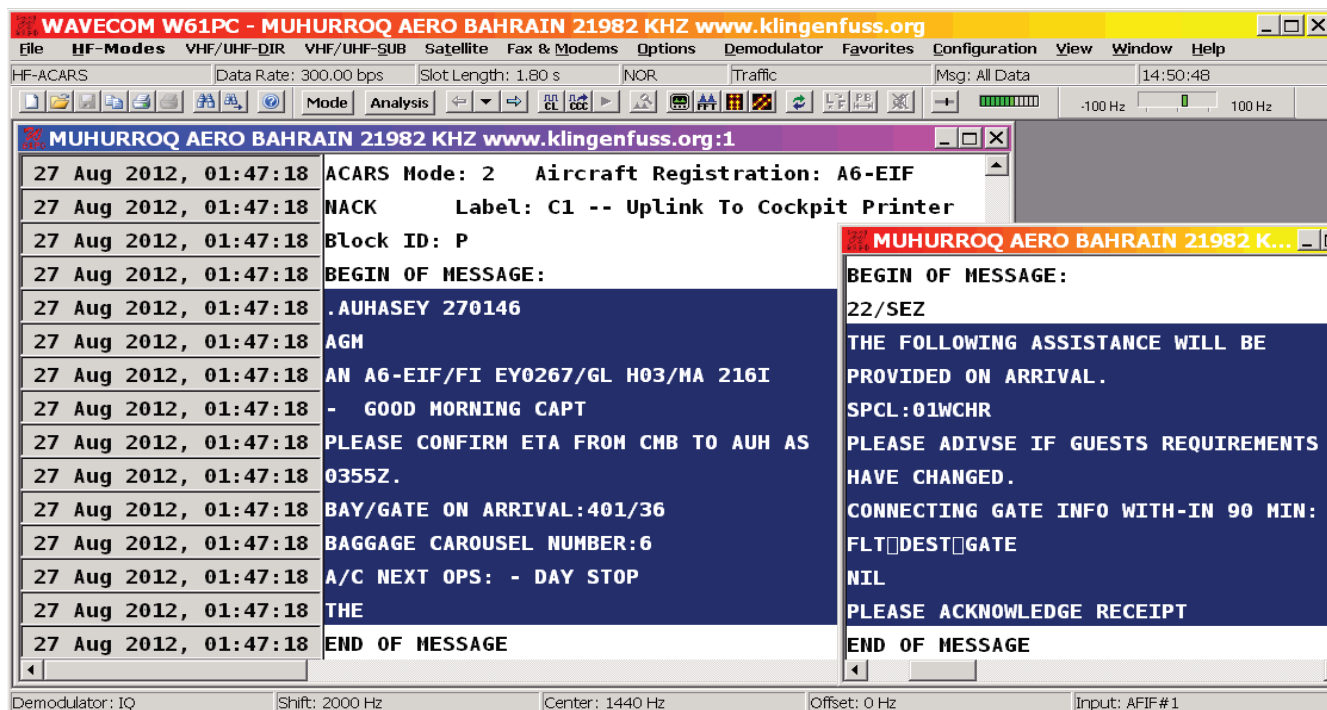
1345 Voice of Turkey, E, fortnightly – 12035
 1405 WDR5 Cologne, Medienmagazin, G – FM, STL, DAB-S
 1410 NHK R Japan Tokyo, Media Watch, E – **3rd** or **4th** Sat
 11695uzb 11925pal
 1410 KBS World Radio Seoul, E – 9640 AS
 1500 WRN AF/AS Af/ME/As/Pac Afristar Asiastar, E, –
 Media Network Plus, PCJ Radio
 1500 WRMI, Sp, Historias de Radio – 9955
 1545 HCJB Quito, Sp, Aventura Diexista – 690 6050
 1600 WRMI, E, World of Radio – 9955
 1600 HCJB Quito, G – 3995 Weenermoor EUR
 1604 SR2 Saarebruck, Medienwelt, G –
 FM, STL Astra ADR, DAB-S
 1605 DeutschlandFunk Cologne, G, Media Magazine
 1610 KBS World Radio Seoul, E – 9515 9640 AS
 1630 HLR via Goehren-Germany, E, World of Radio –
 6190 [7265]
 1645 WRMI, Sp, Viva Miami – 9955
 1700 WWCR Nashville, E, Electronic DX Press – 12160
 1700 Voice of Russia Moscow, G –
 630 1323 1431 7310sam
 1715 WWCR Nashville, E, Ask WWCR – 12160
 1730 WWCR Nashville, E, AWR Wavescan – 12160
 1730 Voice of Turkey, Sp – 9495
 1745 Voice of Turkey, E, fortnightly – 11730
 1800 Radio Belarus Minsk, G – 1170 6155 11730
 1810 NHK R Japan Tokyo, Media Watch, E – **3rd** or **4th** Sat
 15720mdg
 1810 KBS World Radio Seoul, E – 7275 AS
 1830 WRN NoAM, E, World of Radio
 1830 Voice of Turkey, G, fortnightly – 7205
 1830 WHRI, E, DXwCumbre – 21630-irreg.
 1900 WBCQ, E, QSO Radio Show Ted Randall – 7490
 1900 WTWW, E, QSO Radio Show Ted Randall – 9479
 1900 Radio Belarus Minsk, G – 1170 6155 11730
 1911 RRI Bucharest, G – 6010 9805drm
 1930 HCJB Quito, G – 3995 Weenermoor EUR
 1930 T8WH Palau, E, DXwCumbre – 9930-irreg.
 1945 Voice of Turkey, E, fortnightly – 6050
 2100 WRMI, E, AWR Wavescan – 9955
 2145 Voice of Turkey, E, fortnightly – 9610
 2151 KBS World Radio Seoul, G – 3955skn EUR
 2200 WRMI, E, – Media Network Plus, PCJ Radio 9955
 2200 HCJB Quito, G – 3995 Weenermoor EUR
 2210 KBS World Radio Seoul, E – 3955skn EUR
 2215 REE Madrid, E, Radio Waves – 6125-irreg. EUR / AF
 2230 WRN NoAM stream, E, RRI Bucharest, DX Mailbag
 2315 Voice of Turkey, E, fortnightly – 5960
 2330 WRMI, E, AWR Wavescan – 9955

2330 REE Madrid, Sp, Amigos de la O.C. –
6125 9535 9620 LatAM

Sunday

0000 Radio 700 Medienmagazin, G **1st / 3rd** – livestream
0000 WBCQ, E, Radio Timtron Worldwide – 7490
0015 REE Madrid, E, Radio Waves – 6055
0015 WRMI, Sp, Viva Miami – 9955
0030 RHC Habana, E – 5040 Banda Tropical
0030 REE Madrid, Sp, Amigos de la O.C. –
6125 9535 9620 9630drn 11815drn 15160
0100 WBCQ, E, Radio Timtron Worldwide / QSO – 7490
0110 KBS World Radio, Sp, Antena de la Amistad –
11810 11635guf
0130 RHC Habana, E – 6000 6165 USA/CAN
0200 WHRI, E, DXwCumbre – 5920
0200 Voice of Turkey, Sp – 9410 9650
0210 KBS World Radio Seoul, E – 9580 9690 AS
0210 KBS World Radio, Sp, Antena de la Amistad – 15575
0245 WRMI, Sp, Viva Miami – 9955
0250 BBCWS "Over to You": Online, 198LW DAB
0300 WTWW, E, World of Radio – 5085
0330 RHC Habana, E – 6000 6165 USA/CAN
0400 WRMI, Port, Encontro DX – 9955
0400 WHRI, E, DXwCumbre – 7520
0415 Voice of Turkey, E, fortnightly – 7240 9655
0430 WHRI, E, DXwCumbre – 7520
0500 WTWW, E, World of Radio – 5830
0500 WRMI, E, AWR Wavescan – 9955
0500 WHRI, E, DXwCumbre – 7520
0510 NHK R Japan Tokyo, Friends Around the World, E –
9770iss 11740guf 17660uae
0530 RHC Habana, E –
6010 6060 6125 6165 USA/CAN
0530 WRMI, It, Studio DX – 9955
0532 BBCWS "Click": Online, UK DAB
0547 WTWW, E, World of Radio – experimental 5085
0600 WRMI, E, AWR Wavescan – 9955
0600 WWCR Nashville, E, Into Tomorrow – 4840
0610 KBS World Radio, Sp, Antena de la Amistad – 6045wof
0700 WWCR Nashville, E, Into Tomorrow – 4840
0700 WRMI, Sp, Historias de Radio – 9955
0700 Radio Belarus Minsk, G – 6005 Kall relay
0730 WHRI, E, DXwCumbre – 11565-irreg.
0730 WRMI, Sp, Frecuencia al Dia – 9955
0800 WRMI, Sp, La Rosa de Tokio – 9955
0800 Radio Belarus Minsk, G – 6005 Kall relay
0800 Amateur Radio Mirror, Channel Africa, E –
7082usb 7205 17760
0900 WRMI, E, World of Radio – 9955
1000 WRN EUR, E, – Media Network Plus, PCJ Radio
1000 Radio 700 Medienmagazin, G **1st / 3rd** –
6005, FM, livestream
1000 WHRI, E, DXwCumbre – 7385-irreg.
1010 NHK R Japan Tokyo, Friends Around the World, E –
9625 11740sng
1045 WWCR Nashville, E, Ask WWCR – 4840
1045 WRMI, Sp, Viva Miami – 9955
1050 BBCWS "Over to You": Online, UK DAB
1210 NHK R Japan Tokyo, Friends Around the World, E –
11740sng 15190guf
1215 WRMI, Sp, Viva Miami – 9955
1230 WHRI, E, DXwCumbre – 7385-irreg.
1232 BBCWS "Click": Online, UK DAB
1305 BR5 Munich, Medienmagazin, G –
FM, STL Astra, DAB-S, Livestream
1310 NHK R Japan Tokyo, Friends Around the World, E –
11730uzb
1330 WHRI, E, DXwCumbre – 9840-irreg.
1410 NHK R Japan Tokyo, Friends Around the World, E –
11695uzb 11925pal
1435 RHC Habana, Sp, En Contacto –
9540 11690 11750 11760 11860 13780
15230 15340 17580 17730 LatAM
1500 WRN AF/AS/PAC stream, E, World of Radio
1500 WRMI, E, AWR Wavescan – 9955
1530 AWR Wavescan Asia, E, CHN/IND – 15255trm/wer
1600 AWR Wavescan Asia, E, AS/IND – 15215 15660
1630 WRMI, E, World of Radio – 9955
1630 AWR Wavescan Asia, E, AS/IND – 15660
1810 NHK R Japan Tokyo, Friends Around the World, E –
15720mdg
1830 WRN NoAM Sirius, E, – Media Network Plus, PCJ Radio
1900 Radio Cairo, G, Letterbox – 11560
1905 Polskie Radio, E, Multitouch –
WRN STL EUR. WRN1
1930 T8WH Palau DXwCumbre – 9930-irreg.
2000 RRI Bucharest, Sp – 6010 9895
2000 WBCQ, E, Trailer Trash Radio – 7490
2002 BBC R4, Feedback, E – LW 198, MW, FM, DAB,
STL, Livestream online
2014 RHC Habana, E – 11760 No/Ce/SoAM
2035 BR5 Munich, Medienmagazin, G –
FM, STL Astra, DAB-S, Livestream
2100 WBCQ, E, This week in Amateur Radio Internat – 7490
2130 WHRI, E, DXwCumbre – 9490
2200 RRI Bucharest, Sp – 13860 15160
2230 AWR Wavescan Asia, E, INS/PAC/AS – 15320
2242 RHC Habana, Sp, En Contacto – 11770 Europa
5040 9710 9810 11840 15340 17705 LatAM
2245 HCJB Quito, Sp, Aventura Diexista – 690 6050
2250 BBCWS, "Over to You", E – Online, UK DAB

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