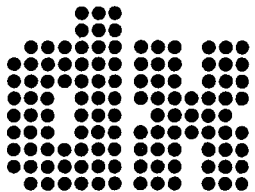


12 - 2013 € 1,30

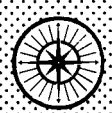
BBC ORTF
ADIO MOSKOU
NDR RAI TVR



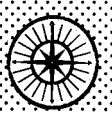
ISSN 0175-6877



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

WORLD RADIO TV HANDBOOK 2014

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DX MAGAZINE No. 12

Vol. XLVIII

December 2013

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2013. 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 11/2013) **Klingenfuss Publications** have published their four new products for 2014 already on December 4th:

- 2014 Super Frequency List on CD
- 2014 Shortwave Frequency Guide
- 2014 Frequency Database for the Perseus LF-HF Software-Defined Receiver
- Supplement January 2014 to the 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 **A.I.R. Contest 2014 "Attilio Leoni"**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 2nd to 8th, 2014. For full information, please write to: Bruno Pecolatto, AIR Contest Manager, Fermo Posta, I-10080 Ronco Canavese (TO), Italy, E-mail: <bpecolatto@libero.it>.

Finally, let me wish you a Merry Christmas and a very Happy New Year 2014

NEWS ABOUT BROADCASTING (+other) STATIONS

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

Shortwave Reception in Central Europe December 2013 to January 2014

With sunspots more than 100 you can try Brazil in the 31 and 25 m band past 21 h. Brazilians in the Tropical Bands will be rare, chances perhaps for the Northern Brazilian stations. Google Maps shows the Greyline between Portugal und Azores.

We will have a fine signal for R Rebelde 5025 kHz (s/on 0700) these months. Due to storms and antenna crashes it has to share the antenna with RHC on 5040, therefore only one of the stations is on air. The path is via Atlantic Ocean, mostly in the dark, thus reception is possible up to or past 0900 UTC. WWCR 2 on 4840 may be heard after midnight or even earlier, up to 0900, too. Lookout for weaker 4830 WTWW, WWV 5000, WWCR 5935, also R Marti 5980 (mostly heavily jammed) and 6030 (also with jammer). Also not to forget RHC with at least 3 QRGs in the 49 m band and HCJB Ecuador on 6050 around 0500. Weak is also R Educacion 6185 from Mexico around 2 UTC.

Around or past 13 UTC you have chances in the 49 m band for East Asian stations, better in Northern Germany and best in Scandinavia. Try 6095 NHK (Mo-Fr), 6025 Lhasa (//4905), 6050 Lhasa, 6130 Laos (partially blocked by CRI), 6180 Lingshi (CNR1 / CNR 8 China), 6190 NHK with CRI atop or below. Perhaps Bhutan 6035 manages to fit their transmitter meanwhile ...

Very often you can listen to 7295 R Traxx from Malaysia, not so often Vo Malaysia on 9835 in the afternoon. Don't miss the wonderful RNZI programmes morning to late afternoon. 7260 New Caledonia has not yet been reported this year.

You see: Although international broadcasters are cutting transmission hours drastically there are already so many interesting radio stations to listen to ... and there are also many utility stations ... and now the monthly news:

ANDAMAN & NICOBAR ISLANDS - AIR Port Blair, 4760, Emergency Broadcast. AIR Port Blair was noted last night continuously on 4760 with emergency broadcast in view of Cyclone Lehar passing through the area early in the morning. At 2.30 am IST (2000 UT) there was station ID and detailed weather report in Hindi. This was preceded and followed by Hindi songs.

(Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, Nov 25, dx_india yg via DXLD)

ARMENIA / UZBEKISTAN - BABCOCK changes - Additional frequencies of BBC:

0000-0100 5890 TAC 100 kW 131 deg to SoAS English WS from Dec 2

0200-0300 7505 ERV 300 kW 100 deg to SoAS English WS from Dec 3

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 4)

Not yet checked if only special occasion broadcast for Mandelas death. (we)

ASCENSION ISL / SEYCHELLES / UAE / U.K. - BBC changes:

0400-0800 15420vDHA 250 kW 225 deg to CEAF English, exSEY

0800-1100 17640 SEY 250 kW 280 deg to CEAF English, additional

0800-1700 15400#ASC 250 kW 027 deg to WAF English, additional

0800-1600 17830 ASC 250 kW 085 deg to CAF English, additional

1100-1130 17640vDHA 250 kW 215 deg to EAF English, additional

1130-1400 21470 SEY 250 kW 270 deg to CEAF English, additional

1130-1230 17745 SEY 250 kW 285 deg to EAF Somali Sa, cancelled

1130-1500 21470 DHA 250 kW 205 deg to EAF Somali Sa, cancelled

1130-1500 15595 SEY 250 kW 295 deg to EAF Somali Sa, cancelled

1230-1500 21630 ASC 250 kW 065 deg to WAF Hausa Sa, cancelled

1400-1500 15420 WOF 250 kW 120 deg to EAF Somali, exSEY

1500-2000 12095 WOF 300 kW 140 deg to CEAF English, exSEY

2000-2100 15420 SEY 250 kW 270 deg to CEAF English, additional

2100-2200 11810 ASC 250 kW 065 deg to WCAF English Daily, exMo-Fr

2100-2200 12095 ASC 250 kW 027 deg to WAF English Daily, exMo-Fr

2200-2400 12095 ASC 250 kW 027 deg to WAF English, additional

2200-2400 12095 ASC 250 kW 065 deg to WCAF English, additional

strong co-ch HCJB Australia in Chinese/English/Japanese

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 13)

AUSTRALIA / PALAU / SINGAPORE / UAE - B-13 shortwave schedule of Radio Australia:

UTC	FREQ.	LOC	POW	AZI	TO	LANGUAGE
0000-0030	9660	BRN	010	010	NPac	English
0000-0030	12005	SNG	250	340	SEAs	Burmese
0000-0030	12080	BRN	010	080	EPac	English
0000-0030	15240	SHP	100	030	NPac	English
0000-0030	15415	SHP	100	355	EAs	English
0000-0030	17750	SHP	100	329	SEAs	English
0000-0030	17795	SHP	100	050	EPac	English
0000-0030	19000	SHP	100	065	EPac	English
0000-0030	21740	SHP	100	070	EPac	English
0030-0100	9660	BRN	010	010	NPac	English
0030-0100	12080	BRN	010	080	EPac	English
0030-0100	15240	SHP	100	030	NPac	English
0030-0100	15415	SHP	100	355	EAs	English
0030-0100	17750	SHP	100	329	SEAs	English
0030-0100	17795	SHP	100	050	EPac	English
0030-0100	19000	SHP	100	065	EPac	English
0030-0100	21740	SHP	100	070	EPac	English
0100-0130	9660	BRN	010	010	NPac	English
0100-0130	11780	SNG	100	340	SEAs	Burmese
0100-0130	12080	BRN	010	080	EPac	English
0100-0130	15160	SHP	100	065	EPac	English
0100-0130	15240	SHP	100	030	NPac	English
0100-0130	15415	SHP	100	355	EAs	English
0100-0130	17750	SHP	100	329	SEAs	English
0100-0130	17795	SHP	100	050	EPac	English
0100-0130	19000	SHP	100	070	EPac	English
0130-0200	9660	BRN	010	010	NPac	English
0130-0200	12080	BRN	010	080	EPac	English
0130-0200	15160	SHP	100	065	EPac	English
0130-0200	15240	SHP	100	030	NPac	English
0130-0200	15415	SHP	100	355	EAs	English
0130-0200	17750	SHP	100	329	SEAs	English
0130-0200	17795	SHP	100	050	EPac	English
0130-0200	19000	SHP	100	070	EPac	English
0200-0300	9660	BRN	010	010	NPac	English

BHUTAN - BBS Thimpu back on 6035 kHz. On November 20th, I heard Bhutan Broadcasting Service (BBS) in English on 6035 kHz from 0847 UT onwards with good reception with slight noise & hum. I was surprised when I heard BBS in English on 6035 kHz after a long break and I thought that BBS might have discontinued shortwave transmission and there is no possibility of resumption of its shortwave analog transmission in future.

Anyway, let me monitor in coming days whether it is a regular comeback or something else. The English Transmission on air well beyond 1000 UT (1028 UT infact my last checked time). In the transmission there was discussion on "Salt Business", then some announcements etc, English Songs aired, Listeners Calls with music requests & dedications & music mostly English Songs aired etc etc as per my monitoring.

... However Nov 21st around 0603 UT I heard BBS Nepali Service with songs in Nepali at 0603 UT. And on same afternoon (i.e. Nov 21st) I heard BBS-English Programs with Listeners calling show, music requests etc. during afternoon during 0830-0950 UT. (Gautam Sharma-IND, dxld Nov 20/21/22)

6035 kHz Thomcast tx was silent since 1st week Febr 2013. wb.

BRAZIL - 3364.9, R. Cultura, Araraquara SP, 2248-2256, 01/12, canções; 35331.

4775, R. Congonhas, Congonhas MG, 2231-2243, 28/11, anúncios; 24322. QRM do PRU.

4785, R. Caiari, Pt.º Velho RO, 2241-2248, 01/12, anúncios informativos e comerciais, notícias de futebol; 35332.

4845, R. Cultura Ondas Tropicais, Manaus AM, 2235-2246, 28/11, canções; áudio com qualidade linha telefónica; 44332, QRM de CODAR.

4875.1, R. Dif.ª de Roraima, Boa Vista RR, 2232-2246, 01/12, propaganda religiosa; 44433, QRM de CODAR.

4905, Nova R. Relógio, Rio de Jan.º RJ, 2244-...., 01/12, texto; 23431, QRM da CHINA.

4965, R. Alvorada, Parintins AM, 2216-2229, 30/11, texto, aparentemente, propaganda religiosa; 24331, QRM de emissora ponto a ponto.

5035.03, R. Educação Rural, Coari AM, 2242-2254, 28/11, retransmissão da R. Aparecida, propaganda religiosa; 34331, atraso no áudio relativo à R. Aparecida.

[?? Not separate stations??? R. Aparecida is listed with its own transmitter on 5035 in Aparecida, but as irregular in WRTM 2013. This could be quite confusing if the same frequency bears both it and a station relaying it. He says there was an audio delay compared to R. Aparecida, meaning on the same frequency or compared to some other frequency?? --- gh]

5939.93, R. Voz Missionária, Camboriú SC, 2221-2233, 01/12, retransmissão de cerimónia pública relacionada com a igreja afecta à emissora, discurso de representante militar; 44423.

5970, R. Itatiaia, Belo Horizonte MG, 2215-2226, 01/12, relato de jogo de futebol Baía x (?), profusão de comentários; 35422.

6000, R. Guaíba, Pt.º Alegre RS, 2210-2216, 01/12, relato de jogo de futebol; 23441.

6010.07, R. Inconfidência, Belo Horizonte MG, 2209-2224, 30/11, relato de jogo de futebol Fluminense x (?); // 15189,9; 34432.

6090, R. Bandeirantes, São Paulo SP, 2206-2217, 01/12, relato de jogo de futebol; 23431; // 9645,4, 11925,2; 23431, QRM de AIA.

9565.1, SRDA, Curitiba PR, 1923-1934, 01/12, propaganda religiosa, com frases sendo traduzidas para inglês; 33432, QRM adjacente 9560.

9629.8, R. Aparecida, Aparecida SP, 1922-1944, 01/12, canções, anúncios comerciais e dedicatórias, tudo na rubrica que julgo ser a do Cantinho Sertanejo; 35433.

9645.4, R. Bandeirantes, São Paulo SP, 2205-2220, 01/12, relato de jogo de futebo; 33442, QRM adjacente da R. Internacional da China, em 9640.

9665.6, R. Voz Missionária, Camboriú SC, 1934-1950, 29/11, anúncios de programação, ID e anúncio das freqs., canções; 33442, QRM da Espanha, na mesma frequência.

9819, R. 9 de Julho, São Paulo SP, 1925-1900, 01/12, anúncio da freq. OM (1600), rúbrica musical; 35433.

11764.8, SRDA, Curitiba PR, 1927-1940, 01/12, cf. 9565.1; 45544.

11764.8, idem, 1305-1326, 02/12, D. Miranda vociferando propaganda religiosa; 23431, QRM adj.

11815, R. Brasil Central, Goiânia GO, 1930-1950, 01/12, canções; 44533, QRM adj. da ARS [Saudi Arabia] 11820.

11855, R. Aparecida, Aparecida SP, 1932-1952, 01/12, cf. 9629.8; 45544

11894.9, R. Boa Vontade, Pt.º Alegre RS, 1934-1945, 01/12, propaganda religiosa; 23531, QRM adj. 11890.

11915, R. Gaúcha, Pt.º Alegre RS, 1925-1945, 29/11, revista de notícias Chamada Geral - 2.ª Edição; noticiário desportivo, às 1931; 34442.

11925.2, R. Bandeirantes, São Paulo SP, 1920-1940, 29/11, rúbrica noticiosa Jornal em Três Tempos, anúncios comerciais; 24442, QRM adj (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

CHINA [TIBET] - PBS Xizang, Lhasa.(English program "Holy Tibet") <tibetradio@tibetradio.cn> Fade- in 60m and little bit later on 49 m around 13 h UTC in Northern Germany (depends also on sunspots), valid until early February 2014. Mostly music of modern Chinese style, announcements mostly :55 to :05. (we)

4820	2000-1800	42SE, 43SW	100	0	925	Chinese	CHN	CNR	RTC
4905	2050-1805	42SE, 43SW	100	0	925	Tibetan	CHN	CNR	RTC
4920	2050-1805	42SE, 43SW	100	0	925	Tibetan	CHN	CNR	RTC
5240	2050-1805	42SE	100	268	146	Tibetan	CHN	CNR	RTC
5935	2000-1800	43SW	100	85	141	Chinese	CHN	CNR	RTC
6025	2050-1805	42SE	50	ndir	925	Tibetan	CHN	CNR	RTC
6050	2000-1800	42SE, 43SW	100	290	205	Chinese	CHN	CNR	RTC
6110	2050-1805	42SE	100	220	140	Tibetan	CHN	CNR	RTC
6130	2050-1805	42SE	100	290	205	Tibetan	CHN	CNR	RTC
6200	2050-1805	43SW	100	85	141	Tibetan	CHN	CNR	RTC
7240	0900-1800	42SE	100	290	206	Chinese	CHN	CNR	RTC
7240	2000-0300	42SE	100	290	206	Chinese	CHN	CNR	RTC
7255	1000-1805	43SW	100	85	141	Tibetan	CHN	CNR	RTC
7255	2050-0200	43SW	100	85	141	Tibetan	CHN	CNR	RTC
7385	0930-1805	42SE	100	290	206	Tibetan	CHN	CNR	RTC
7385	2050-0200	42SE	100	290	206	Tibetan	CHN	CNR	RTC
7450	0900-1800	43SW	100	85	141	Chinese	CHN	CNR	RTC
7450	2000-0300	43SW	100	85	141	Chinese	CHN	CNR	RTC
9490	0200-1000	43SW	100	85	141	Tibetan	CHN	CNR	RTC
9580	0200-0930	42SE	100	290	206	Tibetan	CHN	CNR	RTC
11860	0300-0900	43SW	100	85	141	Chinese	CHN	CNR	RTC
11950	0300-0900	42SE	100	290	206	Chinese	CHN	CNR	RTC

CLANDESTINE - B-13 schedule of clandestine and other target broadcasts

[ARMENIA / BULGARIA / FRANCE / JAPAN / MADAGASCAR / MOLDOVA / PALAU / SRI LANKA / TAIWAN / TAJIKISTAN / UAE / U.S.A. / UZBEKISTAN / VATICAN STATE]

Radio Republica

0000-0300 9490 F 250 kW 285 deg to Cuba Spanish

[no, really starts at 0100-; surely will be moving to Okeechobee --- gh]

Radio Payem e-Doost

0230-0315 7460 KCH 500 kW 116 deg to WAs Farsi

1800-1845 7480 KCH 500 kW 116 deg to WAs Farsi

Radio Miraya

0300-0600 9940 secret hidden site to EAf English/Arabic

Radio Tamazuj

0400-0430 7315 VAT 200 kW 150 deg to EAf Arabic

0400-0430 11940 MDG 250 kW 335 deg to EAf Arabic

0400-0430 13800 UAE 250 kW 240 deg to EAf Arabic

1500-1530 13800 MDG 250 kW 335 deg to EAf Arabic

1500-1530 15535 VAT 200 kW 150 deg to EAf Arabic

Denge Kurdistan

0400-1600 11510 KCH 250 kW 116 deg to WAs Kurdish
 1600-2000 11510 F 250 kW 090 deg to WAs Kurdish

Radio Dabanga

0430-0600 7315 VAT 200 kW 150 deg to EAf Arabic
 0430-0600 11940 MDG 250 kW 335 deg to EAf Arabic
 0430-0600 13800 UAE 250 kW 240 deg to EAf Arabic
 1530-1630 13800 MDG 250 kW 335 deg to EAf Arabic
 1530-1630 15535 VAT 200 kW 150 deg to EAf Arabic

Radio ERGO

0830-0930 17680 UAE 250 kW 225 deg to EAf Somali

Radio Free Sarawak

1100-1230 15420 PALAU 100 kW 208 deg to SEAs Iban Mo-Sa

Suab Xaa Moo Zoo, Voice of Hope

1130-1200 11570 TWN-TSH 100 kW 250 deg to SEAs Hmong
 2230-2300 7530 TWN-TSH 100 kW 250 deg to SEAs Hmong

Voice of Tibet

1200-1215 15543 Du 100 kW 095 deg to EAs Chinese
 1215-1230 15548 Du 100 kW 095 deg to EAs Chinese

1230-1245 15562 Du 100 kW 131 deg to CAs Tibetan
 1245-1300 15567 Du 100 kW 131 deg to CAs Tibetan

1300-1315 15548 Du 100 kW 095 deg to EAs Chinese
 1300-1315 15567 Du 100 kW 131 deg to CAs Tibetan

1315-1345 15543 Du 100 kW 095 deg to EAs Chinese
 1315-1345 15573 Du 100 kW 131 deg to CAs Tibetan

1345-1400 15537 Du 100 kW 095 deg to EAs Chinese
 1345-1400 15568 Du 100 kW 131 deg to CAs Tibetan

1400-1415 15520 MDG250 kW 045 deg to CAs Tibetan
 1400-1415 15562 Du 100 kW 131 deg to CAs Tibetan

1415-1430 15515 MDG250 kW 045 deg to CAs Tibetan
 1415-1430 15562 Du 100 kW 131 deg to CAs Tibetan

Changes between frequencies vary from 3 to 5 minutes.

Que Me

1200-1230 9930 HBN 100 kW 318 deg to EAs Vietnamese Fr

Khmer Post Radio

1200-1300 9960 HBN 100 kW 270 deg to SEAs Khmer

Open Radio North Korea

1230-1430 9910 Du 200 kW 071 deg to KRE Korean
 2000-2100 7470 Du 100 kW 071 deg to KRE Korean

Nippon no Kaze

1300-1330 9950 TSH 100 kW 002 deg to NEAs Korean
 1500-1530 9975 HBN 100 kW 345 deg to NEAs Korean
 1530-1600 9965 HBN 100 kW 345 deg to NEAs Korean

Voice of Wilderness (BVB)

1300-1400 11860 CLN-TRM 250 kW 045 deg to KRE Korean Mo-Sa
 1300-1430 11860 CLN-TRM 250 kW 045 deg to KRE Korean Su
 1900-2000 7375 Du 100 kW 071 deg to KRE Korean Mo-Sa
 1900-2030 7375 Du 100 kW 071 deg to KRE Korean Su

10

Radio Free Chosun

1300-1400 9300 Du 100 kW 071 deg to KRE Korean
1400-1600 9775 UZB 200 kW 070 deg to KRE Korean

North Korea Reform Radio

1300-1500 9380 Du 200 kW 071 deg to KRE Korean
1400-1600 7590 UZB 200 kW 070 deg to KRE Korean

Furusato no Kaze

1330-1400 9950 TSH 100 kW 002 deg to NEAs Japanese
1430-1500 9960 HBN 100 kW 345 deg to NEAs Japanese
1600-1630 9780 PA0 250 kW 045 deg to NEAs Japanese

JSR Shiokaze Sea Breeze

1330-1430 5910 YAM 100 kW 280 deg to KRE various langs*
1600-1700 5975 YAM 100 kW 280 deg to KRE various langs*

*Japanese/Korean Su; Japanese Mo/wed/Thu; Chinese/Korean Tue; English Fr;
Korean/Japanese Sa.

Democratic Voice of Burma

1430-1530 6225 Du 100 kW 125 deg to SEAs Burmese
2330-0030 7510 ERV 300 kW 100 deg to SEAs Burmese

Radio Free North Korea

1530-1630 6275 Du 100 kW 071 deg to KRE Korean

Voice of Martyrs(Freedom)

1600-1730 7515 UZB 100 kW 065 deg to KRE Korean

Radio Xoriyo

1600-1630 17630 F 500 kW 130 deg to EAF Somali Tue/Sa
1600-1630 17870 F 500 kW 130 deg to EAF Somali Mo/Fr
Transmissions are jammed by Ethiopia with broadband DRM-like white noise

Radio Shorouq / Radio Sunrise

1600-1700 11610 BUL 050 kW 195 deg to EAF Arabic Mo-wed

Radio Dialogue FM

1600-1700 12105 MDG 250 kW 265 deg to ZWAF English/Shona/Ndebele

Sedaye Radio-ye Mehr Iran

1630-1700 15680 F 500 kW 091 deg to WAs Farsi Mo/Fr

Radio Ranginkaman / Radio Rainbow

1700-1730 7550 KCH 100 kW 100 deg to WAs Farsi Mo/Fr

Dimtse Radio Erena

1700-1730 11560 BUL 050 kW 195 deg to EAF Afar/Oromo

Voice of Oromo Liberation

1700-1800 13810 F 100 kW 125 deg to EAF Oromo/Amharic Su/wed

Radio Assenna

1700-1800 15245 secret hidden site to EAF Tigrinya Mo/wed/Fr
Transmissions are jammed by Ethiopia with broadband DRM-like white noise

Voice of the Forum of Eritreans

1700-1800 15245 secret hidden site to EAF Tigrinya Tue/Thu/Sa/Su
Transmissions are jammed by Ethiopia with broadband DRM-like white noise

E-SAT Radio

1700-1800 15380 secret hidden site to EAF Amharic Mo
1700-1800 15365 secret hidden site to EAF Amharic Tue
1700-1800 15385 secret hidden site to EAF Amharic Wed
1700-1800 15370 secret hidden site to EAF Amharic Thu

1700-1800 15390 secret hidden site to EAF Amharic Fr
 1700-1800 15375 secret hidden site to EAF Amharic Sa
 1700-1800 15360 secret hidden site to EAF Amharic Su
 Transmissions are jammed by Ethiopia with broadband DRM-like white noise

Radio Inyabutatu

1700-1800 17870 F 250 kW 130 deg to EAF Kinyarwanda Sa

SW Radio Africa

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

Lutheran World Federation, Voice of Gospel (Sawtu Linjilia)

1830-1900 9800 F 500 kW 180 deg to WCAf Fulfulde

[not really clandestine; it may be 'targeted' but so are countless other missionary transmissions --- gh]

Sound of Hope

2200-2300 6280 TSH 300 kW 325 deg to EAs Chinese Fr/Sa
 2200-2300 7200 TSH 100 kW 325 deg to EAs Chinese
 2200-2300 9635 TSH 100 kW 325 deg to EAs Chinese
 2300-2400 6280 TSH 300 kW 325 deg to EAs Chinese Fr/Sa
 2300-2400 7310 TSH 300 kW 325 deg to EAs Chinese
 0900-1100 9540 TSH 100 kW 325 deg to EAs Chinese Sa/Su
 0900-1100 11760 TSH 300 kW 325 deg to EAs Chinese Sa/Su
 1100-1300 7280 TSH 300 kW 325 deg to EAs Chinese
 1300-1400 6030 TSH 100 kW 325 deg to EAs Chinese
 1300-1400 6240 BAO 100 kW 310 deg to EAs Chinese
 1300-1400 7310 TSH 300 kW 325 deg to EAs Chinese
 1300-1400 11760 TSH 300 kW 325 deg to EAs Chinese
 1400-1500 9450 PAO 100 kW 335 deg to EAs Chinese
 1400-1500 11760 TSH 300 kW 325 deg to EAs Chinese
 1500-1600 9450 PAO 100 kW 335 deg to EAs Chinese
 1600-1700 11765 TSH 100 kW 325 deg to EAs Chinese

Inactive transmissions

MND Radio

0400-0455 5150 JNG 100 kW non-dir to KRE Korean
 0400-0455 6360 CHC 100 kW non-dir to KRE Korean
 0500-0550 4925 JNG 100 kW non-dir to KRE Korean
 0500-0550 6550 CHC 100 kW non-dir to KRE Korean
 0600-0635 6270 JNG 100 kW non-dir to KRE Korean
 0600-0635 6480 CHC 100 kW non-dir to KRE Korean
 0700-0735 5290 JNG 100 kW non-dir to KRE Korean
 0700-0735 6435 CHC 100 kW non-dir to KRE Korean
 1000-1050 4925 JNG 100 kW non-dir to KRE Korean
 1000-1050 6550 CHC 100 kW non-dir to KRE Korean
 1100-1150 6270 JNG 100 kW non-dir to KRE Korean
 1100-1150 6480 CHC 100 kW non-dir to KRE Korean
 1200-1255 5150 JNG 100 kW non-dir to KRE Korean
 1200-1255 6360 CHC 100 kW non-dir to KRE Korean

Voice of Justice

0600-0630 9677.7vSPK 010 kW non-dir to CAs Azeri Wed/Sa

1400-1430 9677.7vSPK 010 kW non-dir to CAs Azeri Tue/Fr

Radio Abkhazia (Apsua Radio)

0700-0800 9535 SUK 005 kW non-dir to CAs Abkhaz Mo/Wed/Fr

Voice of Talyshistan

0900-1000 9677.7v SPK 010 kW non-dir to CAs Talysh Tue-Sa

1200-1300 9677.7v SPK 010 kW non-dir to CAs Talysh Tue-Sa

1500-1600 9677.7v SPK 010 kW non-dir to CAs Talysh Tue-Sa

Radio Libya

1600-2100 11600 secret hidden site to NAF Arabic

(DX MIX News, Ivo Ivanov-BUL, via dxld / wwdxc BC-DX TopNews Nov 16)

FRANCE [and non] - Winter B-13 shortwave schedule of Radio France Internationale:

0400-0458 on 7390 F 500 kW / 130 deg to ECAf French till Feb 22
 0400-0458 on 9790 F 500 kW / 140 deg to ECAf French
 0400-0458 on 11700 F 500 kW / 130 deg to ECAf French from Feb 23
 0430-0458 on 9665 RSA 250 kW / 019 deg to EAF Swahili
 0500-0558 on 7390 F 500 kW / 160 deg to CAF French till Feb 22
 0500-0558 on 9790 F 500 kW / 150 deg to CAF French
 0500-0558 on 11605 RSA 100 kW / 345 deg to WAF French
 0500-0558 on 11700 F 500 kW / 160 deg to CAF French from Feb 23
 0530-0558 on 11790 RSA 100 kW / 015 deg to EAF Swahili till Feb 22
 0530-0558 on 15160 RSA 100 kW / 015 deg to EAF Swahili from Feb 23
 0600-0628 on 7295 F 500 kW / 170 deg to WCAf Hausa till Feb 22
 0600-0628 on 9805 F 500 kW / 170 deg to WCAf Hausa
 0600-0628 on 7295 F 500 kW / 170 deg to WCAf Hausa from Feb 23
 0600-0658 on 5925 F 500 kW / 204 deg to NWAf French till Feb 22
 0600-0658 on 7390 F 500 kW / 204 deg to NWAf French from Feb 23
 0600-0658 on 7390 F 500 kW / 185 deg to NWAf French till Feb 22
 0600-0658 on 9790 F 500 kW / 185 deg to NWAf French from Feb 23
 0600-0658 on 11605 RSA 100 kW / 345 deg to WAF French
 0600-0658 on 15170 RSA 250 kW / 328 deg to WAF French
 0600-0658 on 15300 F 500 kW / 153 deg to CAF French
 0700-0728 on 13685 F 500 kW / 170 deg to WCAf Hausa
 0700-0728 on 15315 F 500 kW / 170 deg to WCAf Hausa
 0700-0758 on 9790 F 500 kW / 204 deg to NWAf French till Feb 22
 0700-0758 on 11700 F 500 kW / 204 deg to NWAf French from Feb 23
 0700-0758 on 11700 F 500 kW / 190 deg to WCAf French till Feb 22
 0700-0758 on 13695 F 500 kW / 185 deg to NWAf French
 0700-0758 on 15170 RSA 250 kW / 328 deg to WAF French
 0700-0758 on 15300 F 500 kW / 155 deg to CAF French
 0700-0758 on 15300 F 500 kW / 190 deg to WCAf French from Feb 23
 0700-0758 on 17850 F 500 kW / 155 deg to CAF French till Feb 22
 0700-0758 on 21580 F 500 kW / 155 deg to CAF French from Feb 23
 0800-0858 on 13695 F 500 kW / 204 deg to NWAf French
 0800-0858 on 15300 F 500 kW / 195 deg to NoAf French
 0800-0858 on 17620 F 500 kW / 185 deg to NoAf French
 0800-0858 on 21580 F 500 kW / 155 deg to CAF French
 0930-1028 on 7325 PA0 250 kW / 352 deg to EAs Chinese
 0930-1028 on 11875 PA0 250 kW / 352 deg to EAs Chinese
 1100-1128 on 15680 PA0 100 kW / 352 deg to EAs French
 1200-1258 on 17620 F 500 kW / 200 deg to NWAf French
 1200-1258 on 17660 RSA 250 kW / 342 deg to CAF French
 1200-1258 on 21580 F 500 kW / 155 deg to CAF French
 1200-1258 on 21690 F 500 kW / 185 deg to WCAf French
 1300-1328 on 11860 F 500 kW / 055 deg to EaEu Russian till Feb 22
 1300-1328 on 15530 F 500 kW / 080 deg to CAs Russian
 1300-1328 on 17850 F 500 kW / 055 deg to EEU Russian from Feb 23
 1400-1458 on 7380 PA0 100 kW / 250 deg to SEAs Vietnamese
 1430-1458 on 13690 F 500 kW / 084 deg to WAs Persian
 1430-1458 on 15395 F 500 kW / 085 deg to WAs Persian
 1500-1528 on 11935 F 500 kW / 055 deg to EEU Russian
 1500-1528 on 13750 F 500 kW / 080 deg to CAs Russian
 1500-1558 on 9565 TSH 100 kW / 250 deg to SEAs Vietnamese
 1500-1558 on 15360 RSA 250 kW / 007 deg to EAF Swahili
 1600-1658 on 17615 F 500 kW / 170 deg to WCAf Hausa
 1700-1728 on 9755 RSA 250 kW / 328 deg to WAF Portuguese
 1700-1758 on 11955 F 500 kW / 085 deg to WAs Persian
 1700-1758 on 13740 F 500 kW / 195 deg to WCAf French
 1700-1758 on 15300 F 500 kW / 153 deg to CAF French
 1700-1758 on 15300 F 500 kW / 204 deg to NWAf French
 1700-1758 on 17620 F 500 kW / 185 deg to WCAf French
 1700-1758 on 17850 F 500 kW / 153 deg to CAF French
 1800-1858 on 5890 F 500 kW / 055 deg to EaEu Russian
 1800-1858 on 9465 F 500 kW / 080 deg to CAs Russian

1800-1858 on 11995 F 500 kW / 155 deg to CAF French
 1800-1858 on 11995 F 500 kW / 204 deg to NWAf French
 1800-1858 on 13740 F 500 kW / 185 deg to WCAf French
 1800-1858 on 15300 F 500 kW / 153 deg to CAF French
 1800-1858 on 15300 F 500 kW / 204 deg to NWAf French
 1900-1933 on 6180 RSA 250 kW / 320 deg to Waf Portuguese
 1900-1958 on 11995 F 500 kW / 185 deg to WCAf French till Feb 22
 1900-1958 on 13740 F 500 kW / 185 deg to WCAf French from Feb 23
 1900-1958 on 15300 F 500 kW / 204 deg to NWAf French
 1900-1958 on 15300 F 500 kW / 153 deg to CAF French
 2000-2058 on 7205 F 500 kW / 204 deg to NWAf French
 2000-2058 on 9790 F 500 kW / 195 deg to WCAf French
 2000-2058 on 11995 F 500 kW / 185 deg to WCAf French
 2100-2158 on 7205 F 500 kW / 204 deg to NWAf French
 2100-2158 on 9790 F 500 kW / 195 deg to WCAf French
 2200-2258 on 7310 TSH 300 kW / 325 deg to EAs Chinese
 2300-2358 on 9955 PA0 250 kW / 352 deg to EAs Chinese
 (Ivo Ivanov, QTH: Sofia, Bulgaria, DX MIX NEWS #820)

GERMANY - German public broadcaster Norddeutscher Rundfunk NDR Hamburg will air its special X-mas program "Gruss an Bord" for German sailors merchant ships. Here is the schedule for Tuesday December 24, 2013, again on shortwaves. The NDR streams this program since 1953 year on Christmas Eve, the program thus being 60 years old in 2013.

Part 1:

1900-2100 6125 N 100 kW 285 deg to Northern Atlantic
 1900-2100 9925 F 100 kW 163 deg to SEAf, Indian Ocean, SWAf
 1900-2100 9460 N 100 kW 120 deg to Western Indian Ocean
 1900-2100 11955 F 125 kW 200 deg to South Atlantic Ocean
 1900-2100 9885 OE 125 kW 090 deg to Eastern Indian Ocean

1900 UT German news to 1905 UT, then bells, foghorn and start of "Gruss an Bord" program. Mention SW, MW frequencies, livestream internet. Greetings to people aboard ships starts at 1910 UT. A neat, different sort of program.

GREYLINE is approx. on Mississippi river area during 1st part transmission.

Part 2:

2100-2300 6040 N 100 kW 270 deg to Northern Atlantic
 2100-2300 9435 N 125 kW 200 deg to South Atlantic Ocean
 2100-2300 9880 N 100 kW 120 deg to Western Indian Ocean
 2100-2300 9625 OE 125 kW 090 deg to Eastern Indian Ocean
 2100-2300 9925 N 100 kW 163 deg to SEAf, Indian Ocean, SWAf

From 2100-2215 UT the transmission actually consisted of a church service - German "Christmette" from Cologne, 2215-2300 UT will be from NDR studios again with greetings and music.

MEDIA BROADCAST GmbH - we are moving!

From Monday 16th December 2013 the new address and phone number will be as follows:

MEDIA BROADCAST GmbH

Erna-Scheffler-Strasse 1

51103 Cologne, Germany

phone +49 (0) 221 7101 - 0

<<http://www.media-broadcast.com>>

GERMANY / U.K. - Frequency changes of Voice of America from Nov 11

2030-2100 NF 9765 N 250 kW 200 deg to WCAf Hausa Mo-Fr, ex9690*

2100-2130 NF 9620 Wof 300 kW 182 deg to NWAf French Mo-Fr, ex9690*

* to avoid Voice of Nigeria in Hausa.

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 19)

GERMANY / KUWAIT / MARIANA ISL {Saipan/Tinian} - Frequency changes of Radio Free Asia effective from Nov 16:

0000-0030 NF 9880 TIN 250 kW 271 deg to SEAs Vietnamese Su, ex9920

0000-0030 NF 9900 TIN 250 kW 271 deg to SEAs Vietnamese Mo, ex9920

0000-0030 NF 9920 TIN 250 kW 271 deg to SEAs Vietnamese Tue, exDaily

0000-0030 NF 9935 TIN 250 kW 271 deg to SEAs Vietnamese Wed, ex9920

0000-0030	NF 9950	TIN	250	kW	271	deg	to	SEAs	Vietnamese	Thu,	ex9920
0000-0030	NF 9960	TIN	250	kW	271	deg	to	SEAs	Vietnamese	Fr,	ex9920
0000-0030	NF 9985	TIN	250	kW	271	deg	to	SEAs	Vietnamese	Sa,	ex9920
0100-0200	NF13735	KWT	250	kW	070	deg	to	CAs	Tibetan	Sa,	ex13620
0100-0200	NF13755	KWT	250	kW	070	deg	to	CAs	Tibetan	Fr,	ex13620
0100-0200	NF13765	KWT	250	kW	070	deg	to	CAs	Tibetan	Thu,	ex13620
0100-0200	NF13795	KWT	250	kW	070	deg	to	CAs	Tibetan	Wed,	ex13620
0100-0200	NF13810	KWT	250	kW	070	deg	to	CAs	Tibetan	Tue,	ex13620
0100-0200	NF13830	KWT	250	kW	070	deg	to	CAs	Tibetan	Mo,	ex13620
0100-0200	NF13840	KWT	250	kW	070	deg	to	CAs	Tibetan	Su,	ex13620
0100-0200	NF15105	TIN	250	kW	295	deg	to	CAs	Tibetan	Su,	ex15610
0100-0200	NF15170	TIN	250	kW	295	deg	to	CAs	Tibetan	Tue/Thu,	ex15610
0100-0200	NF15180	TIN	250	kW	295	deg	to	CAs	Tibetan	Wed,	ex15610
0100-0200	NF15215	TIN	250	kW	295	deg	to	CAs	Tibetan	Mo/Fr,	ex15610
0100-0200	NF15225	TIN	250	kW	295	deg	to	CAs	Tibetan	Sa,	ex15610
0100-0200	NF17535	TIN	250	kW	313	deg	to	CAs	Uyghur	Su,	ex17805
0100-0200	NF17565	TIN	250	kW	313	deg	to	CAs	Uyghur	Mo/Wed/Fr	ex17805
0100-0200	NF17575	TIN	250	kW	313	deg	to	CAs	Uyghur	Tue/Thu,	ex17805
0100-0200	NF17585	TIN	250	kW	313	deg	to	CAs	Uyghur	Sa,	ex17805
0200-0300	NF 9920	KWT	250	kW	078	deg	to	CAs	Tibetan	Tue/Thu,	ex9700
0200-0300	NF 9930	KWT	250	kW	078	deg	to	CAs	Tibetan	Mo/Wed/Fr	ex9700
0200-0300	NF 9940	KWT	250	kW	078	deg	to	CAs	Tibetan	Sa,	ex9700
0200-0300	NF 9950	KWT	250	kW	078	deg	to	CAs	Tibetan	Su,	ex9700
0600-0700	NF21470	TIN	250	kW	279	deg	to	CAs	Tibetan	Mo,	ex21610
0600-0700	NF21480	TIN	250	kW	279	deg	to	CAs	Tibetan	Su,	ex21610
0600-0700	NF21530	TIN	250	kW	279	deg	to	CAs	Tibetan	Wed,	ex21610
0600-0700	NF21550	TIN	250	kW	279	deg	to	CAs	Tibetan	Tue,	ex21610
0600-0700	NF21590	TIN	250	kW	279	deg	to	CAs	Tibetan	Fr,	ex21610
0600-0700	NF21615	TIN	250	kW	279	deg	to	CAs	Tibetan	Thu,	ex21610
0600-0700	NF21645	TIN	250	kW	279	deg	to	CAs	Tibetan	Sa,	ex21610
1000-1100	NF15455	Lam	100	kW	080	deg	to	CAs	Tibetan	Sa,	ex15140
1000-1100	NF15550	Lam	100	kW	080	deg	to	CAs	Tibetan	Fr,	ex15140
1000-1100	NF15560	Lam	100	kW	080	deg	to	CAs	Tibetan	Thu,	ex15140
1000-1100	NF15570	Lam	100	kW	080	deg	to	CAs	Tibetan	Wed,	ex15140
1000-1100	NF15610	Lam	100	kW	080	deg	to	CAs	Tibetan	Tue,	ex15140
1000-1100	NF15710	Lam	100	kW	080	deg	to	CAs	Tibetan	Mo,	ex15140
1000-1100	NF15725	Lam	100	kW	080	deg	to	CAs	Tibetan	Su,	ex15140
1100-1200	NF11520	KWT	250	kW	070	deg	to	CAs	Tibetan	Tue/Thu,	ex11545
1100-1200	NF11540	KWT	250	kW	070	deg	to	CAs	Tibetan	Su,	ex11545
1100-1200	NF11560	KWT	250	kW	070	deg	to	CAs	Tibetan	Mo/Wed/Fr	ex11545
1100-1200	NF11600	KWT	250	kW	070	deg	to	CAs	Tibetan	Sa,	ex11545
1200-1300	NF11520	KWT	250	kW	070	deg	to	CAs	Tibetan	Su,	ex11590
1200-1300	NF11530	KWT	250	kW	070	deg	to	CAs	Tibetan	Mo,	ex11590
1200-1300	NF11540	KWT	250	kW	070	deg	to	CAs	Tibetan	Tue,	ex11590
1200-1300	NF11560	KWT	250	kW	070	deg	to	CAs	Tibetan	Wed,	ex11590
1200-1300	NF11570	KWT	250	kW	070	deg	to	CAs	Tibetan	Thu,	ex11590
1200-1300	NF11590	KWT	250	kW	070	deg	to	CAs	Tibetan	Fr,	ex11590
1200-1300	NF11990	KWT	250	kW	070	deg	to	CAs	Tibetan	Sa,	ex11590
1300-1400	NF11540	KWT	250	kW	070	deg	to	CAs	Tibetan	Sa,	ex11590
1300-1400	NF11560	KWT	250	kW	070	deg	to	CAs	Tibetan	Fr,	ex11590
1300-1400	NF11570	KWT	250	kW	070	deg	to	CAs	Tibetan	Thu,	ex11590
1300-1400	NF11590	KWT	250	kW	070	deg	to	CAs	Tibetan	Wed,	ex11590
1300-1400	NF11945	KWT	250	kW	070	deg	to	CAs	Tibetan	Tue,	ex11590
1300-1400	NF12130	KWT	250	kW	070	deg	to	CAs	Tibetan	Mo,	ex11590
1300-1400	NF12155	KWT	250	kW	070	deg	to	CAs	Tibetan	Su,	ex11590
1400-1500	NF11540	IRA	250	kW	073	deg	to	SEAs	Vietn.	Tue/Thu,	ex12130
1400-1500	NF11545	IRA	250	kW	073	deg	to	SEAs	Vietn.	Su,	ex12130
1400-1500	NF11555	IRA	250	kW	073	deg	to	SEAs	Vietn.	Mo/Wed/Fr,	ex12130
1400-1500	NF11570	IRA	250	kW	073	deg	to	SEAs	Vietn.	Sa,	ex12130
1400-1500	NF13655	TIN	250	kW	287	deg	to	EAs	Canton.	Wed/Fr,	ex13690
1400-1500	NF13665	TIN	250	kW	287	deg	to	EAs	Canton.	Tue/Thu,	ex13690
1400-1500	13690	TIN	250	kW	287	deg	to	EAs	Canton.	Sa-Mo,	exDaily
1500-1600	NF 9940	TIN	250	kW	295	deg	to	CAs	Tibetan	Sa/Su,	ex9955
1500-1600	9955	TIN	250	kW	295	deg	to	CAs	Tibetan	Tue/Thu,	exDaily
1500-1600	NF 9990	TIN	250	kW	295	deg	to	CAs	Tibetan	Mo/Wed/Fr	ex9955

1600-1700 NF11545 SAI 100 kW 310 deg to CAs Uyghur Su, ex12015
 1600-1700 NF11615 SAI 100 kW 310 deg to CAs Uyghur Mo/Wed/Fr ex12015
 1600-1700 NF11630 SAI 100 kW 310 deg to CAs Uyghur Tue/Thu, ex12015
 1600-1700 NF11660 SAI 100 kW 310 deg to CAs Uyghur Sa, ex12015
 2200-2300 NF 5875 TIN 250 kW 288 deg to CAs Tibetan Su, ex6005
 2200-2300 NF 5885 TIN 250 kW 288 deg to CAs Tibetan Mo/Wed/Fr ex6005
 2200-2300 NF 5895 TIN 250 kW 288 deg to CAs Tibetan Tue/Thu, ex6005
 2200-2300 NF 5905 TIN 250 kW 288 deg to CAs Tibetan Sa, ex6005
 2300-2400 NF 7525 KWT 250 kW 070 deg to CAs Tibetan Sa, ex7550
 2300-2400 NF 7540 KWT 250 kW 070 deg to CAs Tibetan Fr, ex7550
 2300-2400 NF 7555 KWT 250 kW 070 deg to CAs Tibetan Thu, ex7550
 2300-2400 NF 7565 KWT 250 kW 070 deg to CAs Tibetan Wed, ex7550
 2300-2400 NF 7575 KWT 250 kW 070 deg to CAs Tibetan Tue, ex7550
 2300-2400 NF 7585 KWT 250 kW 070 deg to CAs Tibetan Mo, ex7550
 2300-2400 NF 7595 KWT 250 kW 070 deg to CAs Tibetan Su, ex7550
 2330-2400 NF11540 KWT 250 kW 078 deg to SEAs Vietn. Sa, ex11605
 2330-2400 NF11555 KWT 250 kW 078 deg to SEAs Vietn. Fr, ex11605
 2330-2400 NF11570 KWT 250 kW 078 deg to SEAs Vietn. Thu, ex11605
 2330-2400 NF11590 KWT 250 kW 078 deg to SEAs Vietn. Wed, ex11605
 2330-2400 NF11605 KWT 250 kW 078 deg to SEAs Vietn. Tue, exDaily
 2330-2400 NF11615 KWT 250 kW 078 deg to SEAs Vietn. Mo, ex11605
 2330-2400 NF11625 KWT 250 kW 078 deg to SEAs Vietn. Su, ex11605
 2330-2400 NF15165 TIN 250 kW 279 deg to SEAs Vietn. Su, ex15170
 2330-2400 NF15175 TIN 250 kW 279 deg to SEAs Vietn. Mo, ex15170
 2330-2400 NF15190 TIN 250 kW 279 deg to SEAs Vietn. Tue, ex15170
 2330-2400 NF15205 TIN 250 kW 279 deg to SEAs Vietn. Wed, ex15170
 2330-2400 NF15560 TIN 250 kW 279 deg to SEAs Vietn. Thu, ex15170
 2330-2400 NF15570 TIN 250 kW 279 deg to SEAs Vietn. Fr, ex15170
 2330-2400 NF15590 TIN 250 kW 279 deg to SEAs Vietn. Sa, ex15170
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 23)

KUWAIT - Winter B-13 shortwave schedule of Radio Kuwait:

0200-0900 on 5960 KBD 250 kW / non-dir to N/ME Arabic General Service
 0500-0900 on 15515 KBD 250 kW / 059 deg to EAs Arabic General Service
 0800-1000 on 7250 KBD 500 kW / non-dir to WAs Persian
 0930-1600 on 11630 KBD 500 kW / 230 deg to CAf Arabic Holy Qur'an Sce
 1000-1200 on 21580 KBD 500 kW / 084 deg to EAs Tagalog
 1100-1600 on 9750 KBD 300 kW / 286 deg to NEAf Arabic General Service
 1200-1600 on 21540 KBD 500 kW / 310 deg to WAs Arabic General Service
 1600-1800 on 15540 KBD 300 kW / 100 deg to SAs Urdu
 1600-2100 on 6050 KBD 300 kW / non-dir to N/ME Arabic General Service
 1700-2000 on 13650 KBD 500 kW / 350 deg to NAm Arabic General Service
 1800-2100 on 15540 KBD 500 kW / 310 deg to WAs English
 2000-2400 on 17550 KBD 500 kW / 350 deg to NAm Arabic General Service

(Ivo Ivanov, QTH: Sofia, Bulgaria; Equipment: Sony ICF-2001D, 30 m. long wire, DX MIX NEWS #814 November 24)

LAOS - 6130 Lao National Radio, Vientiane, at 1357-1418 UT on Dec 2. Segment in English; "This is the Lao National Radio, broadcasting from Vientiane capital, the Lao People's Democratic Republic. Our news in English program broadcasts at 2100 to 2130 hours local time daily, which is transmitted on AM 567 kHz, on mediumwave and on AM 6130 kHz. on shortwave"; special program devoted entirely to the celebration of Dec 2 - National Day; "Dec 2 falls on a Monday and is a public holiday," Dec 2, 1975, honors people who gave their lives," "Dec 2, a time to reflect on future developments," "Celebrate Dec 2, rule by self with unity and stability," "Dec 2, Lao people triumphed," "Dec 2, 1975 was victory for Lao people"; 1418 UT "Goodbye, see you tomorrow"; filler patriotic and indigenous songs till 1429 into French segment; poor to fair. (Ron Howard-CA-USA, via wwdxc BC-DX TopNews Dec 2)

6130 Lao National R. heard several times between 1250 and 1330 (with short ID 1300) via Twente end of November and first week of December; clear channel. (we)

MADAGASCAR - {to ZIMBABWAF} 12105 Radio Dialogue (via Talata-Volondry-MDG) at *1600-1610+ UT on 6-8 Nov. With WTTW off somewhere, RD came in quite nicely with slogan IDs ("Radio Dialogue-Giving You A Voice" & "Radio Dialogue-With The Community At Heart") + M/W DJs (the guy is the same one from last year who really rolls his "r"s in Ndebele/Shona)..still gives SW freq. as 12115 kHz sked is 1800-1900 Zimbabwe local time.

Also gives phone/SMS #'s, F_B/Twitter info + website: <<http://www.radiodialogue.com>> decent signal & a treat to hear them again. (Dan Sheedy-CA-USA, DXplorer Nov 8)

MOROCCO - "Re-appearing from the Dead ..." After some months of silence R Medi 1 is back again on shortwaves on ancient 9579.2 kHz. Interesting hets when R Australia is on even 9580 (see schedule). Monitored December 3, 2013 on a-dx. On December 4 change to even 9575 kHz. (we)

NIGERIA - Winter B-13 SW schedule of Voice of Nigeria:

0445-0500 15120 IKO 250 kW 007 deg to NAF station ID
 0500-0700 15120 IKO 250 kW 007 deg to NAF English
 0700-0800 15120 IKO 250 kW 007 deg to NAF French
 0800-0900 15120 IKO 250 kW 007 deg to NAF English
 0800-0900 9690 AJA 250 kW 248 deg to WCAf Hausa (9689.9)
 0900-1200 9690!IKO 250 kW 248 deg to WCAf English, ex0900-1500
 1500-1600 15120 IKO 250 kW 007 deg to NAF English
 1600-1630 11770 IKO 250 kW 248 deg to ECAf Swahili
 1630-1700 9690 IKO 250 kW 248 deg to WCAf Yoruba
 1700-1730 9690#IKO 250 kW 248 deg to WCAf Igbo
 1730-1800 15120 IKO 250 kW 007 deg to NAF Arabic
 1800-2000 7255*IKO 250 kW 248 deg to WAF Hausa
 1830-2000 15120 AJA 250 kW 007 deg to NAF English DRM (15119.9)
 2000-2100 7255&IKO 250 kW 248 deg to WAF French
 2000-2130 9690 AJA 250 kW 248 deg to WCAf Hausa (9689.9)
 2100-2200 7255\$IKO 250 kW 248 deg to WAF Fulfulde
 2200-2300 7255\$IKO 250 kW 248 deg to WAF Hausa

! co-ch Radio Free Asia in Tibetan 1000-1100

co-ch Radio Romania International in French

* co-ch China Radio International in Russian/Turkish

& co-ch China Radio International in Russian

\$ co-ch PBS Xizang in Tibetam

During some days there are no broadcasts 15120 via IKO, Ikorodu.

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

OMAN - Winter B-13 schedule of Radio Sultanate of Oman:

1400-1500 on 15140 THU 100 kW / 315 deg to WAFu English
 1500-2200 on 15140 THU 100 kW / 315 deg to WAFu Arabic
 2200-2400 on 15355 THU 100 kW / 315 deg to WAFu Arabic
 0000-0200 NF 9500 THU 100 kW / 315 deg to WAFu Arabic, ex 9760
 0200-0300 NF 15355 THU 100 kW / 220 deg to EAF Arabic, ex 13600
 0300-0400 NF 15355 THU 100 kW / 220 deg to EAF English, ex 13600
 0400-1000 NF 13600 THU 100 kW / 220 deg to EAF Arabic, ex 9540
 (Ivo Ivanov, QTH: Sofia, Bulgaria; Sony ICF-2001D, 30 m. long wire, DX MIX NEWS #814 November 24, 2013)

PHILIPPINES / VATICAN STATE - Radio Veritas Asia - SW SCHEDULE 27 October 2013 to 30 March 2014:

Bengali
 0030-0057 15265
 1400-1430 11870

Myanmar
 2330-2357 9720
 1130-1157 15450

Filipino
 2300-2327 15355
 1500-1553 15320 [via CVA - Santa Maria
 de Galeria, Vatican state]

Hindi
 0030-0100 15280
 1330-1400 11870

Hmong
 1200-1227 11935

Kachin
 2330-2357 9645
 1230-1257 15225

Karen
 0000-0030 11935
 1200-1230 15225

Khmer
 1000-1030 11850

Mandarin
 2100-2257 6115
 1000-1157 11945

Sinhala	0100-0127 15280
0000-0027 11855	0100-0127 17860
0000-0027 15460	1430-1457 15330 [via CVA - Santa Maria de Galeria, Vatican state]
1330-1400 9520	
Tamil	Vietnamese
0030-0057 11855	2330-2357 9670
1400-1427 9520	0130-0227 15530
	1030-1127 11850
	1300-1327 11850
Telugu	Chin
0100-0130 15530	0130-0157 15255
1430-1500 11750	1430-1500 11870
Urdu	

(RVA Technical Dept, Nov 3)

ROMANIA - Frequency changes of Radio Romania International

1430-1456 NF13840 TIG 300 kW 052 deg to CAs Russian AM , ex15735
 1600-1656 NF 5940 TIG 300 kW 037 deg to EEU Russian DRM, ex5930
 1600-1656 NF 9810 TIG 300 kW 037 deg to EEU Russian AM , ex9715
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 4)

SEYCHELLES - BBC SEYCHELLES RELAY STATION TO CLOSE IN MARCH 2014

(see separate article)

SOUTH AFRICA - AFS Sentec B-13 season from Oct 27, 2013, till 30 March, 2014:

3255 0500 0600 52SE, 53SW, 57N 100 0 1234567 Eng AFS BBC BAB ENAFE_S
3255 1600 2000 52SE, 53SW, 57N 100 0 1234567 Eng AFS BBC BAB ENAFE_S
3320 1800 0400 57NW 100 275 1234567 Afr AFS SAB SNT
3345 0300 0400 52SE, 53W, 57N 100 5 .23456. Eng AFS CAF SNT
4880 1700 1859 53SW 100 5 1.....7 Und AFS BAB BAB
4880 1700 1859 53SW 100 5 .23456. Und AFS BAB BAB
4895 1630 1730 57N, 53SW 100 0 .2..... Eng AFS SRL SNT
5820 1930 2000 46, 47, 48, 5253 100 0 12345.. eng AFS RTE WRN
6155 0300 0400 48, 53NW, 52E, 47 250 19 .23456. Eng AFS CAF SNT
6180 1900 1933 46S, 47S, 52 250 320 1234567 Por AFS RFI TDF
6190 0500 0600 52SE, 53SW, 57N 100 15 1234567 Eng AFS BBC BAB ENAFE_S
6190 0600 0800 52SE, 53SW, 57N 100 0 1234567 Eng AFS BBC BAB ENAFE_S
6190 1600 2000 52SE, 53SW, 57N 100 15 1234567 Eng AFS BBC BAB ENAFE_S
7205 0800 0900 57N, 53SW 100 0 1..... Eng AFS SRL SNT
7230 0400 0700 52SE, 53W, 57N 100 5 .23456. Eng AFS CAF SNT
7285 0400 0700 57NW 100 275 1234567 Afr AFS SAB SNT
7465 1800 1830 53S 250 76 1234567 Fra AFS BBC BAB FRENA_S
9410 1800 1830 48 250 32 1234567 Som AFS BBC BAB SOMLA
9625 0700 1200 52SE, 53W, 57N 100 5 .23456. Eng AFS CAF SNT
9625 1200 1300 52SE, 53W, 57N 100 5 .23456. Nya AFS CAF SNT
9625 1300 1400 52SE, 53W, 57N 100 5 .23456. Loz AFS CAF SNT
9625 1400 1500 52SE, 53W, 57N 100 5 .23456. Por AFS CAF SNT
9625 1500 1600 52SE, 53W, 57N 100 5 .23456. Eng AFS CAF SNT
9650 0700 1800 57NW 100 275 1234567 Afr AFS SAB SNT
9665 0430 0500 47E, 48S, 52E, 53 500 19 1234567 Swa AFS RFI TDF
9755 1700 1730 52 250 328 1234567 Por AFS RFI TDF
9860 0600 0800 52SE, 53SW, 57N 100 15 1234567 Eng AFS BBC BAB ENAFE_S
9870 1700 1730 52 250 328 1234567 Por AFS RFI TDF
11605 0500 0600 46SE, 47, 52 100 345 1234567 Fra AFS RFI TDF
11605 0600 0700 46SE, 47, 52 100 345 1234567 Fra AFS RFI TDF
11610 1730 1800 48E, 48SW 100 35 1234567 Som AFS IBR BAB FE02
11740 1730 1800 48E, 48SW 100 35 1234567 Som AFS IBR BAB
11750 1930 2000 46SE 250 328 1234567 Ibo AFS AWR AWR
11755 2000 2030 46E, 47W 250 328 1234567 Fra AFS AWR AWR
11755 2030 2100 46SE 250 328 1234567 Yor AFS AWR AWR
11770 1700 1730 48SW, 53NW 250 19 1234567 Swa AFS AWR AWR

11770	1730	1800	48SW, 53NW	250	19	1234567	Mas	AFS	AWR	AWR	
11780	1800	1830	47, 52	250	328	1234567	Eng	AFS	NHK	NHK	
11790	0530	0600	47E, 48S, 52E, 53	100	15	1234567	Swa	AFS	RFI	TDF	B13A -22Feb
11800	1800	1830	46E, 47W	250	328	1234567	Eng	AFS	NHK	BAB	
11800	1800	1830	47, 52	250	328	1234567	Eng	AFS	NHK	NHK	
11830	1830	1900	48SW, 52E, 53NW	250	19	1234567	Eng	AFS	AWR	AWR	
11845	1800	1830	48	100	30	1234567	Som	AFS	BBC	BAB	SOMLA
11925	0500	0600	48SW, 53NW	250	7	.....7	Kin	AFS	BBC	BAB	KRWNA
11925	0529	0600	48SW, 53NW	250	7	1.....	Kin	AFS	BBC	BAB	KRWNA
12095	0600	0700	47SW, 52	100	335	1234567	Eng	AFS	BBC	BAB	ENAFW_C
15160	0530	0600	47E, 48S, 52E, 53	100	15	1234567	Swa	AFS	RFI	TDF	B13B Feb 23-
15170	0600	0700	46SE, 47, 52	100	340	1234567	Fra	AFS	RFI	TDF	
15170	0700	0800	46SE, 47SW, 52	250	328	1234567	Fra	AFS	RFI	TDF	
15235	1600	1700	46, 47, 52	250	340	.23456.	Fre	AFS	CAF	SNT	
15235	1700	1800	46, 47, 52	250	340	.23456.	Eng	AFS	CAF	SNT	
15255	0600	0700	46, 47, 52	250	328	.23456.	Eng	AFS	CAF	SNT	
15260	1930	2000	46S	250	315	1234567	Ful	AFS	AWR	AWR	
15360	1500	1600	47E, 48S, 52E, 53	250	7	1234567	Swa	AFS	RFI	TDF	
15480	0400	0600	38E, 39, 47N, 48N	250	19	1234567	Ara	AFS	AWR	AWR	
15490	0500	0600	48SW, 53NW	250	5	.....7	Kin	AFS	BBC	BAB	KRWNA
15490	0529	0600	48SW, 53NW	250	5	1.....	Kin	AFS	BBC	BAB	KRWNA
15790	1630	1700	48SW, 53NW	250	7	.23456.	Kin	AFS	BBC	BAB	KRWNA
15790	1830	1900	48SW, 53NW	250	7	.23456.	Kin	AFS	BBC	BAB	KRWNA
17660	1200	1300	46SE, 47, 52N	250	342	1234567	Fra	AFS	RFI	TDF	
17690	1500	1700	48	250	32	.....7	Som	AFS	BBC	BAB	SOMLA
17710	1000	1100	46S-48S, 52-53W, 57	250	1234567	Swa	AFS	DWL	DWL		
17760	0800	0900	48, 53W	250	19	1.....	Eng	AFS	SRL	SNT	
17770	1500	1600	48, 47E, 52E, 53W	250	19	.23456.	Swa	AFS	CAF	SNT	
17830	0700	0800	47SW, 52	250	328	1234567	Eng	AFS	BBC	BAB	ENAFW_C
17870	1630	1700	48SW, 53NW	100	7	.23456.	Kin	AFS	BBC	BAB	KRWNA
17880	0700	0729	47S, 52N, 52SE	250	342	1234567	Fra	AFS	BBC	BAB	FRENA_C

(hfcc B-13 Sentec entries, via wwdxc BC-DX TopNews Nov 3)

SPAIN - Frequency change of Radio Exterior de Espana from Nov 16:

1300-1600 NF21640 NOB 250 kw 272 deg to CAm Spanish Daily, ex21630#
 1600-1700 NF21640 NOB 250 kw 272 deg to CAm Spanish Sa/Su, ex21630*
 # to avoid WHRI-1 in English 1500-1600 Sa/Su and BBC in Hausa 1400-1430
 * to avoid WHRI-1 in English 1600-1700
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 17)

SRI LANKA - Frequency change of PCJ Radio International from Nov. 24:

1330-1430 NF 9335 CLN-TRM 125 kw / 045 deg to EAs English Su, ex 9705/11990
 (Ivo Ivanov, Bulgaria, DX MIX NEWS, Nov 20)

SWAZILAND [RWANDA / UAE] - TRANS WORLD RADIO - MANZINI, SWAZILAND

BROADCAST SCHEDULE B-13 on 27th October 2013 to 30th March 2014:

TIME/UTC	DAY	LANGUAGE	FREQ	PWR	ANT	AZI	Target Zone
	MTWTFSS						
0255-0325	12345	Ndebele	3200	50	8	3	Zimbabwe
0255-0310	6	Ndebele	3200	50	8	3	Zimbabwe
0255-0325	7	English	3200	50	8	3	Zimbabwe
0255-0325	1234567	Shona	3240	50	6	3	Zimbabwe
0325-0340	1234567	Ndau	3240	50	6	3	Zimbabwe
0325-0340	1234567	Ndau	3240	50	6	3	Zimbabwe
0330-0345	34	Sidamo	9530	100	2	12	Ethiopia
0330-0345	1 5 7	Amharic	9530	100	2	12	Ethiopia
0330-0345	2	Oromo	9530	100	2	12	Ethiopia
0342-0358	1234567	Lomwe	4775	50	8	3	Mozambique
0400-0430	12345	German	3200	50	9	233	South Africa
0400-0500	67	German	3200	50	9	233	South Africa
0400-0430	12345	German	4775	50	4	233	South Africa
0400-0500	67	German	4775	50	4	233	South Africa
0400-0445	67	Chewa	5995	100	11	5	Malawi

0430-0500	12345	English	3200	50	9	233	South Africa
0501-0800	67	English	4775	50	4	233	Southern Africa
0502-0800	1234567	English	6120	50	4	233	Southern Africa
0500-0800	1234567	English	9500	100	11	5	Central Africa
1400-1415	1234567	Urdu	15360	100	103	43	Pakistan
1425-1455	1234567	Portuguese	7315	50	11	5	Mozambique
1455-1510	1234567	Makua	7315	50	11	5	N Mozambique
1510-1555	1234567	Lomwe	7315	50	11	5	N Mozambique
1455-1525	12345	Malagasy	9585	100	3	64	Madagascar
1440-1525	67	French	9585	100	3	64	Madagascar
1425-1455	1234567	English	6025	100	6	3	Zimbabwe
1455-1525	1234567	Shona	6025	100	6	3	Zimbabwe
1525-1555	12345	Ndebele	6025	100	6	3	Zimbabwe
1525-1555	67	English	6025	100	6	3	Zimbabwe
1555-1625	1234567	Shona	6025	100	6	3	Zimbabwe
1557-1627	12345	Kir	15105	100	13	0	Rwanda
1630-1700	1234567	Zulu	1170	50	MW	ND	Swaziland
1700-2105	1234567	English	1170	50	MW	ND	Southern Africa
1545-1615	7	Shangaan	4760	50	6	3	S Mozambique
1600-1630	12345	Tshwa	4760	50	6	3	S Mozambique
1600-1630	6	Shangaan	4760	50	6	3	S Mozambique
1615-1645	7	Tshwa	4760	50	6	3	S Mozambique
1630-1645	1 4	Portuguese	4760	50	6	3	S Mozambique
1630-1645	23 56	Shangaan	4760	50	6	3	S Mozambique
1645-1759	1234567	Ndau	4760	50	6	3	S Mozambique
1557-1627	12345	KiRundi	15105	100	10B	13	Burundi
1630-1645	12	Amharic	11725	100	10B	13	Ethiopia
1630-1700	34	Oromo	11725	100	10B	13	Ethiopia
1645-1700	12 7	Oromo	11725	100	10B	13	Ethiopia
1630-1645	56	Kambaata	11725	100	10B	13	Ethiopia
1645-1700	56	Hadiya	11725	100	10B	13	Ethiopia
1700-1730	123456	Amharic	11725	100	10B	13	Ethiopia
1700-1715	7	Amharic	11725	100	10B	13	Ethiopia
1715-1745	7	Oromo	11725	100	10B	13	Ethiopia
1730-1800	12345	Oromo	11725	100	10B	13	Ethiopia
1730-1800	6	Amharic	11725	100	10B	13	Ethiopia
1800-1900	1234567	English	9500	100	10B	13	East Africa /Jub
1700-1745	1234567	Swahili	9475	100	11	5	East Africa
1745-1815	67	Swahili	9475	100	11	5	East Africa
1700-2000	12345..	English	3200	50	9	233	South Africa
1700-2045	67	English	3200	50	9	233	South Africa
1750-1820	12345	Umbunbu	6130	100	1	312	Angola
1820-1835	1234567	Chokwe	6130	100	1	312	Angola
1835-1850	1234567	Umbundu	6130	100	1	312	Angola
1850-1905	1	Luvale	6130	100	1	312	Angola
1850-1905	2345 7	KiKongo	6130	100	1	312	Angola
1850-1905	6	Portuguese	6130	100	1	312	Angola
1905-1920	12	Portuguese	6130	100	1	312	Angola
1905-1920	3	Luchazi	6130	100	1	312	Angola
1905-1920	4	Luvale	6130	100	1	312	Angola
1905-1920	5	Fiote	6130	100	1	312	Angola
1905-1920	6	Lunyaneka	6130	100	1	312	Angola
1905-1920	7	Kuanyama	6130	100	1	312	Angola
1920-1950	1234567	Portuguese	6130	100	1	312	Angola
1950-2005	1234567	Kimbandu	6130	100	1	312	Angola
1905-1935	1234567	Lingala	9940	100	101	343	D R Congo
1935-1950	1234567	French	9940	100	101	343	D R Congo
1950-2020	6	French	9940	100	101	343	D R Congo

(TWR / HFCC registration, transformed by wb, wwdxc BC-DX TopNews, A-13 summer schedule updated by hfcc B13 entries. Nov 3, BCDX Nov 15)

U.S.A. - Updated winter B-13 schedule of WRMI via Okeechobee from Dec 1

0000-0200	9690	YFR	100	kW	222	deg	to	MEX	English	Brother	Stair
0000-0200	9955	YFR	100	kW	160	deg	to	CAM	Various	WRMI	programs

0000-0200	11565	YFR	100	kW	140	deg	to	BRAS	English	Brother	Stair
0000-0200	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
0000-0200	13695	YFR	100	kW	151	deg	to	NSA	English	Brother	Stair
0200-0300	7570	YFR	100	kW	355	deg	to	ENA	English	Brother	Stair
0200-0300	9955	YFR	100	kW	160	deg	to	CA	Spanish	Family	Radio
0200-0300	11565	YFR	100	kW	140	deg	to	BRAS	English	Brother	Stair
0200-0300	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
0300-0400	7570	YFR	100	kW	355	deg	to	ENA	English	Brother	Stair
0300-0400	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
0300-0400	11565	YFR	100	kW	140	deg	to	BRAS	English	Brother	Stair
0300-0400	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
0400-0600	7570	YFR	100	kW	355	deg	to	ENA	English	Brother	Stair
0400-0600	9355	YFR	100	kW	087	deg	to	CA	English	Brother	Stair
0400-0600	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
0400-0600	11565	YFR	100	kW	140	deg	to	BRAS	English	Brother	Stair
0400-0600	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
0600-0800	9355	YFR	100	kW	087	deg	to	CA	English	Brother	Stair
0600-0800	9955	YFR	100	kW	160	deg	to	CA	English	Brother	Stair
0800-1100	9955	YFR	100	kW	160	deg	to	CA	English	Brother	Stair
1100-1300	9495	YFR	100	kW	181	deg	to	CA	English	Brother	Stair
1100-1300	9690	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
1100-1300	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
1300-1400	9690	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
1300-1400	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
1400-1500	9690	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
1400-1500	9955	YFR	100	kW	315	deg	to	WNA	Various	WRMI	programs
1400-1500	17790	YFR	100	kW	087	deg	to	CA	English	R Africa	
1500-2000	9955	YFR	100	kW	315	deg	to	WNA	English	Brother	Stair
1500-2000	17790	YFR	100	kW	087	deg	to	CA	English	R Africa	
2000-2200	9955	YFR	100	kW	315	deg	to	WNA	English	Brother	Stair
2000-2200	15190	YFR	100	kW	087	deg	to	CA	English	Radio	Africa
2000-2200	15440	YFR	100	kW	044	deg	to	WAFu	English	Brother	Stair
2200-2300	9690	YFR	100	kW	222	deg	to	MEX	English	Brother	Stair
2200-2300	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
2200-2300	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
2200-2300	15190	YFR	100	kW	087	deg	to	CA	English	R Africa	
2300-2400	9690	YFR	100	kW	222	deg	to	MEX	English	Brother	Stair
2300-2400	9955	YFR	100	kW	160	deg	to	CA	Various	WRMI	programs
2300-2400	11730	YFR	100	kW	285	deg	to	WNA	English	Brother	Stair
2300-2400	13695	YFR	100	kW	151	deg	to	NSA	Spanish	Family	Radio

2330-2400 11565 YFR 100 kW 140 deg to BRAS religious program Sa
 Winter B-13 WRMI Graphic Schedule by transmitters see <<http://www.wrmi.net>>
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 30)

U.S.A. [and non] - Winter B-13 for VoA / R. Ashna / R. Marti / Deewa Radio:

0000-0030	6160	TH	250	kW	280	deg	SEAs	Burmese		
0000-0030	7430	CLN-IRA	250	kW	073	deg	SEAs	Burmese		
0000-0030	9325	PHT	250	kW	283	deg	SEAs	Burmese		
0000-0100	5980	CLN-IRA	250	kW	020	deg	CAs	Tibetan		
0000-0100	6030	Wof	250	kW	205	deg	Cuba	Spanish		Radio Marti
0000-0100	7255	KWT	250	kW	078	deg	CAs	Tibetan		
0000-0100	7365	Wof	250	kW	225	deg	Cuba	Spanish		Radio Marti
0000-0100	7495	TH	250	kW	030	deg	EAs	Chinese		
0000-0100	9545	TH	250	kW	030	deg	EAs	Chinese		
0000-0100	9645	TH	250	kW	311	deg	CAs	Tibetan		
0000-0100	11925	PHT	250	kW	332	deg	EAs	Chinese		
0000-0100	15385	PHT	250	kW	349	deg	EAs	Chinese		
0030-0100	5925	Lam	100	kW	108	deg	WAs	Pashto		Radio Ashna
0030-0100	6170	KWT	250	kW	082	deg	SAs	Learning English		
0030-0100	7560	CLN-IRA	250	kW	334	deg	WAs	Pashto		Radio Ashna
0030-0100	9790	PHT	250	kW	315	deg	CAs	Learning English		
0030-0100	12005	PHT	250	kW	270	deg	SEAs	Learning English		
0030-0100	11695	PHT	250	kW	315	deg	CAs	Learning English		
0030-0100	15115	PHT	250	kW	270	deg	SEAs	Learning English		
0030-0100	15290	PHT	250	kW	021	deg	EAs	Learning English		

0100-0130	5925	Lam	100	kW	108	deg	WAs	Dari	Radio Ashna
0100-0130	7560	CLN-IRA	250	kW	334	deg	WAs	Dari	Radio Ashna
0100-0200	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
0100-0200	7365	Wof	250	kW	225	deg	Cuba	Spanish	Radio Marti
0100-0200	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0100-0200	9790	TH	250	kW	300	deg	SAs	English	
0100-0200	11895	TH	250	kW	292	deg	SAs	English	
0100-0200	12005	CLN-IRA	250	kW	340	deg	WAs	Pashto	Deewa Radio
0100-0200	12025	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0100-0200	15205	PHT	250	kW	270	deg	SAs	English	
0130-0200	7465	Wof	250	kW	183	deg	SAm	Learning English	Tue-Sa
0130-0200	7560	CLN-IRA	250	kW	334	deg	WAs	Pashto	Radio Ashna
0130-0200	9335	CLN-IRA	250	kW	315	deg	WAs	Pashto	Radio Ashna
0130-0230	9325	TH	250	kW	284	deg	SEAs	Burmese	
0130-0230	15115	PHT	250	kW	283	deg	SEAs	Burmese	
0130-0230	17780	PHT	250	kW	283	deg	SEAs	Burmese	
0200-0230	7560	CLN-IRA	250	kW	334	deg	WAs	Dari	Radio Ashna
0200-0230	9335	CLN-IRA	250	kW	315	deg	WAs	Dari	Radio Ashna
0200-0300	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
0200-0300	7365	Wof	250	kW	225	deg	Cuba	Spanish	Radio Marti
0200-0300	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0200-0300	12005	CLN-IRA	250	kW	340	deg	WAs	Pashto	Deewa Radio
0200-0300	12025	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0230-0300	5745	Wof	250	kW	190	deg	Cuba	Radiogram	Sun
0300-0330	5885	VAT	250	kW	146	deg	SDN	Arabic	Afia Darfur
0300-0330	7275	STP	100	kW	052	deg	SDN	Arabic	Afia Darfur
0300-0330	9845	BOT	100	kW	350	deg	SDN	Arabic	Afia Darfur
0300-0400	4930	BOT	100	kW	020	deg	Saf	English	
0300-0400	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti Tue-Su
0300-0400	6080	VAT	250	kW	165	deg	CSAf	English	
0300-0400	7365	Wof	250	kW	225	deg	Cuba	Spanish	Radio Marti Tue-Su
0300-0400	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0300-0400	12005	CLN-IRA	250	kW	340	deg	WAs	Pashto	Deewa Radio
0300-0400	12025	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
0300-0400	15560	PHT	250	kW	315	deg	CAs	Tibetan	
0300-0400	15580	BOT	100	kW	350	deg	Caf	English	
0300-0400	17860	PHT	250	kW	315	deg	CAs	Tibetan	
0300-0400	21570	PHT	250	kW	315	deg	CAs	Tibetan	
0330-0400	7275	STP	100	kW	100	deg	Saf	Kinyarwanda	
0330-0400	9550	BOT	100	kW	010	deg	Saf	Kinyarwanda	
0330-0400	9675	VAT	250	kW	146	deg	Eaf	Somali	
0330-0400	9775	STP	100	kW	100	deg	Saf	Kinyarwanda	
0330-0400	11750	CLN-IRA	250	kW	263	deg	Eaf	Somali	
0330-0400	15620	CLN-IRA	250	kW	267	deg	Eaf	Somali	
0400-0430	7275	STP	100	kW	100	deg	Saf	Kinyarwanda	Sa/Su
0400-0430	9550	BOT	100	kW	010	deg	Saf	Kinyarwanda	Sa/Su
0400-0430	9775	STP	100	kW	100	deg	Saf	Kinyarwanda	Sa/Su
0400-0500	4930	BOT	100	kW	020	deg	Saf	English	
0400-0500	4960	STP	100	kW	030	deg	WCAf	English	
0400-0500	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti Tue-Su
0400-0500	6080	STP	100	kW	138	deg	CSAf	English	
0400-0500	7405	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti Tue-Su
0400-0500	15560	TH	250	kW	316	deg	CAs	Tibetan	
0400-0500	15580	BOT	100	kW	350	deg	Caf	English	
0400-0500	17860	PHT	250	kW	315	deg	CAs	Tibetan	
0400-0500	21570	PHT	250	kW	315	deg	CAs	Tibetan	
0500-0530	4960	STP	100	kW	030	deg	WCAf	Hausa	
0500-0530	6020	STP	100	kW	000	deg	WCAf	Hausa	
0500-0530	6035	ASC	250	kW	027	deg	WCAf	Hausa	
0500-0600	4930	BOT	100	kW	020	deg	Saf	English	
0500-0600	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti Tue-Su
0500-0600	6080	STP	100	kW	138	deg	CSAf	English	
0500-0600	7405	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti Tue-Su
0500-0600	9690	Lam	100	kW	104	deg	WAs	Kurdish	
0500-0600	9760	N	250	kW	105	deg	WAs	Kurdish	
0500-0600	11995	BIB	100	kW	105	deg	WAs	Kurdish	
0500-0600	15560	TH	250	kW	316	deg	CAs	Tibetan	
0500-0600	15580	BOT	100	kW	350	deg	Caf	English	
0500-0600	17860	PHT	250	kW	315	deg	CAs	Tibetan	
0500-0600	21570	PHT	250	kW	315	deg	CAs	Tibetan	
0530-0630	4960	STP	100	kW	030	deg	WCAf	French	Mo-Fri

0530-0630	6020	BOT	100	kW	010	deg	WCAf	French	Mo-Fri
0530-0630	9885	STP	100	kW	335	deg	WCAf	French	Mo-Fri
0530-0630	13830	BOT	100	kW	350	deg	CAf	French	Mo-Fri
0600-0630	6080	STP	100	kW	138	deg	CSAf	English	
0600-0630	9885	STP	100	kW	126	deg	CSAf	English	
0600-0630	15580	BOT	100	kW	350	deg	CAf	English	
0600-0700	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti Tue-Su
0600-0700	7405	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti Tue-Su
0630-0700	6080	STP	100	kW	138	deg	CSAf	English	
0630-0700	9885	STP	100	kW	126	deg	CSAf	English	
0630-0700	15580	STP	100	kW	126	deg	CAf	English	
0700-0730	4960	STP	100	kW	030	deg	WCAf	Hausa	
0700-0730	12070	STP	100	kW	000	deg	WCAf	Hausa	
0700-0730	17700	KWT	250	kW	250	deg	WCAf	Hausa	
0700-0900	5980	Wof	250	kW	172	deg	Cuba	Spanish	Radio Marti Tue-Su
0700-0900	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti Tue-Su
0900-1000	5980	Wof	250	kW	172	deg	Cuba	Spanish	Radio Marti
0900-1000	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
0900-1000	9880	PHT	250	kW	332	deg	EAs	Chinese	
0900-1000	11645	TH	250	kW	006	deg	EAs	Chinese	
0900-1000	11885	TH	250	kW	030	deg	EAs	Chinese	
0900-1000	13765	TH	250	kW	030	deg	EAs	Chinese	
0900-1000	15670	TH	250	kW	030	deg	EAs	Chinese	
1000-1100	5980	Wof	250	kW	172	deg	Cuba	Spanish	Radio Marti
1000-1100	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
1000-1100	9530	PHT	250	kW	349	deg	EAs	Chinese	
1000-1100	9880	PHT	250	kW	332	deg	EAs	Chinese	
1000-1100	11645	TH	250	kW	006	deg	EAs	Chinese	
1000-1100	13765	TH	250	kW	030	deg	EAs	Chinese	
1000-1100	15670	TH	250	kW	030	deg	EAs	Chinese	
1100-1130	11915	STP	100	kW	335	deg	WCAf	French	Sa
1100-1130	13735	STP	100	kW	020	deg	WCAf	French	Sa
1100-1130	15620	STP	100	kW	100	deg	WCAf	French	Sa
1100-1130	17850	VAT	250	kW	195	deg	WCAf	French	Sa
1100-1200	5980	Wof	250	kW	190	deg	Cuba	Spanish	Radio Marti
1100-1200	6030	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
1100-1200	9825	SAI	100	kW	325	deg	EAs	Chinese	
1100-1200	9530	PHT	250	kW	349	deg	EAs	Chinese	
1100-1200	12045	PHT	250	kW	332	deg	EAs	Chinese	
1100-1200	15670	TH	250	kW	030	deg	EAs	Chinese	
1200-1230	11965	PHT	250	kW	283	deg	SEAs	Burmese	
1200-1230	15555	PHT	250	kW	283	deg	SEAs	Burmese	
1200-1230	17680	PHT	250	kW	283	deg	SEAs	Burmese	
1200-1300	5890	TIN	250	kW	329	deg	EAs	Korean	
1200-1300	5980	Wof	250	kW	190	deg	Cuba	Spanish	Radio Marti
1200-1300	6045	TH	250	kW	030	deg	EAs	Chinese	
1200-1300	7235	PHT	250	kW	021	deg	EAs	Korean	
1200-1300	7405	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
1200-1300	7520	CLN-IRA	250	kW	049	deg	EAs	English	
1200-1300	9370	PHT	250	kW	270	deg	SEAs	English	
1200-1300	9530	PHT	250	kW	349	deg	EAs	Chinese	
1200-1300	9800	PHT	250	kW	021	deg	EAs	Korean	
1200-1300	9825	SAI	100	kW	310	deg	EAs	Chinese	
1200-1300	11635	TH	250	kW	030	deg	EAs	Chinese	
1200-1300	11750	PHT	250	kW	021	deg	EAs	English	
1200-1300	12150	TH	250	kW	030	deg	SEAs	English	
1230-1300	9695	PHT	250	kW	270	deg	SEAs	Laotian	
1230-1300	11965	PHT	250	kW	283	deg	SEAs	Laotian	
1300-1330	6095	Wof	250	kW	190	deg	Cuba	Radiogram	Su
1300-1400	5890	TIN	250	kW	329	deg	EAs	Korean	
1300-1400	6045	TH	250	kW	030	deg	EAs	Chinese	
1300-1400	7235	PHT	250	kW	021	deg	EAs	Korean	
1300-1400	7390	PHT	250	kW	332	deg	CAs	Cantonese	
1300-1400	7405	Wof	250	kW	205	deg	Cuba	Spanish	Radio Marti
1300-1400	7455	TH	250	kW	305	deg	WAs	Pashto	Deewa Radio
1300-1400	7495	KWT	250	kW	078	deg	WAs	Pashto	Deewa Radio
1300-1400	7520	PHT	250	kW	332	deg	EAs	English	Sa/Su
1300-1400	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
1300-1400	9530	PHT	250	kW	349	deg	EAs	Chinese	
1300-1400	9640	PHT	250	kW	270	deg	SEAs	English	Sa/Su
1300-1400	9825	SAI	100	kW	310	deg	EAs	Chinese	

1300-1400	9800	PHT	250 kW	021 deg	EAs	Korean	
1300-1400	11635	TH	250 kW	030 deg	EAs	Chinese	
1300-1400	11750	PHT	250 kW	283 deg	SEAs	English	Sa/Su
1300-1400	11930	Wof	250 kW	184 deg	Cuba	Spanish	Radio Marti
1300-1400	12150	TH	250 kW	030 deg	EAs	English	Sa/Su
1300-1400	13580	KWT	250 kW	070 deg	WAs	Pashto	Deewa Radio
1300-1400	13590	CLN-IRA	250 kW	263 deg	Eaf	Somali	
1300-1400	15620	BOT	100 kW	010 deg	Eaf	Somali	
1330-1430	11965	PHT	250 kW	270 deg	SEAs	Khmer	
1400-1500	4930	BOT	100 kW	020 deg	SAf	English	
1400-1500	5890	TIN	250 kW	329 deg	EAs	Korean	
1400-1500	6080	STP	100 kW	138 deg	SAf	English	
1400-1500	7235	TIN	250 kW	325 deg	EAs	Korean	
1400-1500	7255	KWT	250 kW	070 deg	CAs	Tibetan	
1400-1500	7390	PHT	250 kW	332 deg	CAs	Cantonese	
1400-1500	7455	TH	250 kW	305 deg	WAs	Pashto	Deewa Radio
1400-1500	7495	TH	250 kW	300 deg	WAs	Pashto	Deewa Radio
1400-1500	7520	TH	250 kW	280 deg	SAs	English	Mo-Fr
1400-1500	7530	PHT	250 kW	270 deg	CAs	Tibetan	
1400-1500	9315	TH	250 kW	316 deg	CAs	Tibetan	
1400-1500	9370	KWT	250 kW	070 deg	WAs	Pashto	Deewa Radio
1400-1500	9530	PHT	250 kW	349 deg	EAs	Chinese	
1400-1500	9605	PHT	250 kW	332 deg	CAs	Chinese	
1400-1500	9670	Lam	100 kW	075 deg	CAs	Tibetan	
1400-1500	9800	PHT	250 kW	021 deg	EAs	Korean	
1400-1500	9825	PHT	250 kW	332 deg	CAs	Chinese	
1400-1500	11850	BIB	100 kW	105 deg	WAs	Kurdish	
1400-1500	11930	Wof	250 kW	184 deg	Cuba	Spanish	Radio Marti
1400-1500	11995	Lam	100 kW	108 deg	WAs	Kurdish	
1400-1500	12045	TIN	250 kW	296 deg	EAs	Chinese	
1400-1500	13590	N	250 kW	105 deg	WAs	Pashto	Deewa Radio
1400-1500	13820	Wof	250 kW	184 deg	Cuba	Spanish	Radio Marti
1400-1500	12150	PHT	250 kW	270 deg	SAs	English	Mo-Fr
1400-1500	15215	TH	250 kW	280 deg	SAs	English	Mo-Fr
1400-1500	15580	BOT	100 kW	350 deg	CAf	English	
1430-1500	11825	CLN-IRA	250 kW	324 deg	WAs	Pashto	Radio Ashna
1430-1500	12140	KWT	250 kW	070 deg	WAs	Pashto	Radio Ashna
1430-1500	17580	BIB	100 kW	085 deg	WAs	Pashto	Radio Ashna
1430-1530	9355	PHT	250 kW	270 deg	SEAs	Burmese	
1430-1530	11965	PHT	250 kW	270 deg	SEAs	Burmese	
1430-1530	17680	PHT	250 kW	283 deg	SEAs	Burmese	
1500-1530	5875	TH	250 kW	316 deg	CAs	Uzbek	
1500-1530	6080	STP	100 kW	138 deg	SAf	English	
1500-1530	4930	BOT	100 kW	020 deg	SAf	English	
1500-1530	7520	TH	250 kW	280 deg	SAs	English	
1500-1530	9445	STP	100 kW	000 deg	WCAf	Hausa	
1500-1530	9570	VAT	250 kW	086 deg	CAs	Uzbek	
1500-1530	9715	VAT	250 kW	070 deg	CAs	Uzbek	
1500-1530	11750	STP	100 kW	020 deg	WCAf	Hausa	
1500-1530	11780	KWT	250 kW	046 deg	CAs	Uzbek	
1500-1530	12150	PHT	250 kW	270 deg	SAs	English	
1500-1530	15215	TH	250 kW	280 deg	SAs	English	
1500-1530	15580	CLN-IRA	250 kW	255 deg	CAf	English	
1500-1530	17700	BOT	100 kW	350 deg	WCAf	Hausa	
1500-1530	17895	STP	100 kW	100 deg	WCAf	English	
1500-1600	6140	TH	250 kW	018 deg	EAs	Learning English	
1500-1600	7455	TH	250 kW	305 deg	WAs	Pashto	Deewa Radio
1500-1600	7575	PHT	250 kW	200 deg	SAs	Learning English	
1500-1600	7495	TH	250 kW	300 deg	WAs	Pashto	Deewa Radio
1500-1600	9370	KWT	250 kW	070 deg	WAs	Pashto	Deewa Radio
1500-1600	9760	PHT	250 kW	021 deg	EAs	Learning English	
1500-1600	9965	PHT	250 kW	315 deg	WAs	Pashto	Deewa Radio
1500-1600	11930	Wof	250 kW	184 deg	Cuba	Spanish	Radio Marti
1500-1600	13820	Wof	250 kW	184 deg	Cuba	Spanish	Radio Marti
1500-1630	11825	CLN-IRA	250 kW	324 deg	WAs	Dari	Radio Ashna
1500-1630	12140	KWT	250 kW	070 deg	WAs	Dari	Radio Ashna
1500-1630	17580	BIB	100 kW	085 deg	WAs	Dari	Radio Ashna
1530-1600	4930	BOT	100 kW	020 deg	SAf	English	
1530-1600	6080	BOT	100 kW	350 deg	CAf	English	
1530-1600	7520	TH	250 kW	280 deg	SAs	English	
1530-1600	12150	PHT	250 kW	270 deg	SAs	English	

1530-1600	15215	TH	250	kW	280	deg	SAs	English	
1530-1600	15580	CLN-IRA	250	kW	255	deg	CAf	English	
1530-1600	17895	STP	100	kW	100	deg	WCAf	English	
1530-1630	9355	PHT	250	kW	270	deg	SEAs	Burmese	
1530-1630	11560	PHT	250	kW	270	deg	SEAs	Burmese	
1600-1630	12080	VAT	250	kW	169	deg	SAf	Kirunda	Sa
1600-1630	13580	CLN-IRA	250	kW	267	deg	EAF	Somali	
1600-1630	13755	STP	100	kW	100	deg	SAf	Kirunda	Sa
1600-1630	15460	STP	100	kW	100	deg	SAf	Kirunda	Sa
1600-1630	15620	BOT	100	kW	010	deg	EAF	Somali	
1600-1630	17860	Wof	250	kW	045	deg	WEu	Radiogram	Sa
1600-1700	4930	BOT	100	kW	020	deg	SAf	English	
1600-1700	6080	BOT	100	kW	350	deg	CAf	English	
1600-1700	7405	TH	250	kW	300	deg	SAs	Bangla	
1600-1700	7455	TH	250	kW	305	deg	WAs	Pashto	Deewa Radio
1600-1700	7495	TH	250	kW	300	deg	WAs	Pashto	Deewa Radio
1600-1700	7560	TH	250	kW	319	deg	CAs	Tibetan	
1600-1700	7570	PHT	250	kW	275	deg	CAs	Tibetan	
1600-1700	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
1600-1700	9490	PHT	250	kW	283	deg	SAs	Bangla	
1600-1700	9760	CLN-IRA	250	kW	255	deg	CSAf	Learning English	
1600-1700	9965	TH	250	kW	300	deg	WAs	Pashto	Deewa Radio
1600-1700	11920	PHT	250	kW	315	deg	CAs	Tibetan	
1600-1700	11930	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1600-1700	13570	STP	100	kW	126	deg	CAf	Learning English	
1600-1700	13820	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1600-1700	15470	Lam	100	kW	132	deg	EAF	Learning English	
1600-1700	15580	STP	100	kW	138	deg	CAf	English	
1630-1700	11790	N	250	kW	150	deg	SDN	English	South Sudan Mo-Fr
1630-1700	11905	N	250	kW	150	deg	SDN	English	South Sudan Mo-Fr
1630-1700	12080	BOT	100	kW	350	deg	SDN	English	South Sudan Mo-Fr
1630-1700	13580	CLN-IRA	250	kW	267	deg	EAF	Somali	
1630-1700	13630	F	250	kW	180	deg	CAf	Portuguese	Fr
1630-1700	13755	BOT	100	kW	010	deg	CAf	Swahili	
1630-1700	15265	STP	100	kW	100	deg	CAf	Swahili	
1630-1700	15460	STP	100	kW	112	deg	CAf	Swahili	
1630-1700	15620	F	250	kW	135	deg	EAF	Somali	
1630-1700	17655	VAT	250	kW	238	deg	CAf	Portuguese	Fr
1630-1730	9770	N	250	kW	105	deg	WAs	Pashto	Radio Ashna
1630-1730	9975	KWT	250	kW	070	deg	WAs	Pashto	Radio Ashna
1630-1730	12140	KWT	250	kW	070	deg	WAs	Pashto	Radio Ashna
1700-1730	13580	CLN-IRA	250	kW	267	deg	EAF	Somali	
1700-1730	15620	CLN-IRA	250	kW	263	deg	EAF	Somali	
1700-1800	4930	BOT	100	kW	020	deg	ZWE	English/Shona/Ndebele	
1700-1800	6080	STP	100	kW	335	deg	CAf	English	
1700-1800	7455	TH	250	kW	305	deg	WAs	Pashto	Deewa Radio
1700-1800	7480	CLN-IRA	250	kW	310	deg	WAs	Kurdish	
1700-1800	7495	TH	250	kW	300	deg	WAs	Pashto	Deewa Radio
1700-1800	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
1700-1800	9655	BIB	100	kW	105	deg	WAs	Kurdish	
1700-1800	9965	TH	250	kW	300	deg	WAs	Pashto	Deewa Radio
1700-1800	11820	Lam	100	kW	108	deg	WAs	Kurdish	
1700-1800	11930	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1700-1800	12080	STP	100	kW	124	deg	ZWE	English/Shona/Ndebele	
1700-1800	13630	BOT	100	kW	350	deg	CSAf	Portuguese	
1700-1800	13820	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1700-1800	15455	STP	100	kW	126	deg	ZWE	English/Shona/Ndebele	
1700-1800	15580	VAT	250	kW	184	deg	CAf	English	
1700-1800	17655	Wof	250	kW	094	deg	CSAf	Portuguese	
1700-1800	17895	VAT	250	kW	184	deg	WCAf	English	
1730-1800	9320	CLN-IRA	250	kW	279	deg	EAF	Afan	Oromo Mo-Fr
1730-1800	9485	N	100	kW	140	deg	EAF	Afan	Oromo Mo-Fr
1730-1800	9755	BOT	100	kW	010	deg	EAF	Afan	Oromo Mo-Fr
1730-1800	9860	N	250	kW	145	deg	EAF	Afan	Oromo Mo-Fr
1730-1800	11905	KWT	250	kW	200	deg	EAF	Afan	Oromo Mo-Fr
1730-1800	13580	CLN-IRA	250	kW	267	deg	EAF	Somali	
1730-1800	15620	VAT	250	kW	139	deg	EAF	Somali	
1800-1830	4930	BOT	100	kW	020	deg	SAf	English	Sa/Su
1800-1830	4930	BOT	100	kW	020	deg	ZWE	English/Shona/Ndebele	Mo-Fr
1800-1830	6080	STP	100	kW	138	deg	SAf	English	
1800-1830	9645	F	250	kW	135	deg	SDN	Arabic	Afia Darfur

1800-1830	11615	VAT	250	kW	145	deg	SDN	Arabic	Afia Darfur
1800-1830	12080	STP	100	kW	126	deg	ZWE	English/Shona/Ndebele	
1800-1830	13630	BOT	100	kW	350	deg	CSAf	Portuguese	Mo-Fr
1800-1830	13715	CLN-IRA	250	kW	275	deg	SDN	Arabic	Afia Darfur
1800-1830	13755	CLN-IRA	250	kW	286	deg	EAF	English	
1800-1830	15455	STP	100	kW	124	deg	ZWE	English/Shona/Ndebele	
1800-1830	17655	BOT	100	kW	350	deg	CSAf	Portuguese	Mo-Fr
1800-1830	15580	STP	100	kW	100	deg	Saf	English	
1800-1900	7455	TH	250	kW	305	deg	WAs	Pashto	Deewa Radio
1800-1900	7495	TH	250	kW	300	deg	WAs	Pashto	Deewa Radio
1800-1900	9320	CLN-IRA	250	kW	279	deg	EAF	Amharic	
1800-1900	9370	KWT	250	kW	070	deg	WAs	Pashto	Deewa Radio
1800-1900	9485	N	100	kW	140	deg	EAF	Amharic	
1800-1900	9755	VAT	250	kW	139	deg	EAF	Amharic	
1800-1900	9860	N	250	kW	145	deg	EAF	Amharic	
1800-1900	9965	PHT	250	kW	340	deg	WAs	Pashto	Deewa Radio
1800-1900	11905	KWT	250	kW	200	deg	EAF	Amharic	
1800-1900	11930	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1800-1900	13820	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1830-1900	4930	BOT	100	kW	020	deg	Saf	English	
1830-1900	6080	STP	100	kW	138	deg	Saf	English	
1830-1900	6140	BIB	100	kW	088	deg	CAs	Azeri	
1830-1900	7315	BIB	100	kW	088	deg	CAs	Azeri	
1830-1900	9435	CLN-IRA	250	kW	332	deg	CAs	Azeri	
1830-1900	12080	STP	100	kW	126	deg	ZWE	English/Shona/Ndebele	
1830-1900	15455	STP	100	kW	124	deg	ZWE	English/Shona/Ndebele	
1830-1900	12040	STP	100	kW	100	deg	Saf	Kinyarwanda	Mo-Fr
1830-1900	13785	BOT	100	kW	010	deg	Saf	Kinyarwanda	Mo-Fr
1830-1900	15580	BOT	100	kW	350	deg	CSAf	English	
1830-1900	15225	GR	250	kW	094	deg	WCAf	French	
1830-1900	15620	GR	250	kW	094	deg	WCAf	French	
1900-1930	4930	BOT	100	kW	020	deg	Saf	English	
1900-1930	6080	STP	100	kW	138	deg	Saf	English	
1900-1930	9320	CLN-IRA	250	kW	279	deg	EAF	Tigrigna	Mo-Fr
1900-1930	9485	N	100	kW	140	deg	EAF	Tigrigna	Mo-Fr
1900-1930	9755	VAT	250	kW	139	deg	EAF	Tigrigna	Mo-Fr
1900-1930	9780	VAT	250	kW	146	deg	SDN	Arabic	Afia Darfur
1900-1930	9815	N	250	kW	150	deg	SDN	Arabic	Afia Darfur
1900-1930	9860	UAE	250	kW	225	deg	EAF	Tigrigna	Mo-Fr
1900-1930	11840	BOT	100	kW	010	deg	WCAf	French	
1900-1930	11905	KWT	250	kW	200	deg	EAF	Tigrigna	Mo-Fr
1900-1930	12080	STP	100	kW	052	deg	SDN	Arabic	Afia Darfur
1900-1930	15225	GR	250	kW	094	deg	WCAf	French	
1900-1930	15580	BOT	100	kW	350	deg	CSAf	English	
1900-2000	5875	PHT	250	kW	021	deg	EAs	Korean	
1900-2000	7470	CLN-IRA	250	kW	318	deg	N/ME	Learning English	
1900-2000	9390	TH	250	kW	038	deg	EAs	Korean	
1900-2000	9800	PHT	250	kW	021	deg	EAs	Korean	
1900-2000	11930	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1900-2000	13820	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
1930-2000	4930	BOT	100	kW	020	deg	Saf	English	
1930-2000	6080	STP	100	kW	138	deg	Saf	English	
1930-2000	11840	BOT	100	kW	010	deg	WCAf	French	
1930-2000	15225	GR	250	kW	094	deg	WCAf	French	
1930-2000	15670	Wof	250	kW	045	deg	WEu	Radiogram	Su
1930-2000	15580	BOT	100	kW	350	deg	CSAf	English	
2000-2030	4930	BOT	100	kW	020	deg	Saf	English	
2000-2030	6080	STP	100	kW	138	deg	Saf	English	
2000-2030	9480	STP	100	kW	020	deg	WAF	French	
2000-2100	9565	Wof	250	kW	164	deg	Cuba	Spanish	Radio Marti
2000-2030	9815	BOT	100	kW	010	deg	CAf	French	
2000-2030	15225	GR	250	kW	094	deg	WCAf	French	
2000-2030	11840	BOT	100	kW	350	deg	CAf	French	
2000-2100	11930	Wof	250	kW	184	deg	Cuba	Spanish	Radio Marti
2000-2030	15580	GR	250	kW	094	deg	CSAf	English	
2000-2030	15620	STP	100	kW	088	deg	CAf	French	
2030-2100	4930	BOT	100	kW	020	deg	Saf	English	
2030-2100	4940	STP	100	kW	030	deg	WCAf	Hausa	Mo-Fr
2030-2100	4940	STP	100	kW	030	deg	WCAf	English	Sa/Su
2000-2100	5875	PHT	250	kW	021	deg	EAs	Korean	
2030-2100	6040	STP	100	kW	000	deg	WCAf	Hausa	Mo-Fr

2030-2100	6040	STP	100	kW	000	deg	WCAf	Hausa		Sa
2030-2100	6080	STP	100	kW	138	deg	SAf	English		
2000-2100	9390	TH	250	kW	038	deg	EAs	Korean		
2030-2100	9480	BOT	100	kW	350	deg	CAf	French		Sa/Su
2030-2100	9765	N	250	kW	200	deg	WCAf	Hausa		Mo-Fr
2000-2100	9800	PHT	250	kW	021	deg	EAs	Korean		
2030-2100	9815	STP	100	kW	335	deg	WCAf	Hausa		Mo-Fr
2030-2100	9815	STP	100	kW	335	deg	WCAf	Hausa		Sa
2030-2100	9815	STP	100	kW	335	deg	WCAf	French		Su
2030-2100	11840	CLN-IRA	250	kW	275	deg	CAf	French		Sa/Su
2030-2100	11885	STP	100	kW	020	deg	WCAf	Hausa		Mo-Fr
2030-2100	15225	BOT	100	kW	350	deg	WCAf	Hausa		Sa
2030-2100	15225	BOT	100	kW	350	deg	WCAf	French		Su
2030-2100	15580	GR	250	kW	094	deg	CSAf	English		
2100-2130	9620	WOF	300	kW	182	deg	NWaf	French		Mo-Fr
2100-2130	9680	VAT	250	kW	146	deg	WCAf	French		Mo-Fr
2100-2130	9480	BOT	100	kW	350	deg	WCAf	French		Mo-Fr
2100-2130	9815	STP	100	kW	335	deg	WCAf	French		Mo-Fr
2100-2200	6080	STP	100	kW	138	deg	SAf	English		
2100-2200	9565	Wof	250	kW	164	deg	Cuba	Spanish		Radio Marti
2100-2200	11930	Wof	250	kW	184	deg	Cuba	Spanish		Radio Marti
2100-2200	15580	BOT	100	kW	350	deg	CAf	English		
2130-2200	7325	WOF	300	kW	180	deg	Waf	Bambara		Mo-Fr
2130-2200	9620	STP	100	kW	335	deg	Waf	Bambara		Mo-Fr
2130-2200	13670	Wof	250	kW	094	deg	Waf	Bambara		Mo-Fr
2130-2200	15255	ASC	250	kW	027	deg	Waf	Bambara		Mo-Fr
2200-2230	7260	PHT	250	kW	255	deg	SEAs	Khmer		
2200-2230	9435	CLN-IRA	250	kW	049	deg	SEAs	Khmer		
2200-2300	7365	PHT	250	kW	021	deg	EAs	English		Su-Thu
2200-2300	7405	Wof	250	kW	183	deg	Cuba	Spanish		Radio Marti
2200-2300	7425	KWT	250	kW	062	deg	CAs	English		Su-Thu
2200-2300	7440	TH	250	kW	030	deg	EAs	Chinese		
2200-2300	7480	PHT	250	kW	332	deg	EAs	English		Su-Thu
2200-2300	9545	PHT	250	kW	332	deg	EAs	Chinese		
2200-2300	9565	Wof	250	kW	164	deg	Cuba	Spanish		Radio Marti
2200-2300	11860	TH	250	kW	022	deg	EAs	English		Su-Thu
2230-2300	5820	TH	250	kW	030	deg	EAs	Learning English		
2230-2300	7460	TH	250	kW	359	deg	EAs	Learning English		
2230-2300	9490	PHT	250	kW	283	deg	EAs	Learning English		
2300-2400	5820	TH	250	kW	030	deg	EAs	Learning English		
2300-2400	5830	PHT	250	kW	275	deg	SEAs	English		
2300-2400	7365	PHT	250	kW	021	deg	EAs	English		
2300-2400	7405	Wof	250	kW	183	deg	Cuba	Spanish		Radio Marti
2300-2400	7460	PHT	250	kW	270	deg	SEAs	Learning English		
2300-2400	7480	TH	250	kW	030	deg	EAs	English		
2300-2400	9490	PHT	250	kW	332	deg	EAs	Learning English		
2300-2400	9565	Wof	250	kW	164	deg	Cuba	Spanish		Radio Marti
2300-2400	11860	TH	250	kW	022	deg	EAs	English		
2330-2400	6160	TH	250	kW	280	deg	SEAs	Burmese		
2330-2400	7430	PHT	250	kW	275	deg	SEAs	Burmese		
2330-2400	9325	PHT	250	kW	283	deg	SEAs	Burmese		

(Ivo Ivanov, Sofia, Bulgaria, DX MIX NEWS #810 Nov 20)

YEMEN - Radio Sanaa was observed again on shortwave November 26 and 27:

1300-1500 6135 ALH 050 kW non-dir to NE/ME Arabic, but distorted audio At 1300 poor, 1330 weak, 1400 good, 1445-1500 very good signal, SINPO 44544.

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 27)

Editor's info desk was closed for this edition on December 14th, 2013, at 17:00 UTC.

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

Till 2014 and the next edition - Walter Eibl

Sources & Contributors:

A-DX - e-mail exchange - Austria.

Alokesh 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.

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Abbreviations: (see last month)

Editor:

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

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

Used equipment:

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

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

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

BBC SEYCHELLES RELAY STATION TO CLOSE IN MARCH 2014

Source: BBC Media Centre 21 November 2013 <<http://www.bbc.co.uk/mediacentre/latestnews/2013/seychelles-relay.html>>

The British Broadcasting Corporation (BBC) announced today that the Indian Ocean Relay Station (IORS) transmitter site at Grand Anse, Mahé, will cease all shortwave transmissions on 29 March 2014. The site was established in 1988 and has been in continuous service since then, relaying BBC broadcasts to audiences in East Africa primarily in English and Somali.

The closure will not affect the availability of BBC World Service programmes in Seychelles, which are relayed from satellite broadcasts on to local FM frequencies 106.2, 105.6 and 105.2 MHz. In areas of East Africa still dependent upon shortwave broadcasts, the signal will be supplied by other relay stations. The announcement follows an earlier decision to stop all shortwave broadcasts from the BBC World Service site in Cyprus for similar commercial, technological and audience reach reasons.

These ended in March of this year.





The announcement will unfortunately result in 11 staff being put at risk of redundancy. The staff over the last 25 years have operated and maintained this shortwave broadcast facility with passion, expertise and professionalism. The technical ability and commitment of the team at the IORS has been applauded by the BBC World Service.

The decision to close the site has been taken due to changing commercial and technological circumstances. As countries develop and their media markets open, listening and viewing habits have changed. New technology has changed the way audiences listen to BBC programmes and reduced the importance of shortwave broadcasts in much of the area currently served by the IORS, making the IORS commercially unviable. The BBC is supporting the development of new delivery platforms such as internet and mobile streaming as well as FM radio and TV broadcasts. Shortwave

broadcasts continue to regions and markets where listening remains strong and BBC services can be delivered efficiently to large geographic areas.

(via Mike Terry, Nov 22, dxldyg via WOR 1697, DXLD)

	<h2>QSL CORNER</h2> <p>Editor: Dario Gabrielli, Viale della Resistenza 33b, IT-30031 Dolo (Ve), ITALY eMail: qsl@wwdxc.de</p>	
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Australia:

HCJB Australia (HCJB Japan) 15525 kHz. Japanese program. Full data QSL card "November 2013 - Butterflies" received in 17 days for report with two 80 yen stamps to: HCJB Japan c/o Yodobashi Church, 1-17-8, Hyakunincho, Shinjuku-ku, Tokyo, 169-0073 Japan (HT)

China:

China Radio International 7325 kHz. Japanese program. Partial data QSL card "Tujia ethnic minority group" received in 51 days for report to: <nihao2180@cri.com.cn> (HT)

China Radio International 7220 kHz. Japanese program. Partial data QSL card "She ethnic minority group" received 22 days for report to: <nihao2180@cri.com.cn> (HT)

Germany:

Radio Gloria 6190 kHz. German program. e-QSL received in 1 day for report to <radiogloria@aol.com> (GK)

Guam:

TWR Asia - KTWR 15235 kHz. Chinese program. Full data E-QSL received in 22 days for report to: <<http://www.twr.asia/online-qsl-form>> (HT)

India:

All India Radio Itanagar, 4990 kHz. English Program. Full data verification letter received in 18 days for report sent to: All India Radio Director of Spectrum Manager, P.o. Box 500 New Delhi 110 001 (India) (SC)

Indonesia:

Voice of Indonesia 9.525 Khz. German Program; Full data report and QSL representing the President Palace in Bogor, West Java received after 51 days but received an e-mail earlier on 24 October 2013; e-mail: <voi.deutsch@gmail.com> (GK)

Iran:

Islamic Republic of Iran Broadcasting 15555/13710/11765 kHz. Japanese program. Full data QSL card "Iran - Hamedan - The Mausoleum of Baba Taher-e Orian (poet)" received in 62 days for report to Japanese Section: <jar@irib.ir> (HT)

Korea (Rep):

KBS World Radio 11795 kHz. Spanish program. Full data QSL card "¡Les presentamos las 60 fotos ganadores del evento KBS WORLD RADIO Y YO!" received in 28 days for report to: <spanish@kbs.co.kr> (HT)

Mongolia:

Voice of Mongolia 12015 kHz. Japanese program. Full data QSL card "Modern art of Mongolia - Horse ladies" received in 15 days for report to Japanese Section: Voice of Mongolia, Japanese Section, C.P.O. Box 365, Ulaanbaatar 211213, Mongolia (HT)



Modern Art of Mongolia

Northern Mariana Islands:

Radio Free Asia via Tinian 9385 kHz. Korean program. Full data QSL card "17th Anniversary" received in 15 days for report to: <http://www.techweb.rfa.org/qsldxz.php> (HT)

Philippines:

FEBC Philippines 9430 kHz. Chinese program. Full data QSL card "Monkey-Eating Eagle" received in 667 days for report with 2 IRC's to: FEBC Philippines, P.O. Box 1, Valenzuela City, 0560 Philippines (HT)

FEBC Philippines 15435 kHz. Chin Mro program. Full data QSL card "Monkey-Eating Eagle" received in 422 days for report with 1 IRC to: FEBC Philippines, P.O. Box 1, Valenzuela City, 0560 Philippines **This address is old. The new one is: FEBC Philippines, P.O. Box 14205, Ortigas Center, Pasig City 1605, Philippines (HT)

Taiwan:

Radio Taiwan International 9955 kHz. German program. QSL Card received after 30 days with schedule of German program for reception report sent to: <deutsch@rti.org.tw> (GK)

United Arab Emirates:

Deutsche Welle via Dhabayya 15640 kHz. Pashto program. Full data QSL card "60 years of fostering global exchange" received in 11 days for report to <info@dw.de> (HT)

Vietnam:

Voice of Vietnam 12020 kHz. Japanese program. Full data QSL card "Do Son Buffalo Fighting Festival" received in 17 days for report to: <vovjapanese@yahoo.com> (HT)

The reporters of this edition of 'QSL CORNER' are:

- HT** = Hironori Takeuchi, Chiba, Japan
- GK** = Gerard Koopal, Almere, Netherlands
- SC** = Swopan Chakroborty, Kolkata, India



Dear friends,

Again this month we have received some contributions from you and we are very happy because we can keep alive this pages that I hope I can write continuously in future. I take the opportunity to wish to you Merry Christmas and a Happy New Year with your families and good listening and a good life for next year,

Dario



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.
720.0	2010	111	G	Newspoint,Oldham	English	News	1411	MF
729.0	2015	111	G	Viewpoint,Oldham	English	High price Christmas	1411	MF
756.0	1920	222	G	Hastings XL	English	Cinema Theatre	1411	MF
783.0	1900	121	G	Classic Premier,Hereford	English	Program	1411	MF
792.0	1910	111	G	Hastings Premier	English	Hastings Horse Race	1411	MF
8010	1950	111	G	Classic Premier,Warwick	English	Agriculture Politics	1411	MF
8100	2000	111	G	Cl. Prem.,Stratford Avon	English	Sports	1411	MF
855.0	1930	311	G	Maidstone XL	English	Program	1411	MF
936.0	0700	211	G	Viewpoint, Dover	English	Ferries Police	0811	MF
954.0	0705	211	G	Dover XL	English	Tourism Board	0811	MF
972.0	0710	211	G	Talkport,Dover	English	Gangster arrest on Ferry	0811	MF
1008.0	0615	433	G	Classic Gold,Bath	English	Good Morning Bath	0811	MF
1062.0	0620	422	G	Viewport,Plymouth	English	Our boys in Saudi Arabia	0811	MF
1179.0	0625	322	G	Premier Sailing,Plymouth	English	Sailing in Pacific Ocean	0811	MF
1251.0	0630	322	G	Bristol XL	English	Haven of Bristol	0811	MF
1440.0	0002	444	ARS	BSKSA	Arabic	news; ID; arab MX	1411	SG
1440.0	0555	454	LUX	RTL Radio	German	Jingle; Popmx; ID; NX	2611	SG
1440.0	2358	554	LUX	CRI via RTL	German	MX; lux. NA; c/d 0001	1311	SG
1494.0	0630	111	G	Classic Premier,Leeds	English	Traffic Police	0811	MF
1530.0	0028	444	ROU	R. Romania Actualitad	Romanian	ID; ann; rpt NSA	1411	SG
1575.0	0020	444	THA	Radio Farda Relay	Arabic	ID; popmusic; ID	1411	SG

SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3955.0	2100	454	G	KBS-WorldRadio	French	ID; NX; ann; ID	1311	SG
3965.0	2100	554	F	RTI Relay	German	NX; Börse; WX; ID	1311	SG
3985.0	2015	444	D	Radio Prag via Kall	German	Sportprt; ID; adr	1311	SG
4775.0	2255	232	B	Radio Congohas	Portugese	Music,Religious program	2311	HD
4795.0	0014	222	KGZ	Kyrgyz Radio Bishkek	Vernacular	Local music	2311	HD
4845.2	2201	222	B	Radio Cultural d Amazonia	Portugese	Music,ID,Anncts.	2211	HD
4855.0	2055	222	B	Radio Clubo do Parasein	Portugese	Anncts.,Music,report,ID	2211	HD
4895.0	2322	333	MNG	Voice of Mongolia	Vernacular	Talks,ID,Music	2211	HD
4915.0	2312	222	B	Radio Daqui	Portugese	Anncts.,Music	2211	HD
4925.0	2245	222	B	Radio Educacao Rural	Portugese	Music,Talk,Jingle	2311	HD
5025.0	0614	232	CUB	Radio Rebelde	Spanish	Music, Anncts.	0811	HD
5040.0	0035	444	CUB	RHC	English	sports desk; ID	1411	SG
5820.0	1830	433	SVK	Radio Slovakia Intl.,	German	ID News,Kultur,Music	1511	HD
5830.0	0501	553	USA	WTWW	English	World of Radio # 1697	0112	RL
5905.0	2055	544	RUS	Radio Rossii	Russian	Hymn,ID,Sign off	1511	HD

5920.0	0055	444	USA	WHRI	English	ID; adr; c/d 0059	1411	SG
6020.0	0407	553	ROU	Radio Romania Intl.,	English	Inside Romania	0212	RL
6055.0	0004	544	E	REE	English	Listeners Club	0812	RL
6155.0	0600	454	AUT	Ö1 International	German	IS; ID; NX; rpts	2611	SG
6175.0	2100	454	UAE	Stimme Vietnams	German	ID; NX; ASEAN; HBF	1311	SG
6175.0	2250	454	ALB	CRI via Cerrik	Portuguese	ID; ann; Andrea Bocelli	1311	SG
6180.0	0108	444	B	RN Amazonia	Portuguese	futbol rpts Maracana; ID	1411	SG
7205.0	1828	554	TUR	TRT-Stimme der Türkei	German	ID; TS; TA; NX; HBF	1311	SG
7250.0	1745	444	BGD	Voice of Islam	English	ID; Koran; ID; Islam	1311	SG
7250.0	1818	444	BGD	Bangladesh Betar	English	ann; folksong; ID; NX	1311	SG
7295.0	2204	444	MLA	RTM Traxx	English	Pop Muisc	2311	HD
7300.0	0029	553	D	Radio Waves Intl.,	English	African Toto music	2411	RL
7305.0	0430	453	ROU	Radio Romania Intl.,	English	All that Jazz	0212	RL
7310.0	2153	553	ROU	Radio Romania Intl.,	English	DX mailbag	0112	RL
7335.0	1300	554	ROU	RRI	German	IS; ID; NX; FBK	2411	SG
7345.0	0700	454	ROU	RRI	German	IS; ID; NX; Wirtschaft	2611	SG
7465.0	2031	454	ALB	Radio Tirana	German	IS; ID; NX; HBF	2211	SG
7425.0	1746	544	IRN	IRIB	German	Politik,ID,Music,HBF	1711	HD
7450.0	0710	333	GRC	Radio Planeti	Greek	Songs "Wind of Change"	0812	KK
9395.0	2320	454	ARM	Voice of Russia Relay	English	political talks; ID	1311	SG
9425.0	1600	444	KRE	Stimme Koreas	German	IS, Ids; NA; Chöre; NX	1211	SG
9475.0	2146	444	USA	WTWW	English	Religious program	1611	HD
9505.0	1706	553	OMA	BBC WS	English	President, Parliament	0612	RL
9515.0	2054	333	B	Radio Marubmy	Portugese	Music,Anncts., ID	0811	HD
9535.0	2000	444	THA	Radio Thailand	German	HSK-9-ID; NX; MX	1311	SG
9630.0	2144	333	B	Radio Aparecida	Portugese	Music,Talk	1611	HD
9645.0	2117	222	B	Radio Bandeirantes	Portugese	Jingle,Reportage	0811	HD
9690.0	2120	444	NIG	Voice of Nigeria	Vernacular	Report,interview,sign off	1611	HD
9710.0	2200	333	CUB	Radio Habana	Spanish	ID,Politics,Talks	1611	HD
9765.0	1643	453	NZL	Radio New Zealand Intl.,	English	Mailbox	2511	RL
9835.0	2112	433	MLA	RTM Sarawak	Malay	Music,Anncts.	1611	HD
9835.0	2310	343	D	Andenstimme Nauen	German	ID; ann; Bibel	1311	SG
9855.0	2338	444	UAE	Radio Australia Relay	English	talk music coop.; ID	1311	SG
9915.0	2149	453	ASC	BBC WS via relay	English	Nelson Mandela	0612	RL
9945.0	2246	553	IND	All India Radio	English	News	0612	RL
9930.0	1245	544	PAL	WHRI	English	Gospel,ID	2411	HD
9955.0	0130	553	USA	R. Slovakia Intl. via WRMI	English	Belly dancer	0612	RL
11730.0	1730	444	TUR	Voice of Turkey	English	ID; ann; NX; mailbag	1311	SG
11730.0	1800	242	BLR	Radio Belarus	German	IS; ID; ann; qrm VoT	1311	SG
11750.0	0612	454	ALB	CRI-Relay Cerrik	English	phone on energy; ID	2611	SG
11765.0	2111	333	B	Super Radio Deus e Amor	Portugese	Anncts., Jingle,Music	0811	HD
11775.0	2132	433	AIA	Caribbean Beacon	English	Gospel	2311	HD
11780.0	2140	333	B	Radio Nacional Amazonia	Portugese	Live Football,ID,Jingle	2311	HD
11800.0	1804	553	AFS	NHK	English	Made in Japan, Porcelain	0612	RL
11815.0	2138	232	B	Radio Brasil Central	Portugese	Music,Anncts.	0811	HD
11855.0	2144	333	B	Radio Aparecida	Portugese	Music,Talks	0811	HD
12095.0	1800	553	SEY	BBC WS	English	Nelson Mandela tribute	0612	RL
13570.0	2109	333	USA	WINB	English	Gospel	2311	HD
13740.0	0609	343	ROU	RRI	French	ID; pro memoria	2611	SG
13800.0	1533	444	SDN	Radio Dubanga	Vernacular	ID,Report,Jingle	1811	HD
13845.0	2119	444	USA	WWCR	English	Program	2311	HD
15235.0	1733	453	AFS	Chaneel Africa	English	Nelson Mandela tribute	0612	RL
17615.0	0630	353	CHN	CRI	German	ID; popmusic; ID; rpt	2611	SG
17720.0	0600	454	CHN	CRI	German	IS; ID; NX; rpts	2611	SG

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

- 5910.0 ROMANIA. Radio Romania International – Tiganesti, 0207-0235 Dec 7, Romanian language program which appeared to be a variety show of some sort with a lot of discussions between several people, laughter, and musical selections. Good signal.
- 7220.0 IRAN. Voice of Palestine – Kalalabad, 0335-0417* Dec 7, much Arabic language talks, music and group discussions until carrier cut at 0417 ending transmission. Poor to fair.
- 7425.0 ALBANIA. Radio Tirana, 0235-0258* Dec 7, man announcer with news in English followed by Press Review. After station ID Profile program followed. Some light pop music before closedown with IS. Fair to good.
- 9560.0 VATICAN. Vatican Radio – Santa Maria Galeria, 0143-0158* Dec 7, English program but a very poor level with only identifiable characteristic being the station's IS at 0158 closedown.
- 9660.0 MADAGASCAR. Vatican Radio - Talata-Volondry, *0259-0329* Dec 7, IS followed by African Service ID by man opening English service with Nelson Mandela's passing being the lead news story. Several nice IDs during broadcast with African News Panorama following the news. Good signal. (D'Angelo-PA)
- 9965.0 THAILAND. Radio Thailand, 1936-1959* Dec 7, man and woman with English service with news, news features, promos and IDs. Poor.
- 17540.0 CLANDESTINE (Rwanda). Radio Mara – Talata-Volondry, 1732-1758* Dec 7, discussion between a man in the studio and another man from a remote location in presumed Kinyarwanda language. Some light instrumental music between segments with a regional vocal at closedown. Fair to good.
- 17775.0 USA. KVOH – Los Angeles, 1520-1651 Dec 8, testing per e-mail from Ray Robinson with inspirational music and "La Voz de Esperanza" IDs noted by a male announcer. Jazz from 1600 with English announcements. Fair with some moderate fading.

Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA during French Creek DXpedition November 17-19, 2013:

- 3365.0 BRAZIL Radio Cultural - Araraquara, 2310-0022 Nov 17, man announcer with Portuguese talks hosting a program of Brazilian pop music with several IDs. Poor to fair.
- 4716.7 BOLIVIA. Radio Yura - Yura, 0145-0230* Nov 19, rustic program of vocals with a man announcer hosting with Spanish talk. Poor but very noisy conditions.
- 4775.0 PERU. Radio Tarma, 2303-0020 Nov 17, group singing with a man announcer hosting with Spanish talks. Re-check at 0020 but already gone. Fair.
- 4780.0 DJIBOUTI. Radiodiffusion Television de Djibouti (presumed), 2203-2212 Nov 17, seemingly running late with a man with recitations from Qur'an with carrier cut at 2212. Poor to fair.
- 4781.7 ECUADOR. Radio Oriental - Tena, 2306-0005* Nov 17, Man and woman talking in Spanish follow dby another man with vocals selection. Man announcer with IDs and TCs and more Ecuadorian music programming. Carrier cut mid-song. Fair to good.
- 4940.0 CHINA. Voice of the Strait - Fuzhou, 1032-1107 Nov 18, Amoy service with talks and group vocals. Time pips, ID and news at 1100. Poor to fair. (D'Angelo-PA/FCDX)
- 5010.0 TAIWAN. Radio Taiwan International - Kouhu, 2224-2302 Nov 17, found this while tuning around noted with Chinese talks, light music, music fanfare followed by ID and several mentions of "Taipei" and time pips at 2300. Fair to good.
- 5915.0 ZAMBIA. ZNBC - Lusaka, 0351-0403 Nov 19, man talking followed by tribal vocals with drums. Poor but in the clear until clobbered by another station opening at 0400 on 5910.
- 5939.9 BRAZIL. Radio Voz Missionaria - Camboriu, 2235-2302 Nov 18, discussion program with several men talking. Jingle Bells instrumental music with a man in Portuguese talking over the music. ID at 2259 followed by frequency announcements and choral national anthem. More talk from 2302. Fair.
- 5950.0 ETHIOPIA. Voice of Tigray Revolution - Mekele, 0346-0400 Nov 18, Horn of Africa vocals, IS at 0359 followed by a man announcer with ID and woman announcer with news in listed Tigrinya language. Poor to fair. Next evening (Nov 19) noted opening at 0257 with familiar IS and a man opening at 0301.
- 5970.0 BRAZIL. Radio Itatiaia - Belo Horizonte, 2203-2215 Nov 18, man announcer with Portuguese talk followed by jingle ID at 2215. Fair.
- 5985.0 CHINA. China Radio International - Xian, 2216-2238 Nov 17, Japanese program with talks by man announcer and Japanese pop vocals. Fair with some fading.
- 6055.0 RWANDA. Radio Rwanda, 2035-2101* Nov 17, group singing with drums followed by long talk by a man and woman. Later another man with speech. Closed with soft instrumental music without any formal announcements. Fair.
- 6100.0 BOSNIA. International Radio of Serbia - Bijelina, *2159-2212 Nov 19, IS followed by opening instrumental music and a man announcer with English ID and announcements followed by news. Good signal.
- 6135.0 ENGLAND. Voice of Vietnam - Woofferton, 2006-2030* Nov 17, Russian broadcast with news items, brief instrumental music segments and talk features and several IDs. Woman announcer closed program at 2127 followed by a few minutes of dead air until the carrier was terminated. Fair.
- 6155.0 INDIA. All India Radio - Aligarh, 0221-0223 Nov 19, music program with man announcer in listed Urdu language. Carrier cut at 0223. Poor to fair.
- 6155.0 SOUTH AFRICA. Channel Africa - Meyerton, 0320-0342 Nov 19, woman announcer in English talking about Nelson Mandela, 0330 ID and story about Egypt's Morsi, jingle ID at 0340. Fair.
- 7200.0 MYANMAR. Myanmar Radio (presumed), 1140-1206 Nov 19, thanks to John Figliozzi noted a woman announcer with long talk followed by flute music and then some vocals with flutes. Poor.
- 7290.0 ROMANIA. IRRS - Tiganesti, 1953-2000* Nov 19, man announcer with English language religious talk followed by "Word for the World" announcement at 2058 and IRRS ID and announcements inviting QSL requests. Fair to good.
- 9430.0 PHILIPPINES. Far East Broadcasting Corporation Radio, 1104-1134 Nov 19, Mandarin language program with English/Mandarin language lesson. ID at 1130 appeared to mention "I Radio". Good signal.
- 9435.0 KOREA (North). Voice of Korea - Pyongyang, 1332-1357* Nov 18, woman announcer in English hosting program of Korea music. Closedown ID and announcements at 1355. Fair to good with //11710 fair.
- 9635.75 VIETNAM. Voice of Vietnam - Son Tay, 1205-1226 Nov 18, woman announcer with news in Vietnamese language. ID at 1211 followed by several remote reports. Fair.

- 9645.4 BRAZIL. Radio Bandeirantes - Sao Paulo, 0250-0318 Nov 19, two men speaking in Portuguese language Poor to fair.
- 9890.0 UNITED ARAB EMIRATES. Radio Australia - Dhabbiya, 2307-2330* Nov 18, man announcer interviewing two females one writers / singers in English. Program ended at 2323 followed by station ID, TC and feature about spying on neighbors (Australia spying on Indonesia) with discussion about Australian-Indonesian relations.
- 9940.0 CLANDESTINE (Sudan). Radio Miraya - Grigariopol, 0316-0341 Nov 18, jingle IDs and music programming until 0330 when time check for 6:30 AM and English language news headlines. Program IDs as well as station IDs, program previews, etc. Fair.
- 9960.0 CLANDESTINE (Cambodia). Khmer Post Radio - Palau, 1225-1300* Nov 19, woman announcer with talks in listed Khmer language, several remote conversations, some light instrumental music between segments. At 1258 woman announcer closedown over instrumental music with carrier terminated at 1300. Fair.
- 9965.0 THAILAND. Radio Thailand, 1956-1959* Nov 17, woman announcer ending English language broadcast with information about fundraising activities, man announcer with weather followed by ID and sign off. Good.
- 9965.0 PALAU. Radio Australia via T8WH, 1316-1331 Nov 18, segment in English about immigrant workers and respect for human rights. ABC News IDs, sports about cricket team. Poor but //9580 was good and 6150 was also poor.
- 11600.0 PAKISTAN. Radio Pakistan - Islamabad, 0125-0203 Nov 18, man announcer with talk in Urdu language, recitation form Qur'an, more talk, time pips and ID at 0200. Poor but down in the mud by tune out.
- 11665.0 MALAYSIA. RTM Wai FM - Kajang, 2312-2322 Nov 18, thanks to John Figliozzi this one noted with group singing and a man announcer. Poor to fair.
- 11735.0 ZANZIBAR. Zanzibar Broadcasting Corporation, 1940-2059* Nov 17, man and woman talking in Swahili, music program with ID followed by the news at 2000. Closedown at 2058 with ID and frequency announcements followed by part noises until carrier cut. Good signal.
- 11735.0 KOREA (North). Voice of Korea - Pyongyang, *0401-0438 Nov 18, English program opening with ID and multiple anthems followed by news. Poor to fair with deep fades. //13760 was poor but faded by 0417.
- 11740.0 INDIA. All India Radio - Aligarh, 0243-0312 Nov 18, man announcer in listed Pashtu language hosting program of Hindu vocals. Dari language program at 0300. Poor to fair.
- 11750.0 PHILIPPINES. Voice of America - Tinang, 1244-1300* Nov 18, English transmission with news features about creating jobs, studying in the US and France presenting Bob Dylan with Legion of Honor award. Ended with this day in history segment. Fair to good.
- 11790.0 RUSSIA. Tatarstan Wave - Novosibirsk (presumed), 0439-0500* Nov 18, program of vocals with some talk segments until anthem like music at 0459 followed by carrier termination. Poor.
- 13725.0 THAILAND. BBC - Nakhon Sawan, 0052-0109 Nov 18, English service with Your Money programming commencing at 0100. Good signal.
- 13745.0 THAILAND. Radio Thailand, *0000-1015 Nov 18, English Newshour program hosted by a man and woman with news, features, promos, ads, etc. Very good signal. Antenna switch at bottom of the hour but still reasonably strong with continued English. Thai language program commenced at 0100 and still pretty good signal.
- 15105.0 BANGLADESH. Bangladesh Betar, *1228-1300* Nov 18, IS, time pips and woman announcer with ID and English language opening announcements. national and international news, news commentary and some Bangladeshi local music. Closedown at 1259 mentioning incorrect 7,250 kHz frequency for this transmission. Fair to good.
- 15245.0 CLANDESTINE (Eritrea). Radio Assenna, *1659-1737 Nov 18, open carrier followed by male vocals at 1700, man announcer in listed Tigrinya language with ID, frequency and online information. News at 1792. Fair.
- 15335.0 SINGAPORE. BBC - Kranji, 0104-0125 Nov 18, man announcer with news in English followed by ID. Fair.
- 15680.0 CLANDESTINE (Iran). Sedaye Radio-ye Mehr Iran - Issoudun, *1630-1658* Nov 18, choral singing opening followed by Farsi language ID several mentions of "Iran" dramatic music segments. Program mainly of talks but marching band anthem at 1655 followed by closing ID and apparent address. Carrier cut at 1658. Fair.

Thanks a lot to our club members for your contributions:

- HD : Harald Denzel, Egelsbach, Germany. JRC NRD 545-DSP & Lowe HF 150 with paOrdt Mini-whip, Grahn GS5SE Modul MI3.
- KK : Klaus Köhler new member from Germany. NRD-545 DSP with 20 metres longwire.
- MF : Michael Frese, Osnabrueck, Germany. Grundig Yatchboy with telescopic aerial.
- PH : Paul Hayes, Limerick, Ireland. Sangean 909 ATS/ICOM IC R4/SONY ICF 7600 & Satellit 450 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 wire antenna in the trees.
- SG : Siegbert Gerhard, Frankfurt am Main, Germany. AOR AR 7030 + EMF Satellit 700 + T Sangean ATS 818 + T.

Dear Friends,

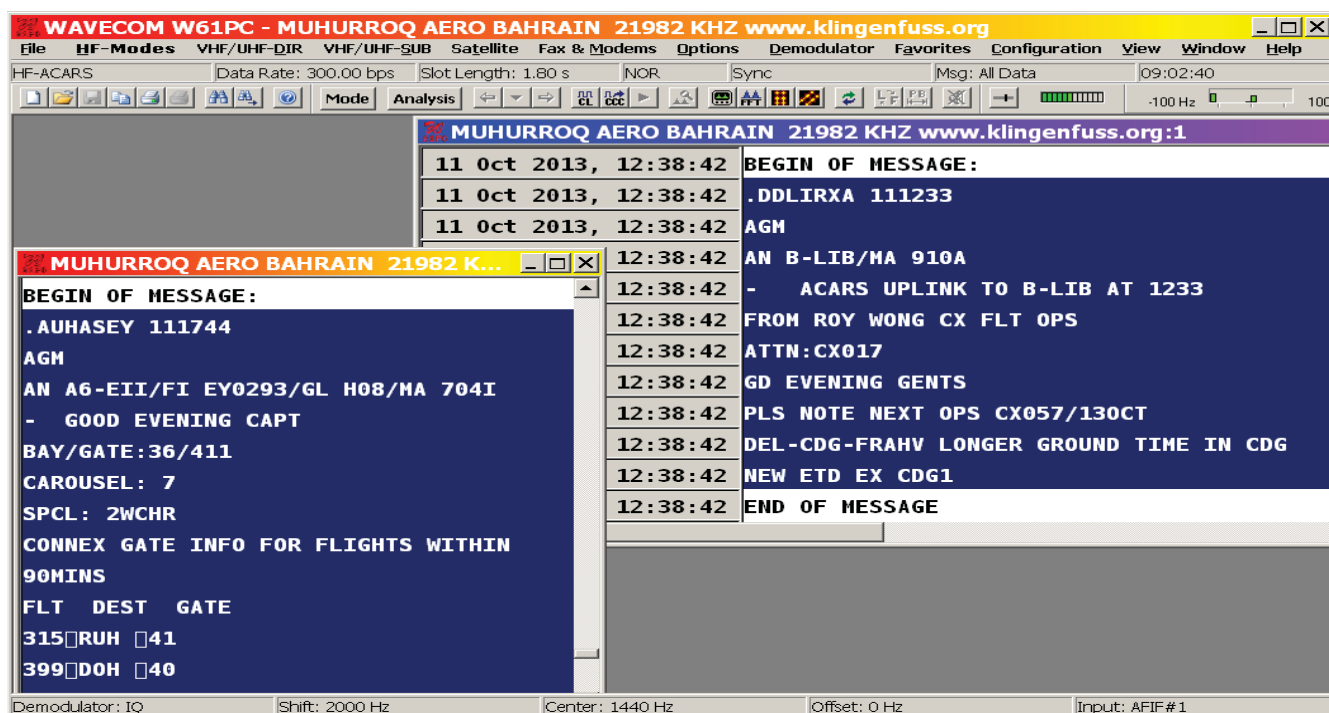
Welcome to the last edition of Logbook for this year.

Thanks to all our members who sent their loggings for this section throughout the year.

Wishing you all a Merry Christmas and a Happy New Year 2014,

Ashok Kumar Bose

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