

1 - 2014 € 1,50

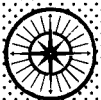
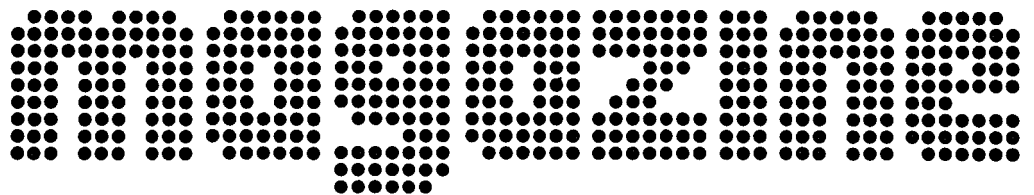
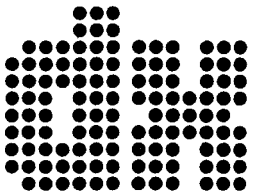
BBC ORTF  
ADIO MOSKOU  
NDR RAI TVR



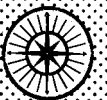
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WORLD WIDE DX CLUB



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

## WORLD RADIO TV HANDBOOK 2014

Prices for orders from WORLDWIDE DX CLUB ■ Preise bei Bestellung beim WORLDWIDE DX CLUB:

€32.00, including postage and packing inside Europe.

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DX MAGAZINE No. 1

Vol. XLIX

January 2014

Hello again,

Welcome to the first issue of our DX MAGAZINE in this New Year 2014. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2014 recently and especially those who have added a donation for the club to their payment. Many thanks also to all of you who have ordered the new WORLD RADIO TV HANDBOOK 2014 from us.

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

**NEWS ABOUT BROADCASTING (+other) STATIONS**  
**Walter Eibl · Postfach 15 45 · D-91005 Erlangen · GERMANY**

**ALASKA** - Winter B-13 of KNLS The New Life Station:

0800-0900 9655 NLS 100 kW / 285 deg EAs Russian  
 0900-1000 9655 NLS 100 kW / 285 deg EAs Chinese  
 1000-1100 9615 NLS 100 kW / 285 deg EAs English  
 1100-1200 9615 NLS 100 kW / 285 deg EAs Chinese  
 1200-1300 9615 NLS 100 kW / 285 deg EAs English  
 1300-1400 9680 NLS 100 kW / 285 deg EAs Chinese  
 1400-1500 9615 NLS 100 kW / 285 deg EAs Chinese  
 1500-1600 9655 NLS 100 kW / 285 deg EAs English  
 1600-1700 6190 NLS 100 kW / 285 deg EAs Russian  
 1700-1800 6190 NLS 100 kW / 285 deg EAs Russian  
 (Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013)

**BANGLADESH / CHINA / INDONESIA** - Terrible 4750 kHz; a very very bad mixture on 4750 kHz channel at 1400 UT, probably as follows:

4749.954 INS  
 4749.986 PBS Qinghai CHN  
 4749.996 CNR1 Huhot CHN  
 4750.000 BGD  
 (wb, wwdxc BC-DX TopNews Jan 9)

*There are a lot of really free channels in that band at that time ... (we)*

**BRAZIL** - 4805, R. Dif. do Amazonas, Manaus AM, 2232-2240, 21/12, canções; 23341, QRM de CODAR.

4815, R. Dif.<sup>a</sup>, Londrina PR, 2312-2325, 19/12, canções; 34342, QRM de CODAR + sinal adjacente de emissora

de ponto a ponto.

4845.2, R. Cultura Ondas Tropicais, Manaus AM, 2310-2324, 19/12, A Voz do Brasil; 44433, QRM de CODAR; áudio de má qualidade, igualmente notado em 21/12.

4865.8, R. Alvorada, Londrina PR, 2306-2317, 19/12, propaganda religiosa; 23341, QRM de CODAR.

4895, R. Novo Tempo, Cp.º Grande MS, 2218-2230, 21/12, propag. relig. Da Igreja Adventista do 7.º dia, anúncios de programação; 34432.

4925.2, R. Educação Rural, Tefé AM, 2237-2246, 21/12, entrevista; 24331, QRM da China, em 4920.

4985, R. Brasil Central, Goiânia GO, 2216-2228, 21/12, canções; 43432, QRM adjacente de sinal de teletipo; // 11815 com SINPO 45433.

5035, R. Aparecida, Aparecida SP, 2300-2311, 19/12, programa 'Com a Mãe Aparecida', lista de retransmissoras; 44432, espalhamento do sinal cubano, em 5040.

6120, SRDA, São Paulo SP, 2341-2349, 19/12, D. Miranda "vociferando" propag. relig. e escutando testemunhos de curas, com as frases principais traduzidas para castelhano; 33421.

6134.9, R. Aparecida, Aparecida SP, 2343-2353, 19/12, entrevista acerca de um restauro de igreja; 44433, QRM da BOLÍVIA [6134.8ish]

9515, R. Marumby, Curitiba PR, 2235-2244, 19/12, propag. relig.; 45433

9586.15, SRDA, São Paulo SP, 2237-2245, 19/12, D. Miranda "vociferando" propag. relig. e escutando testemunhos de curas, com as frases principais traduzidas para castelhano; 35332.

9665.2, R. Voz Missionária, Camboriú SC, 1918-1931, 22/12, entrevistas, sempre no âmbito de propag. relig.; 24432, em ascensão, apesar da QRM adjacente.

11894.9, R. Boa Vontade, Pt.º Alegre RS, 2005-2015, 19/12, música e propag. relig.; 25432.

11915, R. Gaúcha, Pt.º Alegre RS, 2001-2014, 19/12, informação meteorológica, noticiário; 32441, QRM da ARÁBIA SAUDITA.

11925.2, R. Bandeirantes, São Paulo SP, 2003-2020, 19/12, anúncios comerciais, anúncio das freqs. ao que se seguiu rubrica de futebol; 24442, QRM adjacente (Carlos Gonçalves, PORTUGAL, dxldyg via DXLD)

#### **CHINA [ALBANIA / CUBA / MALI / SPAIN] - Winter B-13 SW schedule of China Radio International (CRI):**

UTC	Freq	Stn	Pow	Azi	Target	Language	0100-0157	7350	Kash	500	308	WEu	English
0000-0057	9860	BEI	500	175	SEAs	Hakka	0100-0157	7360	Kash	100	209	SAs	Urdu
0000-0057	11770	BEI	500	193	SEAs	Vietnamese	0100-0157	9410	Kash	500	308	WEu	English
0000-0057	11780	JIN	500	059	EAs	Chinese	0100-0157	9420	Kash	100	174	SAs	English
0000-0057	11790	XIA	500	190	SEAs	English	0100-0157	9460	KUN	150	163	SEAs	Amoy
0000-0057	11820	XIA	500	200	SEAs	Cantonese	0100-0157	9550	KUN	150	191	SEAs	Amoy
0000-0057	11845	XIA	500	200	SEAs	Chinese	0100-0157	9570	ALB	300	305	NAm	English
0000-0057	11875	BEI	500	318	CAs	Mongolian	0100-0157	9580	Kuba	250	010	NEAm	English
0000-0057	11885	XIA	500	200	SEAs	English	0100-0157	9590	Kash	500	269	SAm	Spanish
0000-0057	11900	BEI	150	095	EAs	Chinese	0100-0157	9600	NNN	100	200	SEAs	Chinese
0000-0057	11975	KUN	500	177	SEAs	Chinese	0100-0157	9610	KUN	100	225	SEAs	Amoy
0000-0057	11990	NNN	100	200	SEAs	Cambodian	0100-0157	9710	Kash	500	294	SAm	Spanish
0000-0057	13580	BEI	500	215	SEAs	Chinese	0100-0157	9860	BEI	500	175	SEAs	Amoy
0000-0057	13655	XIA	500	073	EAs	Chinese	0100-0157	11640	XIA	500	200	SEAs	Chinese
0000-0057	13680	XIA	500	190	SEAs	Vietnamese	0100-0157	11770	NNN	100	200	SEAs	Chinese
0000-0057	15120	Kuba	250	160	SAm	Spanish	0100-0157	11885	XIA	500	200	SEAs	English
0000-0057	15145	BEI	500	215	SEAs	English	0100-0157	11945	KUN	150	177	SEAs	Amoy
0000-0057	17495	BEI	500	193	SEAs	Cantonese	0100-0157	11980	KUN	100	184	SEAs	Amoy
0100-0157	5905	Kash	100	nd	CAs	Russian	0100-0157	13580	BEI	500	215	SEAs	Chinese
0100-0157	6020	ALB	300	305	NAm	English	0100-0157	13600	XIA	500	292	EEu	Russian
0100-0157	6020	Kash	100	209	SAs	Urdu	0100-0157	13655	XIA	500	073	EAs	Chinese
0100-0157	6075	Kash	100	174	SAs	English	0100-0157	15145	BEI	500	215	SEAs	English
0100-0157	6175	Kash	100	173	SAs	English	0100-0157	15160	JIN	500	059	EAs	Chinese
0100-0157	7250	Ur	500	212	SAs	Chinese	0100-0157	15425	XIA	500	190	SEAs	Amoy
0100-0157	7300	Kash	100	173	SAs	Chinese	0100-0157	17495	BEI	500	193	SEAs	Amoy

0130-0227	11860	KUN	500	283	SAs	Nepalese	0400-0457	17740	XIA	500	190	SEAs	Vietnamese
0130-0227	13780	KUN	500	283	SAs	Nepalese	0400-0457	17855	BEI	500	288	CAs	English
0200-0227	6065	Kash	100	239	WAs	Pashto	0500-0557	5985	ALB	150	240	NWaf	Arabic
0200-0227	7350	Kash	100	239	WAs	Pashto	0500-0557	7210	ALB	150	240	NWaf	Arabic
0200-0227	15435	XIA	100	292	WAs	Pashto	0500-0557	7220	ALB	150	140	NE/ME	English
0200-0257	5915	Kash	100	nd	CAs	Russian	0500-0557	9590	ALB	150	140	NE/ME	Arabic
0200-0257	6020	ALB	300	305	NAm	Chinese	0500-0557	11640	KUN	100	184	SEAs	Vietnamese
0200-0257	6020	Kash	100	209	SAs	Urdu	0500-0557	11880	Kash	100	209	SAs	English
0200-0257	7290	Kash	100	209	SAs	Urdu	0500-0557	13620	XIA	500	354	FE/RUS	Chinese
0200-0257	7330	Kash	500	269	SAm	Chinese	0500-0557	13655	XIA	500	073	EAs	Cantonese
0200-0257	9570	ALB	300	305	NAm	Chinese	0500-0557	15120	BEI	500	322	CAs	Chinese
0200-0257	9580	Kuba	250	010	NEAm	Chinese	0500-0557	15130	BEI	150	095	EAs	Chinese
0200-0257	9590	Kash	500	269	SAm	Spanish	0500-0557	15140	Kash	100	174	SAs	Chinese
0200-0257	9610	Kash	100	174	SAs	English	0500-0557	15170	JIN	500	059	EAs	Cantonese
0200-0257	9655	KUN	150	270	SAs	Bengali	0500-0557	15350	Kash	100	174	SAs	English
0200-0257	9690	Spain	250	290	CAm	Chinese	0500-0557	15430	Kash	100	173	SAs	English
0200-0257	9710	Kash	500	294	SAm	Spanish	0500-0557	15445	Kash	500	308	WEu	Russian
0200-0257	9825	Kash	100	174	SAs	Chinese	0500-0557	15465	Kash	100	209	SAs	English
0200-0257	11640	KUN	150	270	SAs	Bengali	0500-0557	15665	Kash	500	308	WEu	Russian
0200-0257	11785	Kash	100	174	SAs	English	0500-0557	17485	Ur	500	270	NE/ME	Arabic
0200-0257	11870	Kash	100	173	SAs	Tamil	0500-0557	17505	Kash	500	269	WAs	English
0200-0257	13655	XIA	500	073	EAs	Chinese	0500-0557	17725	XIA	500	292	CAs	English
0200-0257	13715	Kash	100	173	SAs	Tamil	0500-0557	17740	XIA	500	190	SEAs	Vietnamese
0200-0257	15140	BEI	500	322	SAm	Chinese	0500-0557	17855	BEI	500	288	CAs	English
0200-0257	15160	JIN	500	059	EAs	Chinese	0600-0657	5985	ALB	150	240	NWaf	Arabic
0200-0257	15425	XIA	500	190	SEAs	Amoy	0600-0657	7210	ALB	150	240	NWaf	Arabic
0200-0257	17495	BEI	500	193	SEAs	Amoy	0600-0657	9590	ALB	150	140	NE/ME	Arabic
0200-0257	17640	XIA	500	292	EEu	Russian	0600-0657	11710	NNN	100	200	SEAs	Chinese
0230-0327	11730	KUN	500	283	SAs	Nepalese	0600-0657	11750	ALB	150	140	NE/ME	English
0230-0327	13780	KUN	500	283	SAs	Nepalese	0600-0657	11770	Kash	100	239	WAs	English
0300-0357	6020	ALB	300	305	NAm	Chinese	0600-0657	11880	Kash	100	209	SAs	English
0300-0357	7325	Kash	100	nd	CAs	Russian	0600-0657	13620	XIA	500	354	FE/RUS	Chinese
0300-0357	9450	Kash	100	209	SAs	Chinese	0600-0657	13645	XIA	500	190	SEAs	English
0300-0357	9570	ALB	300	305	NAm	Chinese	0600-0657	13655	XIA	500	073	EAs	Chinese
0300-0357	9690	Spain	250	290	CAm	English	0600-0657	13750	KUN	500	177	SEAs	Chinese
0300-0357	9790	Kuba	250	350	NWAm	English	0600-0657	15120	BEI	500	322	CAs	Chinese
0300-0357	11640	Kash	100	209	SAs	Hindi	0600-0657	15135	Kash	500	294	SEu	Spanish
0300-0357	11700	Kash	100	173	SAs	Hindi	0600-0657	15145	Kash	100	239	WAs	English
0300-0357	11710	Ur	500	270	CAs	Russian	0600-0657	15170	JIN	500	059	EAs	Chinese
0300-0357	11785	Kash	100	174	SAs	English	0600-0657	15220	Kash	500	308	WEu	French
0300-0357	13590	BEI	150	095	EAs	English	0600-0657	15350	Kash	100	174	SAs	English
0300-0357	13620	XIA	500	354	FE/RUS	English	0600-0657	15430	Kash	100	173	SAs	English
0300-0357	13655	XIA	500	073	EAs	Chinese	0600-0657	15465	Kash	100	209	SAs	English
0300-0357	13720	Kash	100	209	SAs	Hindi	0600-0657	15620	Kash	500	294	SEu	Italian
0300-0357	13735	Kash	100	173	SAs	Tamil	0600-0657	17485	Ur	500	270	NE/ME	Arabic
0300-0357	13800	Kash	100	174	SAs	English	0600-0657	17505	Kash	500	269	WAs	English
0300-0357	15120	BEI	500	322	FE/RUS	English	0600-0657	17615	Ur	500	308	WEu	German
0300-0357	15130	BEI	150	095	EAs	Chinese	0600-0657	17650	Kash	500	308	WEu	Chinese
0300-0357	15160	JIN	500	059	EAs	Chinese	0600-0657	17710	JIN	500	059	SEAs	English
0300-0357	15350	Kash	100	174	SAs	Hindi	0600-0657	17710	BEI	500	193	SEAs	English
0300-0357	15430	KUN	150	234	SAs	Tamil	0600-0657	17720	Kash	500	308	WEu	German
0300-0357	17540	BEI	500	257	SAs	Chinese	0600-0657	17740	XIA	500	190	SEAs	Chinese
0300-0357	17640	XIA	500	292	EEu	Russian	0700-0757	11640	JIN	500	059	EAs	Cantonese
0300-0357	17710	JIN	500	310	EEu	Russian	0700-0757	11710	NNN	100	200	SEAs	Chinese
0400-0457	7325	Kash	100	nd	CAs	Russian	0700-0757	11785	ALB	150	310	WEu	English
0400-0457	9790	Kuba	250	305	NEAm	Cantonese	0700-0757	11855	ALB	150	310	WEu	Chinese
0400-0457	11650	KUN	100	184	SEAs	Vietnamese	0700-0757	11875	NNN	100	200	SEAs	Chinese
0400-0457	13590	BEI	150	095	EAs	English	0700-0757	11880	Kash	100	209	SAs	English
0400-0457	13620	XIA	500	354	FE/RUS	English	0700-0757	13610	XIA	500	073	EAs	Cantonese
0400-0457	13640	Kash	100	209	SAs	Chinese	0700-0757	13645	XIA	500	190	SEAs	English
0400-0457	13655	XIA	500	073	EAs	Cantonese	0700-0757	13750	KUN	500	177	SEAs	Chinese
0400-0457	13740	Kash	100	173	SAs	Hakka	0700-0757	15135	Kash	500	294	SEu	Spanish
0400-0457	15120	BEI	500	322	FE/RUS	English	0700-0757	15145	XIA	500	200	SEAs	Chaozhou
0400-0457	15130	BEI	150	095	EAs	Chinese	0700-0757	15185	Kash	100	173	SAs	English
0400-0457	15160	JIN	500	059	EAs	Cantonese	0700-0757	15220	Kash	500	308	WEu	French
0400-0457	15170	Kash	100	174	SAs	Chinese	0700-0757	15350	Kash	100	174	SAs	English
0400-0457	15350	Kash	100	174	SAs	Hakka	0700-0757	15465	Kash	100	209	SAs	English
0400-0457	15445	Kash	500	308	WEu	Russian	0700-0757	17490	Kash	500	308	WEu	English
0400-0457	15665	Kash	500	308	WEu	Russian	0700-0757	17520	Kash	100	174	SAs	Chinese
0400-0457	17505	XIA	500	200	SEAs	Hakka	0700-0757	17615	Ur	500	308	WEu	German
0400-0457	17640	XIA	500	292	CAs	Russian	0700-0757	17650	Kash	500	308	WEu	Chinese
0400-0457	17710	BEI	500	193	SEAs	Hakka	0700-0757	17670	Kash	500	269	WAs	English
0400-0457	17725	XIA	500	292	CAs	English	0700-0757	17710	JIN	500	059	SEAs	English

0700-0757	17710	BEI	500	193	SEAs	English	1000-1057	15220	Kash	500	298	CEu	Hungarian
0700-0757	17720	Kash	500	308	WEu	German	1000-1057	15250	KUN	100	122	SEAs	Chinese
0700-0757	17740	XIA	500	190	SEAs	Chinese	1000-1057	15340	XIA	500	190	SEAs	Chinese
0700-0757	17750	XIA	500	200	SEAs	Chaozhou	1000-1057	15350	Kash	100	174	SAs	English
0800-0857	7295	Mali	100	nd	WAF	Hausa	1000-1057	15440	KUN	500	135	AUS	Cantonese
0800-0857	9415	XIA	500	073	EAs	English	1000-1057	15525	Ur	500	212	SAs	Chinese
0800-0857	9880	BEI	150	095	EAs	Chinese	1000-1057	17490	Kash	500	308	WEu	English
0800-0857	11640	JIN	500	059	EAs	Chinese	1000-1057	17570	Kash	500	298	CEu	Hungarian
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0800-0857	13610	XIA	500	073	EAs	Chinese	1030-1127	11700	KUN	500	177	SEAs	Indonesian
0800-0857	15185	Kash	100	173	SAs	English	1030-1127	15135	KUN	100	175	SEAs	Indonesian
0800-0857	15335	Kash	500	308	WEu	Russian	1030-1127	15160	NNN	100	200	SEAs	Cambodian
0800-0857	15350	Kash	100	174	SAs	English	1030-1127	17680	KUN	150	177	SEAs	Cambodian
0800-0857	15465	Kash	100	209	SAs	English	1100-1157	5915	HUH	100	345	FE/RUS	Russian
0800-0857	15550	Kash	100	174	SAs	Chinese	1100-1157	5955	BEI	150	095	EAs	English
0800-0857	15565	XIA	500	292	CAs	Chinese	1100-1157	5965	XIA	500	073	EAs	Korean
0800-0857	15665	Ur	500	308	WEu	Russian	1100-1157	6080	BEI	500	318	CAs	Russian
0800-0857	17490	Kash	500	308	WEu	English	1100-1157	6100	Ur	100	090	CAs	Mongolian
0800-0857	17560	XIA	500	292	CAs	Chinese	1100-1157	7210	Ur	100	080	CAs	Esperanto
0800-0857	17650	Kash	500	308	WEu	Chinese	1100-1157	7220	ALB	150	nd	SEEu	Bulgarian
0800-0857	17670	Kash	500	269	WAs	English	1100-1157	7260	XIA	500	073	EAs	Japanese
0830-0927	15135	KUN	500	177	SEAs	Indonesian	1100-1157	7290	SZG	500	037	FE/RUS	Russian
0830-0927	17735	KUN	100	175	SEAs	Indonesian	1100-1157	7325	JIN	500	059	EAs	Japanese
0900-0957	5965	BEI	150	095	EAs	Chinese	1100-1157	7400	HUH	100	345	FE/RUS	Mongolian
0900-0957	7285	ALB	150	nd	SEEu	Romanian	1100-1157	7435	BEI	150	095	EAs	Chinese
0900-0957	7430	JIN	500	059	EAs	Chinese	1100-1157	7440	NNN	100	200	SEAs	Chinese
0900-0957	9415	XIA	500	073	EAs	English	1100-1157	9440	KUN	150	163	SEAs	Chaozhou
0900-0957	9440	XIA	500	073	EAs	Chinese	1100-1157	9450	Ur	100	080	CAs	Esperanto
0900-0957	9460	NNN	100	200	SEAs	Chinese	1100-1157	9515	Kash	100	209	SAs	Chinese
0900-0957	9460	ALB	150	nd	SEEu	Romanian	1100-1157	9540	BEI	500	142	AUS	Cantonese
0900-0957	11750	NNN	100	200	SEAs	Chinese	1100-1157	9550	BEI	500	193	SEAs	Vietnamese
0900-0957	11980	KUN	100	184	SEAs	Chinese	1100-1157	9570	Kash	100	209	SAs	English
0900-0957	13780	Kash	100	174	SAs	Chinese	1100-1157	9590	KUN	150	191	SEAs	Cantonese
0900-0957	13850	BEI	500	193	SEAs	Chinese	1100-1157	9645	BEI	500	215	SEAs	Cantonese
0900-0957	15185	Kash	100	173	SAs	English	1100-1157	9880	KUN	100	225	SEAs	Burmese
0900-0957	15210	KUN	500	135	AUS	English	1100-1157	11620	BEI	500	142	AUS	Chinese
0900-0957	15250	KUN	100	122	SEAs	Chinese	1100-1157	11650	Ur	500	212	SAs	English
0800-0957	15335	Kash	500	308	WEu	Russian	1100-1157	11785	Baoji	150	195	SEAs	Vietnamese
0900-0957	15340	XIA	500	190	SEAs	Chinese	1100-1157	11795	Kash	100	174	SAs	English
0900-0957	15350	Kash	100	174	SAs	English	1100-1157	11875	KUN	500	177	SEAs	Chaozhou
0900-0957	15440	KUN	500	135	AUS	Chinese	1100-1157	11980	Kash	100	174	SAs	Chinese
0900-0957	15525	Ur	500	212	SAs	Chinese	1100-1157	11990	XIA	500	190	SEAs	Vietnamese
0900-0957	15565	XIA	500	292	CAs	Chinese	1100-1157	13580	KUN	500	135	AUS	Cantonese
0900-0957	15665	Ur	500	308	WEu	Russian	1100-1157	13590	BEI	500	193	SEAs	English
0900-0957	17490	Kash	500	308	WEu	English	1100-1157	13645	Kash	100	173	SAs	English
0900-0957	17560	XIA	500	292	CAs	Chinese	1100-1157	13665	ALB	150	310	WEu	English
0900-0957	17570	Ur	500	308	WEu	English	1100-1157	13720	XIA	500	200	SEAs	English
0900-0957	17650	Kash	500	308	WEu	English	1100-1157	15225	Kash	500	298	CEu	Czech
0900-0957	17670	KUN	500	135	AUS	Chinese	1100-1157	15440	KUN	500	135	AUS	Chinese
0900-0957	17690	KUN	500	150	AUS	English	1100-1157	17490	Kash	500	308	WEu	English
0930-1027	15135	KUN	500	177	SEAs	Malay	1100-1157	17570	Kash	500	298	CEu	Czech
0930-1027	17680	KUN	100	175	SEAs	Malay	1100-1157	17650	Kash	500	308	WEu	Chinese
1000-1057	5915	HUH	100	345	FE/RUS	Russian	1130-1157	6060	BEI	500	165	SEAs	Filipino
1000-1057	5955	XIA	500	073	EAs	English	1130-1157	7410	JIN	500	172	SEAs	Filipino
1000-1057	5965	BEI	150	095	EAs	Chinese	1130-1157	11955	KUN	100	122	SEAs	Filipino
1000-1057	7215	XIA	500	354	CAs	English	1130-1157	12070	XIA	500	145	SEAs	Filipino
1000-1057	7255	XIA	500	354	CAs	Chinese	1130-1227	7360	KUN	100	184	SEAs	Thai
1000-1057	7290	SZG	500	037	FE/RUS	Russian	1130-1227	9785	KUN	150	191	SEAs	Thai
1000-1057	7325	JIN	500	059	EAs	Japanese	1200-1227	9720	XIA	500	145	SEAs	Filipino
1000-1057	7400	HUH	100	345	FE/RUS	Russian	1200-1227	11955	KUN	100	122	SEAs	Filipino
1000-1057	9440	XIA	500	073	EAs	Japanese	1200-1257	5905	Kash	100	nd	CAs	Russian
1000-1057	9460	NNN	100	200	SEAs	Chinese	1200-1257	5915	HUH	100	345	CAs	Mongolian
1000-1057	9880	BEI	500	322	CAs	Chinese	1200-1257	5955	BEI	150	095	EAs	English
1000-1057	11640	BEI	500	318	CAs	English	1200-1257	5965	XIA	500	073	EAs	Korean
1000-1057	11980	KUN	100	184	SEAs	Chinese	1200-1257	5990	HUH	100	345	CAs	Mongolian
1000-1057	13590	BEI	500	193	SEAs	English	1200-1257	6100	BEI	500	055	FE/RUS	Russian
1000-1057	13720	XIA	500	200	SEAs	English	1200-1257	7205	Kash	100	209	SAs	Chinese
1000-1057	13780	Kash	100	174	SAs	Chinese	1200-1257	7215	XIA	500	292	CAs	Russian
1000-1057	13850	BEI	500	193	SEAs	Chinese	1200-1257	7250	Kash	100	209	SAs	English
1000-1057	15190	Ur	500	212	SAs	English	1200-1257	7260	XIA	500	073	EAs	Japanese
1000-1057	15210	KUN	500	135	AUS	English	1200-1257	7325	JIN	500	059	EAs	Japanese

1200-1257	7345	ALB	150	nd	SEEu	Serbian	1300-1357	11980	KUN	150	177	SEAs	English
1200-1257	7395	BEI	150	095	EAs	Chinese	1300-1357	12015	KUN	500	270	SAs	Chinese
1200-1257	7410	SZG	500	037	FE/RUS	Russian	1300-1357	13670	Kash	500	308	WEu	English
1200-1257	7435	NNN	100	200	SEAs	Chinese	1300-1357	13685	Mali	100	111	WAF	French
1200-1257	9440	KUN	150	163	SEAs	Cambodian	1300-1357	13790	Kash	500	308	WEu	English
1200-1257	9460	Kash	100	174	SAs	English	1300-1357	13810	Kash	100	239	NE/ME	Chinese
1200-1257	9540	KUN	500	283	CAs	Chinese	1300-1357	13855	Ur	500	308	WEu	Chinese
1200-1257	9550	BEI	500	193	SEAs	Vietnamese	1300-1357	15205	Kash	500	308	WEu	French
1200-1257	9570	Kuba	250	010	NAm	Cantonese	1300-1357	17650	Kash	500	308	WEu	French
1200-1257	9590	SZG	500	315	EEu	Russian	1300-1357	17880	Mali	100	111	WAF	French
1200-1257	9600	KUN	150	163	SEAs	English	1330-1427	7360	KUN	100	184	SEAs	Thai
1200-1257	9645	BEI	500	215	SEAs	English	1330-1427	9785	KUN	150	191	SEAs	Thai
1200-1257	9655	Kash	100	174	SAs	Chinese	1330-1427	11805	KUN	100	175	SEAs	Indonesian
1200-1257	9685	Ur	500	308	EEu	Russian	1330-1427	11955	KUN	500	177	SEAs	Indonesian
1200-1257	9730	KUN	100	225	SEAs	English	1400-1457	5915	HUH	100	345	CAs	Mongolian
1200-1257	9760	KUN	500	135	AUS	English	1400-1457	5955	BEI	150	095	EAs	English
1200-1257	9855	BEI	500	215	SEAs	Chinese	1400-1457	5965	XIA	500	073	EAs	Korean
1200-1257	11640	XIA	500	190	SEAs	Chinese	1400-1457	5990	HUH	100	345	CAs	Mongolian
1200-1257	11650	Ur	500	212	SAs	English	1400-1457	6005	Kash	100	nd	CAs	Russian
1200-1257	11680	NNN	100	200	SEAs	Cambodian	1400-1457	6040	XIA	500	190	SEAs	Chinese
1200-1257	11690	XIA	500	292	CAs	English	1400-1457	6055	NNN	100	200	SEAs	Cambodian
1200-1257	11720	Baoji	150	195	SEAs	Vietnamese	1400-1457	6075	Kash	100	209	SAs	Urdu
1200-1257	11760	KUN	500	135	AUS	English	1400-1457	7210	XIA	500	073	EAs	Japanese
1200-1257	11790	Kash	100	239	NE/ME	Chinese	1400-1457	7220	KUN	500	283	CAs	Nepalese
1200-1257	11980	KUN	150	177	SEAs	English	1400-1457	7265	Kash	100	174	SAs	Sinhalese
1200-1257	12015	Kash	100	173	SAs	English	1400-1457	7285	Kash	100	209	SAs	Urdu
1200-1257	13665	ALB	150	310	WEu	English	1400-1457	7300	Ur	500	212	SAs	English
1200-1257	13790	Kash	500	308	WEu	English	1400-1457	7330	XIA	500	292	CAs	Russian
1200-1257	13810	Kash	100	239	NE/ME	Chinese	1400-1457	7400	BEI	150	095	EAs	Chinese
1200-1257	15110	Ur	500	270	WAs	Chinese	1400-1457	7410	BEI	500	215	SEAs	Chinese
1200-1257	15205	Kash	500	308	WEu	French	1400-1457	7410	JIN	500	059	EAs	Japanese
1200-1257	17490	Kash	500	308	WEu	English	1400-1457	7435	SZG	500	037	FE/RUS	Russian
1200-1257	17650	Kash	500	308	WEu	Chinese	1400-1457	7435	KUN	500	283	CAs	Nepalese
1230-1327	7360	KUN	100	184	SEAs	Lao	1400-1457	7445	Kash	100	173	SAs	Chinese
1230-1327	9785	KUN	150	191	SEAs	Lao	1400-1457	9430	Kash	500	308	WEu	Chinese
1230-1327	11700	KUN	100	175	SEAs	Malay	1400-1457	9460	Ur	500	212	SAs	English
1230-1327	11955	KUN	500	177	SEAs	Malay	1400-1457	9490	KUN	150	270	SAs	Bengali
1300-1357	5905	Kash	100	nd	CAs	Russian	1400-1457	9550	BEI	500	193	SEAs	Vietnamese
1300-1357	5915	HUH	100	345	CAs	Russian	1400-1457	9570	Kash	100	173	SAs	Tamil
1300-1357	5955	BEI	150	095	EAs	English	1400-1457	9600	NNN	100	200	SEAs	Cambodian
1300-1357	5965	XIA	500	073	EAs	Korean	1400-1457	9610	Kash	100	174	SAs	Tamil
1300-1357	5990	HUH	100	345	CAs	Russian	1400-1457	9655	KUN	100	225	SEAs	Amoy
1300-1357	6100	Ur	100	090	CAs	Mongolian	1400-1457	9665	JIN	500	258	SAs	Sinhalese
1300-1357	7205	BEI	150	095	EAs	Chinese	1400-1457	9685	XIA	500	190	SEAs	Vietnamese
1300-1357	7215	XIA	500	190	SEAs	Chinese	1400-1457	9730	Kash	100	174	SAs	Chinese
1300-1357	7215	JIN	500	059	EAs	Japanese	1400-1457	9765	XIA	500	292	CAs	English
1300-1357	7255	SZG	500	037	FE/RUS	Russian	1400-1457	9795	Ur	500	308	EEu	English
1300-1357	7265	Ur	500	212	SAs	Hindi	1400-1457	9870	XIA	500	200	SEAs	English
1300-1357	7285	BEI	500	318	CAs	Mongolian	1400-1457	11610	KUN	150	270	SAs	Bengali
1300-1357	7300	Kash	100	209	SAs	English	1400-1457	11610	Ur	500	270	NE/ME	Chinese
1300-1357	7325	XIA	500	073	EAs	Japanese	1400-1457	11650	KUN	150	177	SEAs	Amoy
1300-1357	7435	NNN	100	200	SEAs	Chinese	1400-1457	11665	Ur	500	270	NE/ME	English
1300-1357	9440	NNN	100	200	SEAs	Esperanto	1400-1457	11780	BEI	500	215	NE/ME	Burmese
1300-1357	9450	Kash	100	173	SAs	Hindi	1400-1457	11785	Kash	500	308	WEu	Chinese
1300-1357	9490	KUN	150	270	SAs	Bengali	1400-1457	11920	ALB	150	240	NWAF	French
1300-1357	9540	KUN	500	283	CAs	Chinese	1400-1457	13625	Kash	500	308	WEu	English
1300-1357	9550	BEI	500	193	SEAs	Vietnamese	1400-1457	13670	ALB	150	240	NWAF	French
1300-1357	9570	Kuba	250	010	NAm	English	1400-1457	13685	Mali	100	111	Saf	English
1300-1357	9600	Baoji	150	255	SAs	Bengali	1400-1457	13740	Kuba	250	305	NAm	English
1300-1357	9655	Kash	100	174	SAs	English	1400-1457	17630	Mali	100	085	CAF	English
1300-1357	9685	XIA	500	190	SEAs	Vietnamese	1430-1457	7325	XIA	500	145	SEAs	Filipino
1300-1357	9730	BEI	500	193	SEAs	English	1430-1457	11830	KUN	100	122	SEAs	Filipino
1300-1357	9765	XIA	500	292	CAs	English	1430-1527	7360	KUN	100	184	SEAs	Lao
1300-1357	9855	BEI	500	215	SEAs	Chinese	1430-1527	9675	KUN	150	191	SEAs	Lao
1300-1357	9870	XIA	500	200	SEAs	English	1500-1527	6165	Ur	500	270	WAs	Persian
1300-1357	9870	XIA	500	292	CAs	Russian	1500-1527	7435	KUN	500	300	WAs	Pashto
1300-1357	9880	KUN	100	225	SEAs	Burmese	1500-1527	9600	Kash	500	269	WAs	Persian
1300-1357	11610	KUN	150	270	SAs	Bengali	1500-1527	9620	Kash	100	239	WAs	Pashto
1300-1357	11650	BEI	500	215	SEAs	Esperanto	1500-1527	9765	KUN	500	300	WAs	Persian
1300-1357	11760	KUN	500	135	AUS	English	1500-1557	5910	BEI	500	215	SEAs	Chinese
1300-1357	11780	KUN	100	225	SEAs	Burmese	1500-1557	5915	HUH	100	345	CAs	Russian
1300-1357	11790	Kash	100	239	NE/ME	Chinese	1500-1557	5955	BEI	150	095	EAs	English
1300-1357	11900	KUN	500	135	AUS	English	1500-1557	5965	BEI	500	055	FE/RUS	Russian

1500-1557	5980	XIA	500	073	EAs	Japanese	1600-1657	9875	Kash	500	298	WEu	English
1500-1557	5990	HUH	100	345	CAs	Russian	1600-1657	11725	ALB	150	240	NWaf	Arabic
1500-1557	6005	Kash	100	nd	CAs	Russian	1600-1657	15125	Mali	100	085	CEAf	Arabic
1500-1557	6025	XIA	500	292	CAs	Russian	1600-1657	17880	Mali	100	020	NEAf	Arabic
1500-1557	6075	Kash	100	209	SAs	Urdu	1630-1727	9620	Kash	500	269	Waf	Hausa
1500-1557	6095	Kash	500	269	NE/ME	English	1630-1727	9670	KUN	500	283	Waf	Hausa
1500-1557	6105	SZG	500	315	EEu	Russian	1700-1757	5970	ALB	150	330	WEu	German
1500-1557	6180	Ur	500	308	EEu	Russian	1700-1757	5985	BEI	500	257	CEAf	Swahili
1500-1557	7215	KUN	500	283	CAs	Nepalese	1700-1757	6040	Ur	500	308	EEu	Russian
1500-1557	7220	JIN	500	059	EAs	Japanese	1700-1757	6070	XIA	500	292	CAs	Russian
1500-1557	7225	Ur	500	212	SAs	Hindi	1700-1757	6090	KUN	150	163	SEAs	English
1500-1557	7230	ALB	150	nd	SEEu	Turkish	1700-1757	6100	BEI	500	318	WEu	English
1500-1557	7235	Kash	100	174	SAs	Chinese	1700-1757	6140	Kash	100	173	SAs	English
1500-1557	7255	BEI	150	095	EAs	Chinese	1700-1757	6155	NNN	100	200	SEAs	English
1500-1557	7265	Kash	100	173	SAs	Hindi	1700-1757	6165	BEI	500	288	WAs	English
1500-1557	7285	Kash	100	209	SAs	Urdu	1700-1757	7205	BEI	500	318	WEu	English
1500-1557	7325	BEI	500	193	SEAs	English	1700-1757	7220	Kash	100	209	SAs	Cantonese
1500-1557	7405	Ur	500	212	SAs	English	1700-1757	7245	XIA	500	317	WEu	Esperanto
1500-1557	9435	Kash	500	298	WEu	English	1700-1757	7255	Kash	500	294	WEu	English
1500-1557	9455	KUN	150	191	SEAs	Chinese	1700-1757	7265	Ur	500	308	EEu	Russian
1500-1557	9490	Kash	100	174	SAs	Tamil	1700-1757	7300	Kash	500	269	NE/ME	Arabic
1500-1557	9525	Kash	500	308	WEu	English	1700-1757	7325	Ur	500	212	SAs	Cantonese
1500-1557	9535	KUN	500	283	CAs	Nepalese	1700-1757	7335	BEI	500	322	SEEu	Croatian
1500-1557	9550	BEI	500	193	SEAs	Vietnamese	1700-1757	7350	Kash	500	308	WEu	French
1500-1557	9560	Kash	100	174	SAs	Chinese	1700-1757	7380	ALB	150	330	WEu	German
1500-1557	9565	ALB	150	nd	SEEu	Turkish	1700-1757	7400	XIA	500	252	CEAf	Swahili
1500-1557	9590	Kash	500	308	WEu	Chinese	1700-1757	7410	Kash	100	174	SAs	English
1500-1557	9610	KUN	150	270	SAs	Bengali	1700-1757	7410	Baoji	150	317	EEu	Russian
1500-1557	9650	NNN	100	200	SEAs	English	1700-1757	7420	KUN	150	191	SEAs	English
1500-1557	9690	KUN	150	270	SAs	Bengali	1700-1757	7425	Kash	100	173	SAs	English
1500-1557	9705	Kash	500	308	WEu	Chinese	1700-1757	7435	JIN	500	255	SAf	English
1500-1557	9720	Ur	500	270	NE/ME	English	1700-1757	9460	NNN	100	200	SEAs	English
1500-1557	9730	Kash	100	173	SAs	Tamil	1700-1757	9555	ALB	150	140	NE/ME	Arabic
1500-1557	9785	JIN	500	280	SAs	English	1700-1757	9570	BEI	500	257	SAf	English
1500-1557	9870	XIA	500	200	SEAs	English	1700-1757	9610	Kash	500	294	SEEu	Croatian
1500-1557	11920	ALB	150	240	NWaf	French	1700-1757	11725	ALB	150	240	NWaf	Arabic
1500-1557	13670	ALB	150	240	NWaf	French	1700-1757	13645	Mali	100	111	CEAf	Swahili
1500-1557	13685	Mali	100	111	SAf	English	1700-1757	15125	Mali	100	111	CEAf	Swahili
1500-1557	13740	Kuba	250	305	NEAm	English	1730-1757	9450	Kash	500	269	Waf	Hausa
1500-1557	17630	Mali	100	085	CAf	English	1730-1757	9685	KUN	500	283	Waf	Hausa
1530-1557	6165	Ur	500	270	WAs	Pashto	1730-1827	6150	SZG	500	315	WEu	Chinese
1530-1557	7435	KUN	500	300	WAs	Pashto	1730-1827	7275	Ur	500	270	NWaf	Chinese
1530-1557	9620	Kash	100	239	WAs	Pashto	1730-1827	7315	KUN	500	300	NE/ME	Chinese
1600-1657	5915	Kash	100	209	SAs	Hindi	1730-1827	7445	Ur	500	308	WEu	Chinese
1600-1657	5970	ALB	150	330	WEu	German	1730-1827	9695	KUN	500	283	NE/ME	Chinese
1600-1657	5985	BEI	500	257	CEAf	Swahili	1800-1827	7295	BEI	500	288	WAs	Persian
1600-1657	6010	BEI	500	193	SEAs	Vietnamese	1800-1827	7325	BEI	500	288	WAs	Persian
1600-1657	6025	Kash	100	nd	CAs	Russian	1800-1827	9450	Kash	500	269	Waf	Hausa
1600-1657	6040	Ur	500	308	WEu	Russian	1800-1827	9685	KUN	500	283	Waf	Hausa
1600-1657	6060	KUN	150	163	SEAs	English	1800-1827	11640	Mali	100	085	WCAf	Hausa
1600-1657	6090	XIA	500	252	SAf	Hakka	1800-1827	13645	Mali	100	111	Waf	Hausa
1600-1657	6100	Kash	100	239	WAs	English	1800-1857	5970	ALB	150	310	WEu	French
1600-1657	6155	NNN	100	200	SEAs	English	1800-1857	6010	Kash	500	308	WEu	Chaozhou
1600-1657	6165	Ur	500	270	NE/ME	Turkish	1800-1857	6055	ALB	150	240	NWaf	French
1600-1657	7215	SZG	500	315	EEu	Russian	1800-1857	6070	XIA	500	292	CAs	Russian
1600-1657	7235	Kash	100	173	SAs	English	1800-1857	6100	BEI	500	318	WEu	English
1600-1657	7255	Kash	500	294	WEu	English	1800-1857	6160	XIA	500	317	WEu	German
1600-1657	7265	Ur	500	308	EEu	Russian	1800-1857	7210	Ur	500	308	EEu	Russian
1600-1657	7300	Kash	500	269	NE/ME	Arabic	1800-1857	7255	SZG	500	315	CAs	Russian
1600-1657	7320	XIA	500	252	CEAf	Swahili	1800-1857	7285	XIA	500	317	WEu	Chaozhou
1600-1657	7325	Ur	500	212	SAs	Hakka	1800-1857	7340	Kash	500	294	SEEu	Italian
1600-1657	7325	KUN	500	300	NE/ME	Turkish	1800-1857	7360	ALB	150	310	WEu	French
1600-1657	7350	Kash	500	308	WEu	French	1800-1857	7385	ALB	150	240	NWaf	French
1600-1657	7360	KUN	100	184	SEAs	Vietnamese	1800-1857	7395	Kash	500	308	WEu	German
1600-1657	7380	ALB	150	330	WEu	German	1800-1857	7405	BEI	500	318	WEu	English
1600-1657	7395	KUN	500	283	SAs	Hindi	1800-1857	7435	JIN	500	314	SEEu	Italian
1600-1657	7420	Ur	500	270	NWaf	English	1800-1857	9535	Mali	500	055	EEu	Russian
1600-1657	7435	JIN	500	255	SAf	English	1800-1857	9615	Ur	500	308	WEu	German
1600-1657	9435	Kash	500	308	WEu	English	1830-1857	6020	SZG	500	315	SEEu	Bulgarian
1600-1657	9460	NNN	100	200	SEAs	English	1830-1857	7265	Ur	500	308	SEEu	Bulgarian
1600-1657	9555	ALB	150	140	NE/ME	Arabic	1830-1857	7295	BEI	500	288	WAs	Persian
1600-1657	9570	BEI	500	257	SAf	English	1830-1857	7325	BEI	500	288	WAs	Persian
1600-1657	9600	JIN	500	290	WAs	English	1830-1857	9695	JIN	500	310	SEEu	Bulgarian



1830-1927	7350	Ur	500	270	WAF	French	2000-2057	11640	Mali	100	111	CEAf	English
1830-1927	9645	KUN	500	283	WAF	French	2000-2057	13630	Mali	100	111	CEAf	English
1830-1927	11640	Mali	100	085	CAf	Arabic	2030-2057	7320	KUN	500	300	SEEu	Bulgarian
1830-1927	13685	Mali	100	020	NoEAf	Arabic	2030-2057	7390	JIN	500	314	CEu	Hungarian
1900-1927	5985	BEI	500	257	SAf	Portuguese	2030-2057	9585	Kash	500	298	CEu	Hungarian
1900-1927	6145	Ur	500	308	SEEu	Romanian	2030-2057	9720	Ur	500	308	SEEu	Bulgarian
1900-1927	7305	Mali	250	085	SEEu	Romanian	2030-2127	6115	BEI	500	322	WEu	French
1900-1927	7325	BEI	500	322	CEu	Czech	2030-2127	7265	Ur	500	308	SEEu	Italian
1900-1927	7335	JIN	500	320	SEu	Portuguese	2030-2127	7310	Kash	500	298	SEEu	Italian
1900-1927	7365	BEI	500	257	SAf	Portuguese	2030-2127	7350	Ur	500	308	WEu	French
1900-1927	7405	XIA	500	252	SAf	Portuguese	2100-2127	6145	Mali	250	105	SEEu	Albanian
1900-1927	7415	Ur	500	308	CEu	Czech	2100-2127	7325	XIA	500	317	SEEu	Serbian
1900-1927	7440	XIA	500	317	CEu	Hungarian	2100-2127	7425	JIN	500	314	SEEu	Serbian
1900-1927	9535	Baoji	150	255	SAf	Portuguese	2100-2127	7440	KUN	500	300	SEEu	Serbian
1900-1927	9560	Ur	500	308	CEu	Hungarian	2100-2127	11640	Mali	100	111	CEAf	English
1900-1927	9730	Kash	500	298	SEu	Portuguese	2100-2127	13630	Mali	100	111	CEAf	English
1900-1957	5970	ALB	150	310	WEu	French	2100-2157	5960	ALB	150	310	WEu	English
1900-1957	6020	SZG	500	315	SEEu	Albanian	2100-2157	6020	SZG	500	315	SEu	Spanish
1900-1957	6055	ALB	150	240	NWAF	French	2100-2157	6100	XIA	500	292	NEAf	Arabic
1900-1957	6100	BEI	500	318	EEu	Russian	2100-2157	6135	BEI	500	318	SEEu	Croatian
1900-1957	6110	XIA	500	292	CAs	Russian	2100-2157	6185	ALB	150	193	EAF	Arabic
1900-1957	6160	XIA	500	317	WEu	German	2100-2157	7205	XIA	500	252	SAf	English
1900-1957	7215	SZG	500	315	WEu	Cantonese	2100-2157	7215	ALB	150	140	NE/ME	Arabic
1900-1957	7245	Baoji	150	317	EEu	Russian	2100-2157	7225	BEI	500	318	SEEu	Croatian
1900-1957	7255	KUN	500	300	NE/ME	Turkish	2100-2157	7285	ALB	150	310	WEu	English
1900-1957	7295	Kash	500	269	NE/ME	English	2100-2157	7290	XIA	500	073	EAs	Korean
1900-1957	7315	Kash	500	294	SEEu	Albanian	2100-2157	7405	BEI	500	257	SAf	English
1900-1957	7360	ALB	150	310	WEu	French	2100-2157	7415	Kash	500	308	WEu	English
1900-1957	7385	ALB	150	240	NWAF	French	2100-2157	9600	Kash	500	308	WEu	English
1900-1957	7395	Kash	500	308	WEu	German	2100-2157	9640	Kash	500	298	SEu	Spanish
1900-1957	9440	KUN	500	283	WAF	English	2130-2157	6145	Mali	250	085	CEu	Hungarian
1900-1957	9615	Ur	500	308	WEu	German	2130-2157	7250	Ur	500	308	CEu	Hungarian
1900-1957	9655	KUN	500	300	NE/ME	Turkish	2130-2227	6115	BEI	500	322	WEu	French
1900-1957	9770	Kash	500	308	WEu	Cantonese	2130-2227	7350	Ur	500	308	WEu	French
1930-1957	5985	BEI	500	257	SAf	Portuguese	2130-2227	11975	Mali	100	020	WAF	French
1930-1957	6145	Ur	500	308	SEEu	Romanian	2130-2227	13630	Mali	100	111	CEAf	French
1930-1957	7305	Mali	250	065	CEu	Czech	2200-2257	5915	KUN	100	184	SEAs	Chinese
1930-1957	7335	JIN	500	320	SEu	Portuguese	2200-2257	5915	BEI	150	095	EAs	English
1930-1957	7365	BEI	500	257	SAf	Portuguese	2200-2257	5965	Kash	100	239	WAs	Chinese
1930-1957	7405	XIA	500	252	SAf	Portuguese	2200-2257	5985	XIA	500	073	EAs	Japanese
1930-1957	7415	Ur	500	308	CEu	Czech	2200-2257	6020	SZG	500	315	SEu	Spanish
1930-1957	7440	XIA	500	317	SEEu	Romanian	2200-2257	6100	BEI	500	318	SAm	Spanish
1930-1957	9535	Baoji	150	255	SAf	Portuguese	2200-2257	6100	KUN	150	163	SEAs	Chinese
1930-1957	9730	Kash	500	298	SEu	Portuguese	2200-2257	6140	KUN	100	225	SEAs	Chinese
1930-1957	11640	Mali	100	111	SAf	Portuguese	2200-2257	6175	ALB	150	280	SEu	Portuguese
1930-1957	13630	Mali	100	111	SAf	Portuguese	2200-2257	7210	XIA	500	073	EAs	Korean
1930-2027	7265	Ur	500	308	WEu	Esperanto	2200-2257	7210	ALB	150	280	SEu	Spanish
1930-2027	7350	Ur	500	270	WAF	French	2200-2257	7220	KUN	500	283	CEAf	Chinese
1930-2027	9645	KUN	500	283	WAF	French	2200-2257	7250	Ur	500	308	SEu	Spanish
1930-2027	9745	Ur	500	308	WEu	Esperanto	2200-2257	7260	Ur	500	308	SEu	Portuguese
2000-2027	7315	Ur	500	308	SEEu	Serbian	2200-2257	7305	JIN	500	059	EAs	Chinese
2000-2027	7390	XIA	500	317	SEEu	Serbian	2200-2257	7315	Kash	500	294	SAm	Esperanto
2000-2027	9585	Kash	500	298	SEEu	Serbian	2200-2257	7325	KUN	150	191	SEAs	Chinese
2000-2057	5960	ALB	150	310	WEu	English	2200-2257	7405	Ur	500	270	NE/ME	Chinese
2000-2057	5985	BEI	500	257	SAf	English	2200-2257	7430	JIN	500	255	SAf	Chinese
2000-2057	6020	SZG	500	315	CEu	Polish	2200-2257	7440	BEI	150	095	EAs	Japanese
2000-2057	6100	XIA	500	292	NoEAf	Arabic	2200-2257	9410	Kash	500	294	SAm	Portuguese
2000-2057	6145	Mali	500	060	CEu	Polish	2200-2257	9640	Kash	500	298	SEu	Spanish
2000-2057	6155	BEI	500	318	EeEUR	Russian	2200-2257	9685	Kash	500	269	SAm	Portuguese
2000-2057	6185	ALB	150	193	EAF	Arabic	2200-2257	9860	Kash	500	269	SAm	Esperanto
2000-2057	7215	ALB	150	140	NE/ME	Arabic	2230-2257	11975	Mali	100	020	NEAf	Chinese
2000-2057	7245	Kash	500	269	NE/ME	Chinese	2230-2257	15505	Mali	100	085	CAf	Chinese
2000-2057	7255	Baoji	150	317	EEu	Russian	2300-2357	5905	KUN	150	163	SEAs	Cantonese
2000-2057	7285	ALB	150	310	WEu	English	2300-2357	5915	Kash	100	174	SAs	English
2000-2057	7295	Kash	500	269	NE/ME	English	2300-2357	5990	Kuba	250	nd	CAM	English
2000-2057	7305	XIA	500	252	SAf	Chinese	2300-2357	5990	HUH	100	345	CAs	Russian
2000-2057	7335	SZG	500	315	WEu	Chinese	2300-2357	6100	BEI	500	318	SAm	Portuguese
2000-2057	7405	Ur	500	308	CEu	Polish	2300-2357	6140	KUN	100	225	SEAs	Cantonese
2000-2057	7415	Kash	500	308	WEu	English	2300-2357	6145	BEI	150	095	EAs	English
2000-2057	7440	BEI	500	318	WEu	Chinese	2300-2357	6175	ALB	150	280	SEu	Spanish
2000-2057	9440	KUN	500	300	NE/ME	English	2300-2357	6185	XIA	500	354	CAs	Mongolian
2000-2057	9600	Kash	500	308	WEu	English	2300-2357	7205	XIA	500	354	CAs	Mongolian
2000-2057	9865	KUN	500	283	CEAf	Chinese	2300-2357	7210	ALB	150	280	SEu	Spanish

2300-2357	7220	XIA	500	190	SEAs	Vietnamese	2300-2357	9555	BEI	150	095	EAs	Chinese
2300-2357	7250	Ur	500	308	SEu	Spanish	2300-2357	9590	Kash	500	294	SAm	Spanish
2300-2357	7295	MaLi	100	nd	WAF	Chinese	2300-2357	9695	JIN	500	059	EAs	Japanese
2300-2357	7300	Ur	500	308	WEu	Chinese	2300-2357	9765	NNN	100	200	SEAs	Cambodian
2300-2357	7325	KUN	150	191	SEAs	Cantonese	2300-2357	9800	Kash	500	269	SAm	Spanish
2300-2357	7350	Kash	500	308	WEu	English	2300-2357	11790	XIA	500	190	SEAs	English
2300-2357	7405	HUH	100	345	CAs	Russian	2300-2357	11935	KUN	100	175	SEAs	Cantonese
2300-2357	7415	Kash	100	174	SAs	English	2300-2357	11975	MaLi	100	020	NEAf	Chinese
2300-2357	7425	KUN	500	177	SEAs	Chinese	2300-2357	11990	NNN	100	200	SEAs	Cambodian
2300-2357	9415	BEI	500	193	SEAs	Vietnamese	2300-2357	13650	Kuba	250	135	SAm	Portuguese
2300-2357	9425	BEI	500	175	SEAs	Cantonese	2330-0027	6100	KUN	150	234	SAs	Sinhalese
2300-2357	9435	XIA	500	073	EAs	Japanese	2330-0027	7260	Kash	100	173	SAs	Sinhalese
2300-2357	9535	KUN	100	122	SEAs	English							

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 29)

### CUBA - Additional, unscheduled time of Radio Habana Cuba frequency 11750

1300-1400 11750^ CUBA 100 kW 160 deg to SAm Spanish schedul:d 1400-1600

^ co-ch Voice of America in English Sa/Su.

From Dec 9 at 1200 UT Radio Habana Cuba announcement summertime / frequencies.

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

### ETHIOPIA - Winter B-13 shortwave schedule of several Ethiopian stations:

0300-0400	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afa	VOTigray	Revolution
0300-0400	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
0300-0400	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
0300-0400	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0300-0400	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0300-0400	7237v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
0300-0400	9566v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
0400-0430	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afar	VOTigray	Revolution
0400-0430	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
0400-0430	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
0400-0430	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0400-0430	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0400-0430	7237v	GEJ	100	kW	non-dir	to ETH	Tig	VOPeace and	Democracy
0400-0430	9566v	GEJ	100	kW	non-dir	to ETH	Tig	VOPeace and	Democracy
0430-0600	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afa	VOTigray	Revolution
0430-0600	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
0430-0600	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
0430-0600	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0430-0600	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0430-0600	7237v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
0430-0600	9566v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
0600-0900	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afa	VOTigray	Revolution
0600-0900	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
0600-0900	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
0600-0900	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0600-0900	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
0600-0900	7237v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
0600-0900	9566v	GEJ	100	kW	non-dir	to ETH	Amh/Oro/Tig	R.Ethiopia	
1200-1500	7237v	GEJ	100	kW	non-dir	to ETH	Som/Afa/Ara	R.Ethiopia	
1200-1500	9566v	GEJ	100	kW	non-dir	to ETH	Som/Afa/Ara	R.Ethiopia	
1500-1600	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afa	VOTigray	Revolution
1500-1600	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
1500-1600	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
1500-1600	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
1500-1600	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
1500-1600	7237v	GEJ	100	kW	non-dir	to ETH	Ara/Tig/Afa	VODem.Alliance	
1500-1600	9566v	GEJ	100	kW	non-dir	to ETH	Ara/Tig/Afa	VODem.Alliance	
1600-1700	5950	GEJ	100	kW	non-dir	to ETH	Tig/Afa	VOTigray	Revolution
1600-1700	6030	GEJ	100	kW	non-dir	to ETH	Oro R.	Oromiya	
1600-1700	6090	GEJ	100	kW	non-dir	to ETH	Oro R.	Amhara	
1600-1700	6110	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	
1600-1700	7210	AAB	100	kW	non-dir	to ETH	Amh/Oro	R.Fana	

1600-1700	7237vGEJ	100 kW	non-dir	to	ETH	English R.Ethiopia
1600-1700	9566vGEJ	100 kW	non-dir	to	ETH	English R.Ethiopia
1700-1800	5950 GEJ	100 kW	non-dir	to	ETH	Tig/Afa VOTigray Revolution
1700-1800	6030 GEJ	100 kW	non-dir	to	ETH	Oro R.Oromiya
1700-1800	6090 GEJ	100 kW	non-dir	to	ETH	Oro R.Amhara
1700-1800	6110 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1700-1800	7210 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1700-1800	7237vGEJ	100 kW	non-dir	to	ETH	French R.Ethiopia
1700-1800	9566vGEJ	100 kW	non-dir	to	ETH	French R.Ethiopia
1800-1830	5950 GEJ	100 kW	non-dir	to	ETH	Tig/Afa VOTigray Revolution
1800-1830	6030 GEJ	100 kW	non-dir	to	ETH	Oro R.Oromiya
1800-1830	6090 GEJ	100 kW	non-dir	to	ETH	Oro R.Amhara
1800-1830	6110 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1800-1830	7210 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1800-1830	7237vGEJ	100 kW	non-dir	to	ETH	Tig VOPeace and Democracy
1800-1830	9566vGEJ	100 kW	non-dir	to	ETH	Tig VOPeace and Democracy
1830-1900	6090 GEJ	100 kW	non-dir	to	ETH	Oro R.Amhara
1830-1900	5950 GEJ	100 kW	non-dir	to	ETH	Tig/Afa VOTigray Revolution
1830-1900	6030 GEJ	100 kW	non-dir	to	ETH	Oro R.Oromiya
1830-1900	6110 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1830-1900	7210 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1830-1900	7237vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia
1830-1900	9566vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia
1900-2000	5950 GEJ	100 kW	non-dir	to	ETH	Tig/Afa VOTigray Revolution
1900-2000	6030 GEJ	100 kW	non-dir	to	ETH	Oro R.Oromiya
1900-2000	6110 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1900-2000	7210 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
1900-2000	7237vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia
1900-2000	9566vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia
2000-2100	6110 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
2000-2100	7210 AAB	100 kW	non-dir	to	ETH	Amh/Oro R.Fana
2000-2100	7237vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia
2000-2100	9566vGEJ	100 kW	non-dir	to	ETH	Amh/Oro/Tig R.Ethiopia

Afa=Afar; Amh=Amharic; Ara=Arabic; Oro=Oromo; Som=Somali; Tig=Tigrinya.

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

**FRANCE** - Winter B-13 shortwave schedule of Radio France Internationale:

0400-0458	7390 F	500 kW	130 deg	to	ECAf	French	till Feb.22
0400-0458	9790 F	500 kW	140 deg	to	ECAf	French	
0400-0458	11700 F	500 kW	130 deg	to	ECAf	French	from Feb.23
0430-0458	9665 RSA	250 kW	019 deg	to	EAF	Swahili	
0500-0558	7390 F	500 kW	160 deg	to	CAF	French	till Feb.22
0500-0558	9790 F	500 kW	150 deg	to	CAF	French	
0500-0558	11605 RSA	100 kW	345 deg	to	WAF	French	
0500-0558	11700 F	500 kW	160 deg	to	CAF	French	from Feb.23
0530-0558	11790 RSA	100 kW	015 deg	to	EAF	Swahili	till Feb.22
0530-0558	15160 RSA	100 kW	015 deg	to	EAF	Swahili	from Feb.23
0600-0628	7295 F	500 kW	170 deg	to	WCAf	Hausa	till Feb.22
0600-0628	9805 F	500 kW	170 deg	to	WCAf	Hausa	
0600-0628	7295 F	500 kW	170 deg	to	WCAf	Hausa	from Feb.23
0600-0658	5925 F	500 kW	204 deg	to	NWAF	French	till Feb.22
0600-0658	7390 F	500 kW	204 deg	to	NWAF	French	from Feb.23
0600-0658	7390 F	500 kW	185 deg	to	NWAF	French	till Feb.22
0600-0658	9790 F	500 kW	185 deg	to	NWAF	French	from Feb.23
0600-0658	11605 RSA	100 kW	345 deg	to	WAF	French	
0600-0658	15170 RSA	250 kW	328 deg	to	WAF	French	
0600-0658	15300 F	500 kW	153 deg	to	CAF	French	
0700-0728	13685 F	500 kW	170 deg	to	WCAf	Hausa	
0700-0728	15315 F	500 kW	170 deg	to	WCAf	Hausa	
0700-0758	9790 F	500 kW	204 deg	to	NWAF	French	till Feb.22
0700-0758	11700 F	500 kW	204 deg	to	NWAF	French	from Feb.23
0700-0758	11700 F	500 kW	190 deg	to	WCAf	French	till Feb.22
0700-0758	13695 F	500 kW	185 deg	to	NWAF	French	
0700-0758	15170 RSA	250 kW	328 deg	to	WAF	French	

0700-0758 15300 F 500 kW 155 deg to CAf French  
 0700-0758 15300 F 500 kW 190 deg to WCAf French from Feb.23  
 0700-0758 17850 F 500 kW 155 deg to CAf French till Feb.22  
 0700-0758 21580 F 500 kW 155 deg to CAf French from Feb.23  
 0800-0858 13695 F 500 kW 204 deg to NWAf French  
 0800-0858 15300 F 500 kW 195 deg to NoAF French  
 0800-0858 17620 F 500 kW 185 deg to NoAF French  
 0800-0858 21580 F 500 kW 155 deg to CAf French  
 0930-1028 7325 PA0 250 kW 352 deg to EAs Chinese  
 0930-1028 11875 PA0 250 kW 352 deg to EAs Chinese  
 1100-1128 15680 PA0 100 kW 352 deg to EAs French  
 1200-1258 17620 F 500 kW 200 deg to NWAf French  
 1200-1258 17660 RSA 250 kW 342 deg to CAf French  
 1200-1258 21580 F 500 kW 155 deg to CAf French  
 1200-1258 21690 F 500 kW 185 deg to WCAf French  
 1300-1328 11860 F 500 kW 055 deg to EEi Russian till Feb.22  
 1300-1328 15530 F 500 kW 080 deg to CAs Russian  
 1300-1328 17850 F 500 kW 055 deg to EEu Russian from Feb.23  
 1400-1458 7380 PA0 100 kW 250 deg to SEAs Vietnamese  
 1430-1458 13690 F 500 kW 084 deg to WAs Persian  
 1430-1458 15395 F 500 kW 085 deg to WAs Persian  
 1500-1528 11935 F 500 kW 055 deg to EaEUR Russian  
 1500-1528 13750 F 500 kW 080 deg to CAs Russian  
 1500-1558 9565 TSH 100 kW 250 deg to SEAs Vietnamese  
 1500-1558 15360 RSA 250 kW 007 deg to EAF Swahili  
 1600-1658 17615 F 500 kW 170 deg to WCAf Hausa  
 1700-1728 9755 RSA 250 kW 328 deg to WAF Portuguese  
 1700-1758 11955 F 500 kW 085 deg to WAs Persian  
 1700-1758 13740 F 500 kW 195 deg to WCAf French  
 1700-1758 15300 F 500 kW 153 deg to CAf French  
 1700-1758 15300 F 500 kW 204 deg to NWAf French  
 1700-1758 17620 F 500 kW 185 deg to WCAf French  
 1700-1758 17850 F 500 kW 153 deg to CAf French  
 1800-1858 5890 F 500 kW 055 deg to EEu Russian  
 1800-1858 9465 F 500 kW 080 deg to CAs Russian  
 1800-1858 11995 F 500 kW 155 deg to CAf French  
 1800-1858 11995 F 500 kW 204 deg to NWAf French  
 1800-1858 13740 F 500 kW 185 deg to WCAf French  
 1800-1858 15300 F 500 kW 153 deg to CAf French  
 1800-1858 15300 F 500 kW 204 deg to NWAf French  
 1900-1933 6180 RSA 250 kW 320 deg to WAF Portuguese  
 1900-1958 11995 F 500 kW 185 deg to WCAf French till Feb.22  
 1900-1958 13740 F 500 kW 185 deg to WCAf French from Feb.23  
 1900-1958 15300 F 500 kW 204 deg to NWAf French  
 1900-1958 15300 F 500 kW 153 deg to CAf French  
 2000-2058 7205 F 500 kW 204 deg to NWAf French  
 2000-2058 9790 F 500 kW 195 deg to WCAf French  
 2000-2058 11995 F 500 kW 185 deg to WCAf French  
 2100-2158 7205 F 500 kW 204 deg to NWAf French  
 2100-2158 9790 F 500 kW 195 deg to WCAf French  
 2200-2258 7310 TSH 300 kW 325 deg to EAs Chinese  
 2300-2358 9955 PA0 250 kW 352 deg to EAs Chinese  
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Nov 30)

Additional frequencies of Radio France Internationale in French from Jan 1 all via Meyerton-AFS relay site:

0400-0500 on 11750  
 1700-1800 on 11660  
 1800-1900 on 9810  
 1900-2000 on 9885

(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Jan 3)

### GERMANY / PHILIPPINES / SRI LANKA / U.K. - IBB changes:

VoA from Dec 20

0100-0200 NF 9845 IRA 250 kW 356 deg to SAs English,

ex9790

0100-0200 NF15130 PH 250 kW 270 deg to SAs English, ex15205  
 1430-1500 NF11595 BIB 100 kW 085 deg to WAs Pashto Radio Ashna, ex17580  
 1430-1500 11825 Wof 300 kW 075 deg to WAs Pashto Radio Ashna, exIRA  
 1500-1530 NF11595 BIB 100 kW 085 deg to WAs Dari Radio Ashna, ex17580  
 1500-1530 11825 Wof 300 kW 075 deg to WAs Dari Radio Ashna, exIRA  
 1500-1530 NF11695 IRA 250 kW 334 deg to CAs Uzbek, ex5875 TH  
 1500-1600 NF 9900 PH 250 kW 270 deg to SAs Learning English, ex9760

Radio Liberty from Dec 1

1900-2000 NF 7460 IRA 250 kW 332 deg to CAs Russian, ex9590 LAM  
 1900-2000 9515 Lam 100 kW 055 deg to CAs Russian, exsame Wof  
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 18)

### **GERMANY [ARMENIA/RWANDA]** - Deutsche Welle changes from Jan 1, 2014:

1300-1400 NF17860 RRW 250 kW 295 deg to Waf Hausa, ex12070  
 1330-1400 NF15700 RRW 250 kW 030 deg to WAs Dari, ex9440 ERV  
 1400-1430 NF15700 RRW 250 kW 030 deg to WAs Pashto, ex9440 ERV  
 1430-1500 NF15700 RRW 250 kW 030 deg to SAs Urdu, ex15275 RRW  
 1430-1500 9440 ERV 300 kW 100 deg to SAs Urdu, cancelled  
 1930-2000 11800 RRW 250 kW non-dir to CAf English, cancelled  
 1930-2000 NF11800 RRW 250 kW non-dir to CAf Portuguese, ex7305 RRW  
 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 16)

**ISRAEL** - Galei Zahal confirms they have discontinued 15850 and 6885 kHz. Another country lost to short wave listeners ...

Due to financial and budget re-organizing we decided to end our broadcast in the mentioned frequency.

Our global listeners can use our on-line service:

<<http://player.glz.co.il/Player.aspx?ClipID=glz-a-zixief&Type=live&FixedPoster=true&FixedPosterName=GLZ.jpg>>

Eran Elyakim, Ombudsman, Galei-Zahal

(via Alan Holder, Isle of Wight, UK, Dec 15, DXLD)

**LIBERIA** - 4760, ELWA RETURNS --- Surprised to find a signal here with M preaching with the mic positioned in the back of the room at 0704 tune/in. At 0705 preaching ended and the studio M came on in Afro-accented English and mentioned "beautiful celebration", and then at 0708:40 was shocked to hear ELWA IDs clearly and somewhat slowly!! Then went into Hi-life music. 0714 M returned with more mentions of "celebrate" and "celebration", "broadcast". 0718 into choral singing with M talk voice-over saying "hallelujah", and M host came on at 0721. 0726-0731 "Oh Holy Night" by W. 0732:05 ID. Mention of Liberia during talk by M at 0741.

Was gradually and slowly fading but really took a nosedive between 0741-0751. Was still barely able to hear Afro singing at 0752. Barely visible in the display at 0800. Very surprised and glad to see them back. e-QSL already received from Moses Nyantee who says they are testing 5:30-10:00 AM and 5:00-10:00 PM Liberia time [= UT, no longer 44 minutes displaced ---gh]. Will start regular broadcasts on 1 January. (21 Dec.) (Dave Valko, Dunlo, PA, USA, Perseus SDR, Wellbrook ALA1530S+, and 153' vertical triangular Delta Loop, Hard-Core-DX mailing list via WOR 1701, DXLD)

*4760 is used by TWR Africa, too, and another station ... as if there are no other free QRGs in this band at that time ... (we)*

**NEW ZEALAND** - Frequency change of Radio New Zealand Int. from Dec 14 1059-1258 NF13840 RAN 100 kW 325 deg to NWPacific/PNG/Timor/Asia, 15720 (DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 16)

**PAPUA NEW GUINEA [and non]** - 3325.000, NBC Kieta, Bougainville, weak signal under threshold. [3330 CHU CAN S=7]

3345: Two peaks visible at 1214 UT. Stronger 3345.031 kHz, lower signal level on 3344.866 kHz. Registered are here RRI Ternate-INS and NBC Northern, V. of Oro, Popondetta-PNG, and accompanied by 70 Hertz deep BUZZ audio interference tone.

3364.983, Nice signal of R Milne Bay, Alotau-PNG, at 1220 UT at S=+9db signal heard in Queensland. (wb, dxldyg via DXLD)

3365, NBC Milne Bay seems to regularly be on the air 24 hours a day now. Often heard past 1530. Dec 20 at 1528

played Auld Lang Syne; poor

3385, NBC East New Britain, 0903, Dec 25. News in English; // 3365; 0912 no longer //; series of ads and promos; 0925 with Xmas greetings in English; Xmas songs; poor (Ron Howard, San Francisco at Ocean Beach, CA, Etón E1, dxldyg via DXLD)

3905, R. New Ireland, 1240-1404\*, Dec 20. Xmas songs; mostly non-stop reading of a very long list made up of school names, numbers, positions, and persons name ("Central New Ireland Primary School," "201, assistant teacher [name given]," "102, vacant," "202, head master [name given]," etc.); 1302-1305 break for NBC "News Roundup" in English then continued on with the list; off with usual children singing anthem (attached audio); well above normal reception; ham QRM. (Ron Howard, Calif., Etón E1, dxldyg via DXLD)

**RUSSIA** - Full schedule of broadcasting WGD "Voice of Russia" in the winter season B-13, since January 1, 2014:

Language	UTC	transmitter	kHz	kW	direction	notes
ARABIC	1600-2100	Krasnodar	1170	1200	Near & Middle East	
ARABIC	1600-2100	Yerevan	1314	1000	Near & Middle East	
CHECHEN/RUSS	0300-0600	Grozny	657	50	Caucasus	
CHECHEN/RUSS	0300-0600	Krasnodar	171	1200	Caucasus	
CHECHEN/RUSS	1200-1600	Grozny	657	50	Caucasus	
CHECHEN/RUSS	1200-1600	Krasnodar	171	1200	Caucasus	
CHINESE	1000-1400	Irkutsk	1080	500	Asia	
CHINESE	1000-1400	Ussurijsk	648	500	Asia	
CHINESE	1000-1400	Irkutsk	5900	250	Asia	
DARI ,PASHTO	1200-1400	Dushanbe	648	1000	Near & Middle East	
DARI ,PASHTO	1200-1400	Dushanbe	801	500	Near & Middle East	
ENGLISH	0100-0200	Dushanbe	927	300	Near & Middle East	
ENGLISH	0100-0200	Dushanbe	801	500	Asia	
ENGLISH	0100-0200	Dushanbe	801	500	Near & Middle East	
ENGLISH	0100-0200	Dushanbe	648	1000	Near & Middle East	
ENGLISH	0200-0300	Dushanbe	648	1000	Near & Middle East	
ENGLISH	0200-0300	Dushanbe	972	1000	Near & Middle East	
ENGLISH	0300-0400	Dushanbe	648	1000	Near & Middle East	
ENGLISH	0300-0400	Dushanbe	972	1000	Near & Middle East	
ENGLISH	0600-0700	Irkutsk	21800	250	Australia, New Zealand	
ENGLISH	0700-0800	Moscow	11635	40	Europe	DRM
ENGLISH	0700-0800	Irkutsk	21800	250	Australia, New Zealand	
ENGLISH	0700-0900	Irkutsk	21800	250	Asia	
ENGLISH	0800-0900	Moscow	11635	40	Europe	DRM
ENGLISH	0800-0900	Kaliningrad	9625	15	Europe	DRM1
ENGLISH	0800-0900	Irkutsk	21800	250	Australia, New Zealand	
ENGLISH	0900-1000	Ussurijsk	648	500	Asia	
ENGLISH	0900-1000	Moscow	11635	40	Europe	DRM
ENGLISH	0900-1200	Kaliningrad	9625	15	Europe	DRM2
ENGLISH	1000-1200	Irkutsk	9560	250	Central and SE Asia	
ENGLISH	1000-1200	Irkutsk	12035	15	Asia	DRM
ENGLISH	1200-1300	Dushanbe	972	1000	Near & Middle East	
ENGLISH	1200-1500	Kaliningrad	9625	15	Europe	DRM1
ENGLISH	1300-1400	Dushanbe	927	300	Near & Middle East	
ENGLISH	1300-1400	Irkutsk	9560	250	Central and SE Asia	
ENGLISH	1400-1445	Ussurijsk	648	500	Asia	
ENGLISH	1400-1500	Dushanbe	648	1000	Near & Middle East	
ENGLISH	1500-1600	Irkutsk	5900	250	Asia	
ENGLISH	1500-1600	Dushanbe	927	300	Near & Middle East	
ENGLISH	1600-1700	Dushanbe	801	500	Asia	
ENGLISH	1600-1700	Dushanbe	801	500	Near & Middle East	
ENGLISH	1600-1700	Irkutsk	5900	250	Central and SE Asia	
ENGLISH	1700-1800	Dushanbe	801	500	Near & Middle East	
ENGLISH	1700-1800	Dushanbe	801	500	Asia	
ENGLISH	1700-1800	Dushanbe	648	1000	Near & Middle East	
ENGLISH	1800-1900	Dushanbe	648	1000	Near & Middle East	
ENGLISH	1800-1900	Dushanbe	927	300	Near & Middle East	
ENGLISH	1800-1900	Dushanbe	801	500	Near & Middle East	
ENGLISH	2100-2200	Moscow	6000	40	Europe	DRM

FRENCH	1700-2000	Kaliningrad	6125	15	Europe	DRM
GERMAN	0900-1200	Kaliningrad	9625	15	Europe	DRM1
GERMAN	1500-1700	Moscow	9680	40	Europe	DRM
GERMAN	1700-1900	Moscow	6110	40	Europe	DRM
HINDI	1300-1400	Dushanbe	972	1000	Asia	
HINDI	1300-1400	Irkutsk	7400	15	Asia	DRM
HINDI	1500-1600	Dushanbe	801	500	Asia	
IRAN/PERSIAN	1500-1700	Yerevan	1377	1000	Near & Middle East	
IRAN/PERSIAN	1500-1700	Dushanbe	648	1000	Near & Middle East	
JAPANESE	1200-1300	Irkutsk	5980	250	Asia	
JAPANESE	1300-1400	Irkutsk	5980	250	Asia	
KURDISH	0500-0600	Yerevan	1314	1000	Near & Middle East	
KURDISH	1500-1600	Yerevan	1314	1000	Near & Middle East	
POLISH	1700-1800	Kaliningrad	1143	150	Europe	
RUSSIAN	0000-0100	Grozny	657	50	Caucasus	
RUSSIAN	0000-2300	Dushanbe	1503	500	Central Asia (CIS)	
RUSSIAN	0100-0300	Grozny	657	50	Caucasus	
RUSSIAN	0100-0300	Yerevan	1395	500	Caucasian region	
RUSSIAN	0300-0600	Yerevan	1395	500	Caucasian region	
RUSSIAN	0400-0500	Grigoriopol	1548	500	Ukraine, Moldova	
RUSSIAN	0400-0600	Grigoriopol	1548	500	Europe	
RUSSIAN	0500-0800	Grigoriopol	1548	500	Ukraine, Moldova	
RUSSIAN	0500-0800	Grigoriopol	999	500	Ukraine, Moldova	
RUSSIAN	0600-1200	Yerevan	1395	500	Caucasian region	
RUSSIAN	0600-1200	Grozny	657	50	Caucasus	
RUSSIAN	0800-0900	Kaliningrad	9625	15	Europe	DRM2
RUSSIAN	0800-1700	Grigoriopol	999	500	Ukraine, Moldova	
RUSSIAN	1200-1500	Kaliningrad	9625	15	Europe	DRM2
RUSSIAN	1200-1600	Yerevan	1395	500	Caucasian region	
RUSSIAN	1600-1700	Grigoriopol	999	500	Europe	
RUSSIAN	1600-1900	Grigoriopol	999	500	Belarus	
RUSSIAN	1600-2000	Yerevan	1395	500	Caucasian region	
RUSSIAN	1600-2000	Grozny	657	50	Caucasus	
RUSSIAN	1700-1800	Grigoriopol	1548	500	Ukraine, Moldova	
RUSSIAN	1700-1800	Grigoriopol	999	500	Europe	
RUSSIAN	1700-1800	Grigoriopol	1548	500	Europe	
RUSSIAN	1700-1800	Grigoriopol	999	500	Ukraine, Moldova	
RUSSIAN	1800-1900	Grigoriopol	999	500	Ukraine, Moldova	
RUSSIAN	1800-1900	Kaliningrad	1143	150	Europe	
RUSSIAN	1800-1900	Grigoriopol	999	500	Europe	
RUSSIAN	1800-1900	Grigoriopol	1413	500	Europe	
RUSSIAN	1800-1900	Grigoriopol	1413	500	Ukraine, Moldova	
RUSSIAN	1800-2100	Kaliningrad	1143	150	Baltic Countries	
RUSSIAN	1800-2100	Kaliningrad	1215	1200	Baltic Countries	
RUSSIAN	1900-2000	Grigoriopol	1413	500	Europe	
RUSSIAN	1900-2000	Grigoriopol	1413	500	Ukraine, Moldova	
RUSSIAN	1900-2000	Kaliningrad	1143	150	Europe	
RUSSIAN	2000-2100	Kaliningrad	1143	150	Europe	
RUSSIAN	2000-2400	Yerevan	1395	500	Caucasian region	
RUSSIAN	2000-2400	Grozny	657	50	Caucasus	
RUSSIAN	2100-2200	Kaliningrad	1215	1200	Baltic Countries	
RUSSIAN	2100-2300	Grigoriopol	999	500	Europe	
RUSSIAN	2100-2300	Grigoriopol	999	500	Ukraine, Moldova	
RUSSIAN	2100-2300	Grigoriopol	999	500	Belarus	
SERBIAN	1500-1700	Grigoriopol	1548	500	Europe	
SERBIAN	2000-2130	Grigoriopol	1548	500	Europe	
SPANISH	2000-2100	Moscow	6000	40	Europe	DRM
TURKISH	0200-0300	Yerevan	1377	1000	Near & Middle East	
TURKISH	0300-0400	Yerevan	1350	1000	Near & Middle East	
TURKISH	0300-0400	Yerevan	1377	1000	Near & Middle East	
TURKISH	0400-0500	Yerevan	1350	1000	Near & Middle East	
TURKISH	1300-1400	Yerevan	1350	1000	Near & Middle East	
TURKISH	1300-1400	Yerevan	1314	1000	Near & Middle East	
TURKISH	1400-1500	Yerevan	1350	1000	Near & Middle East	

TURKISH	1400-1500	Yerevan	1314	1000	Near & Middle East	
TURKISH	1500-1600	Yerevan	1350	1000	Near & Middle East	
TURKISH	2100-2230	Yerevan	1314	1000	Near & Middle East	
URDU	1400-1500	Dushanbe	801	500	Asia	
URDU	1400-1500	Dushanbe	927	300	Asia	
URDU	1400-1500	Irkutsk	7400	15	Asia	DRM
VIETNAMESE	1200-1300	Irkutsk	9560	250	Asia	

DRM1 = DRM channel 1 - DRM2 = DRM channel 2

(Department of frequency planning WGD "Voice of Russia", via MIDXB, via M. Bethge-D, via wwdxc BC-DX TopNews Dec 27)

**SWEDEN [GERMANY / LATVIA]** - The Swedish DX Federation will have three broadcasts on mediumwave and shortwave in early 2014 as follows:

Saturday 11 January at 1200-1300 UTC on 7265 kHz (Hamburger Lokalradio)

Sunday 9 February at 1800-1900 UTC on 1485 kHz (Radio Merkurs)

Saturday 15 February at 1200-1300 UTC on 7265 kHz (Hamburger Lokalradio)

Sunday 9 March at 1800-1900 UTC on 1485 kHz (Radio Merkurs)

Saturday 15 March at 1200-1300 UTC on 7265 kHz (Hamburger Lokalradio)

The programmes will be produced and presented by Ronny Forslund and they will be mainly in Swedish. In addition to DX News and details about the Swedish DX scene there will be lots of nice music.

(SDXF, December 16, 2013)

**U.K. [and non]** - BBC changes:

0230-0300 9560 UAE 250 kW 070 deg to SAs Hindi till December 13

0400-0800 15420vUAE 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 17640vUAE 250 kW 215 deg to EaAF English, additional

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

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

1130-1500 21470 UAE 250 kW 205 deg to EaAF Somali Sa, cancelled

1130-1500 15595 SEY 250 kW 295 deg to EaAF 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 EaAF 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 WeCAF 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 WeCAF English, additional

# strong co-ch HCJB Australia in Chinese/English/Japanese 1000-1130

v=15420.1 / 17640.1 kHz.

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

Winter B-13 of BABCOCK Relays:

FEBA Radio

0000-0030 5905 UZB 100 kW / 131 deg to SAs Bangla IBRA Radio

0200-0230 7315 UAE 250 kW / 060 deg to SAs Urdu Su

0200-0215 7315 UAE 250 kW / 060 deg to SAs Urdu Mo-Sa

0215-0230 7315 UAE 250 kW / 060 deg to SAs Mixed langs Mo-Sa

0230-0300 5940 UAE 250 kW / 045 deg to WAs Dari Radio Sadaye Zindagi

0300-0315 5940 UAE 250 kW / 045 deg to WAs Mixed lang

0800-0830 15260 Wof 250 kW / 107 deg to N/ME Arabic

1200-1230 15215 UAE 250 kW / 085 deg to CAs Tibetan

1400-1430 11900 UAE 250 kW / 060 deg to SAs Urdu

1430-1445 11900 UAE 250 kW / 060 deg to SAs Mixed langs

1430-1515 9540 UZB 100 kW / 131 deg to SAs Hindi

1500-1530 9390 UZB 100 kW / 131 deg to SAs Bangla

1500-1530 9400 ERV 300 kW / 100 deg to WAs Dari Radio Sadaye Zindagi

1530-1600 9400 ERV 300 kW / 100 deg to WAs Pashto

1600-1630 11875 RRW 250 kW / 030 deg to EAs Afar

1600-1630 12125 ERV 300 kW / 192 deg to EAs Amharic Thu-Su



1600-1630	12125	ERV	300 kW	/	192 deg	to	EAs	Guragena	Mo-Wed
1630-1700	12125	ERV	300 kW	/	192 deg	to	EAs	Amharic	
1630-1700	9820	UAE	250 kW	/	230 deg	to	EAs	Tigrinya	Su-Wed
1630-1700	9820	UAE	250 kW	/	230 deg	to	EAs	Amharic	Thu-Sa
1700-1730	6180	UAE	250 kW	/	215 deg	to	EAs	Somali	
1700-1730	9595	RRW	250 kW	/	030 deg	to	EAs	Orominya	
1700-1800	12045	Wof	250 kW	/	114 deg	to	N/ME	Arabic	IBRA Radio
1730-1800	7510	ERV	300 kW	/	192 deg	to	EAs	Silte	
1730-1800	9595	RRW	250 kW	/	030 deg	to	EAs	Tigrinya	
1730-1800	11610	RSA	100 kW	/	035 deg	to	EAs	Somali	IBRA Radio
1730-1800	11785	UAE	250 kW	/	220 deg	to	EAs	Swahili	IBRA Radio
1800-1930	9550	RRW	250 kW	/	030 deg	to	N/ME	Arabic	
1800-1930	12070	Wof	250 kW	/	137 deg	to	CAF	Arabic	IBRA Radio
1830-1845	15250	ASC	250 kW	/	070 deg	to	CWAF	French	
1900-2000	7235	Wof	300 kW	/	180 deg	to	WAF	Fulfulde	IBRA Radio

## Radio Australia

0000-0030	12005	SNG	100 kW	/	340 deg	to	SEAs	Burmese	
0100-0130	11780	SNG	100 kW	/	340 deg	to	SEAs	Burmese	
0400-0500	17840	HBN	100 kW	/	270 deg	to	SEAs	English	
1100-1300	6140	SNG	100 kW	/	013 deg	to	SEAs	English	
1300-1430	9965	HBN	100 kW	/	318 deg	to	EAs	English	
1600-1630	9580	SNG	250 kW	/	340 deg	to	SEAs	English	
2200-2330	9890	UAE	250 kW	/	105 deg	to	SEAs	English	
2200-2400	9855	UAE	250 kW	/	090 deg	to	SEAs	English	
2300-2330	5955	UAE	250 kW	/	085 deg	to	SEAs	Burmese	

## Voice of Vietnam

0100-0128	6175	Wof	250 kW	/	282 deg	to	NAm	English	
0130-0228	6175	Wof	250 kW	/	282 deg	to	NAm	Vietnamese	
0230-0258	6175	Wof	250 kW	/	282 deg	to	NAm	English	
0300-0328	6175	HRI	250 kW	/	173 deg	to	SAm	Spanish	
0330-0358	6175	HRI	250 kW	/	173 deg	to	SAm	English	
0400-0428	6175	HRI	250 kW	/	173 deg	to	SAm	Spanish	
0430-0528	6175	HRI	250 kW	/	260 deg	to	MEX	Vietnamese	
1800-1828	5955	OE	100 kW	/	300 deg	to	WEu	English	
1830-1928	5955	OE	100 kW	/	300 deg	to	WEu	Vietnamese	
1930-1958	5955	OE	100 kW	/	300 deg	to	WEu	French	
2000-2028	6135	Wof	250 kW	/	075 deg	to	EEu	Russian	
2030-2058	6175	UAE	250 kW	/	315 deg	to	WEu	German	
2100-2128	6175	UAE	250 kW	/	315 deg	to	WEu	German	
2130-2228	5930	Wof	250 kW	/	114 deg	to	SEEu	Vietnamese	

## Radio Japan NHK World

0100-0130	11590	UZB	100 kW	/	163 deg	to	SAs	Hindi	
0400-0430	11730	UZB	100 kW	/	236 deg	to	WAs	Farsi	
0400-0430	6195	HRI	250 kW	/	167 deg	to	CAM	Spanish	
0500-0530	13640	UAE	250 kW	/	315 deg	to	WEu	English	
0800-1000	12015	ASC	250 kW	/	245 deg	to	SAm	Japanese	
0900-0930	6195	HRI	250 kW	/	152 deg	to	SAm	Portuguese	
0930-1000	6195	HRI	250 kW	/	152 deg	to	SAm	Spanish	
1030-1100	11740	SNG	250 kW	/	330 deg	to	SEAs	Burmese	
1100-1130	9760	Wof	060 kW	/	105 deg	to	WEu	English	Fri DRM
1100-1130	11740	SNG	250 kW	/	000 deg	to	SEAs	Vietnamese	
1100-1200	9760	Wof	060 kW	/	105 deg	to	WEu	Russian	Fri DRM
1115-1200	9625	HBN	100 kW	/	270 deg	to	SEAs	Indonesian	
1130-1200	11740	SNG	250 kW	/	000 deg	to	SEAs	Thai	
1200-1230	11740	SNG	250 kW	/	000 deg	to	SEAs	English	
1230-1300	11740	SNG	250 kW	/	000 deg	to	SEAs	Thai	
1300-1330	11740	SNG	100 kW	/	000 deg	to	SEAs	Vietnamese	
1300-1345	12035	UZB	100 kW	/	131 deg	to	SAs	Bengali	
1315-1400	11925	HBN	100 kW	/	270 deg	to	SEAs	Indonesian	
1400-1430	11695	UZB	100 kW	/	163 deg	to	SAs	English	
1400-1430	11925	HBN	100 kW	/	270 deg	to	SEAs	English	

1430-1500 11740 SNG 250 kW / 330 deg to SEAs Burmese  
 1500-1700 12045 SNG 250 kW / 315 deg to WAs Japanese  
 1515-1600 13870 UAE 250 kW / 060 deg to SAs Urdu  
 1800-1830 11800 RSA 250 kW / 328 deg to CAf English  
 2130-2200 17540 HRI 250 kW / 152 deg to SAm Portuguese

## Adventist World Radio

0100-0200 15445 TSH 100 kW / 250 deg to Asia Vietnamese Sa

## 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

## Trans World Radio Africa

0330-0345 9530 UAE 250 kW / 225 deg to EAs Amharic Su/Mo/Fr  
 0330-0345 9530 UAE 250 kW / 225 deg to EAs Oromo Tue  
 0330-0345 9530 UAE 250 kW / 225 deg to EAs Sidamo Wed/Thu  
 1300-1315 13660 RRW 250 kW / 030 deg to EAs Afar Thu-Su  
 1630-1645 11635 UAE 250 kW / 225 deg to EAs Somali Su  
 1630-1700 11635 UAE 250 kW / 225 deg to EAs Somali Mo-Sa  
 1800-1815 5965 UAE 250 kW / 225 deg to EAs Tigrinya Mo-Thu  
 1800-1830 5965 UAE 250 kW / 225 deg to EAs Tigre Sa  
 1800-1830 5965 UAE 250 kW / 225 deg to EAs Kunama Su

## KBS World Radio

0700-0800 6045 Wof 250 kW / 105 deg to WEu Korean  
 1100-1130 9760 Wof 100 kW / 105 deg to WEu English Sa DRM  
 1800-1900 7235 Wof 250 kW / 075 deg to EaEu Russian  
 2000-2100 3955 Wof 250 kW / 114 deg to WEu German  
 2000-2100 9840 UAE 250 kW / 285 deg to NEAf Arabic  
 2100-2200 3955 Wof 250 kW / 114 deg to WEu French  
 2200-2230 3955 Wof 250 kW / 114 deg to WEu English

## Radio ERGO

0830-0930 17680 UAE 250 kW / 225 deg to EAs Somali

## Eternal Good News

1130-1145 15525 UAE 250 kW / 100 deg to SAs English Fr

## 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

## 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 PAO 250 kW / 045 deg to NEAs Japanese

## SW Radio Africa

1700-1900 4880 RSA 100 kW / 005 deg to ZWE English/Ndebele/Shona

## Radio Taiwan International

1900-2000 3955 Wof 250 kW / 114 deg to WEu German  
 1900-2000 9895 UAE 250 kW / 315 deg to WEu French

## HCJB Global

2100-2145 7300 Wof 250 kW / 170 deg to NAF Arabic  
 2145-2215 9530 ASC 250 kW / 027 deg to WAF Pulaar Thu-Tue  
 (Ivo Ivanov, Sofia, Bulgaria, DX MIX NEWS #808, Nov 18)

**U.S.A.** - New updated B-13 schedule of KVOH from December 16:

1400-2000 17775 VOH 050 kW 100 deg to CAm Spanish Mo-Fr  
 0300-0500 9975 VOH 050 kW 100 deg to CAm English Su/Mo

(DX MIX News, Ivo Ivanov-BUL, via wwdxc BC-DX TopNews Dec 15)

Winter B-13 schedule of WBCQ The Planet:

0000-0400 5110vBCQ 050 kW / 245 deg NEAm English CUSB Daily  
 0400-1100 5110vBCQ 050 kW / 245 deg NEAm English CUSB Daily ex Tue-Sa  
 2000-2100 7490 BCQ 050 kW / 245 deg NEAm English Tue  
 2100-2200 7490 BCQ 050 kW / 245 deg NEAm English Mo-Fr  
 2200-2400 7490 BCQ 050 kW / 245 deg NEAm English Su-Fr  
 0000-0200 7490 BCQ 050 kW / 245 deg NEAm English Daily  
 0200-0500 7490 BCQ 050 kW / 245 deg NEAm English Mo-Sa  
 0500-1100 7490 BCQ 050 kW / 245 deg NEAm English Daily  
 0000-2400 9330 BCQ 050 kW / 245 deg NEAm English CUSB Daily  
 1500-1800 15420 BCQ 050 kW / 245 deg NEAm English CUSB  
 1800-2200 15420 BCQ 050 kW / 245 deg NEAm English CUSB Daily  
 (Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013)

Winter B-13 schedule of WINB:

1215-1300 9265 INB 050 kW 242 deg CAm English Su  
 1300-1500 13570 INB 050 kW 242 deg CAm English Su  
 1500-1545 13570 INB 050 kW 242 deg CAm English Sa/Su  
 1545-2200 13570 INB 050 kW 242 deg CAm English Daily  
 2200-2400 9265 INB 050 kW 242 deg CAm English Daily  
 0000-0330 9265 INB 050 kW 242 deg CAm English Daily  
 0330-0430 9265 INB 050 kW 242 deg CAm English Tue-Sa  
 (Ivo Ivanov-BUL, Dec 29, via dxld Jan 1)

Winter B-13 schedule of WTWW "We Transmit World Wide":

WTWW-1

0000-1400 5830 TWw 100 kW / 050 deg NEAm English  
 1400-2400 9475 TWw 100 kW / 050 deg NEAm English

WTWW-2

0000-1400 5085 TWw 100 kW / 180 deg SAm English  
 1400-2400 9930 TWw 100 kW / 180 deg SAm English

WTWW-3

0000-0300 12105 TWw 100 kW / 040 deg NEAm Spanish Sa-Wed  
 0300-0500 12105 TWw 100 kW / 040 deg NEAm Portuguese Sa-Wed  
 0500-0600 12105 TWw 100 kW / 040 deg NEAm Portuguese, very irregular  
 0600-0900 12105 TWw 100 kW / 040 deg NEAm Yoruba, very irregular  
 0900-1200 12105 TWw 100 kW / 040 deg NEAm Chinese, very irregular  
 1200-1400 12105 TWw 100 kW / 040 deg NEAm Russian, very irregular  
 1400-1500 12105 TWw 100 kW / 040 deg NEAm Russian Fri-Tue  
 1500-2100 12105 TWw 100 kW / 040 deg NEAm Arabic Fri-Tue  
 2100-2400 12105 TWw 100 kW / 040 deg NEAm French Fri-Tue  
 (Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013 )

Winter B-13 schedule of WWRB:

0000-0500 5050 WRB 100 kW / 045 deg NEAm English AM/USB  
 0000-1400 3185 WRB 100 kW / 045 deg NEAm English  
 0200-0500 3195 WRB 100 kW / 045 deg NEAm English  
 1400-2400 9370 WRB 100 kW / 045 deg NEAm English  
 2300-0200 3215 WRB 100 kW / 045 deg NEAm English  
 (Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013)

*Some broadcasts seem to be really irregular. we*

Winter B-13 of WEWN "Global Catholic Radio":

WEWN-1

0000-0900 11520 EWN 250 kW / 085 deg Waf English  
 0900-1200 11520 EWN 250 kW / 355 deg SEAs English  
 1200-1800 15610 EWN 250 kW / 040 deg WEu English  
 1800-2400 15610 EWN 250 kW / 040 deg N/ME English

WEWN-2

0000-1000 11870 EWN 250 kW / 155 deg SAm Spanish  
 1000-1700 12050 EWN 250 kW / 155 deg SAm Spanish  
 1700-2400 13830 EWN 250 kW / 155 deg SAm Spanish

## WEWN-3

0000-0500 5810 EWN 250 kW / 220 deg MEX Spanish  
 0500-1200 7555 EWN 250 kW / 220 deg MEX Spanish  
 1200-1800 11550 EWN 250 kW / 220 deg MEX Spanish  
 1800-2400 12050 EWN 250 kW / 220 deg MEX Spanish  
 (Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013)

## Winter B-13 schedule of WWCR "World Wide Christian Radio":

## WWCR-1

0000-0200 6115 WCR 100 kW / 046 deg WEu English  
 0200-1100 3215 WCR 100 kW / 046 deg WEu English  
 1100-2100 15825 WCR 100 kW / 046 deg WEu English  
 2100-2400 6115 WCR 100 kW / 046 deg WEu English  
 2200-2300 6115 WCR 100 kW / 046 deg WEu Spanish Mo-Fr

## WWCR-2

0000-0100 5070 WCR 100 kW / 085 deg CAf English  
 0100-1300 5935 WCR 100 kW / 085 deg CAf English  
 1300-1600 7490 WCR 100 kW / 085 deg CAf English  
 1600-2100 12160 WCR 100 kW / 085 deg CAf English  
 2100-2300 9350 WCR 100 kW / 085 deg CAf English  
 2300-2400 5070 WCR 100 kW / 085 deg CAf English

## WWCR-3

0000-0100 13845 WCR 100 kW / 040 deg NAm English  
 0100-1300 4840 WCR 100 kW / 040 deg NAm English  
 1300-2400 13845 WCR 100 kW / 040 deg NAm English

## WWCR-4

0000-0300 7520 WCR 100 kW / 090 deg CAm English Tue-Sa  
 0300-0400 5890 WCR 100 kW / 090 deg CAm English Tue-Sa  
 0400-1200 5890 WCR 100 kW / 090 deg CAm English  
 1200-1300 5890 WCR 100 kW / 090 deg CAm English Mo-Fr  
 1300-1500 9980 WCR 100 kW / 090 deg CAm English Mo-Fr  
 1500-2400 9980 WCR 100 kW / 090 deg CAm English

(Ivo Ivanov, Bulgaria, DX MIX NEWS #829 December 29, 2013)

**U.S.A. / PALAU** - Winter B-13 schedule of World Harvest Radio:

## WHRI Angel 1

0000-0100 7335 HRI 250 kW 173 deg CAm English Su/Mo  
 0100-0200 9605 HRI 250 kW 167 deg SAm Spanish KBS World Radio  
 0300-0330 6175 HRI 250 kW 173 deg SAm Spanish Voice of Vietnam  
 0330-0400 6175 HRI 250 kW 173 deg SAm English Voice of Vietnam  
 0400-0430 6175 HRI 250 kW 173 deg SAm Spanish Voice of Vietnam  
 0430-0530 6175 HRI 250 kW 260 deg MEX Vietnamese Voice of Vietnam  
 0800-0900 11565 HRI 250 kW 245 deg AUS English Mon-Fr  
 0900-1100 11565 HRI 250 kW 245 deg AUS English Su  
 1400-1500 21600 HRI 250 kW 059 deg NoAF English Su  
 1500-1600 21630 HRI 250 kW 085 deg CAf English Sa/Su  
 1600-1800 21630 HRI 250 kW 085 deg CAf English  
 1800-2000 17610 HRI 250 kW 085 deg CAf English  
 2000-2100 17610 HRI 250 kW 085 deg CAf English Sa  
 2130-2200 17540 HRI 250 kW 152 deg SAm Portuguese Radio Japan NHK  
 2300-2400 7315 HRI 250 kW 173 deg CAm English Su-Fri

## WHRI Angel 2

0000-0100 5920 HRI 250 kW 047 deg WEu English Tue-Sa  
 0100-0130 9895 HRI 250 kW 173 deg CAm Spanish Tue-Sa R.Netherland  
 0130-0200 9895 HRI 250 kW 173 deg CAm English Mon  
 0200-0300 5920 HRI 250 kW 047 deg WEu English Tue-Sa  
 0300-0330 7520 HRI 250 kW 047 deg WEu English Sa  
 0330-0400 7520 HRI 250 kW 047 deg WEu Russian Sa  
 0400-0430 6195 HRI 250 kW 167 deg SAm Spanish Radio Japan NHK  
 0430-0500 9830 HRI 250 kW 047 deg WEu English Sa  
 0445-0500 9830 HRI 250 kW 047 deg WEu English Su  
 0500-0600 9830 HRI 250 kW 047 deg WEu English Sa-Thu  
 0900-0930 6195 HRI 250 kW 152 deg SAm Portuguese Radio Japan NHK

0930-1000 6195 HRI 250 kW 152 deg SAm Spanish Radio Japan NHK  
 1100-1200 7315 HRI 250 kW 173 deg CAm English Su  
 1300-1400 9840 HRI 250 kW 025 deg NEAm English Sa/Su  
 1400-1500 9840 HRI 250 kW 025 deg NEAm English Su  
 1600-1700 9840 HRI 250 kW 025 deg NEAm English Su  
 1730-1830 9840 HRI 250 kW 025 deg NEAm English Su  
 1830-2000 9840 HRI 250 kW 025 deg NEAm English Thu/Sa  
 1900-2000 9840 HRI 250 kW 025 deg NEAm English Mon/Wed/Fr  
 2000-2115 9505 HRI 250 kW 047 deg WEu English Su  
 2200-2400 9505 HRI 250 kW 047 deg WEu English Sa

T8WH Angel 3 [PALAU]

0800-0900 9930 HBN 100 kW 318 deg EAs English Su-Fr  
 0800-0900 9930 HBN 100 kW 318 deg EAs Japanese Sa  
 0900-1000 9930 HBN 100 kW 318 deg EAs English  
 1000-1200 9930 HBN 100 kW 318 deg EAs English Su  
 1200-1230 9930 HBN 100 kW 318 deg EAs Vietnamese Fr Radio Que Me  
 1200-1300 9930 HBN 100 kW 318 deg EAs English Sa/Su  
 1300-1430 9965 HBN 100 kW 318 deg EAs English Radio Australia

T8WH Angel 4 [PALAU]

0130-0300 15680 HBN 100 kW 270 deg SEAs English Su  
 0300-0400 15680 HBN 100 kW 270 deg SEAs English Mon-Fr  
 0400-0500 17840 HBN 100 kW 270 deg SEAs English Radio Australia  
 1115-1200 9625 HBN 100 kW 270 deg SEAs Indonesian Radio Japan NHK  
 1200-1300 9960 HBN 100 kW 270 deg SEAs Khmer Khmer Post Radio  
 1315-1400 11925 HBN 100 kW 270 deg SEAs Indonesian Radio Japan NHK  
 1400-1430 11925 HBN 100 kW 270 deg SEAs English Radio Japan NHK  
 1430-1500 11980 HBN 100 kW 270 deg SEAs English Sa/Su  
 1600-1630 9905 HBN 100 kW 270 deg SEAs English Sa

WHRI Angel 5 [NO! Obviously this applies to PALAU/HBN/T8WH; as we explained previously the 'Angel' designators apply to \*services\* rather than specific transmitter units (gh)]

1300-1400 9930 HRI 100 kW 345 deg NEAs English Sa/Su  
 1430-1500 9960 HRI 100 kW 345 deg NEAs Japanese Furusato no Kaze  
 1500-1530 9975 HRI 100 kW 345 deg NEAs Korean Nippon no Kaze  
 1530-1600 9965 HRI 100 kW 345 deg NEAs Korean Nippon no Kaze

WHRI Angel 6

0100-0200 7385 HRI 100 kW 315 deg NWAm English Su  
 0100-0215 7385 HRI 100 kW 315 deg NWAm English Mo  
 0200-0300 7385 HRI 100 kW 315 deg NWAm English Tue-Sa  
 1200-1300 7385 HRI 100 kW 315 deg NWAm English Mon-Fr  
 1300-1400 7385 HRI 100 kW 315 deg NWAm English Su  
 2200-2300 15180 HRI 100 kW 315 deg NWAm English Fr  
 (Ivo Ivanov-BUL, DX RE MIX NEWS #829 Dec 29, via dxld Jan 1)

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**Editor's info desk was closed for this edition on January 11th, 2013, at 12:00 UTC.**

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

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**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.

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### Abbreviations:

with name of station:

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

Location of transmitters with frequency:

Al = Aligarh/India, ALB = Albania, Arm = Armavir/RUS, Ban = Bangalore, Be = Beijing/China, Bib = Biblis/DL, BIH = Bosnia-Herzegovina, BLR = Byelorussia, BOT = Botswana, Br = Brandon/Aus, CHN = China, CLN-Ira = Sri Lanka Iranawila, CLN-Trm = Sri Lanka Trincomalee, CTR = Costa Rica, Du = Dushanbe/TJK, Dw = Darwin/Aus, ERV = Erivan/Armenia, F = Issoudun/France, Fl = Okeechobee Florida/USA, GAB = Gabon, GUF = French Guyana, HAB = Habana/Cuba, Ho = Hohhot/CHN, HRI = WHRI Cypress Creek/USA, IK = (IRK) Irkutsk/Siberia, Jin = Jinhua, Kash = Kashgar/CHN, Ka = Kingsway (Delhi), Kh = Khampur (Delhi), KOR = (South) Korea, Ku = Kununurra/Aus, Kun = Kunming/CHN, KWT = Kuwait, Lam = Lampertheim/DL, M = Moscow (Taldom), MCO = Monaco, MDA = Moldavia, MDG = Madagascar, MNG = Mongolia, MRA = Northern Marianas, N = Nauen/DL, Nn = Nanning/CHN, Pan = Panaji/India, RRW = Ruanda, RSA = Meyerton/South Africa, RUS = Russia incl. Sibiria, SAI = Saipan (MRA), SEY = Seychelles, Sh = Shepparton/Aus, SNG = Singapur, STP = Sao Tomé, SWZ = Swaziland, TH = (NAK) Nakhon Sawan/Thailand, TIN = Tinian (MRA), TJK = Tajikistan, TWN = Taiwan, UAE = Al Dubbaya/United Arab Emirates, Ur = Urumchi/CHN, Vla = Vladivostok, Wof = Woofferton/GB, Xi = Xian/CHN, Ya = Yamata/Japan.

Mostly within round brackets target areas as known:

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

Languages:

Ar Arabic - Ch Chinese - Du Dutch - E, En English - F French - G, Ge German -

Gr Greek - I Italian - J Japanese - K Korean - P Portuguese - R Russian - Sp Spanish - Turk Turkish

Technical hint with frequency (QRG):

(\*) = Digital Radio broadcast (DRM) v = variable irr = irregular

/USB = upper sideband, /LSB = lower sideband, alt.: (QRG) = alternative frequency

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### Editor:

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

Used equipment:

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

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

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

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# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada  
E-Mail: logbook@wwdxc.de

### MEDIUMWAVE BAND

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
603.0	0600	211	G	BBC Radio Reading	English	Christmas program	2612	MF
630.0	1540	211	G	Newpoint,Aston	English	Football team	1412	MF
648.0	1805	222	G	Musicpoint,Folkstone	English	Nightshow	1012	MF
693.0	1810	322	G	Folkstone Premier Gold	English	Economics	1012	MF
702.0	1720	221	G	BBC Radio Bedford	English	Car factory	1812	MF
774.0	1550	211	G	Viewpoint, Bedford	English	Sport Show	1412	MF
783.0	1815	121	G	Bedford Premier	English	Talkshow	1012	MF
810.0	0550	222	G	BBC 5 Scotland	English	Sports	2612	MF
954.0	0640	222	G	Oxford XL	English	School books	2512	MF
963.0	1725	211	G	Viewport,Farnborough	English	Air Force	1412	MF
972.0	1447	454	D	NDR Info Spezial	German	Football,News	1412	HD
1035.0	1640	222	G	Viewpoint,Cambridge	English	Oldie Express	1712	MF
1107.0	1740	131	G	Classic Gold,Somerset	English	Tourists	1812	MF
1134.0	2140	555	HRV	Hrvatski Radio	Croatian	Jazz music,ID,News	1312	HD
1143.0	0700	222	G	Music Dashford	English	Christmas Bingo	2612	MF
1152.0	1700	211	G	Raeliegh XL	English	Bike Factories	1412	MF
1251.0	1715	121	G	Peterborough XL	English	Traffic Jam	1712	MF
1314.0	0700	121	CYP	BFBS	English	News	2412	MF
1341.0	0705	211	G	Musicpoint,Bolyon	English	Christmas program	2312	MF
14130	1700	121	G	BBC	English	Evening Magazine	1712	MF
1467.0	1710	211	G	Newspost,Gateshead	English	Cae magazine	1712	MF
1485.0	1740	322	G	Newspost,Middlesborogh	English	Holiday	1712	MF

### SHORTWAVE BANDS

Frequency	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3325.0	2202	343	INS	RRI Palang Karaya	Indonesian	Music, Report	1412	HD
4785.0	2141	222	B	Radiofusora Roraima	Portugese	Interview	2911	HD
4840.0	0522	333	USA	WWCR	English	Sermon,ID	2712	HD
4885.0	2220	242	B	Radio Clubo do Para	Portugese	Reports	1412	HD
4915.0	0510	242	B	Radio Diff. De Macapa	Portugese	Anncts.,Music,ID	2712	HD
4970.0	1110	222	IND	AIR,Shillong	English	News	2912	RD
4976.0	2118	433	UGA	Radio Uganda	English	Music,Anncts.	0712	HD
4990.0	1023	322	IND	AIR,Itanagar	Vernacular	Folk song,News	2912	RD
5885.0	1500	333	TJK	Voice of Russia	Hindi	IS,ID,News	2912	Wk
5895.0	2107	454	BUL	Overcomer Ministry	English	Preaching	0701	Wk
5910.0	0527	242	CLM	Alcaravan Radio,Lomalin	Spanish	Music,ID,Anncts.	2712	HD
5915.0	2136	443	ZMB	Zambia Radio	Vernacular	Talk,Music,Interview	2712	HD
5955.0	2313	433	UAE	Radio Australia	Burmese	Talk,ID	0201	Wk
6040.0	0950	232	IND	AIR,Jeypore	Hindi	Cricket commentary	2912	RD

6040.0	2105	554	D	NDR	German	Gruss an Bord	2412	HD
6090.0	0602	343	AIA	Caribbean Beacon	English	Sermon	2712	HD
6125.0	1905	444	D	NDR	German	Gruss an Bord	2412	HD
6165.0	1106	333	BRM	Rakhine (Thazin) Radio	Vernacular	News by OM,Music	2912	RD
7270.0	1043	333	IND	AIR,Chennai	Hindi	Bollywood Song	2912	RD
7280.0	1042	222	IND	AIR, Guwahati	Vernacular	Song by OM	2912	RD
7295.0	2224	333	MLA	RTM Traxx	English	Pop Music,ID	2911	HD
7340.0	1053	222	IND	AIR,Mumbai	Urdu	Songs	2912	RD
7345.0	1054	433	BRM	Rakhine (Thazin) Radio	Karen	Naypyidaw Children carol	2912	RD
9390.0	1955	453	F	Radio Algeirenne	French	ID,Anncts.,Freq.	0501	Wk
9475.0	1658	333	SWZ	TWR	Swahili	IS,ID	0401	Wk
9515.0	2050	242	B	Radio Marumby	Portugese	Talks,Music,Anncts., ID	3012	HD
9575.0	2032	343	MRC	Medi 1	Arabic	Music,Responses	0612	HD
9575.0	2320	454	MRC	Medi 1	French	ID,Music	0201	Wk
9595.0	2245	232	J	Radio Nikkei 1	Japanese	Talk,Music	2012	HD
9630.0	2049	443	B	Radio Aparecida	Portugese	Music, ID, Jingle, Politics	2612	HD
9645.0	2047	242	B	Radio Bandeirantes	Portugese	Talks	0612	HD
9665.0	2103	343	B	Voz Missionaria	Portugese	Reports,ID	3012	HD
9745.0	2108	444	TWN	Voice of Guanghau	Mongolian	Non stop music	0612	HD
9745.0	2109	322	BHR	Radio Bahrain	Arabic	Music,Anncts.,	3012	HD
9750.0	1004	222	JAP	NHK	Japanese	News	2912	RD
9819.0	2114	252	B	Radio 9 de Julho	Portugese	Talk,Jingle	2112	HD
11760.0	2034	343	CUB	Radio Habana	English	Music,Politics,ID	3012	HD
11765.0	2120	444	B	Super Radio Deus e Amor	Portugese	Talks., Jingle,Reports	0612	HD
11775.0	2131	343	AIA	Caribbean Beacon	English	Sermon,Gospel	0612	HD
11780.0	2141	353	B	Radio Nacional Amazonia	Portugese	Reports,ID,Jingle	0612	HD
11815.0	1004	222	JAP	NHK	Japanese	News	2912	RD
11815.0	2148	242	B	Radio Brasil Central	Portugese	Jingle Reports,ID	0612	HD
11895.0	2036	342	B	Radio Boa Vontade	Portugese	Music,Talks	2612	HD
11995.0	2105	444	MRA	Radio Free Asia	Korean	Report,Interview	1412	HD
13680.0	2025	444	CUB	Radio Habana	Arabic	Muisc,ID	3012	HD
15190.0	2050	343	GNE	Radio Africa	English	Religious Prog., Music, ID	2112	HD
15480.0	2049	444	MDG	AWR	Arabic	Religious Program, music	1412	HD
21480.0	1113	232	MDG	Bible Voice	English	Sermon,ID,Music	0112	HD

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

- 7315.0 CLANDESTINE (Sudan). Radio Dabanga – Santa Maria Galeria, 0437-0453 Dec 12, man announcer with Arabic language talk, ID followed by two men with news and several remote reports. Good signal.
- 7430.0 CHINA. China Radio International – Jinhua, 2232-2255\* Jan 3, mainly long Chinese language talks by a man and a woman with some local music mixed in, Off rather suddenly. Fair.
- 9575.0 MOROCCO (Spanish). Radio Medi Un – Nador (presumed), 0410-0516 Dec 14, Middle Eastern music program hosted by a male announcer with brief Arabic language talk. Missed ID at 0500 but a woman announcer followed with news. Return to music program at 0510 hosted by a woman announcer with French language talk. Poor to fair.
- 11670.0 INDIA. All India Radio – Bengaluru, 2021-2051 Jan 3, man and woman announcers hosting Hindi language program with Hindi music features. News at 2030 followed by music until end of program. English language service commenced at 2045. Fair.
- 11735.0 ZANZIBAR. Zanzibar Broadcasting Corporation – Dole, 2050-2058\* Jan 3, caught the tail end of the broadcast with local music and man announcer with brief Swahili talks. Carrier terminated mid-song. Poor to fair. (D'Angelo-PA)
- 11769.9 NIGERIA. Voice of Nigeria – Ikorodu, 2120-2159\* Jan 3, man announcer with Arabic language talk, some music but mainly talks. Light instrumental music after closedown announcements until carrier was terminated. Poor to fair.
- 11880.0 USA. PCJ Radio – Okeechobee, 1414-1431\* Jan 5, another "test" with live program hosted by Keith Perron with music from The Lighthouse Family and Dusty Springfield. Gave away C Crane radio to Larry in Texas. Invited reception reports to pcjql@pcjmedia.com. After program close at 1430, there was



light instrumental music and a WRMI ID before carrier was terminated.

- 15365.0 CLANDESTINE (Ethiopia). ESAT Radio – Kostinbrod (presumed), 1713-1738 Dec 10, long talk by a man announcer in listed Amharic language with remote reports from different men. Horn of Africa vocals at 1732. Poor with very deep fades to almost non-existent at time.
- 17630.0 CLANDESTINE (Ethiopia). Radio Xoriyo – Issoudun, 1619-1630\* Dec 10, man announcer with talk in Somalia language with Horn of Africa instrumental music prior to brief talk and HoA male vocals. 1629 apparently ID and closedown announcements with music continuing until the transmission carrier was terminated. Poor but improving to fair by closedown.
- 17850.0 CLANDESTINE (Ethiopia). Oromo Voice Radio – Kostinbrod (?), \*1559-1618 fade out Jan 4, opening transmission for the latest Ethiopian opposition station with instrumental music opening followed by a woman announcer with station ID, light music and a man with news in the Oromo language. Remote reports from 1607 until station faded out. Fair signal but a little rough at opening with deep fades marring reception. Fekadu Megersa who responded to my report indicated he had no idea where the transmission was broadcast from although he indicated from other monitors he thought perhaps Issoudun, France. Nevertheless, he promised to check.

### Here are the loggings from Richard A. D'Angelo of Wyomissing, Pennsylvania, USA during French Creek DXpedition December 15-17, 2013:

- 2325.0 AUSTRALIA. VL8T Tennant Creek, 11227-1238 Dec 17, man and woman chatting with laughter followed by ABC news at 1235. Poor to fair with //2485 (VL8K – Katherine) poor. No sign of 2310 (VL8A – Alice Springs) which usually is best of the three. Possibly out of service?
- 2850.0 KOREA (North). Korean Central Broadcasting Station - Pyongyang, 1202-1228 Dec 16, man with long talk in Korean language followed by marching music at 1214. Poor to fair.
- 3200.0 SWAZILAND. Trans World Radio – Manzini, 0257-0330 Dec 17, just missed opening but caught man speaking in listed Ndebele language. Fair but deteriorating rapidly by the bottom of the hour.
- 3240.0 SWAZILAND. Trans World Radio – Manzini, 0258-0340\* Dec 17, another just missed opening but caught man speaking in listed Shona language. Man announcer with Trans World Radio ID at 0325 as language changed to Nda. Fair but starting to deteriorate by bottom of the hour and in the mud by closedown.
- 3310.0 BOLIVIA. Radio Mosoj Chaski - Cotapachi, 0130-0204\* Dec 17, man announcer hosting program of rustic music with ID and closedown announcements at 0204. No anthem at closing. Poor. (D'Angelo-PA/FCDX)
- 3320.0 KOREA (North). Pyongyang Broadcasting Station - Pyongyang, 2250-2330 Dec 15, program of Korean vocals until man announcer began speaking at 2301 in Korean language. Possible news followed by more talk features. Poor to fair.
- 3365.0 BRAZIL. Radio Cultural - Araraquara, 0018-0043 Dec 16, man announcer with Portuguese talks, jingle IDs and plenty of Brazilian pop music with several IDs. Fair.
- 3925.0 JAPAN. Radio Nikkei – 1 – Nemuro, 1141-1152 Dec 16, man announcer with long talk in Japanese. Poor to fair with ARO QRM //6055 very poor.
- 3955.0 ENGLAND. KBS World Radio – Woofferton, 2153-2230\* Dec 15, French Service until 2200 opening of English program with a man and woman hosting program of weekly news headline features followed by pop music program at 2210. Good signal.
- 4750.0 INDONESIA (Sulawesi). RRI Makassar, 1148-1203 Dec 16, woman announcer in Indonesian hosting local music program. Flute music interlude (no Song of the Coconut Islands?) prior to ID at 1200 and Jakarta news. Poor.
- 4775.0 PERU. Radio Tarma, 1029-1043 Dec 16, OA vocals, male announcer in Spanish with ID and TCs mentioning “música nacional” hosting morning music program Good signal.
- 4781.7 ECUADOR. Radio Oriental - Tena, 2331-2359\* Dec 15, a man announcer with Spanish talk, IDs, hosting program of local music with carrier cut mid-song. Fair.
- 4810LSB PERU. Radio Logos – Chazuta, 1020-1055 Dec 16, religious vocal selection followed by man announcer with Spanish talk and ID. More musical selections including some great flute music. Fair signal strength but severe CODAR QRM marred reception.
- 4815.0 BRAZIL. Radio Difusora - Lindrina, 0104-0109\* Dec 16, man announcer with Portuguese talk followed by another man with ID and frequency announcements over instrumental music. Another man began preaching with choir music before another man gave closedown announcements and carrier was terminated. Fair signal but suffering from CODAR QRM.
- 4920.0 INDIA. All India Radio - Chennai, 0044-0107 Dec 16, woman announcer with Hindi talks hosting local music program. Discussion with several people commenced at 0100. Poor.
- 4976.0 UGANDA. UBC Radio (tentative), 2058-2101\* Dec 15, caught man talking followed by some music which I didn't realize must have been closedown as signal cut shortly thereafter. Poor. Again, 0346-041 Dec 17, local vocals followed by chatter by a man and a woman in English about Christmas holiday and talking about listeners with sports update at 0359 followed by pop music. Poor to fair.
- 5010.0 TAIWAN. Radio Taiwan International - Kouhu, 2252-2306 Dec 16, talk by a man and woman announcers in Chinese with program ending at 2259 followed by several announcements. 5+1 time pips at 2300, ID by a woman announcer, music fanfare and then a man and woman with the news. Fair.
- 5910.0 COLOMBIA. Alcaraván Radio – Puerto Lleras, 1042-1108 Dec 16, man announcer with Spanish talk, frequent IDs and TCs hosting program of “música Colombiana” with very good signal.
- 5915.0 ZAMBIA. ZNBC Radio One - Lusaka, 2141-2202\* Dec 15, man announcer in local language taking telephone calls from listeners and playing music selections. Poor with some fair peaks. Again, 0323-0350 Dec 16 with a man announcer in local language speaking with listeners via telephone calls and playing local music. Poor to fair but slightly better than this afternoon.
- 5950.0 ETHIOPIA. Voice of Tigray Revolution - Mekele, \*0258-0337 Dec 16, familiar flute-like IS followed by a man announcer with opening in listed Tigrinya language including a web address. A woman announcer spoke briefly before Horn of Africa vocals commenced. Poor to fair.
- 5952.5 BOLIVIA. Radio Pio XII – Siglio Veinte, 2314-2339 Dec 16, man announcer with Spanish talk followed by a woman with vocals. Poor but in the clear.
- 6010.2 COLOMBIA. La Voz de tu Conciencia – Puerto Lleras, 1100-1130 Dec 16, choral national anthem (sign on?) followed by a man announcer in Spanish with ID and opening announcements followed by long religious talk by another man. Fair to good but slowly fading down.
- 6040.0 IRAN. Voice of Islamic Republic of Iran - Kamalabad, 1922-1950 Dec 16, man announcer with opening English service ID, choral anthem, woman announcer

- with ID and frequency announcement. A man followed with a recitation and then the news followed by an interview on current affairs. Fair.
- 6055.0 RWANDA. Radio Rwanda, 2030-2101\* Dec 16, man announcer hosting program of music with broadcast carrier terminated mid-song. Fair.
- 6060.0 CHINA. Sichuan PBS-2 (tentative), 1049-1130 Dec 17, possibly with one with music program until 1100 music fanfare and apparent IDs hearing some English words. Long talks and eventually blocked by CRI \*1130 opening to Philippines in Tagalog. Poor.
- 6089.9 NIGERIA. Radio Nigeria - Kaduna, 2115-2202 Dec 16, lively program with man announcer in local language talking hosting Afro pops selections. Poor to fair and in the clear until Dr. Gene Scott from Anguilla opened at 2202.
- 6110.0 ETHIOPIA. Radio Fana – Addis Ababa, 0258-0410 Dec 16, seemed to open before 0300 but mainly music program with nice echo effect ID over instrumental music at 0359 followed by a man with the news in presumably Amharic language. Fair to good signal.
- 6260.0 UZBEKISTAN. CVC The Voice Asia – Tashkent, 0110-0202 Dec 16, long Hindi language talks, some light music, seemingly preacher type talker with music fanfare and ID at 0130 and again at 0200. Poor to fair but in the clear.
- 7200.1 MYANMAR. Myanmar Radio (presumed), 1209-1302+ Dec 16, woman announcer with talks in presumed Bamer language hosting program of local music. Generally poor with some fair peaks but occasionally buried under ARO activity.
- 7250.0 BANGLADESH. Bangladesh Betar, 1949-2000\* Dec 15, instrumental music followed by a man announcer with talk in listed Bengali language followed by ID and apparently closedown announcements. Poor to fair with some ARO QRM.
- 9390.0 THAILAND. Radio Thailand, 1240-1259\* Dec 16, English service with Global News and Radio Thailand News” IDs, several ads for Bangkok Airways and promotional announcements. Fair to good.
- 9435.0 KOREA (North). Voice of Korea - Pyongyang, \*1300-1321 Dec 17, IS followed by station IDs by a man and a woman, several anthems into news at 1308. Fair signal but //11710 was poor.
- 9505.0 SUDAN. Voice of Africa – Radio Sudan – Al-Aitahab, 1756-1832 Dec 16, plenty of local music hosted by a man announcer with English announcements and ID (“This is the Voice of Africa brought to you by Sudan Radio”). At 1812 a woman announcer presented program called “African Woman”. The English program segment ended at 1828 with a final ID then there was dead air until 18309 when IS heard followed by Arabic language ID and local vocals. Fair.
- 9629.8 BRAZIL. Radio Aparecida – Aparecida, 2205-2250 Dec 16, man announcer with talk in Portuguese language followed by several jingle IDs at 2208 followed by a woman with vocals. Good signal.
- 9855.0 UNITED ARAB EMIRATES. Radio Australia - Dhabbiya, 2233-2300\* Dec 15, after some features two men hosted a country music year in review program playing segments of some local songs. Fair.
- 9950.0 CLANDESTINE (North Korea). Furusato No Kaze (presumed), 1315-1357\* Dec 16, long talk in Korean language followed by seemingly IS like music, bells and woman in Japanese language. Short musical segments and talks. Closed with light instrumental music until carrier terminated. Fair.
- 9965.0 THAILAND. Radio Thailand, 1949-1959\* Dec 15, man and woman announcers with English news, ads, features, PSAs and IDs. Fair but somewhat choppy conditions.
- 11610.0 CLANDESTINE (Eritrea). Radio Al-Shorouq (Radio Sunrise) via Kostinbrod (presumed), 1609-1655\* Dec 16, faded up out of the noise with Arabic language talks by man and a woman, brief musical segments. Final announcements around 1652 and gone after short instrumental music piece. Poor with somewhat muffled audio.
- 11665.0 MALAYSIA. RTM Wai FM – Kajang, 1150-1236 Dec 17, vocal until 1200 when ID noted and thought I heard man mention midnight but was 8:00 PM locally so maybe upcoming preview. Long talk segment before returning to music at 1226. Poor.
- 11905.0 SRI LANKA. Sri Lanka Broadcasting Corporation, 0237-0255 Dec 17, English language religious program from a US preacher which ended at 0247. Woman announcer gave Sri Lanka Broadcasting Corporation ID in English but soon changed languages and began playing local music. Fair.
- 12075.0 TAJIKISTAN. Radio VR - Yangi, 1218-1240 Dec 16, operating under new name with English service, program called VR Connect feature news and news features hosted by several men and woman announcers. Fair to good.
- 12105.0 CLANDESTINE (Zimbabwe). Radio Dialogue – Talata-Volondry, 1656-1658\* Dec 16, checked earlier but no sign of them on clear frequency. Returned later in passing and caught tail end of broadcast with talks by a man and woman in either Shona or Ndebele language. Closed abruptly. Poor to fair.
- 13745.0 THAILAND. Radio Thailand, 0041-0059\* Dec 16, English program hosted by a man and woman with Business News and Sports Update along with the usual array of ads and PSAs. Nice ID at closedown. Good signal.
- 15105.0 BANGLADESH. Bangladesh Betar, \*1229-1259\* Dec 17, IS followed by time pips, man announcer with TC followed by ID and frequency announcements opening English service. News followed with a news commentary at 1237. Good signal.
- 15140.0 OMAN. Radio Sultanate of Oman, 1402-1510 Dec 16, English service with numerous IDs, mention of FM channels, with man announcer hosting rock and rap music program. News at 1430 by a woman announcer. A man mentioned at 1444 that it was time for prayer indicating it was up to listener when travelling to know how to adjust for the time for prayer. English ended abruptly at 1459 when Arabic program joined. ID and news at 1500. Fair.
- 15380.0 CLANDESTINE (Ethiopia). ESAT - Kostinbrod, 1722-1758\* Dec 16, man announcer with talks in Amharic language, several Horn of Africa musical segments, group discussions, IDs. Closed with female vocal selection however the carrier was terminated mid-song. Fair.

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

- HD : Harald Denzel, Egelsbach, Germany. JRC NRD 545-DSP, Lowe HF & Perseus 150 with paOrdt Mini-whip, Grahn GS5SE Modul MI3.
- MF : Michael Frese, Osnabrueck, Germany. Grundig Yatchboy with telescopic aerial.
- 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.
- RD : Rajdeep Das, Kolkata, India. Tescun PL 660 with Telescopic whip antenna.
- WK : Werner Kannengiesser, Reichenbach, Germany. AOR AR5000, SONY ICF-2001D, Sangean ATS 909 with Long wire.

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Dear Friends,

Welcome to the first Logbook of 2014.

With the solar sunspot at high the short wave is active with all stations who have not quit this spectrum in favour of internet.

On the other hand we have some unusally cold weather patterns in North America.

Welcome to Rajdeep and Werner who sent in their loggings for the first time.

It was interesting to note that for the last one month I was able to listen to religious Indian broadcaster Atmik Yatra Radio in various Indian languages from 1300 to 1500 UTC regularly on 15235 and 15285 Khz with S4 signal strength. The signals meant for South Asia was from the 250 KW Nauen relay transmitters in Germany must have taken the dark path over the globe to reach my location in Eastern Canada kudos to short wave propagation.

Till next time,

*Ashok Kumar Bose*

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**Bosnia/Serbia:**

Radio Serbia International 6100 kHz transmitter via Bijeljina (in Bosnia situated). German Program. Detailed QSL card received including a sticker and Seasons Greetings received after 103 days. Foto of the main building in Beograd of the "Medunarodne Radio Serbia" and the slogan "Listeners Club – The International Radio Serbia", Internet <<http://www.glassrbije.org>>. (HS)

**China:**

China Radio International 7295 via Kashi. English Program. Detailed QSL-card (no transmitter site given) from serie "ethnic minority group" – "She zu" – Nr54 – English, received after 36 days. Sent via snail mail to CRI, English Department, 16A Shijingshan Rd, Beijing 100040, China. (HS)

**France/UK/Taiwan:**

Radio Taiwan International (RTI) 15690 kHz via Issodrun/France. French Department. QSL front as photo from Penghu Stone Fish Weirs "Twin Hearts Stone Tidal Weir" received in 47 days for report sent to 55 Pei-An Road, Box 123-199, Taipei 11199, Taiwan, returned after 47-56 days. (HS)

Radio Taiwan International (RTI) 6185 kHz via Wooferton/UK via German Department/QSL front as foto from The Datun Volcanic Group "Xiaoyoukeng" received in 47 days for for report sent to 55 Pei-An Road, Box 123-199, Taipei 11199, Taiwan, returned after 47-56 days. (HS)

Radio Taiwan International (RTI) 9955 kHz via Tainan/TWN direct – special Broadcast for German Program with special QSL: front side three photos from Transmitter site Tainan, and back side printed text in German "...über die Ausstrahlung des deutschen Programms von Radio Taiwan International im Oktober 2013 von der Sendeanlage Tainan, Taiwan...Frequenz 9955 kHz..." for report sent to: 55 Pei-An Road, Box 123-199, Taipei 11199, Taiwan, returned after 47-56 days. (HS)

**Germany:**

ADDX – Special DX Program via HCJB. ADDX 3995 kHz via Weenermoor (Ostfriesland, Northern part of Germany). Detailed QSL-card via Düsseldorf received. Picture of the "Knall-Funksender from Marconi". Received after 18 days via Hans Werner Lange, ADDX, Postfach 130124, 40551 Düsseldorf, Germany (HS)

Lutherische Stunde 3995 kHz via Weenermoor (Ostfriesland, Northern part of Germany). German Program. Detailed

QSL-card received after 61 days. Coloured photocopy of the studio in "An Der Bahn 51" for report sent to: Lutherische Stunde, Postfach 1162, 27363 Sottrum, Germany (HS)

#### **Germany/Czech Republic:**

Radio Prague 3985 kHz via Germany(Kall-Krekel). German Program. Detailed QSL-card from the series "Czechoslovak Air planes" – black and white photo from the Model L-410 Turbolet. Also packed was a small plastic model of I-Pad as gift for us listeners. Received in 18 days for report to Radio Prag, Vinohradská 12, CZ-12099 Praha 2, Czech Republic (HS)

#### **Germany/Ecuador:**

HCJB Die Andenstimme 3995 kHz via Weenermoor (Ostfriesland/Ostfriesland, Northern part of Germany). German Program. Detailed QSL card via Ecuador, from the series, "60 Years German Broadcasting from Quito", black and white photo showing Mothers and father together with 5 children playing on the floor and drinking coffee during listening to HCJB Program. On the back side Details, but without transmitter site information. Given 1 IRC as cost for Letter (porto) Received after 31 days via : HCJB, Andenstimme, Casilla 17-17-691, Quito, Ecuador (HS)

#### **Guam:**

TWR Asia - KTWR 15235 kHz. Chinese program. Full data QSL card "Antennas" v/s Kathy Gregowske received in 72 days for report send through Web Page: <<http://www.twr.asia/online-qsL-form>> (HT)

TWR Asia - KTWR 11580 kHz. Nosu Yi program. Full data QSL card "Talofof Bay" v/s Kathy Gregowske received in 37 days for report send through Web page: <<http://www.twr.asia/online-qsL-form>> (HT)

#### **Korea (Rep of):**

KBS World Radio 9805 kHz. Japanese program. Full data QSL card KBS World Radio and I received in 45 days for report to: <[japanese@kbs.co.kr](mailto:japanese@kbs.co.kr)> (HT)

FEBC Korea - HLKX 1188 kHz. Japanese program. Full data QSL card "HLKX 1188 kHz" received in 96 days for report with 1 IRC to: FEBC Korea, MPO Box 88, Seoul 121-707, Republic of Korea (HT)

#### **Korea (DPR):**

Voice of Korea 11865 kHz. Japanese program. Full data QSL card "President Kim Il Sung's Birthplace at Mangyongdae" received in 49 days for report to: Voice of Korea, Japanese Department, Pyongyang, Democratic Peoples Republic of Korea (HT)

#### **Luxembourg/Switzerland:**

Religious Mission "Radiofreundesdienst Bieberstein" 1440 kHz via Luxembourg. German Program. Detailed QSL card received after 28 days, Photo of yellow flowers and the Psalm: "Danket dem Herrn, den er ist freundlich – psalm 107.1" Report sent to: Radiofreundesdienst, Quellmattweg 2, CH-5023 Biberstein, Switzerland (HS)

#### **Mongolia:**

Voice of Mongolia 12085 kHz. Japanese program. Full data QSL card "A camel herders using their camels to move house with a satellite dish amongst the luggage" received in 21 days for report to Japanese Section: Voice of Mongolia, Japanese Section, C.P.O. Box 365, Ulaanbaatar 211213, Mongolia (HT)

#### **Northern Mariana Islands:**

Radio Free Asia via Tinian 9955(\*) kHz. Tibetan program. Full data QSL card "17th Anniversary" with site "IBB Tinian" received in 8 days for report to: <[qsL@rfa.org](mailto:qsL@rfa.org)> (HT)

Radio Free Asia via Tinian 9990 kHz. Tibetan program. Full data QSL card "17th Anniversary" with site "IBB Tinian" received in 46 days for report to: <[qsL@rfa.org](mailto:qsL@rfa.org)> (HT)

#### **Palau:**

World Harvest Radio - T8WH 9930 kHz. Japanese program. Full data QSL card "25th anniversary" v/s LWV received in 298 days for report with 1 IRC to: World Harvest Radio, P.O. Box 12, South Bend, IN 46624, USA (HT)

#### **Philippines:**

Radio Veritas Asia 11850 kHz. Khmer program. Full data QSL card "RVA Quezon City Studio, Philippines" v/s Ms. Arlene Arungayan-Donarber received in 70 days for report with 1 IRC to: Radio Veritas Asia, P.O. Box 2642, Quezon



City 1166, Philippines (HT)

Radyo Pilipinas 9825 kHz. Filipino program. Full data QSL card v/s Ric G. Lorenzo received in 277 days for report with 2 IRC's to: Radyo Pilipinas, 4th Floor, PIA Building, Visayas Avenue, Quezon City 1100, Philippines (HT)

**Russia:**

Voice of Russia 21800 kHz. English program. Full data QSL card "To the first manned flight into space - ??????????!" with site "via Irkutsk" received in 13 days for report to World Service: <world@ruvr.ru> (HT)

Voice of Russia 7235 kHz. Japanese program. Full data QSL card "Saint Basil's Cathedral" received in 60 days for report with 1 IRC to: Voice of Russia, Japanese Section, 25, Pyatnitskaya St., Moscow, Russia 115326 (HT)

**Tajikistan/Russia:**

Voice of Russia 4960 kHz via Dushanbe(Tajikistan), English Program, Detailed QSL- card including transmitter site, Photo from Saint Basil's Cathedral, received after 29 days for report sent to: Voice of Russia, English Section, Ul. Pyatnitskaya 25, 115326 Moskau, Russia (HS)

Voice of Russia 15670 kHz via Novosibirsk(Asia part of Russia) English Program. Detailed QSL-card including transmitter site, Serie "50 Years 12.04.1961-12.04.2011" / First Manned Flight into Space, received after 43 days for report sent to: Voice of Russia, English Section, Ul. Pyatnitskaya 25, 115326 Moskau, Russia (HS)

**Thailand:**

Radio Thailand via Udon Thani 9390 kHz. Japanese program. Full data QSL card "Wat Phra Kaew" v/s illegible received in 19 days for report to IBB Thailand: International Broadcasting Bureau, Thailand Transmitting Station, P.O. Box 99 A. Muang, Udon Thani, 41000, Thailand (HT)

**UK (United Kingdom):**

BBC-Radio Ulster (Northern Ireland) 1341 kHz transmitter Lisnagarvey. English Program. Detailed PPC-QSL-Letter and separately a special personal letter received from the Head of Radio, Mr. Fergus Keeling and a Program Postcard from the "Ralph Mc Lean show" I could hear and have reported. As special gift I got two(2) T-shirts in yellow and black with station name on it received in 19 days for reception report sent BBC Radio Ulster, Broadcasting House, 25-27 Ormeau Av., Belfast BT2 8HQ, UK/Northern Ireland.

*Remark: This was the 3<sup>rd</sup> time I have tried to get a QSL from BBC-Radio Ulster, now I got it!* (HS)

**USA:**

WHRI-South Bend 15570 kHz via Cyprus Creek. English Program. Received detailed QSL Card representing "25th Anniversary 1985-2010 of World Harvest Radio" with the slogan "Reaching the nations of the world through short wave" after 352 days (nearly 1 Year) for report sent to: WHRI, 61300 Ironwood Rd, South Bend, IN 46614, USA (HS)

**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)

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

**HS** = Harald Suess, Strasshof, Austria

**HT** = Hironori Takeuchi, Chiba, Japan

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Dear friends,

Many thanks for continued contribution to the section that I hope can continue in future. I remember you to include details about the program of the radio stations that you receive confirmation from (e.g. English program, Technical Department etc.). So I ask you if you can continue to include details this when known. Naturally it's useful also to know the postal address or eMail where you send the reception report to.

I'll want inform that the next contribution deadline is on Saturday 15<sup>th</sup> February 2014,

*Dario*

# SWL / Media Programs in English, German & Spanish

Oct. 27th, 2013 – March 30th, 2014 – V3 As of Jan. 2nd, 2014

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E-Mail: <mail@wwdxc.de> URL: <http://www.wwdxc.de>

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

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

STL – Satellite transmission. drm = DRM – digital mode

## Monday

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0000 WHRI, E, DXwCumbre – 7385  
 0000 RRI Bucharest, Sp – 7315 9525 13590 15110  
 0010 RHC Habana, E – 5040 Banda Tropical  
 0100 WHRI, E, DXwCumbre – 7385  
 0105 REE Madrid, Sp, Amigos de la O.C. –  
 6125 9535 9620 LatAM  
 0110 RHC Habana, E – 6000 6165  
 0135 RHC Habana, Sp, En Contacto –  
 6060 6070 9810 11670 11760 11840 13740  
 15230 LatAM  
 0200 WHRI, E, DXwCumbre – 5920  
 0210 RHC Habana, E – 6000 6165  
 0235 RHC Habana, Sp, En Contacto –  
 6060 6070 9810 11670 11760 11840 13740  
 15230 LatAM  
 0300 RRI Bucharest, Sp – 7345 9650 9870 11800  
 0310 RHC Habana, E – 6000 6165  
 0345 WWCR Nashville, E, Ask WWCR – 3215  
 0400 WBCQ, E, World of Radio via Area 51 – 5110cusb  
 0400 WRMI, E, AWR Wavescan – 9955  
 0400 WHRI, E, DXwCumbre – 7520  
 0410 RHC Habana, E – 6000 6165  
 0430 WWCR Nashville, E, Ask WWCR – 3215  
 0430 WRMI, Sp, Frecuencia al Dia – 9955  
 0510 RHC Habana, E – 5040 6010 6060 6125 6165  
 0530 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 0610 RHC Habana, E – 6010 6060 6125 6165  
 0730 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 0730 Radio NZL Internat., E, biweekly –  
 11690drm 11725 PAC Tonga  
 1030 AIR Delhi, E, "Faithfully Yours" 1053 7270  
 13605 13695 15030 15410 17510 17895  
 1130 Radio NZL Internat., E, biweekly –  
 9870drm 13840 PAC Timor  
 1200 WRMI, E, AWR Wavescan – 9955  
 1230 WRMI, Sp, Viva Miami – 9955  
 1245 WWCR Nashville, E, Australian DX report – 15825  
 1330 Radio NZL Internat., E, biweekly – 5950 PAC  
 1415 WRMI, E, AWR Wavescan – 9955  
 1425 AIR Delhi, E, "Faithfully Yours" 9690 11620 13710  
 1600 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 1630 Radio NZL Internat., E, biweekly –

9630drm/11690drm 9765 PAC Cook Isl  
 1630 Amateur Radio Mirror, via Sentec, E – 4895 7082usb  
 1830 AIR Delhi, E, "Faithfully Yours" 7410 7550  
 9950drm 11580 11670 11935 13695 17670  
 1900 Radio Belarus Minsk, G – 6155 11730  
 1900 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 2000 Radio Belarus Minsk, G – 6155 11730  
 2120 AIR Delhi, E, "Faithfully Yours"  
 7550 9445 9910 9950drm 11620 11670 11740  
 2130 RAE Buenos Aires, G – 9690 15345  
 2200 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 2215 WWCR Nashville, Sp, Frecuencia al Dia – 6115  
 2330 AIR Delhi, E, "Faithfully Yours"  
 9690 9705 11645drm 11710 13605

## Tuesday

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0115 WRMI, Sp, Viva Miami – 9955  
 0230 WRMI, Sp, Frecuencia al Dia – 9955  
 0330 Radio NZL Internat., E, biweekly –  
 15720 17675drm PAC  
 0430 WRMI, E, AWR Wavescan – 9955  
 0430 WHRI, E, DXwCumbre – 7520  
 0700 Radio Belarus Minsk, G – 6005 Kall relay  
 0800 Radio Belarus Minsk, G – 6005 Kall relay  
 1200 WRMI, E, World of Radio – 9955  
 1230 Radio Australia, E, Future Tense technology –  
 5995drm 6080 6140SNG 6150 9475 9580  
 12065 12085 PAC / AS  
 1430 WRMI, Sp, Viva Miami – 9955  
 2000 RRI Bucharest, Sp – 6010 7235  
 2030 RHC Habana, E – 11760 No/Ce/SoAM omni-dir  
 2032 BBCWS "Click": online UK DAB etc. livestream  
 2130 RAE Buenos Aires, G – 9690 15345  
 2132 BBCWS "Click", E – 9915 11810 12095  
 2200 RRI Bucharest, Sp – 9790 11870  
 2230 RHC Habana, E – 11880 AF  
 2250 RAE Buenos Aires, Sp,  
 Suplemento de Actualidad DX – 6060 15345

## Wednesday

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0000 RRI Bucharest, Sp – 7315 9525 13590 15110  
 0030 RHC Habana, E – 5040 Banda Tropical  
 0100 WRMI, E, AWR Wavescan – 9955  
 0130 RHC Habana, E – 6000 6165 USA/CAN  
 0230 RHC Habana, E – 6000 6165 USA/CAN  
 0232 BBCWS "Click": online UK DAB etc. livestream  
 SW SoAS 12095 15310  
 0245 WRMI, Sp, Viva Miami – 9955  
 0300 RRI Bucharest, Sp – 7345 9650 9870 11800  
 0330 RHC Habana, E – 6000 6165 USA/CAN  
 0400 WRMI, Sp, La Rosa de Tokio – 9955  
 0430 RHC Habana, E – 6000 6165 USA/CAN  
 0430 WHRI, E, DXwCumbre – 7520  
 0530 RHC Habana, E – 5040 6000 6060 6125 6165  
 0630 RHC Habana, E – 5040 6000 6060 6125 6165 USA/CAN  
 0730 HLR Goehren-Germany, E, World of Radio – 7265cusb  
 0932 BBCWS "Click": livestream online, UK DAB etc.  
 1200 WRMI, Sp, Antena DX – 9955  
 1230 WRMI, Sp, Viva Miami – 9955

1332 BBCWS "Click": SW EaAS 5875 6195 9740  
 1345 Voice of Turkey, E, Letterbox – 12035  
 1400 WRMI, E, AWR Wavescan – 9955  
 1430 WRMI, Sp, Viva Miami – 9955  
 1530 HLR Goehren-Germany, E, World of Radio – 7265cusb  
 1630 BBC R4, The Media Show, E –  
 LW 198, MW, FM, DAB, STL, livestream online  
 1632 BBCWS "Click" SW AF 3255 6190 12095 15420  
 17640 17830  
 1745 Voice of Turkey, E, Letterbox – 11730  
 1750 Vatican Radio, E, "Communications Update" –  
 11625 13765  
 1825 RAE Buenos Aires, E, Dxers Special – 15345v  
 1920 Polskie Radio, E, Multitouch –  
 WRN STL EUR. WRN1  
 1945 Voice of Turkey, E, Letterbox 6050  
 2000 WINB Red Lion PA USA, E, Wavescan – 13570  
 2020 Vatican Radio, E, "Communications Update" –  
 11625 13765  
 2030 WWCR Nashville, E, Ask WWCR – 15825  
 2145 Voice of Turkey, E, Letterbox – 9610  
 2155 Polskie Radio, E, Multitouch – STL  
 2315 Voice of Turkey, E, Letterbox – 5960

## Thursday

0020 Polskie Radio, E, Multitouch – WRN STL EUR. WRN1  
 0200 WRMI, E, AWR Wavescan – 9955  
 0225 RAE Buenos Aires, E, Dxers Special – 11710  
 0245 WRMI, Sp, Viva Miami – 9955  
 0330 WHRI, E, DXwCumbre – 7520  
 0400 WRMI, It, Studio DX – 9955  
 0415 Voice of Turkey, E, Letterbox – 7240 9655  
 0430 WRMI, E, World of Radio – 9955  
 0520 Vatican Radio, E, "Communications Update" –  
 7360 13765  
 0650 Vatican Radio, E, "Communications Update" –  
 11625 13765  
 0830 CRI Beijing, Sp, DX – 15135kas  
 1200 WRMI, Sp, Frecuencia al Dia – 9955  
 1230 WRMI, Sp, Viva Miami – 9955  
 1323 Polskie Radio, E, Multitouch – STL  
 1330 WRMI, E, World of Radio – 9955  
 1415 WRMI, Sp, Viva Miami – 9955  
 1800 Radio 700 Medienmagazin, G **1<sup>st</sup>** / **3<sup>rd</sup>** –  
 FM, livestream  
 2200 WTWW, E, World of Radio – 9475 first airing

## Friday

0100 WRMI, Sp, Viva Miami – 9955  
 0415 WRMI, E, AWR Wavescan – 9955  
 0428 WWRB, E, World of Radio – 3195 [ irr. 5050 ]  
 0430 WHRI, E, DXwCumbre – 7520  
 0445 WRMI, Sp, Viva Miami – 9955  
 0455 Polskie Radio, E, Multitouch – STL  
 0755 Polskie Radio, E, Multitouch – STL  
 1200 WRMI, Sp, Historias de Radio – 9955  
 1230 WRMI, Sp, Viva Miami – 9955  
 1230 Radio Australia, E, Download This Show –  
 5995 6080 6150 9475 9580 11945 12065  
 1630 BBC R4, Feedback, E –

LW 198, MW, FM, UK DAB, STL, livestream online  
 1825 RAE Buenos Aires, E, Dx Supplement – 15345v  
 2035 Radio NZL Internat., E, Mailbox, biweekly –  
 11725 15720drm PAC Samoa, Niue, Tonga  
 2040 R Taiwan Int, G, ADDX DX px, **2<sup>nd</sup>** – 3955wof  
 2130 RAE Buenos Aires, G – 9690 15345  
 2140 R Taiwan Int, G, ADDX DX px, **2<sup>nd</sup>** – 3965iss  
 2215 WWCR Nashville, Sp, Frecuencia al Dia – 6115  
 2250 RAE Buenos Aires, Sp, Suplemento de Actualidad DX –  
 6060 15345

## Saturday

0130 WBCQ, E, Allan Weiner Worldwide, Area 51, –  
 5110cusb  
 0200 WRMI, E, – Media Network Plus, PCJ Radio –  
 last Sat of the month, 9955  
 0225 RAE Buenos Aires, E, Dx Supplement – 11710  
 0400 WHRI, E, DXwCumbre – 7385  
 0400 WRMI, Sp, Historias de Radio – 9955  
 0450 BBCWS "Over to You": livestream online, UK DAB etc.  
 0510 NHK R Japan Tokyo, Media Watch, E – **3<sup>rd</sup>** or **4<sup>th</sup>** Sat  
 9770iss 13640uae  
 0530 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 0705 WWCR Nashville, E, Into Tomorrow – 4840  
 0730 HLR via Goehren-Germany, E, World of Radio –  
 7265cusb  
 0730 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 0825 KBS World Radio Seoul, E, mailbag show –  
 9570 AS  
 0932 BBCWS "Over to You": livestream online, UK DAB etc.  
 1000 WRN EUR, E, World of Radio  
 1005 SWRinfo, G, Medien – FM, DAB+, STL Astra  
 1010 NHK R Japan Tokyo, Media Watch, E – **3<sup>rd</sup>** or **4<sup>th</sup>** Sat  
 9625  
 1100 WRMI, Sp, Viva Miami – 9955  
 1110 KBS World Radio, Sp, Antena de la Amistad –  
 11795 SoAM/CeAM  
 1200 WRMI, Sp, Radio Ciudad Global – 9955  
 1210 NHK R Japan Tokyo, Media Watch, E – **3<sup>rd</sup>** or **4<sup>th</sup>** Sat  
 11740sng  
 1245 Voice of Turkey, G, fortnightly – 17755  
 1255 KBS World Radio Seoul, E, mailbag show – 6095 AS  
 1325 KBS World Radio Seoul, E, mailbag show –  
 9570 AS 15575 AM  
 1327 RRI Bucharest, G – 7335 9810  
 1341 Voice of Turkey, E, fortnightly – 12035  
 1345 WRMI, Sp, Viva Miami – 9955  
 1405 WDR5 Cologne, Medienmagazin, G – FM, STL, DAB-S  
 1410 NHK R Japan Tokyo, Media Watch, E – **3<sup>rd</sup>** or **4<sup>th</sup>** Sat  
 11695tac 11925pal  
 1425 KBS World Radio Seoul, E, mailbag show – 9640 AS  
 1500 WRN AF/AS Af/ME/As/Pac Afristar Asiastar, E, –  
 Media Network Plus, PCJ Radio  
 1530 HLR Goehren-Germany, E, World of Radio – 7265cusb  
 1600 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 1604 SR2 Saarebruck, Medienwelt, G –  
 FM, STL Astra ADR, DAB-S  
 1605 DeutschlandFunk Cologne, G, Media Magazine  
 1625 KBS World Radio Seoul, E, mailbag show –  
 9515 9640 AS  
 1700 Radioeins, Rundfunk Berlin-Brandenburg (rbb), G,

Medienmagazin – FM, DAB+, STL Astra digital  
 1730 WWCR Nashville, E, AWR Wavescan – 12160  
 1730 Voice of Turkey, Sp – 9495  
 1741 Voice of Turkey, E, fortnightly – 11730  
 1800 WRN NoAM online E – Media Network Plus, PCJ Radio  
 1810 NHK R Japan Tokyo, Media Watch, E – **3<sup>rd</sup>** or **4<sup>th</sup>** Sat  
 11800mey  
 1825 KBS World Radio Seoul, E, mailbag show –  
 7275 AS  
 1830 WRN NoAM online stream, E – World of Radio  
 1830 WHRI, E, DXwCumbre – 17610irreg.  
 1830 Voice of Turkey, G, fortnightly – 7205  
 1900 WTWW, E, QSO Radio Show Ted Randall – 9479  
 1900 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 1900 Radio Belarus Minsk, G – 6155 11730  
 1911 RRI Bucharest, G – 6010 7405drm  
 1930 T8WH Palau, E, DXwCumbre – 9930-irreg.  
 1941 Voice of Turkey, E, fortnightly – 6050  
 2000 Radio Belarus Minsk, G – 6155 11730  
 2051 KBS World Radio Seoul, G – 3955wof EUR  
 2141 Voice of Turkey, E, fortnightly – 9610  
 2200 HCJB Quito, G – 3995 7365 Weenermoor EUR  
 2210 KBS World Radio Seoul, E, mailbag show – 3955wof EUR  
 2215 REE Madrid, E, Radio Waves – 6125 EUR / AF  
 2225 KBS World Radio Seoul, E, mailbag show – 11810 EU  
 2230 WRN NoAM stream, E, RRI Bucharest, DX Mailbag  
 2311 Voice of Turkey, E, fortnightly – 5960  
 2350 BBCWS "Over to You": livestream online, UK DAB etc.

## Sunday

0000 Radio 700 Medienmagazin, G **1<sup>st</sup>** / **3<sup>rd</sup>** – livestream  
 0010 RHC Habana, E – 5040 Banda Tropical  
 0015 REE Madrid, E, Radio Waves – 6055  
 0030 WTWW, E, World of Radio – 5085  
 0110 KBS World Radio, Sp, Antena de la Amistad –  
 9605hri 11810  
 0130 RHC Habana, E – 6000 6165 USA/CAN  
 0145 WRMI, Sp, Viva Miami – 9955  
 0200 WHRI, E, DXwCumbre – 5920  
 0200 Voice of Turkey, Sp – 9410 9650  
 0210 KBS World Radio, Sp, Antena de la Amistad –  
 15575 NoAM  
 0225 KBS World Radio Seoul, E, mailbag show –  
 9580 9690 AS  
 0300 WHRI, E, DXwCumbre – 7315  
 0330 RHC Habana, E – 6000 6165 USA/CAN  
 0400 WRMI, Port, Encontro DX – 9955  
 0411 Voice of Turkey, E, fortnightly – 7240 9655  
 0432 BBCWS "Click": online, LW 198, UK DAB etc. livestream  
 0500 WTWW, E, World of Radio – 5830  
 0500 WHRI, E, DXwCumbre – 7520  
 0510 NHK R Japan Tokyo, Friends Around the World, E –  
 9770iss 13640uae  
 0530 RHC Habana, E – 5040 6000 6060 6125 6165  
 0605 WWCR Nashville, E, Into Tomorrow – 4840  
 0700 Radio Belarus Minsk, G – 6005 Kall relay  
 0705 WWCR Nashville, E, Into Tomorrow – 4840  
 0744 Inforadio, Rundfunk Berlin-Brandenburg (rbb), G,  
 Medienmagazin – FM, DAB+, STL Astra digital  
 0800 Radio Belarus Minsk, G – 6005 Kall relay  
 0800 Amateur Radio Mirror, via Sentec, E –

7082usb 7205 17760  
 0903 SWRinfo, G, Medien – FM, DAB+, STL Astra digital  
 0912 Radio NZL National, E, local Mediawatch – MW PAC  
 0930 WRN NoAM livestream, E, – World of Radio  
 1000 WRN EUR, E, – Media Network Plus, PCJ Radio  
 1000 WHRI, E, DXwCumbre – 7385-irreg.  
 1000 Radio 700 Medienmagazin, G **1<sup>st</sup>** / **3<sup>rd</sup>** –  
 6005 7310, FM, livestream  
 1010 NHK R Japan Tokyo, Friends Around the World, E –  
 9625  
 1045 WWCR Nashville, E, Ask WWCR – 4840  
 1050 BBCWS "Over to You": livestream Online, UK DAB  
 1210 NHK R Japan Tokyo, Friends Around the World, E –  
 11740sng  
 1230 WHRI, E, DXwCumbre – 7385-irreg.  
 1232 BBCWS "Click": livestream Online, UK DAB  
 1244 Inforadio, Rundfunk Berlin-Brandenburg (rbb), G,  
 Medienmagazin – FM, DAB+, STL Astra digital  
 1305 REE Madrid, Sp, Amigos de la O.C. – 13720drm EUR  
 21610 ME 21540 AF 11910 PHL  
 17595 21640 LatAM  
 1305 BR5 Munich, Medienmagazin, G –  
 FM, STL Astra digital, DAB+, Livestream  
 1330 Media Network Plus, PCJ Radio, E – [special - irr.]  
 5995nau 9335trm 11880rmi  
 1330 WHRI, E, DXwCumbre – 9840-irreg.  
 1410 NHK R Japan Tokyo, Friends Around the World, E –  
 11695tac 11925pal  
 1435 RHC Habana, Sp, En Contacto –  
 9540 11690 11750 11760 11860 13780  
 15230 15340 17580 17730 LatAM  
 1500 WRN AS/AUS/NZL/PAC stream, E, World of Radio  
 1530 AWR Wavescan Asia, E, CHN/IND – 11750nau  
 1600 AWR Wavescan Asia, E, AS/IND – 15215 15660  
 1732 SWRinfo, G, Medien – FM, DAB+, STL Astra digital  
 1805 Polskie Radio, E, Multitouch – WRN STL EUR. WRN1  
 1810 NHK R Japan Tokyo, Friends Around the World, E –  
 11800mey  
 1810 KBS World Radio, Sp, Antena de la Amistad –  
 9740 EUR/ME/NE//AF  
 1830 WRN NoAM SiriusXM, E - Media Network Plus, PCJRadio  
 1900 Radio Cairo, G, Letterbox – 11560  
 1930 T8WH Palau DXwCumbre – 9930-irreg.  
 2000 RRI Bucharest, Sp – 6010 7235  
 2002 BBC R4, Feedback, E – LW 198, MW, FM, DAB,  
 STL, livestream Online  
 2010 RHC Habana, E, DXers Unlimited –  
 11760 No/Ce/SoAM omni-dir  
 2035 BR5 Munich, Medienmagazin, G –  
 FM, STL Astra, DAB-S, Livestream  
 2130 WHRI, E, DXwCumbre – 17510  
 2200 RRI Bucharest, Sp – 9790 11870  
 2210 RHC Habana, E, DXers Unlimited – 11880 AF  
 2230 AWR Wavescan Asia, E, INS/PAC/AS – 15320  
 2240 RHC Habana, Sp, En Contacto – 17720 Europa  
 5040 9710 9810 11840 LatAM  
 2250 BBCWS, "Over to You", E – livestream online, UK DAB  
 2310 RHC Habana, E, DXers Unlimited – 5040 Banda Tropical  
 2330 AWR Wavescan Asia, E, VTN/AS – 17700  
 2332 BBCWS "Click": online UK DAB etc. livestream