



Target Listening by Time

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TO use these by-time Target Listening pages remember that in many cases a broadcast extends over several hours. We have split broadcasts into individual hours. Here's a brief legend explaining this:

- 0000- Broadcast begins at 0000 UTC
- <0000 Broadcast on the air before 0000 UTC
- 0100> Broadcast continues past 0100
- 0100 Broadcast closes at 0100 UTC
- 0100+ Broadcast may be audible past 0100

Times below are in UTC. Frequencies are in kHz.

Time	Country	Frequency
0000+	TURKMENISTAN	5015
<0000-0005	GREECE	7475,9420, 15650 (Sun)
0000-0020	JAPAN	6145 via Canada
<0000-0030	CANADA (NEWFOUNDLAND)	6160
0000-0030	CZECH REP.	7345,9440
<0000-0030	EGYPT	11590
<0000-0030	KUWAIT	7555
0000-0030	SERBIA	6190 via Bosnia
0000-0030	THAILAND	15275
<0000-0045	INDIA	13605
<0000-0045	INDIA (GOA)	9705
<0000-0100>	ANGOLA	4950, 7217v
<0000-0100>	ANGUILLA	6090
0000-0100	AUSTRIA	9820
<0000-0100>	BOLIVIA	3310
<0000-0100	BRAZIL	4985,11815
<0000-0100>	BRAZIL	6180,11780
<0000-0100>	CANADA	6100
<0000-0100>	CHILE	17680
0000-0100>	CHINA	6020 & 9570 via Albania

0000-0100	COLOMBIA	6010
<0000-0100>	CROATIA	3985 direct, 7375 via Germany
<0000-0100	DIEGO GARCIA	4319
<0000-0100>	DOMINICAN REP.	6025
0000-0100>	ECUADOR	11625
<0000-0100>	GREECE	9420
0000-0100>	ISRAEL	6973
<0000-0100	MAURITANIA	4845
0000-0100>	MEXICO	6185
<0000-0100>	NEW ZEALAND	15720
<0000-0100>	PORTUGAL	9455,9855 (Tu-Sa)
0000-0100	ROMANIA	6135,9580
<0000-0100>	RUSSIA, EURO.	9665 via Moldova, 5900
0000-0100	SPAIN	6055
<0000-0100>	SURINAM	4990v
0000-0100	UKRAINE	7440
<0000-0100>	URUGUAY	6140
<0000-0100>	ZAMBIA	4965
<0000-0100>	ZIMBABWE	3396,4828
0015+	NEPAL	5005
0020-0100>	SRI LANKA	7190,11905
0025+	INDIA(KASHMIR)	4830
0030-0045	ALBANIA	9345 (Tu-Su)
0030-0100	MYANMAR	7200
0030-0100>	SERBIA	9675 via Bosnia
0030-0100	THAILAND	12120, 15275
0045-0100>	PAKISTAN	11580, 15490
0100+	ARMENIA	4810
0100+	GERMANY (BERLIN)	6190
0100+	INDIA(SIKKIM)	4835
<0100-0105	CANADA	6100
0100-0130	CZECH REP.	6200,7345

<0100-0130	SERBIA	9675 via	0200-0230	BONAIRE	6190
		Bosnia	0200-0230	THAILAND	15275
0100-0130	SLOVAKIA	5930,9440	0200-0258	LITHUANIA	6100 (Sun)
0100-0130	VIETNAM (DPR)	6175 via	0200-0300>	ABKHAZIA	9495v
		Canada			(Mon-Sat)
<0100-0200>	ANGOLA	4950, 7217v	0200-0300	ARGENTINA	11710
<0100-0200>	ANGUILLA	6090			(Tu-Sa)
<0100-0200>	BOLIVIA	3310	<0200-0300>	ANGOLA	4950, 7217v
<0100-0200>	BRAZIL	6180,11780	<0200-0300>	ANGUILLA	6090
<0100-0200	CHILE	17680	0200-0300	ARMENIA	7250
<0100-0200	CHINA	6020 & 9570	0200-0300>	BOLIVIA	6025
		via Albania	<0200-0300>	BRAZIL	6180,11780
0100-0200	CHINA	9580 via	0200-0300	BULGARIA	9700,11700
		Cuba	<0200-0300>	CROATIA	3985 direct,
<0100-0200>	CROATIA	3985 direct,			7375 via
		7375 via			Germany
		Germany	<0200-0300>	CUBA	6000,6140
0100-0200>	CUBA	6000,6140	0200-0300>	CYPRUS	6195
<0100-0200>	DOMINICAN REP.	6025	<0200-0300>	DOMINICAN REP.	6025
<0100-0200	ECUADOR	11625	0200-0300>	ECUADOR	9745
<0100-0200>	GREECE	9420	0200-0300>	EGYPT	7540
0100-0200	HUNGARY	6150	0200-0300	GREECE	7475,9420
<0100-0200>	ISRAEL	6973			(Mon.)
0100-0200	KOREA (DPR)	11735	<0200-0300>	GREECE	9420 (Tu-Su)
<0100-0200>	MEXICO	6185	0200-0300>	HONDURAS	3250
<0100-0200>	NEW ZEALAND	15720	0200-0300>	HONDURAS	4819v
<0100-0200>	PAKISTAN	11580,	0200-0300	KOREA (REP. OF)	9580
		15490	<0200-0300	MEXICO	6185
0100-0200>	PERU	4790	<0200-0300>	NEW ZEALAND	15720
<0100-0200	PORTUGAL	9455,9855	<0200-0300>	PERU	4790
		(Tu-Sa)	<0200-0300>	RUSSIA,ASIATIC	13775
0100-0200	RUSSIA,ASIATIC	13775	<0200-0300	RUSSIA, EURO.	9665 via
<0100-0200>	RUSSIA, EURO.	9665 via			Moldova
		Moldova,	<0200-0300>	SRI LANKA	9770,
		5900			15745
<0100-0200>	SURINAM	4990v	<0200-0300	SURINAM	4990v
0100-0200>	TADJIKISTAN	4635,7245	<0200-0300>	TADJIKISTAN	4635,7245
<0100-0200>	URUGUAY	6140	0200-0300>	TAIWAN	5950 via
0100-0200>	UZBEKISTAN	7395			USA
<0100-0200>	ZAMBIA	4965	0200-0300>	TUNISIA	9725,12005
<0100-0200>	ZIMBABWE	3396,4828	<0200-0300	URUGUAY	6140
0130-0200>	IRAN	7235,9495	<0200-0300	UZBEKISTAN	7395
0130-0200>	SRI LANKA	9770,15745	<0200-0300>	ZAMBIA	4965
0130-0200	SWEDEN	6010 via	<0200-0300	ZIMBABWE	3396,4828
		Canada	0215-0300>	AZERBAIJAN	6111v
0145-0200	ALBANIA	7425 (Tu-Su)	0230-0300	BELARUS	5970,7210
<0200+	ISRAEL	6973			(Sun.)
<0200-0215	PAKISTAN	11580,15490	0230-0300>	MADAGASCAR	3215
0200-0230	BELARUS	5970,7210	0230-0300	SWEDEN	6010 via
		(M-Sa)			Canada

0230-0300	VIETNAM (DPR)	6175 via Canada	<0300-0400>	PERU	4790
0230-0300>	UZBEKISTAN	11650	0300-0400	RUSSIA,ASIATIC	13775
0236-0300>	SUDAN	7200	0300-0400	ROMANIA	6150,9645
0240-0300>	IRAQ	6335	<0300-0400>	RWANDA	6055
0245-0300>	ZAMBIA	5915,6165	0300-0400	SEYCHELLES	9750
0250-0300>	VATICAN	6040,7305	0300-0400>	SURINAM	4990
0255-0300>	RWANDA	6055	<0300-0400	TADJIKISTAN	4635,7245
0300+	SAUDI ARABIA	9580v	<0300-0400	TAIWAN	5950 via USA
0300+	YEMEN, REP.	9780v	<0300-0400>	TUNISIA	9725,12005
<0300-0319	VATICAN	6040,7305	0300-0400	UGANDA	4976
0300-0330	CZECH REP.	7345,9870	0300-0400	UKRAINE	7440
<0300-0330	EGYPT	7535	<0300-0400>	UZBEKISTAN	11650
<0300-0330	MADAGASCAR	3215	<0300-0400>	ZAMBIA	5915,6165
<0300-0330	SRI LANKA	9770, 15745	<0300-0400>	ZAMBIA	4965
0300-0330	SWAZILAND	3200, 3240	0330-0400	VIETNAM	6175 via Canada
0300-0350	LIBYA	15435, 17725	0355-0400>	ERITREA	7165,7175
0300-0350	TURKEY	5975	<0400-0430	ERITREA	7165,7175
<0300-0400>	ABKHAZIA	9495v (Mon-Sat)	<0400-0430	ETHIOPIA	6110
<0300-0400>	ANGOLA	4950, 7217v	0400-0430	FRANCE	9805,11995 (M-F)
<0300-0400>	ANGUILLA	6090	0400-0430	SWAZILAND	4775 (-05 Sa/Su)
0300-0400>	ASCENSION	7255	<0400-0430	UZBEKISTAN	11650
<0300-0400	AZERBAIJAN	4785,6111v	<0400-0458	NEW ZEALAND	15720
<0300-0400	BOLIVIA	6025	<0400-0500>	ABKHAZIA	9495v (Mon-Sat)
0300-0400	BOTSWANA	4930, 9885	<0400-0500	ANGOLA	4950, 7217v
<0300-0400>	BRAZIL	6180,11780	<0400-0500>	ANGUILLA	6090
0300-0400	CHINA	9690 via Spain	<0400-0500	ASCENSION	7255
0300-0400>	COLOMBIA	6140	<0400-0500	AZERBAIJAN	4785
<0300-0400>	CROATIA	3985 direct, 7375 via Germany	<0400-0500>	BOTSWANA	4930
<0300-0400>	CUBA	6000,6140	<0400-0500>	BRAZIL	6180,11780
<0300-0400	CYPRUS	6195	0400-0500>	CHINA	6020,6080 via Canada
0300-0400+	DJIBOUTI	4780	<0400-0500	COLOMBIA	6140
<0300-0400	DOMINICAN REP.	6025	<0400-0500	CROATIA	3985 direct, 7375 via Germany
<0300-0400>	ECUADOR	9745	<0400-0500>	CUBA	6000,6140
0300-0400	ETHIOPIA	5990v, 7110v, 9705v	<0400-0500	ECUADOR	9745
0300-0400>	ETHIOPIA	6110 or 6890	<0400-0500>	GREECE	9420
<0300-0400	HONDURAS	3250	<0400-0500>	HONDURAS	4819v
<0300-0400>	HONDURAS	4819v	<0400-0500+>	IRAQ	6335
<0300-0400>	IRAQ	6335	<0400-0500	MADAGASCAR	3288, 5010
0300-0400>	MADAGASCAR	3288, 5010	<0400-0500>	PERU	4790
<0300-0400>	NEW ZEALAND	15720	<0400-0500	RUSSIA,ASIATIC	13775
0300-0400	OMAN	15355	0400-0500	RWANDA	7245
			<0400-0500>	RWANDA	6055

0400-0500	SAO TOME	4960	0558-0600>	CROATIA	6165
<0400-0500>	SURINAM	4990	0600+	BENIN	5025,7210 (Mon-Fri)
<0400-0500	TUNISIA	9725,12005			
<0400-0500>	ZAMBIA	4910,5915, 6165	0600>	ZAMBIA	6065
0400-0500>	ZAMBIA	9430	<0600-0630	BOTSWANA	4930
0400-0430+	CONGO-KINSHASA	5066	0600-0630	FRANCE	9765,11610, 15160(M-F)
0430-0500	ITALY	5990 (M-Th)	0600-0655	SOUTH AFRICA	15255
0430-0500	SWAZILAND	3200 (Mon-Fri)	<0600-0658	NEW ZEALAND	11725
			<0600-0700>	ANGUILLA	6090
0459-0500>	NEW ZEALAND	11725	<0600-0700	BELGIUM	9970 (Su-F)
0500+	CHAD	7120 or 4905	<0600-0700>	BRAZIL	6180,11780
0500+	EQ. GUINEA (BATA)	5005	<0600-0700>	CROATIA	6165
0500+	PERU	9720	<0600-0700	CUBA	6000,6010, 6140
0500+	SWAZILAND	6120,9500			
<0500-0515	ZAMBIA	5915,6165	<0600-0700	ENGLAND	3995
<0500-0520+	ZAMBIA	9430	0600-0700	GERMANY,E.	6035,9895
0500-0530	FRANCE	11995, 13680 (M-F)	0600-0700>	GUINEA	7125
			0600-0700	LIBERIA	4760
0500-0530	JAPAN	6110 via Canada	<0600-0700>	MALI	5995
			<0600-0700	NIGERIA	15120
0500-0530	RWANDA	9700	<0600-0700>	PERU	4790
<0500-0600	ABKHAZIA	9495v(M-Sa)	<0600-0700>	SURINAM	4990
<0500-0600>	ANGUILLA	6090	0600-0700>	VANUATU	3945, 7260
<0500-0600>	BELGIUM	9970	0600-0700+	ZAMBIA	6065
<0500-0600>	BOTSWANA	4930	0630+	MAURITANIA	4845
<0500-0600>	BRAZIL	6180,11780	0645-0700>	MONACO	9800
<0500-0600	CHINA	6020,6190 via Canada	0659-0700>	NEW ZEALAND	6170
			<0700-0800>	ANGUILLA	6090
0500-0600>	CROATIA	6165	<0700-0800	BRAZIL	6180,11780
<0500-0600>	CUBA	6000,6010, 6140	<0700-0800>	CROATIA	6165
			<0700-0800>	ENGLAND	6195
0500-0600>	ENGLAND	3995	<0700-0800	GUINEA	7125
0500-0600+	EQ.GUINEA (MALABO)	6250	<0700-0800	MALI	5995
			0700-0800>	MEXICO	6185
0500-0600>	ENGLAND	6195	<0700-0800>	MONACO	9800
0500-0600+	GABON	4777	<0700-0800>	NEW ZEALAND	6170
<0500-0600>	GREECE	9420	<0700-0800>	PERU	4790
<0500-0600+	HONDURAS	4819v	<0700-0800>	SURINAM	4990
0500-0600	HUNGARY	3975	<0700-0800>	TUNISIA	7190,7275
<0500-0600>	NEW ZEALAND	11725	<0700-0800>	VANUATU	3945, 7260
0500-0600>	NIGERIA	15120	0800+	GABON	7270
<0500-0600>	PERU	4790	<0800-0820	MONACO	9800
0500-0600	ROMANIA	7305	<0800-0857	CROATIA	6165
<0500-0600	RWANDA	6055	<0800-0900>	ANGUILLA	6090
<0500-0600>	SURINAM	4990	0800-0900>	AUSTRALIA	9580,9590
<0500-0600	ZAMBIA	4965	0800-0900>	BOLIVIA	3310
0530>	BURKINA FASO	5030	<0800-0900>	COLOMBIA	5910
0555+	BENIN	4870 (Sa/Su)	<0800-0900	ENGLAND	6195
0555-0600>	MALI	5995	0800-0900	ITALY	9510 (Sat.)

0800-0900	LATVIA	9290 (Sat.)	<1000-1100	CHINA	4840,7350
0800-0900>	MALAYSIA(MALAYA)	15295		(MANCHURIA)	
0800-0900	MALI	9635	1000-1100+	COLOMBIA	6010v, 6140
<0800-0900>	MEXICO	6185	<1000-1100>	COLOMBIA	5910
<0800-0900>	NEW ZEALAND	6170	1000-1100	INDONESIA (JAWA)	9525
<0800-0900>	PERU	4790	1000-1100	KOREA, D.P.R.	11710,15180
0800-0900>	SOLOMON IS.	9541v	1000-1100>	MALAYSIA(MALAYA)	7295
<0800-0900	SURINAM	4990	<1000-1100>	MALAYSIA (SARAWAK)	7270
0800-0900	USA (ALASKA)	7355	<1000-1100>	MEXICO	6185
<0800-0900>	VANUATU	3945, 7260	<1000-1100>	MYANMAR	5985v
0805-0900	GUAM	15170 (M-F)	1000-1100	N.MARIANAS	12065
0810+	BURKINO FASO	7230	1000-1100	PALAU	15725
0830-0900	PALAU	15725	<1000-1100+>	PERU	4790
0855-0900>	GUAM	11840 (M-F)	1000-1100>	PNG(NEW IRELAND)	3905
<0900-0930	GUAM	11840 (M-F)	1000-1100>	PNG(PAPUA)	3275,3305,
0900-0930	JAPAN	9825			3365,4960
<0900-0930	MALAYSIA(MALAYA)	15295	1000-1100>	SAUDI ARABIA	15250
<0900-1000	ANGUILLA	6090	<1000-1100>	SINGAPORE	9740
<0900-1000>	AUSTRALIA	9580,9590	<1000-1100	SOLOMON IS.	9541v
<0900-1000	BOLIVIA	3310	1000-1100	USA(ALASKA)	6890
0900-1000>	BOLIVIA	6135	<1000-1100>	VANUATU	3945, 7260
0900-1000>	CHINA(MANCHURIA)		1015-1035	NIGERIA	9690
		4840,7350	1030-1100	GUATEMALA	4780
<0900-1000>	COLOMBIA	5910	1030-1100>	INDIA	4760
0900-1000	KALININGRAD	7330		(ANDAMAN ISLAND)	
0900-1000>	MALAYSIA (SARAWAK)	7270	1030-1100	MONGOLIA	12085
<0900-1000>	MEXICO	6185	1045-1100>	LATVIA	9290 (Sun)
<0900-1000>	NEW ZEALAND	6170	1059-1100>	NEW ZEALAND	9655
<0900-1000>	PERU	4790	<1100-1115	VANUATU	3945, 7260
0900-1000>	SINGAPORE	9740	1100-1200>	ANGUILLA	11775
<0900-1000>	SOLOMON IS.	9541v	1100-1200>	ASCENSION	17830
<0900-1000>	VANUATU	3945, 7260	1100-1200>	AUSTRALIA	6020
0905-1000	GREECE	9420,15630	<1100-1200>	AUSTRALIA	9580,9590
		(Sun)	1100-1200	BHUTAN	6035
0930-1000>	MYANMAR	5985v	<1100-1200	CANADA	6160
0950-1000>	PHILIPPINES	15325		(NEWFOUNDLAND)	
1000+	INDONESIA		<1100-1200	CHINA	6040 via
	(NUSA TENGGARA)	3385v			Canada
1000+	PERU	4790,6725v	1100-1200	CHINA (TIBET)	4905,4920,
1000-1020	INDONESIA(JAWA)	9680			5240,6050,
		(Wed/Su)			6130,6110,
<1000-1030	PHILIPPINES	15325			6200,7125,
<1000-1058	NEW ZEALAND	6170			9490
1000-1100	ANGUILLA	6000	1100-1200>	COSTA RICA	15170 (M-F)
<1000-1100>	AUSTRALIA	9580,9590	1100-1200	EQ. GUINEA(BATA)	15190
<1000-1100	BOLIVIA	6135,6155v	<1100-1200>	INDIA	4760
1000-1100>	CANADA	6160		(ANDAMAN ISLAND)	
	(NEWFOUNDLAND)		1100-1200	INDONESIA	4605
1000-1100>	CHINA	6040 via		(IRIAN JAYA)	
		Canada	1100-1200	LAOS	6130

<1100-1200	LATVIA	9290 (Sun)	1200-1300	INDONESIA(JAWA)	15125,15150
<1100-1200	MALAYSIA(MALAYA)	7295	1200-1300	KOREA (REP.)	9650 via
<1100-1200	MALAYSIA (SARAWAK)	7270			Canada
<1100-1200	MEXICO	6185	<1200-1300>	LAOS	7145
<1100-1200>	MYANMAR	5985v	1200-1300	MALAYSIA (MALAYA)	15295
<1100-1200>	NEW ZEALAND	9655	1200-1300+	MEXICO	6010
1100-1200	PALAU	9985	<1200-1300	MYANMAR	5985v
1100-1200	PNG (NEW BRITAIN)	3385	1200-1300>	OMAN	15310
1100-1200	PNG(NEW GUINEA TERR.)		<1200-1300	PNG (BOUGAINVILLE)	3325
		3205,3220,	<1200-1300>	PNG(NEW BRITAIN)	3235
		3260,3290,	1200-1300	POLAND	7330 via
		3335			E.Germany,
<1100-1200	PNG(NEW IRELAND)	3905			9425 via
<1100-1200	PNG(PAPUA)	3275,3305,			W.Germany
		3365,4960	1200-1300>	SAUDI ARABIA	21505,
<1100-1200	SAUDI ARABIA	15250			21640
<1100-1200>	SINGAPORE	9740	<1200-1300>	SINGAPORE	9740
1100-1200	TAIWAN	7445,11715	1200-1300>	SRI LANKA	9565
1100-1200	UKRAINE	11550	1200-1300>	TAJIKISTAN	11500
1100-1200>	UZBEKISTAN	9500	1200-1300	USA (ALASKA)	7355,9780
1130-1200	BULGARIA	11700,	<1200-1300>	UZBEKISTAN	9500
		15700	1230-1300	BANGLADESH	7250
1130-1200	INDONESIA	4925	1230-1300	THAILAND	9890
	(SUMATERA)		1230-1300>	TURKEY	15450,
1130-1200>	LAOS	7145			15520
1130-1200>	NEPAL	5005	1230-1300	VIETNAM,D.P.R.	9840,12020
1200+	INDONESIA	3325,3976	<1300-1325	TURKEY	15450,
	(KALIMANTAN)				15520
1200+	INDONESIA (MALUKA)	3345v	1300-1330	CZECH REP.	13580
1200+	INDONESIA (SULAWESI)	4750	<1300-1340	COSTA RICA	15170 (M-F)
1200+	MALAYSIA(MALAYA)	9750	<1300-1400>	ANGUILLA	11775
<1200-1225	SAUDI ARABIA	15250	<1300-1400>	ASCENSION	17830
1200-1230	FRANCE	21620	<1300-1400	AUSTRALIA	6020,9580,
<1200-1230	INDIA	4760			9590
	(ANDAMAN ISLAND)		<1300-1400>	CHILE	17680
1200-1230	JAPAN	6120 via	1300-1400	CHINA	9570 via
		Canada			Cuba,11980
<1200-1230	LAOS	7145	<1300-1400>	COSTA RICA	15170 (Sun)
<1200-1230	NEPAL	5005	1300-1400	GUAM	12105
1200-1245	PAKISTAN	9345	1300-1400	INDONESIA (JAWA)	9525
<1200-1258	NEW ZEALAND	9655	1300-1400	KAZAKHSTAN	7560
<1200-1300>	ANGUILLA	11775	1300-1400	KOREA (DPR)	9335,11710
<1200-1300>	ASCENSION	17830	<1300-1400>	LAOS	7145
<1200-1300>	AUSTRALIA	6020,9580,	<1300-1400	OMAN	15310
		9590	<1300-1400>	SAUDI ARABIA	21505,21640
1200-1300>	CHILE	17680	<1300-1400>	SINGAPORE	9740
1200-1300>	CHINA	11980	<1300-1400	SRI LANKA	9565
<1200-1300>	COSTA RICA	15170	<1300-1400>	TAJIKISTAN	11500
		(M-F,Su)	<1300-1400	UZBEKISTAN	9500
1200-1300	FR. GUIANA	11860 (M-F)	1330-1400>	INDIA	13710

1400-1430	JAPAN	11705 via Canada	1600-1700	FRANCE	15605, 17605
<1400-1500>	ANGUILLA	11775	1600-1700>	GABON	9580,15475
<1400-1500>	ASCENSION	17830	<1600-1700	JAPAN	9535
<1400-1500>	AUSTRALIA	9590	1600-1700>	MALI	9635
<1400-1500>	CHILE	17680	1600-1700>	MOROCCO	15345
<1400-1500	COSTA RICA	15170 (Sun)	<1600-1700>	N. MARIANAS	13670
1400-1500>	CYPRUS	21470	1600-1700>	RUSSIA,EURO.	7335,9470
<1400-1500	INDIA	13710	<1600-1700	SAUDI ARABIA	15225, 15435
1400-1500>	LIBYA	17725,21695			
1400-1500>	MADAGASCAR	11835,15815	1600-1700>	SAUDI ARABIA	17660
1400-1500	N. MARIANAS	9455 via Saipan	<1600-1700>	SOMALIA	7145
		15140	1600-1700	SRI LANKA	9560
1400-1500	OMAN	15140	1700-1755	SOUTH AFRICA	15235
<1400-1500	SAUDI ARABIA	21505,21640	<1700-1800>	ANGUILLA	11775
<1400-1500>	SINGAPORE	9740	<1700-1800>	ASCENSION	15400,17830
<1400-1500	TAJIKISTAN	11500	1700-1800>	AZERBAIJAN	6110
1400-1500	UZBEKISTAN	9345	1700-1800	BELGIUM	13685 via Russia
1430-1500	ALBANIA	13625(M-Sa)			
<1500-1600>	ANGUILLA	11775	<1700-1800>	BOTSWANA	15580
<1500-1600>	ASCENSION	15400,17830	<1700-1800>	CHILE	17680
<1500-1600	AUSTRALIA	9590	<1700-1800	CYPRUS	9410
<1500-1600>	CHILE	17680	<1700-1800>	CYPRUS(TURKISH)	6150
<1500-1600>	CYPRUS	21470	<1700-1800	ETHIOPIA	7165,9560v
1500-1600>	FINLAND	9595	<1700-1800>	GABON	9580,15475
1500-1600	GERMANY, W.	17485	<1700-1800	MALI	9635
1500-1600>	JAPAN	9535	<1700-1800>	MOROCCO	15345
1500-1600	KUWAIT	11550	1700-1800>	NIGERIA	15120
1500-1600	LATVIA	9290 (Sun.)	<1700-1800>	N. MARIANAS	13670
<1500-1600	LIBYA	17725,21695	1700-1800	POLAND	9790 via France
<1500-1600	MADAGASCAR	11835,15815			
1500-1600>	N. MARIANAS	13670	1700-1800	ROMANIA	9535,11735
1500-1600	PALAU	9965	<1700-1800>	RUSSIA,EURO.	7335,9470
1500-1600>	SAUDI ARABIA	15225,15435	<1700-1800>	SAUDI ARABIA	17660
<1500-1600	SINGAPORE	9740	<1700-1800>	SOMALIA	7145
<1500-1600>	SOMALIA	7145	1700-1800	SUDAN	7200, 9200
1530-1600>	BOTSWANA	15580	1715-1730	MOLDOVA (PRID.)	7370
1530-1600	SWEDEN	9360	1745-1800>	INDIA	11620
1600-1615	PAKISTAN	9380,11565	1745-1800>	JORDAN	9830
<1600-1700>	ANGUILLA	11775	<1800>	CONGO(BRAZZAVILLE)	6115
<1600-1700>	ASCENSION	15400, 17830	<1800	PAKISTAN	9390
		13675 via Canada	<1800-1900>	ANGUILLA	11775
1600-1700	AUSTRIA	13675 via Canada	1800-1900>	ANTARCTICA	15476 (M-F)
<1600-1700>	BOTSWANA	15580	<1800-1900>	ASCENSION	15400
<1600-1700>	CHILE	17680	<1800-1900+>	AZERBAIJAN	6110
<1600-1700	CYPRUS	21470	1800-1900>	BELGIUM	9970 (M-Sa)
1600-1700>	CYPRUS(TURKISH)	6150	1800-1900	BELGIUM	9590 via UK
1600-1700>	ETHIOPIA	7165,9560v	<1800-1900>	BOTSWANA	15580
<1600-1700	FINLAND	9595	<1800-1900>	CHILE	17680
			<1800-1900>	CYPRUS(TURKISH)	6150

1800-1900>	ENGLAND	17795			15335 via
<1800-1900	GABON	9580,15475			E.Germany,
1800-1900>	GERMANY,W.	12045			15535 via
<1800-1900>	INDIA	11620			W.Germany
<1800-1900>	JORDAN	9830	1900-2000>	NIGER	9705
1800-1900>	KUWAIT	11990	<1900-2000>	NIGERIA	15120
1800-1900>	MADAGASCAR	11655	<1900-2000	RUSSIA,EURO.	7335,11510
<1800-1900>	MOROCCO	15345	1900-2000>	SAO TOME	4940
1800-1900>	MOROCCO, SP.	9575	<1900-2000>	SAUDI ARABIA	9870
1800-1900>	NETHERLANDS	15535 via	<1900-2000>	SEYCHELLES	9410
		W.Germany	<1900-2000>	TANZANIA(ZANZIBAR)	11735
<1800-1900>	NIGERIA	15120	1900-2000>	TUNISIA	7225
<1800-1900	N. MARIANAS	13670	1900-2000	U.A.E.	7160
<1800-1900>	RUSSIA,EURO.	7335,11510	<1900-2000>	UAE(ABU DHABI)	9605,11710,
<1800-1900	SAUDI ARABIA	17660			17760
1800-1900>	SAUDI ARABIA	9870	<1900-2000>	YEMEN	9780v
1830-1900>	SEYCHELLES	9410	1900-2000>	ZAMBIA	5940
<1800-1900	SOMALIA	7145	1908-1924	MALI	4835,5995
1800-1900>	TANZANIA(ZANZIBAR)	11735	1930-2000>	IRAN	5940 via
1800-1900>	UAE(ABU DHABI)	9605,11710,			Lithuania,
		17760			6205,7205
1800-1900>	YEMEN	9780v	1930-2000>	LITHUANIA	6115
1830-1900	SLOVAKIA	5920,6055	2000+	EQ. GUINEA(MALABO)	6250
1855+	AFGHANISTAN	6700	<2000-2100>	TUNISIA	7225
1900-1930	BAHRAIN	6010	2000-2030	ALBANIA	7465,13640
1900-1930	SRI LANKA	15620			(Mon-Sat)
<1900-1945	INDIA	11620	<2000-2030	CROATIA	6165
<1900-2000>	ANGUILLA	11775	<2000-2030	IRAN	5940 via
<1900-2000>	ANTARCTICA	15476 (M-F)			Lithuania,
<1900-2000>	ASCENSION	15400,17830			6205,7205
<1900-2000>	BELGIUM	9970 (M-Sa)	<2000-2030	LITHUANIA	5940
1900-2000>	BOTSWANA	4930	<2000-2030	SAO TOME	4940
<1900-2000>	BOTSWANA	15580			(-21 Sa/Su)
<1900-2000>	CHILE	17680	<2000-2057	ALGERIA	9375 via
1900-2000>	CROATIA	6165			France
<1900-2000>	CYPRUS(TURKISH)	6150	2000-2100>	ALGERIA	6297
<1900-2000	ENGLAND	17795	<2000-2100>	ANGUILLA	11775
1900-2000>	EQ. GUINEA(BATA)	15190	<2000-2100	ANTARCTICA	15476 (M-F)
1900-2000>	ETHIOPIA	7110, 9704v	<2000-2100	ASCENSION	15400
1900-2000>	FINLAND	6060	2000-2100>	BELARUS	7210,7255,
<1900-2000>	GABON	9580			7390
<1900-2000	GERMANY,W.	15535	<2000-2100	BELGIUM	9970 (M-Sa
<1900-2000>	JORDAN	9830			& -22 Sa)
<1900-2000>	KUWAIT	11990	<2000-2100	BOTSWANA	4930
<1900-2000>	MADAGASCAR	11655	2000-2100>	CENTRAL AFR. REP.	7220
<1900-2000>	MOROCCO	15345	<2000-2100>	CHILE	17680
<1900-2000>	MOROCCO, SP.	9575	<2000-2100>	CYPRUS(TURKISH)	6150
1900-2000	NETHERLANDS	9480 UAE,	<2000-2100	DJIBOUTI	4780
		11660 via	<2000-2100>	EQ. GUINEA(BATA)	15190
		France,	2000-2100>	EQ.GUINEA(BATA)	5005

<2000-2100	ENGLAND	9630	<2100-2200	BELARUS	7210,7255,
<2000-2100	ETHIOPIA	7110, 9704v			7390
2000-2100	FINLAND	5980 (Sat.)	2100-2200>	BENIN	5025
<2000-2100	FINLAND	6060	2100-2200	BULGARIA	5900, 7400
<2000-2100>	GABON	9580	2100-2200>	BURKINA FASO	5030
2000-2100	GERMANY,W.	11795 via UK	<2100-2200	CENTRAL AFR. REP.	7220
2000-2100>	GREECE	9420	2100-2200>	CHAD	7120 or 4905
2000-2100	INDONESIA(JAWA)	11785	<2100-2200>	CHILE	17680
<2000-2100	JORDAN	9830	<2100-2200>	CYPRUS(TURKISH)	6150
<2000-2100	KUWAIT	11990	2100-2200>	DIEGO GARCIA	4319
2000-2100	LIBERIA	5470	<2100-2200>	EQ. GUINEA(BATA)	15190
<2000-2100	MADAGASCAR	7425	<2100-2200>	EQ.GUINEA(BATA)	5005
2000-2100>	MOLDOVA	6240	<2100-2200>	GABON	9580
2000-2100>	MOLDOVA(PRID.)	6040	<2100-2200>	GREECE	9420
<2000-2100>	MOROCCO	15345	<2100-2200>	GREENLAND	3815
<2000-2100>	MOROCCO, SP.	9575	<2100-2200>	INDIA	9445,11620
<2000-2100	NETHERLANDS	7425 via Madagascar	<2100-2200>	INDIA (GOA)	11715
			2100-2200	KOREA (D.P.R.)	13760,15245
<2000-2100>	NIGER	9705	<2100-2200>	KUWAIT	7555
<2000-2100	NIGERIA	15120	2100-2200>	MAURITANIA	4845
<2000-2100>	SAUDI ARABIA	9870	<2100-2200	MOLDOVA	6240
<2000-2100	SEYCHELLES	9410	<2100-2200	MOLDOVA(PRID.)	6040
<2000-2100	TANZANIA(ZANZIBAR)	11735	<2100-2200	MOROCCO	15345
<2000-2100>	UAE(ABU DHABI)	9605,11710, 17760	<2100-2200>	MOROCCO, SP.	9575
			<2100-2200>	NIGER	9705
2000-2100	UGANDA	4976	2100-2200	RWANDA	11865
2000-2100	UKRAINE	7510	<2100-2200>	SAUDI ARABIA	9870
2000-2100	VENEZUELA	17705 via Cuba	<2100-2200>	TUNISIA	7225
			<2100-2200	UAE(ABU DHABI)	9605,11710, 17760
<2000-2100>	YEMEN	9780v	<2100-2200>	YEMEN	9780v
<2000-2100>	ZAMBIA	5940	<2100-2200	ZAMBIA	5940
2030-2100>	CUBA	17660	2110-2200>	SYRIA	9330
2030-2100>	KUWAIT	7555	2115-2200>	EGYPT	6255
2030-2100	ROMANIA	11940,15465	2115-2200>	IRELAND	6295,12255
2045-2100>	INDIA	9445,11620			(Sun.)
2045-2100>	INDIA (GOA)	11715	<2130>	URUGUAY	6125
2045-2100	MADAGASCAR	3288,5010	2130-2200>	INDONESIA(IRIAN JAYA)	4790
2100+	LUXEMBOURG	6095 DRM	2130-2200>	INDONESIA (SULAWESI)	4750
<2100	RWANDA	6055	2130-2200>	LIBERIA	4760, 6070
<2100-2130	CUBA	17660	2130-2200>	LITHUANIA	6055
2100-2130	BOSNIA	6100, 7200 via Serbia	2130-2200>	ZAMBIA	5915,6165
			<2200-2205	ZAMBIA	5915,6165
2100-2130	SERBIA	6100 via Bosnia,7200	<2200-2210	SYRIA	9330
			<2200-2210	YEMEN	9780v
2100-2130	URUGUAY	9650v	<2200-2215	GREENLAND	3815
<2100-2157	CROATIA	6165	<2200-2220	IRELAND	6295,12255
<2100-2200>	ALGERIA	6297			(Sun.)
<2100-2200>	ANGUILLA	11775	<2200-2228	LITHUANIA	6055
<2100-2200>	ASCENSION	15400	<2200-2230	INDIA	9445,11620
2100-2200>	AUSTRALIA	15515			

<2200-2230	INDIA (GOA)	11715			7125
<2200-2230	INDONESIA (SULAWESI)	4750	2230-2300	CZECH REP.	7345,9415
<2200-2245	EGYPT	6255	2236-2300>	NEW ZEALAND	15720
2200-2250	TURKEY	9830	2245-2300>	INDIA	13605
<2200-2300	ALGERIA	6297	2245-2300>	INDIA (GOA)	9705
<2200-2300	ANGUILLA	11775	2258-2300>	CROATIA	3985 direct, 7375 via Germany
2200-2300>	ANGUILLA	6090			
<2200-2300	ASCENSION	15400	2300+	KYRGYZSTAN	4010, 4795
<2200-2300	AUSTRALIA	15515	2300+	TAJIKISTAN	4765v
2200-2300>	AUSTRALIA	15560	<2300-2330	CHINA (TIBET)	4920,5240, 7125
2200-2300>	BAHRAIN	9745 USB			
<2200-2300	BENIN	5025	2300-2400>	ANGOLA	4950, 7217v
<2200-2300>	BURKINA FASO	5030	<2300-2400>	ANGUILLA	6090
2200-2300>	CANADA (NEWFOUNDLAND)	6160	<2300-2400	AUSTRALIA	15560
<2200-2300	CHAD	7120 or 4905	<2300-2400>	BAHRAIN	9745 USB
<2200-2300>	CHILE	17680	2300-2400>	BOLIVIA	3310
<2200-2300>	CYPRUS(TURKISH)	6150	2300-2400>	BRAZIL	4985, 6180, 11780,11815
<2200-2300>	DIEGO GARCIA	4319			
<2200-2300	EQ. GUINEA(BATA)	15190	2300-2400	BULGARIA	9700, 11700
<2200-2300	EQ.GUINEA(BATA)	5005	<2300-2400	BURKINA FASO	5030
2200-2300	FR. GUIANA	5975	<2300-2400>	CANADA (NEWFOUNDLAND)	6160
<2200-2300	GABON	9580	<2300-2400>	CHILE	17680
<2200-2300>	GREECE	9420	<2300-2400>	CROATIA	3985 direct, 7375 via Germany
2200-2300	INDONESIA(SUMATERA)	4925			
2200-2300>	GUINEA	7125	<2300-2400	CYPRUS(TURKISH)	6150
2200-2300	HUNGARY	3975	<2300-2400>	DIEGO GARCIA	4319
<2200-2300>	KUWAIT	7555	2300-2400>	DOMINICAN REP.	6025
<2200-2300	LIBERIA	4760, 6070	2300-2400>	EGYPT	11590
2200-2300>	MALI	5995	<2300-2400>	GREECE	9420
<2200-2300>	MAURITANIA	4845	<2300-2400	GUINEA	7125
2200-2300>	MOROCCO	7135	<2300-2400>	INDIA	13605
<2200-2300>	MOROCCO, SP.	9575	<2300-2400>	INDIA (GOA)	9705
<2200-2300	NIGER	9705	<2300-2400>	ISRAEL	6973
2200-2300>	PHILIPPINES	9415,11955	2300-2400	KUWAIT	7500
2200-2300	ROMANIA	9790,11940	<2300-2400>	KUWAIT	7555
2200-2300>	RUSSIA, EURO.	5900	<2300-2400	MALI	5995
<2200-2300	SAUDI ARABIA	9870	<2300-2400>	MAURITANIA	4845
<2200-2300>	TUNISIA	7225	<2300-2400	MOROCCO	7135
2200-2300	TURKMENISTAN	4930	<2300-2400	MOROCCO, SP.	9575
2200-2300>	ZAMBIA	4965	<2300-2400>	NEW ZEALAND	15720
2200-2300>	ZIMBABWE	3396,4828	<2300-2400	PHILIPPINES	9415,11955
2215+	INDONESIA (KALIMANTAN)	3325,3976	<2300-2400>	PORTUGAL	9455,9855 (Tu-Sa)
2215-2245	CYPRUS	5930,7210, 9760 (F-Su)	2300-2400>		
2215-2300	MOLDOVA (PRIDNESTROVIE)	9665(Su-Th)	<2300-2400>	RUSSIA, EURO.	9665 via Moldova, 5900
<2225	DJIBOUTI	4780			
2230-2300>	CHINA (TIBET)	4920,5240,	2300-2400>	SURINAM	4990v

<2300-2400	TUNISIA	7225
2300-2400>	URUGUAY	6140
2300-2400	VENEZUELA	13680 & 15250 via Cuba
<2300-2400>	ZAMBIA	4965
<2300-2400>	ZIMBABWE	3396,4828
2305-2400>	CANADA	6100 (M-F)
2305-2400>	GREECE	7475,9420, 15650 (Sun)
2355+	INDIA (ANDAMAN IS.)	4760



On the shortwaves.com

NEW HISTORY MATERIAL AT <http://www.on-theshortwaves.com>

Under "DX History/Stations," we turn to OTC, Leopoldville, the Belgian Congo. The Congo, both the Belgian and French parts, offered some of the most interesting listening in the 1950s and 1960s, with OTC located in the former, and Radio Brazzaville in the latter. During the war, both had served as the colonial voice of their home countries. Afterwards, they retained a certain autonomy, broadcasting to the world from their exotic locations. The pamphlet we have posted from OTC appears to have been issued around 1949, and contains information about Belgium, the Congo, and the station itself. Part of Radiodiffusion Nationale Belge, OTC broadcast with 50 kw. Its audience orientation made it a favorite among shortwave listeners everywhere, and it often carried special programs for particular clubs. As noted in the pamphlet, it had DX programs in multiple languages, and OTC received so many letters from Sweden that it had a regular program in Swedish. It lost its distinct identity in 1952, after which it served as a relay of Brussels until Congolese independence in 1960 brought its closure.

If you were listening during the late 1940s and the 1950s, and if you were recording your DX, you were using a reel-to-reel tape recorder. Before reel-to-reel there was wire recording, but home recording did not really catch on until tape. What was available before tape and wire for those who couldn't wait? Disk cutting, and some DXers used the technique to record their DX. Under "DX History/Equipment

& Advertising" we have posted three articles from 1935 about disk cutting and DXing. The first, from the February issue of Short Wave Craft, deals mainly with the technology. The other two articles, from the September and December issues of Radio Index (RADEX), discuss practice. Tuning a receiver while also cutting a disk looks like no small feat--a very long way from today's digital recording.

One of the more colorful characters in early American broadcasting was Col. Edward Howland Robinson Green, a bigger-than-life resident of the majestic Round Hill estate, most of whose land is now part of the town of South Dartmouth, Massachusetts. Green's broadcast band station, WMAF, came on the air in 1922 with 100 watts (later increased). Under "DX History/QSLs & Other Station Memorabilia," we have posted two interesting items from WMAF. One is a Round Hill "poster stamp" (a non-postage stamp) reflecting the station's call letters, plus some other sites at Round Hill. The other is a reception report sent to WMAF from England in 1923, which makes for interesting reading. The report is from a fascinating book, "Colonel Edward Howland Robinson Green and the World He Created at Round Hill" by Barbara Fortin Bedell. The book is available from <http://www.partnersvillagestore.com/> in Westport, Mass., or directly from Ms. Bedell at bb280z@yahoo.com. (The report is reproduced here with Ms. Bedell's permission.) The origin of the poster stamp is unknown; notwithstanding her considerable knowledge of the Round Hill story, Ms. Bedell was unfamiliar with the stamp.

This time, under "DX History/Recordings," we visit Honduras, and present some station recordings, mainly from the years 1976 to 1978. In those years, unlike now, Honduras had many stations on the air. They were commercial or religious stations, mainly on the 49 and 60 meter bands, and typically signing on around 1000-1100 UTC, when east coast reception was the best. The recordings are: La Voz de la Mosquitia, Puerto Lempira, 4910 kHz. (1981); La Voz del Junco, Santa Barbara, 6075 (1977); La Voz Evangelica, Tegucigalpa, 4820 (1976); Radio Juticalpa, Juticalpa, 4781 (1978); Radio Landia, Comayagua, 4965 (1978); Radio Lux, Olanchito, 4890 (1977); Radio Progreso, El Progreso, 4920 (1976); and Radio Swan, San Pedro Sula, 6015 (1977).