Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
1A	373.0	400		Williams Harbour	NL	CAN	N52 33 32	W055 46 56	GO22CN	1992	1238	53
1B	251.0	400		UNID		CAN						
1B	277.0	400	iw	Sable Island offshore	NS	CAN	N43 55 50	W060 01 22	FN93XW	1558	968	83
1D	346.0	400		Charlottetown	NL	CAN	N52 46 30	W056 07 27	GO12WS	1979	1230	52
1E	349.0	400		Black Tickle	NL	CAN	N53 28 00	W055 47 15	GO23CL	2028	1260	50
1F	363.0	400		Bathurst/Manta	NB	CAN	N47 37 50	W065 44 41	FN77DP	1143	710	64
1K	227.0			Zama Lake	AB	CAN	N59 01 24	W118 50 35	DO09NA	3146	1955	316
1L	300.0		mar	Dutkewych Point	ON		N44 20 14	W079 31 58	FN04FI	49	31	
1M	229.0	1020		Hibernia Production Platform	NL		N46 45 00	W048 45 35	GN56OS	2412	1499	72
1N	311.0			Pelican	AB		N56 10 00	W113 00 00	DO36LE	2725	1693	
10	341.0			Cassiar Land District/Kemess Mines	ВС		N62 20 00	W126 50 00	CP62NH	3655	2271	
1P	371.0			Kahntah	ВС			W120 55 00	CO98MB	3240	2013	
1Q	337.0	400		Testlatlints Rock	ВС		N54 11 00	W133 00 00	CO34LE	3973	2469	
1R	374.0			Cassiar Land District/Kemess Mines	ВС		N56 57 00	W126 42 00	CO66PW	3569	2218	
1S	350.0			Obre Lake/North of Sixty	NT		N60 19 08	W103 07 46	DP80KH	2416	1501	
10	278.0	400		Masset	BC		N54 01 54	W132 07 38	CO34WA	3918	2434	
1W	412.0	400		Sandy Bay	SK		N55 32 36	W102 16 32	DO85UN	2078	1291	
1X	303.0	400		Grand Banks/Terra Nova Platform	NL		N46 28 00	W048 31 00	GN56RL	2433	1512	
2A	330.0	400	civ	South Indian Lake	MB		N56 47 38	W098 54 13	EO06NT	1980	1230	
2B	364.0	400		Springdale	NL		N49 29 24	W056 11 05	GN19VL	1877	1166	63
2C	329.0	1020		Sable Island/Panuke Platform	NS		N43 49 00	W060 44 00	FN93PT	1502	934	84
2C	413.0			Beaufort Sea	NT		N69 55 00	W131 10 00	CP49JW	4061	2524	
2G	380.0	400		Port Cartier Lebel-sur-Quevillon	QC QC		N50 02 00	W066 52 00	FO60NA	1174	729	50
2H	261.0	400	oi.				N49 02 14 N46 23 11	W077 01 15	FN19LA	601	374	17
2I 2J	359.0 250.0	400 400	civ	Florenceville/Connell Grand Forks	NB BC		N49 01 03	W067 36 20 W118 25 25	FN66EJ DN09SA	971 3013	604 1872	69 295
25 2K	405.0	400		Camrose	AB		N53 01 56	W116 25 25 W112 48 48	DO33OA	2638	1639	
2L	204.0	400		Anticosti/Rivière Saumon	QC		N49 25 00	W062 14 00	FN89VK	1450	901	59
2M	393.0	400		Opapimiskan Lake	ON		N52 36 11	W090 22 28	EO42TO	1260	783	
20	210.0	400		Rae Lakes	NT		N64 07 00	W117 18 48	DP14IC	3264	2028	
2P	373.0	400		Fox Creek/Kaybob/Chevron Resources	AB		N54 07 00	W117 10 46 W116 36 54	DO14QC	2905	1805	
2Q	373.0	400		Mont Laurier	QC		N46 36 09	W075 28 14	FN26GO	434	270	45
2R	373.0	400		Tyendinaga	ON		N44 10 48	W077 06 46	FN14KE	191	118	80
<b>2S</b>	406.0	400		High Prairie	AB		N55 23 44	W116 29 04	DO15SJ	2919	1814	
2T	329.0	1020		Pokemouche	NB		N47 42 54	W064 53 09	FN77NR	1207	750	
2U	284.0	400		Mackenzie	ВС	CAN	N55 18 13	W123 08 12	CO85KH	3336	2073	308
2V	209.0	1020		Sable Island/Panuke Platform	NS	CAN	N43 48 00	W060 44 00	FN93PT	1503	934	84
2W	357.0			Sable Island/Saipem 7000 Platform	NS	CAN	N43 50 00	W059 54 00	GN03BT	1569	975	83
2Y	285.0	400		Chibougamau	QC	CAN	N49 55 00	W074 22 00	FN29TW	773	480	28
2 <b>Z</b>	382.0			Diavik Mine Site	NT	CAN	N64 30 36	W110 18 24	DP44UM	2993	1860	331
3B	391.0	400	civ	Brockville	ON	CAN	N44 42 05	W075 42 00	FN24DQ	313	195	72
3C	269.0	1020		Sable Island/Venture Platform	NS	CAN	N44 02 00	W059 25 00	GN04GA	1605	997	83
3D	398.0	400		Cumberland House	SK	CAN	N53 57 26	W102 17 50	DO83UW	1999	1242	312
3E	242.0	1020		Sable Island/North Triumph Platform	NS	CAN	N43 42 00	W059 51 00	GN03BQ	1575	978	84
3F	384.0	400		lle a la Crosse	SK	CAN	N55 29 02	W107 55 51	DO65AL	2399	1491	313
3G	330.0	400		Peggo	BC			W120 10 00	CO99VG	3225	2004	
3H	276.0	400		Consort	AB			W110 44 44	DO42PA	2482	1542	
31	397.0	400		Fort Nelson/Mobil Sierra	ВС			W121 20 42	CO98HT	3280	2038	
3K	210.0			Bob Quin Lake	ВС			W130 15 00	CO46UX	3785	2352	
3L	315.0	,		Brazeau River/Amoco	AB			W115 58 00	DO23AB	2848	1770	
3M	385.0	400		Drayton Valley Industrial	AB		N53 15 59	W114 57 18	DO23MG	2783	1730	
3N	298.0			Weyburn	SK			W103 48 15	DN89CQ	1957	1216	
3P	242.0		CIV	Muddy Lake/Bearskin L	BC			W132 11 44	CO38VF	3902	2425	
3R	366.0	4000		Postville	NL			W059 47 49	GO04CV	1869	1161	42
3S	252.0	1020		Sable Island/Thebaud Platform	NS			W060 12 00	FN93VV	1544	959	
3U	414.0	400		Gatineau	QC	CAN	N45 31 19	W075 33 45	FN25FM	358	222	58

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
3V	261.0			House Mountain/Shell Canada	AB	CAN	N55 15 00	W115 30 00	DO25FG	2854	1774	309
3W	244.0			Sable Island/Goldboro	NS	CAN	N45 11 00	W061 39 00	FN95EE	1420	882	78
3W	366.5	400	iw	Zapata Scotian		IW						
3X	243.0	400		Cluff Lake	SK			W109 31 30	DO58FI	2613	1623	319
3Y	234.0	400		Donnelly	AB		N55 42 38	W117 05 59	DO15KR	2963	1841	310
3Z	263.0	400		Russell	MB			W101 17 47	DO90IS	1810	1125	303
3Z	388.0	400		Taber Flort/Models	AB			W112 10 41	DN39VT	2558	1590	297
4A	350.0	400		Ekati/Koala	NT		N64 41 53		DP44QQ	3017	1874	331
4B 4C	280.0 313.0	400		Little Grand Rapids Colomac	MB NT		N52 02 39	W095 27 43 W115 05 43	EO22GB DP24KJ	1494 3183	928 1978	313 328
4C 4D	364.0	400	civ	Helmet	BC		N59 25 18	W115 05 45 W120 47 24	CO99OK	3264	2028	317
4E	344.0	400	CIV	Sable Island/Rowan Gorilla II	NS		N44 02 00		GN04FA	1594	990	83
4E	381.0		neo	6A-381	NL			W048 30 00	GN56RN	2434	1512	72
4F	233.0		9	Sable Island/Galaxy 2 Platform	NS		N43 53 00		FN93VV	1544	959	83
4G	353.0	400		Cross Lake	MB		N54 36 39	W097 45 59	EO14CO	1778	1105	319
4H	368.0	1020		Points North Landing	SK	CAN	N58 16 09	W104 04 48	DO78XG	2328	1446	322
4J	314.0	400		Knee Lake	MB	CAN	N54 53 00	W094 48 00	EO24OV	1646	1023	323
4K	362.0	400		St Theresa Point/Gods Lake	MB	CAN	N53 50 42	W094 50 58	EO23NU	1575	978	320
4L	236.0	1020	civ	Chatham	ON	CAN	N42 18 44	W082 04 40	EN82XH	277	172	231
4M	399.0	400		Red Sucker Lake	MB	CAN	N54 10 08	W093 33 48	EO34FE	1534	953	323
4N	386.0	400		Oxford House	MB	CAN	N54 55 46	W095 16 56	EO24IW	1673	1040	323
40	251.0	400		Swan Hills	AB		N54 40 30		DO24GQ	2838	1763	308
4Q	347.0	400		Brochet	MB		N57 53 10		DO97DV	2186	1359	323
4R	286.0			Halifax/Can. Coast Guard	NS		N44 41 00		FN84LQ	1314	817	80
4T	280.0	400		Shamattawa	MB			W092 05 09	EO35WU	1605	998	330
4U	191.0			Sable Island/Semac 1 Platform	NS			W061 15 00	FN94IN	1454	903	81
4V 4W	371.0 391.0	400		Lac Brochet Kelsey	MB MB		N58 37 17 N56 02 15		DO98GO EO16RA	2226 1813	1383 1126	325 324
4X	386.0	1020		Lac du Bonnet	MB		N50 02 15		EO10XA	1440	895	305
4Y	376.0	400		Key Lake	SK		N57 15 15		DO77EG	2350	1460	318
4Z	196.0	100		Sable Island/Solitaire Platform	NS		N44 35 00		FN94IN	1454	903	81
5A	216.0	1020		Sable Island/Seafox III Platform	NS		N44 48 00		FN94PT	1494	929	80
5B	254.0	400		Summerside	PEI	CAN	N46 23 49	W063 52 54	FN86BJ	1254	779	72
5C	524.0			Sable Island/Exxon Mobil	NS	CAN	N44 48 00	W060 43 00	FN94PT	1494	929	80
5D	370.0			Grand Banks/Terra Nova Platform	NL	CAN	N46 33 00	W048 00 00	GN56XN	2472	1536	72
5F	353.0	400		Fox Creek	AB		N54 22 46	W116 45 36	DO14OJ	2918	1813	307
5I	357.0			Laurie River	MB			W101 00 00	DO96LG	2050	1274	320
5J	328.0	400		Coronation	AB			W111 26 54	DO42GB	2530	1572	302
5K	393.0	400		Tree River	NT			W111 50 00	DP47BO	3254	2022	335
5L	233.0	400		Donaldson/Kattiniq	QC			W073 17 31	FP31IP	2018	1254	10
5M 5N	200.0 284.0	1020 1020		Sparwood/Elk Valley Sable Island/Rowan Gorilla 5 Platform	BC NS			W114 53 04 W060 38 00	DN29NU FN93QU	2753 1510	1711 938	296 84
5O	350.0	400		God's River	MB			W094 04 09	EO24XU	1609		
5P	403.0	400		UNID	טועו	?	1404 00 01	11004 04 00	LOZTAO	1003	1000	0 <b>2</b> 4
5Q	239.0	400		Fontanges	QC		N54 33 36	W071 10 16	FO44JN	1329	826	24
5Q	339.0			Lac Fontanges	QC			W071 10 16	FO44JN	1329	826	24
5R	351.0			Sable Island/M/V Western Monarch	NS			W059 34 00	GN04FB	1592	990	83
5S	353.0			Swimming Point	NT	CAN	N69 06 00	W135 00 00	CP29LC	4182	2599	331
5SF	322.0			Fianarantsoa		MDG	S21 26 24	E047 06 39	LG38NN	14541	9035	81
5SJ	326.0			Mahajanga				E046 20 31	LH34EH	14055	8733	76
5SL	402.0			Maroantsetra				E049 41 00	LH44UN	14295	8882	73
5SM	358.0			Toamasina				E049 23 50	LH41QV	14477	8996	75
5SN	381.0			Nosy Be Fascene				E048 18 36	LH46DQ	14025	8715	72
5SP	282.0			Tolagnaro				E046 57 11	LG34LX	14779	9183	84 95
5SQ 5SB	367.0			Toliara				E043 43 20	LG16UO	14408	8952	85 94
5SR	390.0			Manakara		MDG	322 00 59	E048 01 19	LG47AV	14661	9110	81

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
5SV	397.0			Morondava		MDG	S20 17 16	E044 19 02	LG29DR	14237	8846	82
5T	395.0			Kurk Airstrip	NT	CAN	N69 05 00	W135 09 00	CP29KB	4187	2602	331
5U	261.0	400		Fort Vermilion	AB			W115 57 04	DO28AJ	2966	1843	316
5V	395.0	400		Drumheller	AB		N51 30 09		DO31OM	2612	1623	
5W	226.0	400		Leaf Rapids	MB			W099 59 02	EO06AM	2014	1252	
5Y	338.0	400		Trenton	NS			W062 37 30	FN85QO	1344	835	76
5Z	366.0	400		Oyen	AB			W110 29 18	DO41SI	2453	1524	
6A 6C	381.0	400		Grand Banks	NL		N46 33 00 N46 29 00	W048 30 00	GN56RN	2434	1512 1515	72 72
6E	413.0 387.0	400 400		Grand Banks/Henry Goodrich Platform Grand Manan	NL NB		N46 29 00 N44 42 56	W048 27 00 W066 48 08	GN56SL FN64OR	2438 1013	629	80
6F	367.0	400		Port Hope Simpson	NL		N52 31 13		GO12UM	1958	1217	53
6K	302.0	400		Vernon	BC			W119 15 36	DO00II	3065	1905	
6M	283.0	400		Belleville	ON			W077 18 30	FN14IE	176	109	78
6Q	222.0	400		Cigar Lake	SK		N58 04 11	W104 32 19	DO78RB	2339	1453	
6R	343.0	400		Bromont/E Farnham	QC			W072 47 47	FN35OF	550	342	72
6S	215.0			Burlington	ON		N43 26 00		FN03BK	60	38	
6T	362.0	400		Foremost	AB	CAN	N49 29 02	W111 29 11	DN49GL	2507	1558	296
6X	339.0	400		York Landing	MB	CAN	N56 05 18	W096 05 49	EO16WC	1797	1117	325
6Y	347.0			Poste Montagnais	QC	CAN	N51 53 00	W065 44 00	FO71DV	1353	841	44
6Z	410.0	400		La Loche	SK	CAN	N56 28 42	W109 24 03	DO56HL	2524	1569	314
7 <b>A</b>	245.0			Leismer Gas Plant/Conklin	AB	CAN	N55 44 46	W111 16 35	DO45IR	2608	1621	312
7B	375.0	1020		Saint Thomas	ON			W081 06 20	EN92KS	183	114	228
7C	237.0	400		Fogo	NL		N49 39 42		GN29VP	2018	1254	63
7D	337.0			Hudson Bay	SK			W102 11 12	DO82VU	1944	1208	309
7F	400.0	400		Collins Bay	SK			W103 41 00	DO88DF	2306	1433	
7H	234.0	400		Winterland/Marystown	NL			W055 19 30	GN27ID	1912	1188	71
71 7J	258.0	400		Trout Lake	NT AB			W121 14 30	CP90JK	3316	2061	319
73 7L	261.0 405.0	400 400		Forestburg La Sarre	QC			W112 05 10 W079 10 44	DO32WN FN08JV	2582 558	1604 347	304 2
7E 7P	382.0	1020		Iroquois Falls	ON		N48 42 30	W080 44 09	EN98PQ	544	338	
7T	384.0	1020	iw	Haven A	011	IW	1140 42 00	***************************************	LITOOI Q	011	000	000
7V	233.0	400		Jasper/Hinton	AB		N53 19 16	W117 45 18	DO13CH	2970	1845	304
7X	402.0	1020		Voisey's Bay	NL		N56 20 44		FO86WI	1849	1149	35
8A	310.0	400		Carlyle	SK	CAN	N49 38 44	W102 16 52	DN89UP	1848	1148	298
8C	295.0	400		Fairview	AB	CAN	N56 04 32	W118 26 26	DO06SB	3053	1897	310
8F	239.0	1020		Debert	NS	CAN	N45 25 19	W063 27 35	FN85GK	1278	794	77
8G	286.0	400		Stettler	AB	CAN	N52 18 30	W112 45 16	DO32OH	2622	1629	303
8H	375.0	400		Saint Paul	AB	CAN	N53 59 31	W111 23 26	DO43HX	2565	1594	307
8J	208.0	400		Provost	AB			W110 16 23	DO42UH	2456	1526	
8K	229.0	400		Valleyview	AB			W117 17 19	DO15IA	2962	1841	
8M	414.0	400		Elk Point	AB			W110 46 05	DO43OV	2523	1568	
8N	393.0	400		Edson	AB			W116 27 17	DO13SN	2887	1794	
9A 9C	221.0 368.0	400		Hanna Fort Ligrd/PD Engrav	AB			W111 54 03 W123 28 00	DO41BP	2555 3431	1587	
9G	405.0	400		Fort Liard/BP Energy Sundre	NT AB			W123 28 00 W114 41 00	CP80GG DO21PS	2748	2132 1707	
9H	235.0	400		La Grande 3	QC			W076 12 03	FO13VN	1102	685	11
9H	388.0	1020		UNID	Q.O	?	1100 04 20	W070 12 00	1010111	1102	000	• • •
9NP	350.0	1020		UNID		?						
9Q	291.0	400		Amos	QC		N48 33 27	W078 14 35	FN08VN	527	327	10
9X	227.0	400		Brooks	AB			W111 55 18	DO40AP	2545	1582	
9Y	311.0	400	civ		AB			W113 59 54	DN39AM	2689	1671	
9Z	236.0	400	civ	Westlock	AB			W113 44 53	DO34DD	2720	1690	307
Α	237.5			Ministro Pistarini		ARG	S34 50 30	W058 31 21	GF05RD	8973	5576	163
Α	242.0			Reconquista		ARG	S29 12 40	W059 42 27	GG00DS	8341	5183	162
Α	260.0		civ	Kutaisi				E042 30 30	LN12GE	8860	5505	40
Α	289.0			Warsaw/Babice		POL	N52 17 00	E020 51 00	KO02KG	6913	4296	43

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi I	0
A Call	310.0	<b>HZ</b> 400	pri	Gällivare	3/P	S	N67 07 36	<b>Long</b> E020 51 12	KP07KD	6015	<b>mi</b> 3738	28
Ā	318.0	400	•	Sodankylä		FIN	N67 24 36	E026 36 48	KP37HJ	6212	3860	27
Ā	326.0	400	civ				N43 53 00	E051 02 00	LN53MV	9115	5664	34
A	333.0	400		Tampere/Pirkkala		FIN		E023 40 18	KP11UK	6463	4016	33
A	334.0	100	0.1	Arkhangelsk/Talagi		RUS	N64 36 00	E040 40 00	LP04IO	6902	4289	25
A	338.0		civ	Moscow/Sheremetyevo			N55 58 48	E037 27 42	KO85RX	7462	4637	33
Α	339.0	890		Habana		CUB	N22 58 26	W082 25 56	EL82SX	2337	1452	188
Α	343.0		civ	Budapest/Ferihegy		HNG	N47 27 18	E019 12 38	JN97OK	7144	4439	48
Α	350.0		civ	Belgorod		RUS	N50 39 06	E036 34 00	KO80GP	7849	4877	37
Α	359.0			UNID		?						
Α	365.0		civ	Limanskoe		UKR	N46 39 00	E030 00 00	KN56AP	7823	4861	44
Α	366.0			Deblin		POL	N51 33 04	E021 53 32	KO01WN	7020	4362	43
Α	380.0		civ	Mariupol		UKR	N47 03 30	E037 26 00	KN87RB	8186	5086	39
Α	397.0	400	civ	Hamilton/Alfa	ON			W080 01 43	EN93XE	90	56	211
Α	407.0	400	civ	Jyväskylä		FIN	N62 25 00	E025 39 00	KP22TK	6486	4030	32
Α	415.0			Tartagal			S22 38 09	W063 47 44	FG87CI	7538	4684	164
Α	422.0			Szolnok/Opera			N47 06 24	E020 13 36	KN07CC	7228	4491	48
A	490.0		mil	Almaza			N30 04 26	E031 21 34	KM50QB	9224	5731	55
A	520.0			Bacau			N46 32 39	E026 54 05	KN36KN	7657	4758	45
A	588.0			Kurumoch/Samara			N53 29 06	E050 11 24	LO53CL	8199	5095	29
A	595.0		civ	Chertovitskoye/Vorenezh			N51 48 12		KO91PT	7882	4898	35
A	598.0		CiV	Tirana/Rinas		ALB	N41 26 15	E019 43 15	JN91UK	7595	4719	53
A	607.0		civ	Ashkhabad Zaparazhya/Makraya			N37 59 36	E058 20 00	LM97EX	9993	6209	32
A A	608.0 640.0		CIV	Zaporozhye/Mokraya Deblin			N47 51 00 N51 33 00	E035 18 00 E021 56 00	KN77PU KO01XN	8012 7022	4978 4363	40 43
A	654.0		civ	Astana/Akmola			N51 33 00	E021 36 00 E071 28 00	MO51RA	9120	5667	43 18
Ā	660.0			Kala			N40 25 00	E050 11 00	LN50CK	9396	5839	36
Ā	668.0		civ	Surgut			N61 20 30	E073 26 30	MP61RI	8086	5024	13
A	670.0		civ				N50 16 00	E057 11 00	LO80OG	8761	5444	27
A	670.0		civ	Ivanovo-South/Yuzhny		RUS	N56 58 00	E040 51 30	LO06KX	7526	4676	31
A	672.0		civ	Amderma			N69 46 00	E061 37 00	MP09TS	7007	4354	14
Α	678.0		civ	Kharkiv/Osnova		UKR	N49 55 28	E036 19 17	KN89DW	7896	4906	38
Α	685.0		civ	Krasnoyarsk		RUS	N56 11 00	E092 26 30	NO66FE	8887	5522	5
Α	695.0		civ	Velikie Luki		RUS						
Α	733.0		civ	Abakan		RUS	N53 43 00	E091 22 00	NO53QR	9152	5687	6
Α	741.0		civ	Sochi		RUS	N43 25 30	E039 55 30	KN93XK	8619	5355	40
Α	749.0		civ	Nizhnekamsk/Begishevo		RUS	N55 33 00	E052 04 00	LO65AN	8080	5021	26
Α	763.0		civ	Almaty		KAZ	N43 22 07	E077 04 26	MN83MI	10062	6252	17
Α	820.0			Atyrau			N47 08 09		LN57VD	8847	5498	31
Α	829.0			Ashkhabat/Gorny				E058 20 00	LM98EA	9992	6209	32
A	860.0			Andizhan				E072 17 00	MN60DR	10217	6348	21
A	865.0			Barnaul/Mikhailovka				E083 32 30	NO13SI	9106	5658	10
A	965.0			Kazan				E049 15 12	LO45PO	7971	4953	28
A	995.0			Sukhumi				E041 07 00 E050 03 48	LN02NU	8730	5424	40
A A1	1130.0 264.0	400	CIV	Baku/Bina Taltheilei Narrows	NT			W111 31 08	LN50AK DP42FO	9388 2928	5834 1820	36 326
A5	317.0	400		Chinchaga/Chevron	AB			W111 31 00 W119 06 41	DO07KN	3123	1941	
A9	330.0	1020		Liverpool	NS			W064 51 31	FN74NF	1169	726	83
AA	300.0	1020		Atambua	110		S09 04 28	E124 54 17	PI20KW	15489	9624	
AA	310.0		civ	Aioun El Atrouss				W009 36 01	IK56EQ	7135	4434	91
AA	332.5	0	J. •	Anaa				W145 28 54	BH72GP	9531	5922	
AA	336.0		civ	Aasiaat				W052 47 05	GP38OR	3162	1965	20
AA	341.0			Thomson/McDuffie County/Cedar	GA			W082 36 52	EM83QM	1182		194
AA	355.0			Madrid/Barajas		Е		W003 32 20	IN80FK	6056	3763	65
AA	355.0			Barcelona		Е		E002 03 00	JN11AG	6410	3983	62
AA	359.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AA	365.0	1020		Fargo/Kenie	ND	USA		W096 48 55	EN17OA	1398	869	290
AA	396.0			Abemama		KIR	N00 30 00	E173 51 00	RJ60WM	11303	7023	282
AA	397.0	1020	joi	Tehran/Mehrabad/Aliabad		IRN	N35 38 01	E051 25 04	LM55RP	9899	6151	38
AA	397.0			Miri		MLA	N04 18 22	E113 58 23	OJ64XH	14500	9010	342
AA	402.0	1020	iw	Nam/Noordwinning/Zanddijk K14		IW	N53 16 10	E003 37 39	JO13TG	5864	3644	48
AA	409.0			Accra		GHA	N05 40 34	W000 08 17	IJ95WQ	8719	5418	93
AA	420.0			UNID		?						
AAA	329.0	1020		Lincoln/Abraham	IL	USA	N40 09 37		EN50HD	917	570	247
AAF	349.0	1020	mil	Apalachicola/Army	FL		N29 43 24	W085 01 41	EL79LR	1648	1024	199
AAP	269.0	1020		Houston	TX		N29 44 09	W095 35 25	EL29ER	2123	1319	228
AAQ	205.0	1020		Araraquara		В	S21 48 47		GG58WE	7947	4938	149
AAR	318.5			Arar/Badanah				E041 08 00	LM00NV	9765	6067	48
AAU	329.0	1020	civ	Ashland/Nankin	ОН		N40 57 48	W082 15 12	EN80UX	399	248	216
AAW	445.0	1020		UNID	0.0	?	NI45 00 40	14/000 40 40	ENIOSILI	4500	00.4	000
AB	203.0	1020		Alternation (P. Arresta Alternation)	SD		N45 23 10		EN05UJ	1503	934	283
AB	227.0 290.0	1020		Albany/Putny	GA		N31 27 22		EM71UK	1444	897	199
AB				Abgaig Mya Abramayakiy			N22 54 00	E049 35 00	LL42TV	10976	6820	46
AB AB	291.5 313.0			Mys Abramovskiy Innsbruck/Absam			N66 24 30	E043 16 12 E011 30 06	LP16PJ JN57SG	6842 6681	4252 4151	23 52
AB	317.5		CIV	Alexander Bay			S28 37 08	E016 28 48	JG81FJ	12602	7830	108
AB	323.0	٥	civ	Albi/Le Sequestre		F		E002 03 54	JN13AV	6258	3888	59
AB	333.0	U		Addis Ababa/Bole Intl		ETH		E038 51 45	KJ98KX	11494	7142	63
AB	342.0			Podkamennaya Tunguska				E089 56 30	NP41XO	8272	5140	5
AB	353.0	1020		Abilene/Tomhi	TX		N32 17 56	W099 40 27	EM02DH	2181	1356	241
AB	360.0			Abakan			N53 41 54		NO53QQ	9154	5688	6
AB	381.0	400		Akraberg/Syderø			N61 23 43		IP61PJ	4984	3097	41
AB	393.0	400		Hagfors		S	N59 57 00	E013 35 12	JO69TW	6076	3775	38
AB	400.0		civ	Allentown/Leehi	PA	USA	N40 35 09	W075 32 58	FN20FO	489	304	137
AB	420.0		enr	Atbasar		KAZ	N51 53 00	E068 24 00	MO41EV	8952	5563	20
AB	443.0			UNID		?						
ABA	240.0			Albany		AUS	S34 57 08	E117 48 38	OF85VB	18235	11331	299
ABD	264.0		joi	Damascus International/Abyad		SYR	N33 20 07	E036 25 41	KM83FI	9274	5763	49
ABG	404.0	1020		Big Sandy/Ambassador	TX	USA	N32 35 08	W095 06 47	EM22KO	1853	1151	233
ABL	300.0			Ambalema				W074 46 03	FJ24OS	4358	2708	173
ABM	285.0		civ	Abumusa Island		IRN	N25 52 40	E055 01 23	LL75MV	10999	6834	40
ABN	380.0	_		UNID		?						
ABN	420.0	0		Albenga		1	N44 03 21	E008 13 16	JN44CB	6667	4143	56
ABQ	290.0			Abba		ARS		E049 35 00	LL42TV	10976	6820	46
ABS	268.0	1020		Albaseta		YEM		E043 10 00	LK16OB	11185	6950	55 66
ABT ABU	321.0 330.0	1020	-	Albacete Altenburg/Nobitz		E D	N38 56 39	W001 59 52 E012 31 16	IM98AW JO60GX	6256 6519	3887 4051	66 48
AC	230.0	400	CIV	Yarmouth/Pleasant Lake	NS		N43 51 39	W066 02 37	FN63XU	1077	669	46 86
AC	248.0	700	civ	Nantucket/Waivs	MA		N43 31 39 N41 18 40		FN51AH	828	515	107
AC	320.0		J1 V	Anloc	1717			E107 11 18	OK30OW	13895	8634	
AC	335.0	400	ioi	Hultsfred		S		E015 48 00	JO77VM	6320	3927	40
AC	358.0		•	Waco/Coffi	TX		N31 41 38	W097 12 14	EM11JQ	2060	1280	235
ACD	417.0			Alcobendas		Е		W003 40 35	IN80DO	6038	3752	65
ACE	277.0			Homer/Kachemak	AK		N59 38 29		BO49FP	4987	3099	317
ACJ	355.0	1020		Aracajú		В	S10 59 13		HH19LA	7435	4620	134
ACO	202.0			Atico		PRU	S16 14 37	W073 34 43	FH33FS	6685	4154	174
ACQ	371.0	1020	civ	Waseca	MN	USA	N44 04 13	W093 33 09	EN34FB	1130	702	276
ACZ	379.0	1020		Wallace/Pendy	NC	USA	N34 42 59	W078 00 13	FM04XR	1027	638	173
AD	280.0			Rengat		INS	S00 20 59	E102 20 00	OI19EP	15177	9431	357
AD	288.0	400	civ	Sandane/Anda		NOR	N61 49 46	E006 06 57	JP31BT	5620	3492	38
AD	306.5		mar	Ostrov Askold/ Mys Yelagina		RUS	N42 43 54	E132 30 40	PN62GR	9897	6149	337
AD	327.0			Abidjan Felix Houphouet Boigny Intl		CTI	N05 16 53	W003 55 03	IJ85AG	8447	5249	96

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AD	327.5			Arandis	•		S22 28 00	E014 57 30	JG77LM	12049	7487	104
AD	361.0		civ	Aden International		YEM	N12 52 13	E045 00 20	LK22MU	11587	7200	56
AD	362.0			Adelaide		AUS	S34 56 47	E138 32 46	PF95GB	16635	10336	274
AD	365.0	1020	civ	Sochi		RUS	N43 24 54	E039 55 54	KN93XJ	8620	5356	40
AD	386.0			UNID		?						
AD	407.0		civ	Ashkhabad		TKM	N38 00 18	E058 18 24	LM98DA	9990	6208	32
AD	407.0	1020	civ	Dallas/Brons/Addison	TX		N33 02 40		EM13NB	1932	1201	
AD	422.0		civ	Andizhan				E072 18 00	MN60DR	10215	6348	21
AD	451.0			Aldan			N58 37 06	E125 25 48	PO28RO	8413	5227	347
AD	455.0			UNID		?						
AD	700.0	400*	civ	,				E037 30 06	KO85SX	7464	4638	33
AD	745.0			Astrakhan			N46 21 00	E047 53 00	LN36WI	8749	5436	34
AD ADA	752.0 323.0			Deblin Aguada Crando				E021 53 36 W069 17 00	KO01WN FK50IO	7020 3816	4362 2371	43 162
ADA	345.0	600		Aguada Grande São Pedro da Aldeia		VEIN B		W042 05 48	GG87WE	8313	5165	
ADA	395.0	000	civ	Adana/Sakirpasa		TUR		E035 15 42	KM76PX	8901	5531	48
ADC	366.0		CIV	Aérodrome du Castellet		F		E005 47 14	JN23VG	6552	4071	58
ADC	520.0			UNID		?	1140 10 12	2000 47 14	0112010	0002	4071	00
ADF	275.0	1020		Arkadelphia	AR	-	N34 03 19	W093 06 18	EM34KB	1606	998	232
ADG	278.0	1020		Adrian	MI		N41 52 12		EN71XU	439		241
ADK	530.0	1020	civ	Adak/Mount Moffett	AK			W176 40 34	AO11PU	6768	4206	
ADO	210.0			Puerto Deseado		ARG	S47 44 00	W065 54 34	FE72BG	10237	6361	171
ADR	340.0		civ	Adrar/Touat		ALG	N27 47 07	W000 13 49	IL97VS	7102	4413	76
ADT	365.0	1020		Atwood	KS	USA	N39 50 19	W101 02 42	DM99LU	1842	1145	263
ADU	266.0	1020		Audobon	IA	USA	N41 41 25	W094 54 36	EN21NQ	1286	799	264
ADV	326.0	400	civ	Svalbard/Longyear/Advent		SVB	N78 10 37	E016 00 45	JQ88AE	5391	3350	16
ADX	376.0	400		UNID		?						
ADX	384.0	1020	enr	Andraitx for Palma de Mallorca		Е	N39 32 58	E002 23 45	JM19EN	6539	4063	63
AE	319.0			Ahmedabad		IND		E072 37 09	ML63HB	12062	7495	27
AE	326.0	4000	CIV	Amderma	N 1 N 4		N69 45 24		MP09US	7010	4356	14
AE	351.0	1020		Albuquerque/Double Eagle/Dudle	NM	USA ?	N35 13 02	W106 42 46	DM65PF	2518	1565	257
AE AE	414.0 520.0	1020		UNID Slupsk/Redzikowo			N54 28 44	E017 06 27	JO84NL	6569	4082	42
AEA	373.0	1020	civ	South Hill/Jones	VA			W078 03 11	FM06XO	817	508	171
AEC	209.0	1020	CIV	Warm Springs/Base Camp	NV			W116 16 37	DM18UH	3127	1943	
AED	382.0	.020		UNID		?			2	J		
AEE	391.0	1020		Antlers	OK	USA	N34 11 30	W095 39 07	EM24EE	1763	1095	238
AES	390.0	1020	civ	Northway/Nabesna	AK	USA	N62 57 57	W141 53 18	BP92BX	4429	2752	321
AEU	370.0			UNID		?						
AEY	329.0	1020		Waverly	TN	USA	N36 06 58	W087 44 29	EM66DC	1115	693	222
AF	291.5		mar	Mys Afrika		RUS	N56 10 30	E163 18 30	RO16PE	7460	4636	327
AF	369.0		iw	British Gas/Rough AP		IW	N53 49 32	E000 28 19	JO03FT	5649	3510	49
AF	419.0	1020		Archerfield			S27 34 13		QG62MK	15035	9343	
AFD	400.0			Watford City	ND			W103 15 30	DN87IT	1891	1175	
AFE	223.0	400		Kake	AK			W133 54 43	CO36BX	4007	2490	
AFK	347.0	1020	CiV	Nebraska City	NE		N40 36 20	W095 51 39	EN20BO	1400	870	261
AFO	360.0			UNID		?	NOT 04 40	MOOO 54 50	LIOENII	0547	5000	0.5
AFO AFD	393.0	1000		Afienou	NIC	CTI		W002 54 59	IJ85NJ	8517	5292	95
AFP AFS	283.0 270.0	1020 1020		Wadesboro/Anson Co Afonsos/Rio de Janeiro	NC			W080 04 59 W043 22 01	EM95XA GG87HD	986 8259	613 5132	
AFS AG	233.0	1020		Alonsos/Rio de Janeiro Aek Godang		B INS		E099 25 54	NJ91RJ	8259 14986	9312	146 2
AG	233.0	1020	civ	Augusta/Bushe	GA			W081 56 49	EM93AG	1197		191
AG	249.5	1020	CIV	Agra	<u>ح</u> ر		N27 09 01	E077 57 55	ML87XD	11809	7338	21
AG	253.0		enr	Yeniseysk				E092 07 06	NO68BL	8632	5364	5
AG	296.5			Ras Aiguille				W000 29 12	IM95SV	6554	4073	68
AG	321.0			Abuja			N09 01 41		JJ39PA	9060	5630	86
				•								

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AG	325.0	112	•	Sembawang	O/I		N01 25 24	E103 49 24	OJ11VK	14974	9304	355
AG	381.0		enr	Agoy			N44 08 00	E039 02 00	KN94MD	8512	5289	41
AG	399.0		pri	Quasiawira			N22 41 24	E055 31 18	LL72SQ	11327	7038	42
AG	400.0	0	•			F	N44 09 06	E000 40 30	JN04ID	6148	3820	60
AG	480.0	1020	0	UNID		?			0.102	0.10	00_0	
AG	592.0			Morozovsk		-	N48 21 00	E041 48 00	LN08VI	8292	5152	36
AG	752.0			UNID		?						
AGA	391.0		civ	Agadir/Inezgane		MRC	N30 23 12	W009 34 36	IM50FJ	6199	3852	79
AGB	318.0	1020		Augsburg		D	N48 25 27		JN58LK	6576	4086	51
AGG	245.0			Leguas/ Agualeguas		MEX	N26 20 00	W099 32 27	EL06FH	2659	1652	
AGG	429.0			Agalega		MAU		E056 36 00	LH89HP	14397	8946	62
AGI	205.0			Araguaína		В	S07 14 01	W048 14 20	GI52VS	6475	4024	143
AGN	310.0	1020		Alagoinhas		В	S12 09 10	W038 23 22	HH07TU	7470	4642	136
AGO	266.0	1020	civ	Magnolia	AR	USA	N33 13 37	W093 12 55	EM33JF	1681	1045	230
AGO	404.0	0		Angoulême/Brie Champniers		F	N45 42 12	E000 25 36	JN05FQ	6046	3757	58
AGU	305.0			Monteagudo		BOL	S19 49 57	W063 57 51	FH80AE	7231	4493	164
AGV	225.0			Acarigua		VEN	N09 33 06	W069 13 58	FJ59JN	3932	2444	162
AGZ	392.0	1020		Wagner	SD	USA	N43 03 45	W098 17 32	EN03UB	1523	947	273
AH	321.0			Antalaha		MDG	S14 59 43	E050 19 08	LH55DA	14309	8891	72
AH	337.0	1020	joi	Alghero		1	N40 41 54	E008 19 53	JN40DQ	6885	4278	59
AH	417.0	400	mil	Ängelholm/Barkåkra		S	N56 16 00	E012 54 12	JO66KG	6238	3876	42
AH	1390.0			UNID		?						
AHH	278.0	1020	civ	Amery/Ameron	WI	USA	N45 16 53	W092 22 17	EN35TG	1036	644	283
AHO	373.0		iw	Amerada Hess AH001		IW	N58 11 25	E000 06 41	JO08BE	5448	3385	44
AHQ	400.0	1020	civ	Wahoo	NE	USA	N41 14 21	W096 35 54	EN11QF	1435	892	264
AHT	379.0			Amchitka Island	AK	USA	N51 22 47	W179 15 30	AO01IJ	6945	4316	316
AHX	269.0	1020	civ	Athens	TX	USA	N32 09 34	W095 49 49	EM22CD	1933	1201	233
Al	288.0		enr	Akchi		KAZ	N43 58 20	E076 20 09	MN83EX	9980	6201	17
Al	320.0		mar	São João		В	S01 16 53	W044 54 12	GI78NR	6070	3771	136
ΑI	320.0			Aitutaki		CKH	S18 49 29	W159 46 25	BH01CE	10693	6644	250
Al	330.0		civ	Alicante		Ε	N38 17 54	W000 39 30	IM98QH	6393	3972	66
Al	368.0			UNID		?						
Al	371.0	1020	civ	Anderson/Video	IN			W085 30 38	EN70FB	657	408	232
Al	390.0		civ	El Aaiun			N27 08 58	W013 11 15	IL37JD	6120	3803	84
Al	396.0	1020	civ	Aveiro			N40 36 00	W008 43 16	IN50PO	5666	3521	68
Al	400.0	1020		Ardmore/Addmo	OK			W096 55 59	EM14MF	1848	1148	
Al	402.0		iw	Nam/Noordwinning/Zanddijk FA-1		IW	N53 14 53	E003 59 15	JO13XF	5887	3658	48
Al	430.0		civ	Tura				E100 13 00	OP04CG	8012	4979	0
AIG	347.0	1020		Antigo	WI			W089 06 50	EN55KD	780	485	
AIK	347.0	1020	CIV	Aiken	SC		N33 39 07	W081 40 37	EM93DP	1153	717	190
AIM	338.0			UNID		?	NO4 44 55	E055.00.45	117475	44400	00.40	4.4
AIN	399.0	4000		Al Ain International				E055 36 15	LL74TF	11183	6949	41
AIO	365.0	1020		Atlantic	IA			W095 02 47	EN21LJ	1306	811	
AIT	397.0	1020	CIV	Alternative	MN		N46 32 51		EN36DN	1153		290
AIV	254.0		ci.	Aliceville Mekenyuk/Nepwek	AL			W088 11 08	EM53VC	1417		215
AIX AIZ	323.0	1020	CIV	Mekoryuk/Nanwak	AK MO			W166 12 53 W092 33 11	AP60VJ	5740 1274	3567	321 244
AIZ AJ	377.0 306.5	1020	mar	Kaiser/Lake Ozark	IVIU			E031 33 42	EM38RC KP59SU	6225	3868	
AJ AJ	334.0			Ostrov Bol'shoy Aynov Krasnoyarsk				E031 33 42 E092 24 24	NO66EE	8886	5521	23 5
AJ AJ	365.0			Aghajari		IRN		E092 24 24 E049 41 00	LM40US	10262	6376	5 42
AJ AJ	369.0		þΠ	Anjouan Ouani			S12 07 55	E049 41 00 E044 25 43	LM4003 LH27FU	13634	8472	42 74
AJ AJ	430.0			Staritsa				E044 25 43 E034 56 00	KO76LM	7309	4542	34
AJ AJ	430.0 475.0			Kanatovo				E034 56 00 E032 23 00	KN68EP	7309	4845	
AJ AJ	482.0			UNID		?	14 <del>7</del> 0 30 00	LUJZ ZJ UU	NINOOLF	1130	<del>-1040</del>	<del>+</del> 1
AJA	385.0		civ	Mt Macajna			N13 27 19	E144 44 13	QK23IK	12242	7607	314
AJA AJF	355.0			Al Jouf				E040 04 36	LL09AT	9798	6088	
AJI.	333.0		JUI	Al Jour		703	1423 +1 30	LUTU U4 30	LLUJAI	9190	0000	+5

Call	kHz	Hz	Т	Station	S/P	ITU	1.04	Lore	Las	lens	mi	0
AJG	524.0	1020	civ	Mount Carmel/St Francisville	IL		N38 36 43	<b>Long</b> W087 43 34	Loc EM68DO	<b>km</b> 907	<b>mi</b> 564	
AJR	347.0	1020	civ	Cornelia/Habersham/Baldwin	GA			W087 43 34 W083 33 00	EM84FM	1101	684	
AJX	344.0	1020	CIV	Ash Flat	AR		N36 10 50		EM46EE	1343	834	
AK	221.0	1020		Astra Kesetra	7 11 1	INS	S04 36 45	E105 13 53	OI25OJ	15628	9711	
AK	276.0			Akure			N07 13 37		JJ27PF	9037	5616	88
AK	308.0		mar	Table d'Oukacha/Casablanca				W007 33 48	IM63FO	6155	3824	75
AK	317.0			Ambatondrazaka			S17 48 04	E048 25 59	LH42FE	14379	8934	76
AK	318.0		civ	Astana/Akmola		KAZ	N51 03 36	E071 31 34	MO51SB	9118	5666	18
AK	340.0			UNID		?						
AK	341.0	1020	civ	Oakland/Roray	CA	USA	N37 43 17	W122 11 39	CM87VR	3629	2255	274
AK	355.0	1020	civ	King Salmon/Saldo	AK	USA	N58 44 14	W156 46 40	BO18OR	5304	3296	317
AK	360.0		civ	Abakan		RUS	N53 46 00	E091 24 18	NO53QS	9147	5684	5
AK	362.0	1020	civ	Akron	ОН	USA	N41 04 11	W081 23 15	EN91HB	352	219	208
AK	380.0			Akeno		J	N34 31 40	E136 41 48	PM84IM	10582	6576	331
AK	381.0			UNID		?						
AK	386.0		iw	Shell Expro/Auk Alpha		IW	N56 24 00	E002 03 43	JO16AJ	5630	3498	45
AK	432.0			UNID		?						
AK	682.0			Maykop				E040 06 00	LN04BP	8523	5296	40
AK	797.0			Khorol			N44 27 00	E132 06 18	PN64BK	9732	6047	338
AK	1130.0	1020		Aleksandrovka			N49 35 00	E044 19 00	LN29DN	8302	5158	34
AKC	392.0		civ	Trabzon				E039 28 09	KN91RC	8793	5464	
AKI	250.0			Anduki				E114 22 18	OJ74EP	14455	8982	
AKL	407.0	1020		Haskell	TX			W099 43 12	EM03DE	2120	1317	
AKP	348.0	4000	CIV	Anaktuvuk Pass	AK			W151 44 39	BP48DD	4852	3015	
AKQ	274.0	1020	<b>-</b> :	Wakefield	VA		N36 59 00		FM16LX	795	494	
AKU	432.0	400		Ivalo/Akujarvi	A 1/	FIN		E027 36 53	KP38TQ	6170	3834	25
AKW AL	229.0 215.0	1020 1020	CIV	Klawock Halim Perdanakusuma	AK	INS	S06 11 38	W133 04 46 E107 02 24	CO35LN OI33MT	3965 15779	2464 9805	
AL	218.0	1020	civ	Alton/Alpos	IL			W089 56 18	EM58AU	1039	646	
AL	219.0	1020		Albany/Hawky	NY			W073 48 38	FN32CT	473	294	
AL	247.0	1020	CIV	Alabat	141			E121 55 27	PK04XF	13215	8211	
AL	303.5		mar	Great Pass Low/Alexandria				E029 50 48	KM41WD	9037	5615	55
AL	303.5			Mys Alevina				E151 21 00	QO58QT	7701	4785	
AL	309.5			Algiers				E003 04 48	JM16MS	6761	4201	66
AL	326.0			Ivanovo-South/Yuzhny				E040 51 30	LO06KX	7526	4676	31
AL	326.0			Baykit				E096 30 00	NP81GQ	8292	5152	2
AL	342.0	1020		Miroslawiec			N53 20 00	E016 05 00	JO83BH	6583	4091	44
AL	353.0	1020	civ	Walla Walla/Trina	WA	USA	N46 10 32	W118 11 46	DN06VE	3033	1884	289
AL	355.0			UNID		?						
AL	359.0		joi	Salamanca		Ε	N41 01 51	W005 26 49	IN71GA	5884	3656	66
AL	379.0			Embakasi		KEN	S01 22 34	E036 55 09	KI88LO	12203	7582	72
AL	382.0	1020	civ	Waterloo/Price	IA	USA	N42 37 20	W092 30 34	EN32RO	1068	664	267
AL	384.0		enr	Alushta		UKR	N44 40 30	E034 23 54	KN74EQ	8220	5108	43
AL	385.0		civ	Malolo		FJI	S17 49 32	E177 23 13	RH82QE	12408	7710	266
AL	398.0	400	civ	Ålesund/Vigra/Lepsoy		NOR	N62 35 46	E006 13 17	JP32CO	5595	3476	37
AL	406.0			UNID		?						
AL	430.0			Aldan				E130 23 00	PP53EH	7831	4866	346
AL	441.0			Turukharnsk				E087 53 00	NP35WS	7798	4846	6
AL	443.0	1020		Almaty				E077 06 08	MN83NJ	10061	6252	17
AL	451.0		enr	Aldan			N58 37 06	E125 25 48	PO28RO	8413	5227	347
AL	730.0			UNID		?						
AL	735.0			UNID		?	NET 10.00	E000 00 00	K0071:5	7000	4500	
AL	750.0			Dorokhovo				E036 39 00	KO87HR	7290	4530	32
ALA	270.0		CİV	Allajärvi/Menkijärvi		FIN		E023 31 08	KP12SW	6363	3954	
ALB	519.0			Albaran		E		W003 02 12	IM85LW	6359	3951	70
ALC	230.0			Alcântara		В	502 22 53	W044 23 58	GI77TO	6203	3854	136

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ALC	429.0	ПZ		Alicante	J/F	E E		W000 33 05	IM98RG	6401	3978	66
ALD	383.0	400		Alderney		G		W000 33 03 W002 11 59	IN89VR	5668	3522	55
ALE	396.0	100		Aleppo			N36 11 10	E037 13 24	KM86OE	9082	5643	47
ALG	293.0	1020	,	Ciudad del Este				W054 45 44	GG24OP	8073	5016	
ALG	382.0	1020	joi	Alghero		I	N40 38 24		JN40DP	6886	4279	59
ALG	438.0		,	UNID		?						
ALI	310.0		joi	Cairo		EGY	N30 10 01	E031 23 06	KM50QE	9218	5728	55
ALJ	233.0	400	•	Johnstone Point	AK	USA	N60 28 53	W146 35 31	BP60QL	4701	2921	317
ALM	341.0	1020	civ	Alamogordo	NM	USA	N32 51 01	W105 58 53	DM72AU	2606	1619	251
ALM	430.0	0	mil	Aix-en-Provence/Les Milles		F	N43 30 28	E005 21 38	JN23QM	6507	4044	58
ALM	584.0			UNID		?						
ALN	386.0			UNID		?						
ALP	245.0	1020	civ	Elmira/Alpine	NY	USA	N42 14 19	W076 45 50	FN12OF	286	178	129
ALP	351.0		joi	Alexandroupolis/Dimokritos		GRC	N40 51 24	E025 56 37	KN20XU	8028	4989	50
ALS	396.0	400	civ	Agadir/Al Massira		MRC	N30 19 13	W009 19 10	IM50IH	6223	3867	79
ALS	422.5	1020	civ	Alessándria		- 1	N44 55 00	E008 37 00	JN44HW	6641	4126	55
ALU	380.0	1020	civ	Alliance	NE	USA	N42 02 35	W102 47 58	DN82OB	1909	1186	272
ALU	401.0		civ	Al Hoceima/Cherif Al Idrissi		MRC	N35 10 52	W003 50 40	IM85BE	6344	3942	71
ALV	438.0	400		UNID		?						
ALW	327.0		iw	TotalFinaElf Exploration/North Alwyn		IW	N60 48 32	E001 44 09	JP00UT	5439	3379	40
AM	251.0	1020	civ	Amarillo/Pande	TX	USA		W101 48 20	DM95CD	2144	1332	251
AM	278.0			Amahai		INS	S03 20 51	E128 55 32	PI46LP	14722	9148	320
AM	284.0		civ	Almería		Ε		W002 14 24	IM86VV	6362	3953	68
AM	294.0			Gialam		VTN		E105 51 41	OL20WX	12800	7953	
AM	298.0			Malacca			N02 15 59	E102 15 12	OJ12DG	14888	9251	358
AM	325.0			Markovo				E170 18 36	RP54DQ	6543	4065	
AM	325.0			Surgut				E073 30 24	MP61SI	8087	5025	13
AM	388.0	1020	CIV	Tampa/Picny	FL		N27 51 40	W082 32 45	EL87RU	1801	1119	
AM	395.0			Ambriz			S07 50 00	E013 06 00	JI62NE	10814	6720	94
AM	475.0			Kazan				E049 12 30	LO45OP	7968	4951	28
AM	1005.0		Civ	Irkutsk/Nikola			N51 54 00	E 104 49 00	OO21JV	9382	5830	357
AM AMA	1250.0 314.0		CIV	Yuzhny Alamyshik UNID		KGZ ?						
AMA	335.0			UNID		?						
AMB	341.0	0	civ	Amboise		r F	N47 25 05	E001 02 28	JN07MK	5996	3726	56
AMB	359.0	O	CIV	Amberley		AUS	S27 38 56	E152 43 25	QG62II	15064	9360	
AMB	360.0			Cahchoan/Ambato				W078 34 36	FI08RS	4997	3105	
AMD	371.0		iw	Amoco/Rijn		IW	001 12 40	VV070 04 00	1 100110	4007	0100	170
AME	334.0			Amendola		1	N41 30 00	E015 50 16	JN71WM	7338	4560	55
AME	371.0			Amoco Rijn E		IW	N52 10 21		JO12WE	5933	3687	50
AMF	371.0		iw	Amoco Rijn F		IW		E003 41 10	JO12UH	5915	3676	50
AMF	403.0			Ambler	AK	USA		W157 51 29	BP17BC	5125	3185	
AMK	206.0	1020		Andamooka		AUS	S30 27 13	E137 10 00	PF89ON	16480	10240	283
AML	367.0	400	joi	Andravida/Amalias		GRC	N37 46 29	E021 20 48	KM07QS	7966	4950	55
AML	402.0	400	-	Agadir/Al Massira		MRC	N30 19 25	W009 27 17	IM50GH	6212	3860	79
AMN	310.0	1020	civ	Almería		Ε	N36 50 54	W002 22 45	IM86TU	6353	3948	68
AMN	329.0	1020	civ	Alma	MI	USA	N43 19 24	W084 47 07	EN73OH	435	270	263
AMO	371.0		iw	Amoco Rijn G		IW	N52 13 24	E003 44 27	JO12UF	5923	3680	50
AMP	275.0		civ	Amapá		В	N02 04 08	W050 51 38	GJ42NB	5425	3371	141
AMP	371.0		iw	Amoco Rijn A		IW	N52 07 39	E003 56 21	JO12XD	5940	3691	50
AMT	359.0	1020	civ	West Union	ОН	USA	N38 51 21	W083 33 50	EM88FU	657	408	213
AN	211.0	1020	civ	Anniston/Bogga	AL	USA	N33 32 04	W085 55 51	EM73AM	1280	795	208
AN	228.0		civ	Sanaa International		YEM	N15 33 24	E044 13 12	LK25CN	11300	7022	55
AN	245.0	1020		San Diego/Boing/North Island NAS	CA	USA		W117 12 57	DM12JR	3490	2169	262
AN	268.0	1020		Aguni		J	N26 35 37	E127 14 10	PL3600	11740	7295	335
AN	285.0		civ	Ankara/Esenboga		TUR	N40 03 42	E032 56 00	KN60LB	8511	5288	47

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AN	294.0	112	•	Hiva Oa	I O/F		S09 45 08	W139 00 04	CIOOLF	8436	5242	
AN	300.5		mar	Akhilleonskiy			N45 27 00	E036 49 00	KN85JK	8286	5149	41
AN	306.0		mai	Abidjan Felix Houphouet Boigny Intl		CTI		W003 53 26	IJ85BI	8444	5247	96
AN	368.0	1020	civ	San Antonio/Alamo	TX		N29 36 18	W098 34 17	EL09RO	2319	1441	233
AN	381.0			Arvidsjaur		S	N65 38 18	E019 09 06	JP95NP	6028	3745	30
AN	385.0			Ann		BRM	N19 46 13	E094 02 25	NK79AS	12924	8031	7
AN	402.0			Kuching		MLA	N01 43 06	E110 18 33	OJ51DR	14860	9233	347
AN	412.0		civ	Abu Dhabi International		UAE	N24 27 00	E054 37 39	LL74HK	11113	6905	42
AN	415.0			Anuradhapura		CLN	N08 18 13	E080 25 47	NJ08FH	13881	8625	24
AN	422.0		civ	Andizhan		UZB	N40 41 54	E072 15 00	MN60DQ	10218	6349	21
AN	430.0			UNID		?						
AN	443.0	1020	civ	Anapa/Vityazevo		RUS	N44 58 06	E037 18 18	KN84PX	8352	5190	41
AN	472.0			UNID		?						
AN	718.0	1020	civ	Belgorod		RUS	N50 39 54	E036 31 36	KO80GP	7846	4875	37
ÄN	454.0			UNID		?						
ANA	338.0			UNID		?						
ANA	345.0			Santa Ana del Yacuma		BOL	S13 45 35	W065 25 52	FH76GF	6541	4064	164
ANA	349.5		iw	Ranger/Anglia Alpha		IW	N53 22 03	E001 39 07	JO03TI	5741	3567	49
ANA	380.0			Contamana			S07 20 43	W075 00 19	FI22LP	5692	3537	
ANB	366.0			Annaba/El Mellah		ALG	N36 49 05	E007 48 09	JM36VT	7101	4412	63
ANC	374.5	1020	joi	Ancona				E013 28 20	JN63RO	7043	4377	54
AND	230.0	1020	civ	Anderson	SC		N34 29 53		EM84PL	1080	671	196
AND	290.0	4000		Andahuaylas			S13 42 35	W073 21 00	FH36HG	6408	3982	173
AND	351.0	1020		UNID		?	1100 40 40	E044 E0 00		0.40.4	<b>57</b> 40	40
AND	1220.0		enr	Andranik			N39 49 49	E044 59 33	LM29LT	9194	5713	40
ANG	209.0		<b>-</b> :	Wallblake	A 1.2	AlA		W063 05 37	FK88KF	3234	2010	
ANI ANK	359.0 356.0			Aniak	AK		N61 35 25 N39 57 11	W159 35 52 E032 49 41	BP01EO KM69JW	5358 8513	3329 5290	321 47
ANP	415.0	1020	CIV	Ankara/Esenboga		В		W049 02 25	GH53LQ	7351	4568	
ANQ	347.0	1020	civ	Anapolis Angola	IN			W049 02 23 W085 05 13	EN71KP	524	326	
ANR	245.0	1020		Andrews	TX		N32 20 55	W102 32 11	DM82RI	2383	1481	
ANR	415.5	1020	iw	BP/Andrew	17	IW	N58 02 49	E001 24 10	JO08QB	5525	3433	43
ANS	452.0	1020		Ansbach		D	N49 18 35	E010 37 58	JN59HH	6505	4042	50
ANU	351.0			V. C. Bird			N17 07 39	W061 48 30	FK97CD	3401	2113	
ANV	365.0	1020	civ	Anvik	AK		N62 38 29	W160 11 24	AP92VP	5353	3326	
ANY	343.5	400		Andøya			N69 19 06	E016 06 07	JP89BH	5731	3561	27
AO	280.0	1020	,	Arorae		KIR	S02 34 00	E176 50 00	RI87KK	11306	7025	278
AO	282.0	1020	mil	Szolnok/Opera		HNG	N47 04 54	E020 12 42	KN07CB	7229	4492	48
AO	371.0		iw	Nam FA1		IW	N53 30 00	E003 22 13	JO13QM	5838	3628	48
AO	499.0			UNID		?						
AOA	215.0			Alabaster/Calera	AL	USA	N33 07 06	W086 46 02	EM63OC	1354	842	210
AOC	200.0	1020		Arco	ID	USA	N43 35 57	W113 20 32	DN33HO	2710	1684	281
AOP	290.0	1020		Rock Springs/Antelope	WY			W109 00 06	DN51LO	2419	1503	
AOV	341.0	1020		Ava/Bilmart	MO		N36 58 11	W092 40 39	EM36PX	1357		240
AP	206.0	1020	civ	Alpena/Felps	MI			W083 33 36	EN84FX	347		291
AP	230.0	1020		Taupo			S38 44 36	E176 04 27	RF81AG	13893	8633	
AP	250.0			Anpu				E121 31 22	PL05SE	12064	7496	
AP	260.0	1020	CİV	Denver/Casse	CO			W104 50 45	DM79NK	2162	1343	
AP	270.0			Apiay				W073 28 30	FJ34GB	4451	2766	
AP	289.0			Chertovitskoye/Vorenezh			N51 46 36	E039 18 06	KO91PS	7887	4901	35
AP	312.5		mar	Mys Anapskiy			N44 52 54	E037 17 36	KN84PV	8358	5194	41
AP	320.0			UNID		?	NOE 00 04	E004 44 50	NII OELII	10000	7544	40
AP	328.0	1000	ci.	Allahabad	B 4 B 1	IND	N25 28 01	E081 41 53	NL05UL	12088	7511	18
AP	338.0	1020		Minneapolis/Vagey	MN			W093 18 21	EN34IT	1107 5410	688	
AP AB	370.5	400	mii	Aberporth	PC	G		W004 33 35	IO72RC	5410 3360	3361	52 205
AP	378.0	1020		Active Pass/Mayne Island	BC	CAN	1V40 DZ ZO	W123 17 24	CN88IU	3369	2093	295

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AP	443.0	1020	civ	Anapa/Vityazevo		RUS	N45 02 06	E037 23 30	KN85QA	8351	5189	41
APB	240.0			Apolo		BOL	S14 40 57	W068 24 55	FH55TH	6582	4090	168
APC	293.0			UNID		?						
APD	313.0			UNID		?						
APF	201.0		civ	Naples	FL	USA	N26 09 20	W081 46 28	EL96CD	1979	1230	187
APG	349.0	1020	civ	Aberdeen Proving Ground	MD	USA	N39 32 06	W076 06 23	FM19WM	559	347	149
APH	396.0	1020	mil	Fort A.P. Hill (Army)	VA		N38 05 16	W077 19 30	FM18IC	670	416	164
APL	597.5			UNID		?						
APO	388.0	1020	mil	Apollo/Johnston Island (AF)			N16 43 36	W169 32 48	AK56FR	8747	5435	282
APT	382.0	1020		Jasper	TN		N35 03 35	W085 35 02	EM75EB	1113	692	210
AQ	264.0			Barranquilla			N10 52 18		FK20OU	3687	2291	172
AQ	330.0			Qurna		IRQ		E047 26 00	LM31RA	10115	6285	43
AQ	336.0	400		Aberdeen		G	N57 08 18		IO87TD	5345	3322	46
AQ	404.0	4000	CIV	Aqaba	14/1			E035 00 25	KL79MN	9500	5903	53
AQ	407.0	1020		Appleton/Kooky	WI		N44 12 57		EN54TF	717	446	276
AQA	418.0			Agaba			N30 13 35	E035 13 17	KM70OF	9460	5878	52 52
AQC AQE	326.0 230.0	1020	CIV	Aqaba Greenville/Alwood	NC		N29 54 08 N35 42 25	E035 07 08 W077 22 19	KL79NV FM15HQ	9480 927	5891 576	52 168
AQE AQP	250.0 356.0	1020		Appleton	MN		N45 13 42		EN15XF	1321	821	282
AR	187.0	1020	civ	Artemovsky	IVIIN		N57 20 00		MO07XH	8225	5111	202
AR	260.0	1020	CIV	Carrasco			S34 49 24		GF15XE	9035	5614	161
AR	269.0	1020		New Iberia/Acadi	LA		N29 57 23	W091 51 48	EL49BW	1897	1178	220
AR	290.0	1020	civ	Warsaw/Babice	LA			E020 55 00	KO02LG	6918	4299	43
AR	300.0		0.1	Ryazan-Dyagilevo				E039 34 00	KO94SP	7663	4762	33
AR	314.0			UNID		?						
AR	315.0			Iswahyudi		INS	S07 39 53	E111 26 03	OI52RI	15853	9851	342
AR	323.0		iw	Petroland B		IW	N53 36 33	E004 12 24	JO23CO	5883	3655	48
AR	326.0		civ	Atar		MTN	N20 30 08	W013 03 33	IL30LM	6584	4091	90
AR	334.0	1020	civ	Akureyri		ISL	N65 45 21	W018 05 22	IP05WS	4380	2722	35
AR	343.0	0	civ	Aurillac		F	N44 57 24	E002 22 12	JN14EW	6220	3865	58
AR	351.0			Amritsar		IND	N31 42 31	E074 48 52	MM71JR	11235	6981	22
AR	356.0	1020	civ	Providence/Armin	RI	USA	N41 48 37	W071 21 11	FN41HT	702	436	107
AR	391.0			Arusha		TZA		E036 37 13	KI86HP	12339	7667	74
AR	402.0			Point a Pitre/Le Raizet		GDL			FK96EG	3493	2170	146
AR	428.0		civ	Barnaul/Mikhailovka				E083 36 42	NO13TJ	9105	5658	10
AR	441.0			Turukharnsk				E087 30 00	NP35SS	7795	4844	6
AR	518.0		enr	Arkalyk				E066 57 36	MO30LH	9071	5637	21
AR	600.0	1020		Warsaw/Babice			N52 17 00	E020 51 00	KO02KG	6913	4296	43
AR	742.0		ois r	UNID		?	NE2 22 E4	E002 26 40	NO42T I	0105	EGET	10
AR	865.0	1020		Barnaul/Mikhailovka				E083 36 48 E036 48 00	NO13TJ KO85JX	9105	5657	10
AR ARA	1080.0 265.0	1020	enr	Buzharovo Araçatuba		RUS B		W050 25 36	GG48SU	7433 7786	4619 4838	33 151
ARA	365.0			Araracuara				W072 23 45	FI39TJ	4979	3094	
ARA	393.0		iw/	Amoco/Arbroath Alpha		IW		E001 22 54	JO07QI	5551	3449	44
ARB	289.0	1020		Tortoli/Arbatax		1		E009 40 43	JM49UW	7029	4367	59
ARB	355.0		•	Ardabil		IRN		E048 24 55	LM48EH	9502	5904	38
ARB	363.0			UNID		?						
ARD	517.0	1020	civ	Arad		ROU	N46 11 02	E021 08 42	KN06NE	7347	4565	48
ARE	505.0			Arezzo/Luciano Centini		ı		E011 50 50	JN53WK	6946	4316	55
ARF	296.0	1020	civ	Albertville/Saratoga	AL	USA		W086 13 25	EM64VG	1219	758	
ARF	383.5	1020		Topel		TUR	N40 43 58	E030 05 04	KN50BR	8289	5150	48
ARG	230.0	1020		Conceição do Araguaia		В	S08 21 13	W049 17 57	GI51IP	6536	4062	144
ARI	289.0		civ	Agri		TUR	N39 40 09	E043 01 19	LM19MQ	9105	5658	41
ARK	280.0		civ	Arak		IRN	N34 08 05	E049 50 57	LM44WD	9959	6188	40
ARL	293.0			Arlit				E007 22 00	JK38QS	8337	5181	78
ARM	245.0	1020	civ	Wharton	TX	USA	N29 15 17	W096 09 07	EL19WG	2199	1366	228

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ARM	344.0		mil	Armilla		E	N37 04 25	W003 48 08	IM87CB	6233	3873	69
ARM	401.0			Armidale		AUS	S30 31 40	E151 36 55	QF59TL	15333	9528	271
ARN	291.0	1020	enr	Arbancón		Ε	N40 57 54	W003 07 18	IN80KX	6057	3764	65
ARN	340.0		iw	Chevron/Alba Northern		IW	N58 03 29	E001 04 46	JO08MB	5507	3422	44
ARS	310.0			Alto Rio Senguerr		ARG	S45 00 59	W070 48 04	FE44OX	9886	6143	174
ARS	398.0			Ardrossan			S34 24 51	E137 55 23	PF85XO	16656	10349	
ARU	215.0			Alturas	CA			W120 33 27	CN91RL	3344	2078	
ARV	221.0	1020		Minocqua/Arbor Vitae	WI		N45 55 36	W089 43 43	EN55DW	841	523	
ARW	355.0			Brâhîmat			N34 59 32	W003 02 43	IM84LX	6417	3987	71
ARW	580.0			UNID		?						
ARX	210.0	550		Araxá		В	S19 33 40	W046 57 53	GH60MK	7768	4827	147
AS	240.0	4000		Cali				W076 23 09	FJ13TM	4483	2786	
AS	254.0	1020		Ashburton		NZL	S43 54 17		RE56VC	14483	8999	
AS	285.5			Castellón/Muelle Pesquera		E		E000 01 12	JM09AX	6342	3941	64
AS	294.5		mar	Poronaysk				E143 06 42	QN19NF	8890	5524	
AS AS	300.0 305.0		oiv	Punta Arenas Asmara		CHL ERI	N15 16 57	W070 49 16 E038 53 57	FD46OX KK95KG	10768 10966	6691 6814	175 59
AS AS	324.0	400		Kemi-Tornio		FIN	N65 40 30	E036 33 37 E024 23 24	KP25EQ	6233	3873	29
AS AS	335.0	400	CIV	Alice Springs			S23 46 41	E024 23 24 E133 52 25	PG66WF	16252	10099	
AS	340.0			Agades			N16 57 23	E007 58 29	JK36XW	8520	5294	79
AS	358.0		nri	Arvidsjaur		S	N65 33 48	E019 22 18	JP95QN	6040	3753	30
AS	359.0	1020	•	Nashua/Chern/Amherst	NH			W071 36 08	FN42ET	648	402	98
AS	392.0	0		Angers/Marce	INII	F	N47 32 12		IN97QM	5877	3652	56
AS	397.0	J	OIV	Sanana		INS	S02 05 41	E125 57 50	PI27XV	14743	9161	325
AS	399.0			Atang Senjaya		INS	S06 32 18	E106 45 19	OI33JL	15821	9831	350
ASG	390.0			Ascencion de Guarayos			S15 46 06	W063 03 55	FH84LF	6814	4234	
ASI	395.0			Adami			S34 47 22	W056 15 47	GF15UF	9025	5608	161
ASJ	415.0	1020		Ahoskie	NC			W077 10 32	FM16JH	866	538	
ASK	360.0	400	joi	Bergen/Flesland/Askøy			N60 25 19	E005 10 49	JP20OK	5631	3499	40
ASL	330.0		,	Bandaranaike		CLN	N07 07 29	E079 50 26	MJ97WC	13985	8690	26
ASL	447.0		civ	Asaloyeh		IRN	N27 28 42	E052 37 36	LL67HL	10722	6662	41
ASN	360.0	1020	mil	Ascension Island/Wideawake		ASC	S07 56 56	W014 24 38	II22TB	8683	5395	113
ASN	398.0		civ	Aswan		EGY	N23 58 25	E032 48 10	KL63JX	9820	6102	58
ASS	275.0	1020		Assis		В	S22 38 41	W050 27 11	GG47SI	7940	4934	152
AST	340.0		civ	Asyut		EGY	N27 03 00	E031 01 00	KL57MB	9447	5870	57
ASU	340.0		iw	Chevron/Alba FSU/Alba Storage		IW	N58 02 52	E001 01 57	JO08MB	5505	3420	44
ASU	360.0	1020		Asuncion		PRG	S25 14 09	W057 30 47	GG14FS	7976	4956	159
ΑT	215.0	1020	civ	Watertown/Lican	SD	USA	N44 48 12	W097 09 01	EN14KT	1412	877	280
AT	230.0	1020	civ	Appleton/Gamie	WI		N44 09 45	W088 35 06	EN54QD	732	455	
AT	237.0			Agartala				E091 14 04	NL53OV	12440	7730	9
AT	245.0			Pontianak				E109 24 04	OI49QU	15080	9370	
AT	310.0			Modlin			N52 57 00	E020 39 00	KO02HW	6858	4262	43
AT	310.0			Deblin			N51 33 00		KO01XN	7022	4363	43
AT	312.5			Mys Aytodorskiy				E034 07 30	KN74BK	8225	5111	43
AT	315.0	1020		Dayton/Bruny	ОН			W084 20 05	EM79TU	605	376	
AT	323.0		CIV	Aktyubinsk			N50 16 51		LO80NG	8758	5442	27
AT	326.0			Tocumen				W079 23 48	FJ09HA	3862	2400	
AT	360.0			Agatti			N10 49 54		MK60CT	13303	8266	32
AT	374.0	1000	a!	Antsohihy	C 4		S14 54 15	E047 59 44	LH35XC	14124	8776	74
AT	375.0	1020		Atlanta/Catta	GA			W084 32 32	EM73RP	1220	758	
AT	384.0	Ü	CIV	Annecy/Meythet		F		E006 01 18	JN35AU	6413	3985	
AT	385.0			Alor Setar				E100 22 14	OJ06ED	14461	8986	0
AT	388.0		a!	Atiu				W158 06 24	BG09WX	10659	6623	
AT	391.0		CIV	Ati Pitca				E018 20 00	JK93EF	9615	5974	
AT	398.0	1000		Bitsa Artigas			N55 34 00		KO85TN	7502	4662 5315	33 160
AT	405.0	1020		Artigas		UKG	530 24 11	W056 29 14	GF19SO	8553	5315	160

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AT	537.0			Kutaisi				E042 31 48	LN12GE	8860	5505	40
AT	752.0	1020		Deblin		POL	N51 33 04	E021 53 32	KO01WN	7020	4362	43
ATA	347.0	1020	civ	Atlanta	TX	USA	N33 06 13	W094 11 26	EM23VC	1752	1089	232
ATA	358.0	400	civ	Alta		NOR	N69 59 32	E023 17 35	KP19PX	5948	3696	25
ATA	415.0			Anta		PRU	S09 21 02	W077 35 53	FI10EP	5899	3666	178
ATB	273.0		civ	Atbara		SDN	N17 42 50	E034 03 13	KK77AR	10424	6477	61
ATF	245.0	1020		Alta Floresta		В	S09 52 14	W056 06 05	GI10WD	6405	3980	152
ATF	348.0	400	civ	Aberdeen/Dyce		G	N57 04 39	W002 06 21	IO87WB	5365	3334	46
ATI	386.0			UNID		?						
ATK	350.0		civ	Atqasuk	AK	USA	N70 28 09	W157 25 39	BQ10GL	5048	3137	333
ATL	422.0		civ	Astypalaia			N36 34 43	E026 22 31	KM36EN	8383	5209	53
ATM	295.0	1020		Altamira		В	S03 15 23	W052 15 03	GI36UR	5888	3658	145
ATO	402.0			UNID		?						
ATR	345.0	1020	joi	Murcia/Alcantarilla		E	N37 57 00	W001 13 50	IM97JW	6372	3959	67
ATS	366.0			UNID		?			5.4-60			
ATS	414.0	1020	CIV	Artesia	NM			W104 27 42	DM72SU	2491	1548	
ATU	375.0			Attu (Coast Guard)	AK		N52 49 44		AO32JT	6511	4046	
AU	205.0	400	<b>a</b> !	Aurangabad		IND	N19 51 38	E075 23 55	MK79QU	12496	7765	26
AU	346.0	400		Stauning	TV			E008 19 12	JO45DX	6002	3729	44
AU AU	353.0 366.0		CIV	Austin/Austi UNID	TX	USA ?	N30 14 08	W097 37 33	EM10EF	2206	1371	233
AU	366.0	1020	oiv.	Augusta/Dunns	ME		N44 24 39	W060 51 20	FN54BJ	770	478	82
AU	380.0	1020		Phillips/Albuskjell F	IVI	IW	N56 37 14	W069 51 38 E003 03 14	JO16MO	5677	3527	62 45
AU	385.0		IVV	UNID		?	1130 37 14	L003 03 14	JO TOIVIO	3011	3321	40
AU	420.0		enr	Akhsu			N40 34 00	E048 23 00	LN40EN	9297	5777	37
AU	423.0	1020	CIII	Auburn/Opole	AL		N32 30 33		EM72GM	1367	850	
AU	670.0	1020	civ	Aktau	, \L		N43 53 11	E051 02 07	LN53MV	9115	5664	34
AU	1083.0	1020		Auly				E034 28 48	KN78FN	7911	4916	40
AUB	427.0	0		Aubenas/Vals-Lanas		F	N44 26 30	E004 21 42	JN24EK	6384	3967	58
AUH	278.0	1020		Aurora	NE	USA	N40 53 33	W097 59 50	EN10AV	1559	969	
AUV	284.0	1020		Ardmore/Arbuckle	OK	USA	N34 09 03	W097 07 29	EM14KD	1867	1160	241
ΑV	257.0		civ	Wilkes Barre/Barty	PA	USA	N41 16 37	W075 46 33	FN21CG	419	261	133
ΑV	275.0	400		Winnipeg/Saint Andrews	MB	CAN	N50 03 12	W097 02 42	EO10LB	1498	931	303
AV	290.0	1020	mar	Abrolhos		В	S17 57 52	W038 41 38	HH02PA	8009	4976	139
ΑV	290.0		mar	Aveiro		POR	N40 38 30	W008 44 48	IN50PP	5662	3518	68
ΑV	306.5	0	mil	Avord		F	N46 52 54	E002 55 48	JN16LV	6150	3822	56
AV	338.0			La Tontouta		NCL	S22 02 11	E166 15 07	RG37DX	13601	8451	270
AV	358.0	400	iw	Rijn?		IW						
AV	372.0			Raivavae				W147 39 43	BG66EC	10221	6351	
AV	387.0	400	civ	Asturias		E		W005 55 50	IN73AM	5716	3552	63
AV	404.0			Avalon			S38 01 05	E144 28 16	QF21FX	16311	10135	
AV	405.0	400		Göteborg/Säve		S		E011 52 00	JO57WR	6104	3793	41
AV	420.0			Verkhneimbatsk				E088 00 00	NP43AE	8083	5023	6
AVD	489.0	0		Sukhumi/Babushara				E041 07 18	LN02NU	8730	5424	40
AVD AVD	288.5 382.0	U	HIII	Avord UNID		F ?	N47 U7 14	E002 47 59	JN17JC	6129	3808	55
AVI	390.0	1020	mil	Aviano		í I	NAE 55 20	E012 25 43	INIGEEW	6925	4241	53
AVI	203.0	1020	11111	Alva	OK	IICA		W098 40 16	JN65FW EM06PS	6825 1808	1123	53 251
AVN	344.0		civ	Rochester/Avon	NY			W077 46 09	FN13CA	168		125
AVN	385.0	400*		Vilnius	141			E025 17 56	KO24PP	6987	4342	39
AVQ	245.0	1020		Tucson/Marana	ΑZ			W111 12 56	DM42JJ	3037	1887	
AVS	325.0	1020		Asturias		E		W006 01 42	IN63XN	5708	3547	63
AVZ	260.0	1020	014	Terrell/Travis	TX			W096 14 57	EM12VS	1913	1189	
AW	280.0	1020		UNID		?			<b></b>			
AW	289.0			Bagerovo		-	N45 25 00	E036 15 00	KN85DK	8259	5132	41
AW	306.5		mar	Mys Aniva/Skala Gojo				E143 24 48	QN16QA	9187	5709	
				,								

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
AW	323.0		iw	Petroland Q		IW	N53 32 17	E004 12 24	JO23CM	5886	3657	48
AW	382.0	1020	civ	Arlington/Waton	WA	USA	N48 04 34	W122 09 14	CN88WB	3298	2049	293
AW	425.0			Aralsk		KAZ	N46 50 00	E061 36 00	MN06TT	9252	5749	26
AW	1631.0			UNID		?						
AWC	240.0	1020		Fort Polk	LA	USA	N31 24 20	W093 18 46	EM31IJ	1843	1145	226
AWG	219.0	1020		Washington	IA	USA	N41 16 47	W091 40 21	EN41DG	1043	648	258
AWM	362.0	1020		•	AR		N35 08 22	W090 13 57	EM45VD	1341	833	
AWS	335.0	1020		Lawson/Columbus/Fort Benning (Army)	GA		N32 17 36	W085 01 24	EM72LH	1376	855	
AWZ	415.0		•	Ahwaz		IRN	N31 20 39	E048 44 41	LM41II	10157	6311	42
AX	238.0	•		Axum				E038 43 03	KK94IC	11052	6867	60
AX AXA	417.0 403.0	1020	civ	Auxerre/Branches	IA	F	N47 55 13 N43 04 53	E003 30 08 W094 16 21	JN17SW EN23UB	6131 1200	3810	54 271
AXA	315.0	1020		Algona Armenia	IA		N04 27 05	W075 46 22	FJ24CK	4385		
AY	210.0			Appleby				E173 07 50	RE68NQ	14253	8856	
AY	219.0	1020	civ	Waycross/Wiket	GA			W082 23 53	EM81TH	1419		192
AY	236.0	400	0.0	Albury	0, (	AUS		E146 58 11	QF33LW	16016	9952	
AY	241.0		civ			ETH	N09 38 38	E041 50 39	LJ09WP	11650	7239	60
AY	283.0	1020		Kumagaya		J		E139 18 40	PM96PD	10315	6410	
AY	316.0			Arli		HVO		E001 27 24	JK01RN	8402	5221	88
AY	323.0		iw	Pentacon		IW						
AY	339.0	400*	civ	Velikiye Luki		RUS	N56 20 00	E030 35 00	KO56HH	7125	4427	36
AY	356.0	400		St Anthony	NL	CAN	N51 23 11	W056 05 48	GO11WJ	1932	1200	56
AY	375.0	1020	civ	Warsaw/Okecie/Piaseczno		POL	N52 10 32	E020 55 57	KO02LE	6925	4303	43
AY	401.0		civ	Atyrau		KAZ	N47 09 33	E051 47 34	LN57VD	8844	5496	31
AYa	320.0		civ	Kala			N40 27 00		LN50CK	9394	5837	36
AYA	370.0			Ayacucho			S13 09 07		FH26VU	6339	3939	174
AYB	430.0	1020	civ	Auburn	NE		N40 26 08	W095 48 18	EN20CK	1402	871	260
AYE	233.0			Ayers Rock	140			E130 58 29	PG54LT	16570	10296	
AYI AZ	221.0 287.0		oiv.	Bay St. Louis/Hanco Kurumoch/Samara	MS		N30 27 04	W089 27 19 E050 12 12	EM50GK LO53CL	1733 8202	1077 5096	214 29
AZ AZ	318.5			Lazarev				E141 30 42	QO02SE	8656	5379	
AZ	366.0		IIIai	Aizawl		IND	N23 44 35	E092 48 10	NL63JR	12474	7751	8
AZ	371.0	1020	civ	Kalamazoo/Austn	MI			W085 31 47	EN72FD	532	331	251
AZ	393.0	.020			••••	IW	N57 27 00	E001 23 11	JO07QK	5548	3447	44
ΑZ	402.0			Ain Zalah		IRQ	N36 44 08	E042 36 01	LM16HR	9340	5803	43
ΑZ	455.0	1020		Lipetsk-2		RUS	N52 39 00	E039 26 00	KO92RP	7820	4859	34
ΑZ	534.0			Akolzin		RUS	N48 12 00	E042 39 00	LN18HE	8345	5185	36
ΑZ	690.0	400*	civ	Arkhangelsk/Talagi		RUS	N64 36 24	E040 35 12	LP04HO	6899	4287	25
AZC	403.0	1020		Colorado City	ΑZ			W113 00 33	DM36LX	2927	1819	266
AZE	414.0			Hazlehurst	GA			W082 38 51	EM81QV	1363	847	
AZN	233.0	400		•	МО		N39 53 02		EM29BV	1433	891	
AZR	371.0	4000		Agadir/Inezgane	\		N30 22 00	W009 27 02	IM50GI	6210	3859	79
AZS	336.0	1020	civ		VA			W078 31 05	FM08RA	658		173
AZW B	223.0 150.0	1020	civ	Mount Airy Elista	NC		N46 22 26	W080 32 25 E044 19 54	EM96RJ LN26DI	840 8583	5333	187 36
В	220.0			Blagoveschensk				E127 24 30	PO30QK	9233	5737	
В	242.0		0.0	Escuela de Aviación Militar			S31 26 18	W064 16 30	FF78UN	8483	5271	
В	257.0	1020		Hongqiao			N31 10 23	E121 20 17	PM01QE	11428	7101	
В	258.0		civ					E135 09 30	PN78NM	9225	5732	
В	260.0			Norilsk/Alykel			N69 19 54	E087 22 18	NP39QH	7401	4599	5
В	266.0	400			ON	CAN	N43 08 39	W079 47 38	FN03CD	88	55	198
В	285.0		pri	Sollefteå		S	N63 09 30	E017 00 42	JP83MD	6068	3771	34
В	305.0			San Carlos de Bariloche		ARG	S41 08 34	W071 10 57	FE48JU	9455	5875	174
В	315.0			Astrakhan/Narimanovo		RUS	N46 17 18	E048 00 30	LN46AG	8760	5443	34
В	318.0	400	,			FIN		E021 45 18	KP01VL	6375	3961	34
В	327.0		civ	Nizhniy Novgorod/Strigino		RUS	N56 12 30	E043 46 00	LO16VE	7707	4789	30

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
В	335.0		civ	Burgas		BUL	N42 33 13	E027 29 36	KN32RN	7993	4967	48
В	345.0		civ	Khanty-Mansiysk		RUS	N61 01 00	E069 02 00	MP41MA	8032	4991	15
В	350.0		civ	Belgorod		RUS	N50 38 02	E036 37 13	KO80HP	7853	4880	37
В	364.0	400	civ			FIN	N67 40 00	E024 52 00	KP27KQ	6134	3811	27
В	375.0			Krasnodar/Pashkovsky			N45 02 42	E039 10 18	KN95OB	8442	5246	40
В	375.0		civ	Magadan/Sokol		RUS						
В	377.0	400	joi	Kuopio		FIN		E027 49 18	KP32VX	6540	4064	31
В	385.0			Bucharest/Baneasa West				E026 04 33	KN34AL	7763	4824	47
В	389.0		CİV					E027 47 43	KN37VT	7612	4730	44
В	390.0		civ					E064 29 30	MM29FT	10057	6249	27
В	392.0	1000	civ			RUS		E132 06 18	PN64BK IN83LI	9732	6047	338
В	395.0	1020		Bilbao		E		W003 02 06		5931	3685	62 65
B B	400.0 403.0	1020	•	Valencia Vubilainui		Е	N46 03 30	W000 27 22 E063 18 00	IM99SL MN16PB	6337 9387	3938 5833	65 25
В	405.0			Yubileinyi Kiev/Borispol				E030 53 02	KO50KI	7586	4714	40
В	420.0	0	CIV	UNID		?	1130 21 40	L030 33 02	ROJUKI	7 300	47 14	40
В	429.0	1020	civ	Brno/Turany/Borek			N49 08 54	E016 43 42	JN89ID	6884	4277	48
В	438.0	1020	civ	Bratislava/M. R. Stefanik/Bárka			N48 09 03	E017 14 34	JN88OD	6979	4337	48
В	481.0	.020		Bishkek/Manas				E074 31 00	MN73GB	10031	6233	19
В	484.5			Beketovka				E044 22 00	LN28EN	8394	5216	35
В	485.0		civ	Brest			N52 06 30		KO12WC	7091	4406	42
В	520.0			UNID		?						
В	525.0			UNID		?						
В	560.0		civ	Pevek		RUS	N69 45 48	E170 36 30	RP59HS	6196	3850	337
В	588.0		civ	Kurumoch/Samara		RUS	N53 29 36	E050 07 18	LO53BL	8196	5093	29
В	628.0		civ	Ukhta		RUS	N63 33 00	E053 46 30	LP63VN	7402	4599	21
В	685.0		civ	Krasnoyarsk		RUS	N56 09 30	E092 32 00	NO66GD	8890	5524	5
В	708.0			Malbork		POL	N54 01 37	E019 08 03	JO94NA	6707	4168	42
В	755.0		civ	Bratsk			N56 21 00	E101 42 00	OO06UI	8894	5526	359
В	760.0			UNID		?						
В	760.0			Balakovo			N51 52 30	E047 46 00	LO31VV	8248	5125	31
В	770.0	1020	civ	,				E037 27 54	KO85RX	7463	4637	33
В	965.0			Kazan			N55 35 30	E049 19 00	LO45PO	7976	4956	28
B B2	985.0 352.0		CIV	Kotlas/Satvatiya	AB			E046 49 30 W119 47 18	LP31JA DO07CI	7410 3160	4604 1963	25 313
B3	335.0	400		Chinchaga/Hamburg Gas Plant Jedney	BC			W119 47 10 W122 14 00	CO87VF	3302	2052	312
B5	254.0	400		Gunisao Lake	MB		N53 31 20		EO13TM	1635	1016	
B7	254.0			Muskegsagagen Lake	ON			W091 07 08	EO41KI	1205	749	318
BA	230.0	1020	civ	77. 7.	MA		N42 14 54		FN32PF	580	361	106
ВА	240.0	1020		Blora			S06 59 34		OI53RA	15781	9806	
ВА	292.5		mar	Estaca de Bares		Е		W007 41 06	IN63DS	5578	3466	64
ВА	297.0			Shatalovo		RUS	N54 20 00	E032 29 00	KO64FH	7364	4576	36
BA	339.0			Bagabag		PHL	N16 37 04	E121 15 10	PK06PO	12982	8067	338
ВА	359.0		civ	Bautzen		D	N51 11 56	E014 32 52	JO71GE	6626	4117	47
BA	360.0		civ	Baku/Bina		AZE	N40 29 00	E050 04 00	LN50AL	9385	5831	36
BA	361.0			Bauerfield		VUT	S17 41 33	E168 16 07	RH42DH	13130	8159	272
BA	385.0	1020		St. Paul/Babco	MN			W092 59 04	EN34MU	1082	672	
ВА	410.0	1020	civ	Columbus/Clifs	IN		N39 19 20	W085 49 07	EM79CH	734	456	228
BA	433.0			UNID		?						
BA	456.0		civ	Balkhash			N46 52 06	E074 57 26	MN76LU	9641	5991	17
BA	508.0			UNID		?	NET 04 05	E000 0 : 00	NO 47	2022	F000	4.0
BA	605.0	1000		Bakchar Kraanadar/Daahkayaky				E082 04 00	NO17AA	8688	5399	10
BA	750.0	1020		Krasnodar/Pashkovsky			N45 03 42	E039 12 06	KN95OB	8443	5246	40
BA BA	765.0			Magadan/Sokol		RUS	NEO 40 20	E140.00.40	0040810	7600	4704	326
BA BA	920.0 1175.0	<b>400</b> *		Balagannoye				E149 08 42 E040 22 00	QO49NQ LN07EH	7699 8311	4784 5164	
DA	11/5.0	400*	enr	Bagayevsky		KU3	1147 19 00	ĽU4U ∠∠ UU	LINU/EIT	0311	5104	38

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BA	1230.0	112	civ	Balakhton	O/F		N55 59 00	E091 14 00	NO55OX	8901	5531	5
BAB	312.0		joi	Beirut International		LBN		E035 28 59	KM73RU	9174	5700	49
BAD	292.0		joi	Balad		IRQ	N33 56 33	E044 21 51	LM23EW	9683	6017	44
BAE	325.0	400	pri	Manchester/Barton		G		W002 23 12	IO83TL	5489	3411	50
BAF	328.0	400	iw	Marathon/Brae Alpha		IW	N58 41 31		JO08PQ	5493	3413	43
BAG	320.0	1020		Barrra do Garça		В	S15 51 22	W052 23 22	GH34TD	7166	4453	151
BAI	418.0	1020	enr	Bailén		E	N38 09 05		IM88ED	6182	3841	68
BAJ	392.0	1020	Cili	Sterling/Batten	СО		N40 31 56		DN80JM	1991	1237	
BAL	388.0	.020	civ	Bursa	00		N40 15 59	E028 48 34	KN40JG	8249	5126	49
BAL	390.0		0.1	Balmaceda			S45 55 10	W071 41 54	FE44DB	9978	6200	
BAM	379.0		civ	Bam		IRN		E058 27 16	LL99FB	10863	6750	36
BAN	304.0		enr						KM75XF	9087	5647	48
BAN	347.5		joi	Basrah International		IRQ		E047 41 02	LM30UM	10173	6321	43
BAN	385.0		JO.	Bandundu		ZAI	S03 18 09	E017 22 59	JI86QQ	10813	6719	88
BAR	320.0		civ	Banner Elk/Hemlock	NC		N36 09 12		EM96BD	884	549	194
BAR	332.0		0	Barcaldine			S23 33 30	E145 17 53	QG26PK	15374	9553	285
BAR	347.0			Puerto Barrios		GTM		W088 35 42	EK55QR	3239	2013	198
BAS	277.0		joi	Basrah International		IRQ	N30 34 09	E047 38 28	LM30TN	10167	6318	43
BAT	320.0		,	Batticaloa			N07 42 13	E081 40 49	NJ07UQ	13985	8690	23
BAT	470.0		mil	Batman		TUR	N37 56 08	E041 07 15	LM07NW	9154	5688	43
BAV	404.0	1020		Bolivar/Hardeman	TN	USA	N35 12 52	W089 02 32	EM55LF	1266	787	
BAY	284.0		enr	El Bayadh		ALG	N33 41 25	E001 01 41	JM03MQ	6807	4230	70
BAZ	212.0	1020		New Braunfels	TX		N29 42 25	W098 02 07	EL09XQ	2276	1414	
BAZ	420.0	1020		Bayreuth		D		E011 33 55	JN59SW	6524	4054	49
ВВ	265.0			Mumbai		IND	N19 07 04	E072 50 02	MK69KC	12480	7755	28
ВВ	274.0			Bau Bau		INS	S05 29 20	E122 34 22	PI14GM	15239	9469	327
ВВ	384.0	0		Bora Bora		OCE	S16 26 37	W151 45 16	BH43CN	9908	6156	246
ВВ	385.0		iw	Penzoil/Noordwinning K10-B		IW	N53 21 45	E003 15 13	JO13PI	5837	3627	48
ВВ	385.0		civ	Berbera		SOM	N10 23 00	E044 58 00	LK20LJ	11801	7333	57
ВВ	404.0			Basa		PHL	N14 58 55	E120 29 05	PK04FX	13179	8189	338
ВВ	432.0	1020	enr	Bibrka/Bobrka		UKR	N49 38 36	E024 16 54	KN29DP	7284	4526	44
ВВ	484.0			Battambang		CBG	N13 05 30	E103 13 24	OK13OC	13688	8505	357
BB	752.0		enr	Beryozovo		RUS	N63 54 24	E064 56 18	MP23LV	7650	4754	16
BBA	285.0			Bumba		ZAI	N02 11 30	E022 33 00	KJ12GE	10802	6712	80
BBA	401.0	400	civ	Benbecula		G	N57 28 34	W007 22 09	IO67HL	5048	3137	46
BBB	239.0	1020	civ	Benson	MN	USA	N45 19 38	W095 39 01	EN25EH	1293	803	283
BBC	285.0	1020		Barbacena		В	S21 16 01	W043 45 51	GG88CR	8082	5022	145
BBD	380.0	1020	civ	Brady	TX	USA	N31 10 41	W099 19 21	EM01IE	2242	1393	238
BBF	323.0		iw	Talisman/Beatrice Bravo		IW		W003 01 18	IO88LD	5275	3278	44
BBH	233.0	1020		Paris	ID			W111 20 02	DN42HG	2586	1607	
BBN	275.0		civ	Babylon	NY		N40 40 21	W073 23 04	FN30HQ	616	383	124
BBR	388.0		iw	Mobil/Beryl Bravo		IW		E001 30 41	JO09SO	5471	3399	41
BBS	320.0	400	civ	Beni Abbes				W002 13 00	IM80VA	6800	4225	75
BBV	362.0		iw	Marathon/Brae Bravo		IW		E001 20 45	JO08QT	5493	3413	43
BBW	265.0	1020	civ	Broken Bow	NE		N41 26 03		EN01EK	1672	1039	
BC	205.0			Mbanza Congo			S06 16 00	E014 15 00	JI73DR	10787	6703	92
BC	298.0			Carrasco			S34 52 38	W056 05 38	GF15WC	9039	5616	
BC	315.0	1000	m= !!	Baucau				E126 23 42	PI31EM	15355	9541	320
BC	365.5	1020	mil	Brasschaat				E004 29 27	JO21FI	6012	3736	50
BC BC	369.0			Dongdao				E112 44 00	OK66IQ	13185	8193	
BC	372.0			Sesha				E033 20 00	KO63QR	7451	4630	36
BC BC	388.0	400		Benin Raio Comogu	00			E005 35 57	JJ26TH	9131	5674	89 52
BC	414.0	400	oi.	Baie Comeau	QC			W068 19 34	FN59UC	1031	641	52 72
BC BC	417.0 426.0	700*		Bechar Bacau			N31 38 00 N46 28 41		IM81UP KN36LL	6686 7664	4154 4762	
BC BC	960.0	700"	civ					W173 14 36		7664 5888		
ьс	900.0		CIV	Provideniya Bay		KU3	1104 22 30	VV 173 14 30	AP34JJ	2000	3059	321

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ВСС	212.0	1020	civ	Bear Creek	AK	USA		W152 12 21	BP35VE	4909	3051	325
BCE	394.0		iw	BP/Bruce Alpha		IW	N59 44 33	E001 40 15	JO09UR	5474	3402	41
ВСН	300.0			Bacacheri		В	S25 24 10	W049 13 44	GG54JO	8270	5139	152
BCK	362.0	1020	civ	Black River Falls	WI	USA	N44 15 17	W090 50 57	EN44NG	913	567	277
BCK	416.0			Blackall		AUS	S24 25 34	E145 26 09	QG25RN	15425	9585	283
BCN	316.0			Bahia de Caraquez		EQA	S00 36 07	W080 24 26	EI99TJ	4930	3063	181
всо	370.0			Bachaquero		VEN	N09 59 59	W071 04 01	FJ4:LX	3843	2388	165
BCP	1671.0			UNID		?						
BCR	407.0			UNID		?						
BCS	416.0	400	enr	Bacchus		S	N62 34 13	E017 02 43	JP82MN	6101	3791	34
BCY	212.0	1020		Boise City/Thorp	OK	USA	N36 45 19	W102 32 06	DM86RS	2107	1309	256
BCZ	228.0	1020		Butler/Choctaw	AL	USA	N32 06 52	W088 07 17	EM52WC	1511	939	213
BD	212.0		civ	Bahir Dar		ETH	N11 35 03	E037 19 03	KK81PO	11166	6939	63
BD	277.0		joi	Baghdad/(ex Saddam International)		IRQ	N33 19 30	E044 10 18	LM23CH	9727	6044	44
BD	277.0			Durazno		URG	S33 23 30	W056 30 57	GF16RO	8870	5511	161
BD	297.0			UNID		?						
BD	342.0			Berdyansk		UKR	N46 49 00	E036 46 00	KN86JT	8171	5077	40
BD	345.0			Bagdogra		IND	N26 41 16	E088 19 35	NL46DQ	12091	7513	12
BD	360.0	1020	enr	Bogdanovo		RUS	N57 06 00	E037 43 00	KO87UC	7384	4588	32
BD	375.0	1020		Moose Jaw/Baildon	SK	CAN	N50 17 30	W105 26 32	DO70GH	2084	1295	299
BD	377.0		civ	Doha		QAT	N25 17 48	E051 32 57	LL55SH	10867	6752	43
BD	388.0	1020	civ	Windsor Locks/Chupp	CT	USA		W072 45 58	FN31OV	591	367	110
BD	393.0	0	joi	Bordeaux/Merignac		F		W000 33 44	IN94RW	6020	3741	59
BD	394.0			Muara Badak		INS		E117 24 59	OI89QQ	14896	9256	
BD	528.0			Novy		RUS		E135 08 00	PN78NL	9228	5734	
BD	635.0		civ	Razdolye			N52 26 00	E103 12 00	00120K	9327	5796	
BD	707.0		civ	Khanty-Mansiysk		RUS	N61 01 00	E068 59 24	MP41LA	8031	4990	16
BDA	295.0		mar	Gibbs Hills LS		BER		W064 50 00	FM72NG	1816	1129	131
BDA BDB	305.0 336.0	1020		Boca do Acre Melfa/Accomack	VA	В	S08 54 15 N37 34 14	W067 29 19 W075 47 54	FI61GC FM27CN	5970 767	3710 477	
BDD	254.0	1020	civ	Brookport/Bellgrade	IL		N37 34 14 N37 08 44	W075 47 54 W088 40 14	EM57PD	1081	672	
BDE	388.0	1020	CIV	Boende	IL	ZAI	S00 14 10	E020 48 59	KI09JS	10852	6743	83
BDG	245.0	400		Bendigo		AUS	S36 44 34	E144 19 34	QF23DG	16262	10105	
BDI	358.0			Boundiali		CTI	N09 31 29	W006 27 45	IJ69SM	7920	4921	95
BDK	350.0			Bondoukou/Soko		CTI	N08 00 18	W002 46 02	IJ88OA	8331	5177	93
BDL	386.0	400	iw	Shell Expro/Brent Delta		IW	N61 07 55	E001 44 04	JP01UD	5427	3372	40
BDO	323.0			Bobo Dioulasso		HVO	N11 10 31	W004 18 37	IK71UE	7968	4951	92
BDQ	208.0	1020	civ	Morrilton/Bridge	AR	USA	N35 08 21	W092 42 45	EM35PD	1495	929	234
BDR	389.0		civ	Bodrum/Milas		TUR	N37 15 12	E027 40 09	KM37UG	8413	5228	52
BDV	413.0	1020		Birdsville		AUS	S25 53 47	E139 21 12	PG94QC	16001	9942	287
BDX	335.0	1020	civ	Broadus	MT	USA	N45 26 09	W105 24 40	DN75HK	2056	1278	284
BE	272.0			Benin		NIG	N06 20 02	E005 36 57	JJ26TI	9131	5674	89
BE	278.0			Kamina Base		ZAI		E025 17 11	KI21PI	11855	7366	86
BE	287.0		civ	Kurumoch/Samara		RUS		E050 04 42	LO53AL	8196	5092	29
BE	318.0	0	joi	Bordeaux/Merignac		F		W000 23 52	IN94TU	6035	3750	59
BE	325.0			Mangkajang		INS		E117 44 31	OJ82UA	14641	9098	
BE	331.0			Mandaly		IRQ		E045 32 02	LM23SR	9766	6068	43
BE	332.0	1020			MA			W071 23 19	FN42HL	674		101
BE	377.5		CIV	Beverlo				E005 18 00	JO21PC	6075	3775	50
BE	394.0	1000	<b>a</b> :	Berridale	B 41			E169 59 00	RE43XX	14713	9142	
BE BE	397.0	1020	CIV	Benton Harbor/Mally	MI	USA ?	1442 U/ 36	W086 18 48	EN62UD	592	308	253
BE BE	520.0 640.0			UNID Beringovsky			NB3 03 00	E179 18 00	RP93PA	6283	3904	320
BEA	284.0	1020	civ	Beringovsky Beeville	TX			W097 47 44	EL18CI	2375	1476	
BEA	323.0	1020		Talisman/Beatrice Alpha	17	IW		W003 05 16	IO88KC	5273	3276	230 44
BED	232.0		IVV	Bedok				E103 57 49	OJ11XH	14985	9311	
	202.0					5.10	. 10 . 10 00	_100 01 40	5011/01	000	5511	550

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BEE	615.0		•	UNID		?	_ut		_00	MIII		
BEL	250.0			Belém		В	S01 23 23	W048 28 52	GI58SO	5887	3658	140
BEP	350.0	1020	civ	Perry/Bay Creek	GA	USA	N32 27 27	W083 45 57	EM82CK	1324	823	198
BEQ	368.0	1020		Bessemer	AL	USA	N33 18 43	W086 55 23	EM63MH	1342	834	211
BER	335.0	400	civ	Bern/Belp		SUI	N46 53 57	E007 30 38	JN36SV	6450	4008	54
BES	230.0	1020	civ	Bennettsville	SC	USA	N34 37 13	W079 44 00	FM04DO	1030	640	181
BES	290.0			Tumbes		PRU	S03 32 58	W080 22 54	EI96TK	5255	3266	181
BET	401.5	1020	civ	Rheine/Bentlage		D	N52 17 16	E007 23 08	JO32QG	6140	3815	48
BEX	269.0	1020			IA	USA	N40 44 42	W092 25 50	EN30SR	1124	698	256
BEY	487.0		enr	Beypazari		TUR	N40 09 36	E031 55 47	KN50XD	8444	5247	47
BF	248.0	1020		Cleveland/Tabey	ОН		N41 34 09	W081 34 26	EN91FN	311	193	215
BF	263.0	1020			NE		N41 48 09	W103 29 56	DN81GT	1972	1225	272
BF	304.0			Ukhta				E053 46 30	LP63VM	7404	4601	21
BF	362.0	1020	civ		WA			W122 23 22	CN87TP	3322	2064	293
BF	385.0	1020	CIV	Bakersfield/Niley	CA		N35 22 20	W118 58 53	DM05MI	3486	2166	268
BF	408.0		<b>_:</b>	UNID		?	NICO 04 0C	E007.04.00	NIDOOOL	7200	4500	_
BF BF	535.0		CIV	Norilsk/Alykel			N69 21 06	E087 24 30	NP39QI	7399	4598	5 43
BF	935.0 953.0			Khersones Kherenes			N44 34 00	E033 24 00 E033 24 00	KN64QN KN64QN	8174 8174	5079 5079	43 43
BFA	263.0	1020	civ		МІ		N45 10 00		EN75ME	457	284	290
BFD	390.0	1020	CIV	Isle of Skye/Broadford	IVII	G	N57 15 17		IO77CG	5144	3196	46
BFE	311.0	1020	civ	•	TX		N33 10 45		DM83VE	2300	1429	247
BFI	360.0	1020	OIV	Beef Island/British Virgin Is.	17		N18 26 45	W064 32 09	FK78RK	3149	1956	149
BFK	215.0	1020		Buffalo	OK		N36 51 51		EM06EU	1875	1165	252
BFR	344.0	1020	civ		IN		N38 50 22		EM68SU	810	503	229
BFW	350.0	1020	civ	Silver Bay/Beaver Bay	MN	USA	N47 15 02	W091 24 51	EN47HG	1004	624	296
BG	227.0	1020	civ		ME	USA	N44 43 39	W068 42 47	FN54PR	862	535	80
BG	264.0			Bugarura		RRW	S01 55 19	E029 15 50	KI48PB	11652	7240	78
BG	272.0			Baguio		PHL	N16 22 28	E120 37 00	PK06HI	13027	8095	338
BG	300.0			Bontang		INS	N00 07 16	E117 28 40	OJ80RC	14849	9227	337
BG	332.0	1020		Binghampton/Smite	NY	USA	N42 06 17	W075 53 28	FN22BC	352	219	123
BG	363.0			Bangalore		IND	N12 58 10		MK82UX	13298	8263	26
BG	372.0			Benguela			S12 36 00	E013 23 00	JH67QJ	11197	6957	97
BG	407.0	400		Berga		S		E018 12 36	JO99CB	6352	3947	37
BG	745.0	1020		Karmanovo				E034 52 00	KO75KT	7359	4573	34
BG	920.0	0		Muraveyka		RUS		E133 15 00	PN63PV	9755	6062	337
BGC BGC	374.0 385.0	1020	civ	Bergerac/Roumanière Bragança Paulista		F B	S22 58 50	E000 37 09 W046 32 20	JN04HT GG67RA	6108 8131	3795 5053	59 148
BGE	235.0	1020		Bagé		В	S31 23 07		GF28WO	8726		
BGF	263.0	1020		Winchester/Boiling Fork	TN			W086 04 05	EM65XE	1122		213
BGI	345.0	1020		Adams				W059 29 26	GK03GB	3913	2431	145
BGN	309.0	1020	ioi	Tel Aviv/Ben Gurion				E034 57 12	KM72LA	9293	5774	51
BGN	335.0		,	Bagan				E094 55 42	NL71LE	12776	7939	6
BGO	206.0	1020		Balgo Hill				E127 59 20	PG39XU	16352	10161	
BGR	319.0	1020	enr	Bagur		Ε	N41 57 05	E003 12 11	JN110W	6451	4009	61
BGS	335.0			UNID		?						
BGS	356.0	1020	civ	Burgas		BUL	N42 37 37	E027 35 22	KN32TP	7993	4967	48
BGS	357.0	1020		Burgos		Е		W003 38 07	IN82EI	5943	3693	63
BGT	308.0			Bagot		AUS	S12 24 24	E130 51 25	PH57KO	15478	9617	311
BGU	316.0			Oslo/Gardermoen/Bergerud				E011 15 44	JO59PU	5965	3707	39
BGW	334.0			Paris/Le Bourget		F	N48 56 21		JN18DW	5998	3727	54
BH	224.0	1020		Birmingham/Mcden	AL			W086 50 44	EM63NM	1319	819	212
BH	309.0		pri	Bu Hasa				E053 23 00	LL63QO	11124	6912	43
BH	317.0	1000		Gaoyao				E112 29 12	OL63FB	12491	7761	
BH	330.0	1020		Bar Harbor/Surry	ME			W068 18 24	FN54UM	893	555	82
ВН	360.0		JOİ	Baghdad/(ex Saddam International)		IKQ	N33 11 42	E044 17 42	LM23DE	9746	6056	44

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ВН	392.0			Badshoogte			S33 37 01	E021 47 58	KF06VJ	13340	8289	109
ВНА	321.0		civ	Al Baha				E041 38 47	LL00TH	10719	6660	54
ВНС	376.0	1020		Baxley	GA	USA	N31 42 43	W082 23 25	EM81TR	1377	855	192
BHF	326.0	1020	civ	Freeport		BAH	N26 34 26	W078 39 50	FL06QN	1923	1195	178
BHG	338.0	1020	civ	Sulphur Springs/Brashear	TX	USA	N33 09 30	W095 37 06	EM23ED	1840	1143	235
ВНІ	332.0			Broken Hill		AUS	S31 59 31	E141 28 06	QF08RA	16234	10087	277
BHM	354.0		iw	Bleo Holm FPSO/Bluewater Engineering		IW	N58 06 03	W001 26 25	IO98GC	5365	3334	44
BHN	300.0			Barahona		DOM	N18 14 32	W071 06 59	FK48KF	2950	1833	162
BHN	391.0	1020	mil	Buckhorn/Fort Leonard Wood (Army)	МО	USA	N37 41 51	W092 06 14	EM37WQ	1268	788	241
BHP	295.0			Bharatpur		NPL	N27 40 46	E084 25 47	NL27FQ	11911	7401	15
BHS	240.0			Bahia Solano		CLM	N06 12 34	W077 22 51	FJ16HF	4180	2598	177
BHU	382.0	1020	civ	Latrobe/Benje	PA	USA	N40 22 32	W079 16 18	FN00IJ	391	243	178
BHW	236.0		civ	West Branch/Hardwood	MI	USA	N44 14 55	W084 05 02	EN74WF	373	232	278
BHW	345.0			Bhairahawa		NPL	N27 30 31	E083 25 36	NL17RM	11909	7400	16
BHX	406.0	400	civ	Birmingham		G	N52 27 16	W001 45 09	IO92CK	5572	3462	51
BHZ	520.0	1020		Belo Horizonte		В	S19 51 12	W043 57 17	GH80AD	7933	4929	145
ВІ	230.0	1020	civ	Bismarck/Jadan	ND	USA	N46 41 53	W100 38 52	DN96QQ	1686	1047	288
ВІ	233.0			Chiredzi Buffalo Range		ZWE	S20 59 51	E031 33 54	KG59SA	13265	8243	92
ВІ	251.0		civ	Billings/Saige	MT	USA	N45 51 08	W108 41 40	DN55PU	2308	1434	286
BI	310.0			Bellary		IND	N15 09 32	E076 53 10	MK85KD	13040	8103	26
ВІ	310.0	1020		Kiev/Borispol			N50 23 51		KO50KJ	7585	4713	40
ВІ	314.5		mar	Bejaïa/Jetée Est				E005 06 12	JM26NS	6910	4294	65
BI	348.0			Bintuni		INS	S02 06 28	E133 31 15	PI67SV	14355	8920	316
BI	352.0	1020						E050 38 24	LL56HG	10726	6665	44
BI	360.0		civ	Baku/Bina			N40 30 54		LN50AM	9380	5828	36
BI	435.0		CIV	Bisert				E059 04 00	LO96MU	8189	5088	22
BI	480.0			Chortkov				E025 44 00	KN28UX	7412	4606	44
BI BI	700.0 810.0		eni	Dudinka Bishkek			N69 25 00 N42 52 00	E086 14 00	NP39CK MN72GU	7383 10052	4588 6246	6 19
BIA	339.0	400	civ	Bournemouth		G		E074 31 00 W001 50 33	IO90BS	5642	3506	53
BIC	405.0		Civ	Briare/Châtillon		F		E002 47 00	JN17JO	6101	3791	55
BID	216.0	Ü		Block Island	RI		N41 10 00		FN41FE	714	444	112
BIK	206.0	400	0.1	Bindook			S34 10 43	E150 06 41	QF55BT	15665	9734	267
BIO	205.0			El Turbio				W072 13 17	FD38VJ	10605	6590	176
BIR	368.0			UNID		?						
BIS	283.0	0	enr	Biskra		ALG	N34 48 18	E005 44 30	JM24UT	7084	4402	66
BIS	315.0			UNID		?						
BIS	325.0			UNID		?						
BIU	389.0			Ballidu		AUS	S30 35 30	E116 46 10	OF89JJ	17959	11159	311
BJ	308.0		civ	Madrid/Barajas		E	N40 26 49	W003 33 45	IN80FK	6055	3762	65
BJ	404.0			Bhuj		IND		E069 40 16	ML43UG	11931	7413	30
BJ	405.0	1020		Bjargtangar		ISL		W024 31 49	HP75RM	4082	2537	35
BJ	650.0		civ	Astrakhan/Narimanovo				E048 04 24	LN46AG	8764	5446	34
BJ	735.0			Kalaus				E045 13 00	LN23OL	8882	5519	37
BJA	376.0	_		Beja				W007 55 18	IM68AD	5860	3641	70
BJA	423.0	0	civ	Bejaia/Soummam				E005 01 29	JM26MQ	6908	4292	65
BJD	405.0	400	civ	Birjand		IRN		E059 15 26	LM92PV	10528	6542	34
BJO BJO	316.0	400		Bjørnøya Bormoio				E019 05 10	JQ94NM	5603	3481	20 165
BJO B IT	400.0	1020	ois r	Bermejo Athony/Rulldog	C^		N33 57 05	W064 18 39	FG77UF	7541 1151	4686 715	165
BJT BJU	221.0 248.0	1020 1020		Athens/Bulldog Beatrice/Big Blue	GA NE		N40 21 49	W083 13 11 W096 48 47	EM83JW EN10OI	1151 1485	715 922	198 261
BJZ	298.0	1020		Badajoz/Talavera la Real	INE	E		W096 46 47 W006 41 54	IM68PT	5915	3675	69
BK	296.0		JUI	Buntok		INS		E114 53 28	OI78KH	15118	9394	
BK	224.0	400		Baker Lake	NU			W096 03 53	EP14XH	2501	1554	
BK	227.0	-+00		Ningbo	.40			E121 19 54	PL09PV	11565	7186	
BK	274.0			Catbi				E106 39 29	OL30HT	12814	7962	
								— .				

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BK	293.0			Bangkok			N13 59 41	E100 39 03	OK03HX	13594	8447	360
BK	300.0			Bukoba		TZA	S01 19 52	E031 49 30	KI58VQ	11806	7336	76
вк	312.5	0	mar	Baltijsk		KAL	N54 38 18	E019 53 54	JO94WP	6709	4169	41
BK	329.0	1020	civ	Utica/Plein/Becks Grove	NY	USA	N43 13 21	W075 28 57	FN23GF	330	205	102
BK	334.0		civ	Krasnoyarsk		RUS	N56 09 00	E092 35 06	NO66HD	8892	5525	5
BK	364.0			UNID		?						
BK	390.0			Luang Prabang		LAO	N19 51 58	E102 06 32	OK19BU	12943	8042	358
BK	416.0	1020		Bankstown		AUS	S33 55 42	E150 59 19	QF56LB	15581	9681	267
BK	451.0		civ	Yubileinyi		RUS	N46 04 30	E063 19 12	MN16PB	9386	5832	25
BK	455.0			Lipetsk-2			N52 39 00	E039 26 00	KO92RP	7820	4859	34
BK	470.0	0		UNID		?						
BK	523.0	1020		Lunino			N53 34 00	E045 12 00	LO23ON	7993	4967	31
BK	705.0			Perm/Bolshoye Savino			N57 52 54	E055 57 30	LO77XV	7994	4967	23
BK	975.0	4000	civ	Bishkek/Manas	<b>T</b> ) (			E074 33 06	MN73GB	10031	6233	19
BKD	245.0	1020	CIV	Breckenridge	TX		S32 44 50	W098 53 28	EF07NG	8713	5414	197
BKE	258.0			Bouake		CTI		W005 02 35	IJ77LT	8164	5073	95
BKE	389.0			Bourke			S30 02 36	E145 56 58	QF29XW	15758	9792	276
BKI BKK	325.0 275.0		mil	UNID  Renifay/Tri Co (Army)	FL	?	N30 E1 00	W085 36 05	EM70EU	1545	OGO	203
BKL	401.0		IIIII	Bonifay/Tri Co (Army) UNID	FL	03A ?	1130 51 06	WU05 30 U5	EMITUEU	1545	960	203
BKL	416.0	1020	civ	Cleveland/Burke Lakefront	ОН		N41 31 43	W081 39 48	EN91EM	319	198	215
BKO	380.0	1020	CIV	Florianópolis/Boko	OH	В	S27 37 19	W048 37 57	GG52QJ	8520	5294	
BKS	353.0	1020	civ	Falfurrias/Brooks Co	TX	_		W098 07 18	EL07WE	2497	1551	228
BKS	374.0	1020		Békés	170		N46 47 42		KN06MT	7300	4536	48
BKT	236.0			Burketown			S17 45 04	E139 31 54	PH92SF	15363	9546	296
BKT	326.0	1020	civ	Blackstone	VA	USA	N37 07 41		FM07XD	761	473	171
BKU	344.0	1020	civ	Baker	МТ	USA	N46 20 53	W104 15 23	DN76UI	1962	1219	287
BKV	255.0			Bukavu		ZAI	S02 18 24	E028 49 10	KI47JQ	11647	7237	79
BKV	278.0		civ	Brooksville	FL	USA	N28 28 26	W082 27 00	EL88SL	1732	1076	190
BKZ	242.0	1020		Brinkley	AR	USA	N34 52 53	W091 10 40	EM44JV	1419	882	229
BKZ	432.0		enr	Beykoz		TUR	N41 07 37	E029 08 34	KN41ND	8202	5096	48
BL	206.0			Buli		INS	N00 55 03	E128 22 59	PJ40EW	14327	8902	323
BL	260.0	1020	civ	Milwaukee/Yanks	WI	USA	N43 03 36	W087 52 36	EN63BB	687	427	265
BL	290.0			Baghdad/(ex Saddam International)		IRQ	N33 20 36	E044 11 36	LM23CI	9727	6044	44
BL	297.5		mar	Mys Balyuzeka				E135 31 00	PN73SW	9679	6014	
BL	310.0			Malabo			N03 46 27	E008 43 32	JJ43IS	9576	5950	88
BL	315.0	4000		Salinópolis		В	S00 36 55	W047 21 26	GI69HJ	5871	3648	138
BL	335.0	1020		Budapest/Ferihegy	10/0		N47 29 20	E019 11 10	JN97OL	7140	4437	48
BL BL	338.0 342.0	1020	CIV	Bellingham/Benza Ile Art	WA		N48 53 57	W122 32 05 E163 39 48	CN88RV RH10TG	3314 13645	2059 8479	
BL	351.0	1020	civ	Blönduós				W020 17 33	HP95UQ	4279	2659	35
BL	352.0	1020		Addis Ababa/Bole Intl				E038 49 13	KJ98JX	11492	7141	63
BL	362.0	1020		Belleville (AF)	IL			W089 45 23	EM58CL	1053	654	
BL	368.0	.020		Barisal				E090 17 52	NL52DT	12547	7796	10
BL	374.0	400	civ	Førde/Bringeland				E005 45 38	JP21VJ	5620	3492	38
BL	380.0			Bloemfontein				E026 17 56	KG30DT	13401	8327	
BL	398.0			UNID		?						
BL	421.0	400	mil	Borlänge/Rommehed/Falun		S	N60 28 12	E015 24 42	JP70QL	6137	3814	37
BL	450.0			Belom		RUS	N64 30 54	E034 44 42	KP74IM	6701	4164	27
BL	455.0			UNID		?						
BL	475.0		civ	Kazan		RUS	N55 34 30	E049 21 24	LO45QN	7979	4958	28
BL	508.0	1020		UNID		?						
BL	510.0	1020		UNID		?						
BL	605.0		civ	Chernyshevka				E133 07 00	PN64NE	9727	6044	337
BL	620.0			Bolgrad				E028 40 00	KN45IP	7826	4863	45
BL	790.0		civ	Balti		MDA	N47 47 53	E027 48 50	KN37VT	7615	4732	44

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BL	791.0		enr	Belozyorsk/Ozyorsk		RUS	N60 02 00	E037 46 00	KP80VA	7155	4446	30
BL	855.0			Balykchi		KGZ	N42 26 00	E076 08 00	MN82BK	10139	6300	18
BLA	350.0	1020	civ	Biella/Cerrione		I	N45 27 44	E008 07 24	JN45BL	6575	4086	55
BLB	397.0		civ	Blois/Le Breuil		F	N47 40 30	E001 12 12	JN07OQ	5993	3724	56
BLC	377.0	1020	enr	Blace		YUG	N43 14 48	E021 21 44	KN03QF	7569	4703	51
BLD	509.0			UNID		?						
BLE	278.0	1020		Lake Providence	LA		N32 49 50		EM42JT	1597	992	
BLK	328.0	400	pri	Blackbushe		G	N51 19 24		IO91NH	5680	3530	52
BLK	340.0		civ	Banja Luka		BIH		E017 15 29	JN85PC	7184	4464	51
BLN	386.0			Busselton		AUS	S33 41 33	E115 23 43	OF76QH	18303	11373	
BLT	239.0			Ballarat		AUS	S37 30 49	E143 47 26	QF12VL	16342	10154	
BLT	310.0			Gbadolite		ZAI	N04 17 49	E021 02 59	KJ04MH	10520	6537	80
BLV	385.0			UNID		?	NOO 47 00	E044 40 00	1.140000	0700	0040	4.4
BM	260.0		joi	Baghdad/(ex Saddam International)		IRQ	N33 17 00	E044 12 00	LM23CG	9733	6048	44
BM	272.0		CIV	Pevek			N69 44 06	E170 37 36	RP59HR	6197	3851	337
BM BM	290.0 301.0		ioi	Magong Bamako/Senou		MLI	N23 31 13 N12 31 17	E119 36 32 W007 58 07	OL93TM IK62AM	12292 7574	7638 4706	341 94
BM	320.0		JOI	Banmaw			N24 16 03	E097 14 46	NL84OG	12450	7736	3
BM	342.0			Blenheim			S41 30 19	E174 01 55	RE78AL	14198	8822	
BM	342.5			Bethlehem		AFS	S28 14 59	E028 20 01	KG41ES	13500	8389	100
BM	350.0		civ	Blagoveschensk			N50 28 48	E127 24 24	PO30QL	9230	5735	
BM	355.0		OIV	UNID		?	1400 20 40	L127 27 27	1 COUGE	0200	0700	0-10
BM	370.0			Batam		INS	N01 07 17	E104 06 38	OJ21BC	15005	9324	355
BM	375.0	400		Balmoral	MB		N50 08 14	W097 18 35	EO10ID	1519	944	
ВМ	382.0	400	civ	Bloomington/Claye	IN		N39 03 23		EM69QB	802	499	230
вм	387.0			Belgaum		IND	N15 51 38	E074 36 56	MK75HU	12885	8006	28
вм	414.0			UNID		?						
BM	552.0			Wafangdian		CHN	N39 38 24	E121 43 18	PM09UP	10512	6532	344
BMA	405.0		civ	El Borma		TUN	N31 42 23	E009 14 06	JM410Q	7552	4693	67
BMA	411.0			UNID		?						
BMC	294.0	1020	civ	Brigham City	UT	USA	N41 30 57	W112 04 41	DN31XM	2668	1658	276
BML	365.0		iw	Agip/Balmoral		IW	N58 13 43	E001 06 25	JO08NF	5502	3419	43
BML	374.0			Bromelton			S27 57 58	E152 54 03	QG62KA	15070	9364	
BMQ	341.0	1020		Burnet	TX		N30 44 25	W098 14 10	EM00VR	2205	1370	
BMR	404.0	1020		Baia Mare			N47 40 16	E023 20 45	KN17QQ	7371	4580	46
BMW	404.0	1020	civ		GA		N33 56 07		EM83EW	1162	722	199
BN	222.0			Varanasi		IND	N25 26 45	E082 51 58	NL15KK	12119	7530	17
BN BN	255.0			Bujumbura		BDI	S03 14 55 N32 58 35	E029 18 23	KI46PS	11759 10965	7307 6813	79 25
BN	257.0 265.5			Bannu Bangui M Poko				E070 31 15 E018 29 44	MM52GX JJ94FL	10302	6402	25 81
BN	286.5		ioi	Bamako/Senou		MLI		W007 35 00	IK62EN	7600	4723	93
BN	296.5		,	Cap Bon/Sidi Bel Abiod				E011 02 36	JM57MB	7314	4545	61
BN	298.0		mai	Brunei				E114 58 00	OJ75LA	14399	8947	
BN	302.0			Brisbane				E153 05 53	QG62NO	15018	9332	
BN	302.0			Samarra				E043 54 54	LM14WE	9635	5987	44
BN	303.5		mar	Mys Belkina				E137 41 30	PN85UT	9414	5850	
BN	304.0	1020		Nashville/Dobbs	TN	USA	N36 01 47	W086 43 14	EM66PA	1070	665	218
BN	309.0			UNID		?						
BN	345.0	400	civ	Kristiansand/Kjevik/Birkeland		NOR	N58 18 15	E008 13 38	JO48CH	5883	3656	41
BN	353.0	1020	civ	Basle/Mulhouse/Habsheim		F	N47 39 42	E007 28 45	JN37RP	6403	3979	53
BN	360.0		civ	Baku/Bina		AZE	N40 25 12	E050 03 54	LN50AK	9391	5835	36
BN	362.0		joi	Benghazi/Benina		LBY	N32 10 18	E020 13 18	KM02CE	8307	5162	60
BN	372.0			Bandanaera		INS	S04 31 19	E129 54 15	PI45WL	14785	9187	318
BN	1150.0	400*	enr	Bolshaya Nikolayevka				E063 01 00	MO15ML	8441	5245	21
BNA	206.0			Ballina				E153 33 45	QG61SD	15072	9365	272
BNA	342.0		joi	Benghazi/Benina		LBY	N32 05 22	E020 15 41	KM02DC	8316	5167	60

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BNA	353.0	0		Beni Amrane for Houari Boumedienne		ALG	N36 39 05	E003 35 29	JM16TP	6807	4229	66
BNA	370.0			Bouna/Tehini		CTI	N09 16 39	W003 01 31	IJ89LG	8214	5104	93
BND	250.0		joi	Bandar Abbas		IRN	N27 12 58	E056 21 36	LL87EF	10940	6798	39
BNE	305.0			Hewanorra		LCA	N13 43 58	W060 58 33	FK93MR	3779	2348	147
BNF	327.0		iw	Ramform Banff/Atlantic Floating Production		IW	N57 00 02	E001 17 33	JO07PA	5561	3456	45
BNF	384.0			Beni Suef		EGY	N29 05 00	E031 07 00	KL59NB	9288	5772	55
BNH	362.0	1020		Brenham	TX		N30 13 21		EM10TF	2129	1323	230
BNK	345.0	400					N70 04 28	E024 58 46	KQ20LB	6000	3728	24
BNL	260.0	1020			SC		N33 15 34		EM93HG	1192	741	189
BNO	368.0	1020		Brno/Turany			N49 08 41	E016 46 07	JN89JD	6886	4279	48
BNR	278.0		joi	Benghazi/Benina		LBY	N32 01 00	E020 19 00	KM02DA	8325	5173	60
BNR	334.0	4000		Bhuntar	011	IND	N31 52 54		MM81NV	11284	7012	20
BNR	334.0	1020	civ	Findlay/Benton Ridge	ОН		N41 01 00		EN81DA	471	293	229
BNS BNS	212.0	1020		Bairnsdale			S37 52 52		QF32SC	16057	9977 2492	263
	220.0	1000		Barinas	1.0		N08 37 26		FJ48VO	4010		164
BNW BO	407.0 221.0	1020 1020	civ	Boone Bristol/Booie	IA TN		N42 03 16 N36 23 55	W093 51 11 W082 29 47	EN32BB EM86SJ	1190 872	740 542	265 198
ВО	266.0	1020	CIV	Bafoussam	IIN		N05 30 33		JJ55EM	9575	5950	86
ВО	297.5		mar	Bolsheretskiy				E156 18 30	QO82DN	8062	5010	328
ВО	298.0		mai	Birao		CAF		E022 46 59	KK10JG	10188	6331	74
ВО	299.0		civ	StÉtienne-Bouthéon		F		E004 18 00	JN25DM	6318	3926	57
ВО	300.5			Budnova				E170 26 12	RP50FA	6861	4263	328
во	310.0		civ	Kiev/Borispol		UKR		E030 53 12	KO50KH	7591	4717	40
во	327.0		civ	Nizhny Novgorod/Strigino		RUS	N56 12 18	E043 46 42	LO16VE	7708	4790	30
во	330.0		joi	Bamako/Senou		MLI	N12 30 00	W008 01 00	IK52XM	7572	4705	94
во	358.0		-	Bol/Berim		TCD	N13 26 54	E014 44 00	JK73IK	9316	5789	77
во	359.0	1020	civ	Boise/Ustik	ID	USA	N43 35 49	W116 18 55	DN13UO	2944	1829	282
во	375.0	1020	civ	Boston/Miltt/Milton	MA	USA	N42 16 26	W071 02 57	FN42LG	708	440	102
во	385.0	1020	civ	Zadar/Bokanjac		HRV	N44 10 09	E015 15 50	JN74PE	7120	4424	53
во	390.0			Bonriki		KIR	N01 22 38	E173 08 34	RJ61NJ	11290	7015	283
во	392.0		civ	Annaba/El Mellah		ALG	N36 48 59	E007 48 31	JM36VT	7101	4413	63
ВО	417.5			Bisho		AFS	S32 56 35	E027 11 48	KF37OB	13711	8520	106
ВО	676.0			Nizhniy Novgorod/Strigino			N56 10 18		LO16VE	7710	4791	30
ВО	1290.0			Bohdanivka		UKR		E030 53 30	KO50KP	7566	4702	40
BOA	413.0	1020		Bologna	A 1.	I I CA	N44 34 02		JN54ON	6832	4245	54
BOB BOD	387.0 351.0	1020		Anchorage/Bruck	AK	USA	N61 10 04 N33 54 08	W150 10 38 E035 28 53	BP41VE KM73RV	4881	3033 5697	319 49
BOD	374.0	1020	joi civ	Beirut International Bowman	ND	LBN	N46 11 07		DN86GE	9169 1898	1180	286
BOD	394.0	1020		Bodrum/Imsik	ND			E027 39 24	KM37TD	8422	5233	52
BOG	340.0	1020	CIV	Bogotoa				W074 19 22	FJ24UU	4356		172
BOK	283.0	1020		Bouake				W005 04 58	IJ77LR	8167	5075	95
BOL	327.0		mil	Bolsena		ı		E012 03 06	JN62AO	7013	4358	56
BOL	362.0			Bolinda		AUS		E144 47 54	QF22JM	16259	10103	
вом	392.0			Boma		ZAI	S05 51 08	E013 03 58	JI64MD	10661	6624	92
BON	400.0			UNID		?						
BOR	251.0	400		Bordertown		AUS	S36 23 25	E140 45 05	QF03JO	16532	10272	270
BOR	423.0	0	civ	Bourg/Ceyzériat		F	N46 12 18	E005 17 18	JN26PE	6345	3942	55
BOS	419.0	0		Bourges		F						
BOT	406.5			Bottrop		D		E007 01 23	JO31MO	6156	3825	49
BOU	391.5	400	civ	Bourn		G		W000 02 42	IO92XF	5690	3535	51
BOU	398.0			Boulia				E139 54 25	PG97WC	15740		
BOZ	254.0			Sterling/Whiteside	IL			W089 47 08	EN51CR	878	546	258
BOZ	312.0			Bozhurishte				E023 11 30	KN12OS	7716	4794	50
BP	257.0	1020	civ	Port Arthur/Kazoo/Beaumont	TX			W094 06 23	EL29WX	2014	1251	
BP	276.0			Batu Pahat				E102 55 56	OJ11LU	14932	9278	357
ВР	279.0			Bangui M Poko		CAF	NU4 22 43	E018 31 29	JJ94GJ	10313	6408	81

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BP	346.0		iw	BP/West Sole Alpha		IW	N53 42 10	E001 08 58	JO03NQ	5695	3539	49
ВР	347.5			Bhopal		IND	N23 17 17	E077 20 53	ML83QG	12200	7581	23
ВР	362.0		civ	Sevastopol		UKR	N44 41 06	E033 33 06	KN64SQ	8173	5079	43
ВР	369.0		civ	Bastia/Poretta		F	N42 25 42	E009 32 12	JN42SK	6857	4261	57
ВР	450.0			Stryj		UKR	N49 15 00	E023 47 00	KN19VG	7284	4526	44
ВР	680.0	1020	enr	Chelobityevo		RUS	N55 54 00	E037 41 00	KO85UV	7478	4647	33
BPG	392.0		mil	Boden		S	N65 50 18	E021 43 18	KP05UU	6119	3802	29
BPL	401.0	1020	civ	Bari/Palese Macchie		- 1	N41 06 36	E016 39 36	JN81HC	7419	4610	55
BPL	420.0	400	civ	Blackpool		G	N53 46 24	W003 02 00	IO83LS	5437	3379	50
ВРО	403.0	1020		Oneida/Piney Grove	TN	USA	N36 32 22	W084 28 34	EM76SM	921	573	209
BPW	239.0	1020		Osceola	AR	USA	N35 41 34	W090 00 47	EM45XQ	1281	796	228
BQ	275.0	1020	civ	Brunswick/Jeffi	GA	USA	N31 13 42	W081 32 34	EM91FF	1418	881	188
BQ	349.0			Nasan		VTN	N21 12 54	E104 02 17	OL21AF	12786	7945	356
BQ	779.0		civ	Bokhan		RUS	N53 09 00	E103 47 00	0013VD	9246	5745	358
BQP	329.0	1020		Bastrop	LA	USA	N32 45 18	W091 53 00	EM42BS	1642	1021	225
BR	233.0	400		Brandon	MB	CAN	N49 54 28	W100 04 24	DN99XV	1700	1056	300
BR	240.0			Bidar		IND	N17 55 04	E077 29 56	MK87RW	12771	7936	24
BR	251.0	1020	civ	Brainerd/Larew	MN	USA	N46 27 24	W094 01 22	EN26XK	1178	732	289
BR	266.0	1020		Atlanta/Redan	GA		N33 38 43	W084 18 40	EM73UP	1213	754	
BR	297.0			UNID		?						
BR	303.0			Buri Ram		THA	N15 14 19	E103 15 09	OK15PF	13451	8358	357
BR	309.5		mar	Ostrov Bol'shoy Zhuzhmuy		RUS	N64 40 48	E035 33 30	KP74SQ	6718	4175	27
BR	310.5			El-Burullus		EGY	N31 35 54	E031 04 54	KM51MO	9082	5643	54
BR	318.0			Brunei		BRU	N04 53 57	E114 54 05	OJ74KV	14413	8956	341
BR	320.0			Barapani		IND	N25 42 22	E091 58 33	NL55XQ	12248	7611	8
BR	327.0			Beira		MOZ	S19 46 54	E034 51 00	KH70KF	13443	8353	88
BR	357.0			Batu Raja		INS	S04 23 52	E104 24 11	OI25EO	15612	9701	354
BR	363.0			Barquisimeto		VEN	N10 01 59	W069 26 13	FK50GA	3876	2408	163
BR	375.0			UNID		?						
BR	382.0	1020	civ	Egilsstadhir/Breidavad		ISL	N65 19 58	W014 22 21	IP25TH	4551	2828	35
BR	388.0	0	civ	Lyon/Bron		F	N45 37 00	E004 59 36	JN25LO	6359	3951	56
BR	390.0	1020	civ	Burlington/Burns	IA	USA	N40 39 15	W091 07 23	EN40KP	1026	638	254
BR	393.0	1020	civ	Brownsville/Depoo	TX	USA	N25 59 01	W097 30 33	EL15FX	2570	1597	225
BR	395.0	1020	civ	Budapest/Ferihegy		HNG	N47 22 37	E019 22 06	JN97QJ	7158	4448	48
BR	402.0			Butaritari		KIR	N03 05 06	E172 49 06	RJ63JC	11180	6947	285
BR	435.0	1020		UNID		?						
BR	485.0		civ	Kotlas/Satvatiya		RUS		E046 48 12	LP31JA	7407	4603	25
BR	752.0		enr	•		RUS	N63 55 00	E065 02 00	MP23MW	7652	4754	16
BR	795.0			Bukhara		UZB		E064 29 30	MM29FT	10054	6248	27
BRA	379.0	1020	civ	Asheville/Broad River	NC	USA		W082 28 16	EM85SG	992		
BRB	292.0	1020		Barcial del Barco		Е	N41 55 56	W005 40 01	IN71DW	5819	3616	
BRD	346.0			Bojnord		IRN		E057 18 21	LM87PL	9997	6212	
BRD	363.5	1020	,	Brindisi/Casale		 	N40 36 20	E018 00 32	JN90AO	7543	4687	55
BRG	358.0		civ	Bragança				W006 43 36	IN61PT	5750	3573	65
BRG	375.0		civ	•		F		E002 16 54	JN17DA	6100	3790	56
BRI	414.0	400		Bristol		G		W002 43 03	IO81PJ	5558	3454	
BRI	470.0	4655	joi	Balikesir				E027 55 42	KM39XP	8244	5123	
BRK	408.0	1020	CÍV	Wien/Schwechat/Bruck				E016 43 00	JN88IB	6953	4321	49
BRL	218.0			Borroloola				E136 18 18	PH83DW	15451	9601	
BRL	225.0			Barcelos		В		W062 55 15	FI89MA	5236	3253	
BRM	320.0			Broome				E122 13 47	PH12CB	16489	10246	
BRN	322.0			Berane			N42 52 16	E019 54 12	JN92WU	7504	4663	52
BRO	340.0			UNID		?	NEO 65 1=	E004.04.04	100000		0555	
BRQ	374.0		iw	Shell Expro/Barque		IW		E001 31 31	J003S0	5722	3555	49
BRR	316.0	400	civ			G		W007 26 56	IO67GA	5057	3142	
BRR	375.0	1020		Barreiras		В	512 04 44	W044 59 54	GH77MW	7114	4420	142

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BRS	340.0	1020		Brasilia		В	S15 52 11	W048 01 18	GH54XD	7350	4567	147
BRS	358.0	0		Biscarrosse/Parentis		F	N44 22 00	W001 07 42	IN94KI	6011	3735	60
BRS	371.0	400	enr	Bremsnes for Kristiansund/Kvernberget		NOR	N63 05 05	E007 38 52	JP33TC	5643	3506	36
BRT	360.0	1020		Barretos		В	S20 34 56	W048 35 48	GG59QK	7803	4848	149
BRT	401.0			UNID		?						
BRU	380.0	1020		Baurú		В	S22 18 50	W049 06 26	GG57KQ	7959	4945	150
BRU	427.0	1020	civ	Braunschweig		D	N52 19 20	E010 36 22	JO52HH	6329	3933	47
BRV	526.0			Brasov			N45 42 54		KN25UR	7649	4753	46
BRW	281.0	400		Brewarrina			S29 58 29	E146 48 42	QG30JA	15685	9746	275
BRY	248.0	1020		Bardstown	KY		N37 50 52		EM77GU	842	523	219
BRY	277.0	0		Bray-sur-Seine		F	N48 24 22		JN18PJ	6092	3785	54
BRY	352.0			Yenisehir				E029 35 39	KN40TG	8296	5155	49
BRZ	400.0	1020	civ	Rijeka/Krk/Breza			N45 25 25	E014 20 43	JN75EK	6979	4337	52
BS	255.0	1020		Austin	TX		N30 05 23		EM10DC	2222	1380	233
BS	257.0		joi	Benghazi/Benina			N32 01 30		KM02DA	8325	5173	60
BS	276.0			Basco				E121 58 29	PL00XK	12554	7800	338
BS	285.0	0		Liyuantun			N35 25 00	E114 13 06	OM75CK	11113	6905	349
BS	300.5	U	mar	Belosarayskiy Bhubaneshwar			N46 53 00	E037 21 12 E085 48 51	KN86QV	8196	5093	40 45
BS BS	302.0 321.5		mar	Mys Breskens		IND			NL20VG	12745	7919 5632	15 329
BS	321.5		mai	Bissau/Oswaldo Vieira			N45 26 00 N11 57 36	E147 55 00 W015 38 36	QN35XK IK21EX	9063 7004	4352	100
BS	345.0			Kinmen			N24 25 35	E118 20 57	OL94EK	12225	7596	343
BS	374.0		civ	Bratsk				E101 46 42	0006VI	8894	5526	359
BS	374.0	400		Basle/Mulhouse		F	N47 34 48		JN37SN	6412	3984	53
BS	428.0	400	mil					E021 14 58	KN02OI	7626	4738	51
BS	520.0	1020		Budaörs				E018 59 00	JN97LK	7130	4431	48
BSA	335.0	1020		Bou Saada				E004 13 30	JM25CI	6937	4311	66
BSD	323.0		0.1	David's Head/Bermuda				W064 38 57	FM72QI	1818	1129	130
BSE	256.0		civ	Bucharest/Baneasa			N44 31 47		KN34CM	7769	4827	47
BSF	276.5			UNID		?						•
BSF	339.0		mil	Camp Pohakuloa/Bradshaw AAF (Army)	HI	USA	N19 45 48	W155 35 40	BK29ES	7418	4609	276
BSH	376.0		joi	Bisha		ARS	N19 58 42	E042 36 54	LK19HX	10809	6717	53
BST	278.0	1020	-	Belfast	ME	USA	N44 24 40	W069 00 39	FN54LJ	837	520	82
BST	428.0	0	mil	Lanveoc/Poulmic		F	N48 17 01	W004 25 56	IN78SG	5587	3472	57
BSU	318.0			Basankusu		ZAI	N01 12 44	E019 47 47	JJ91VF	10659	6623	83
BSV	370.0		civ	Besançon/La Vèze		F	N47 16 06	E006 12 12	JN37CG	6344	3942	54
BSW	521.0	1020	civ	Bucharest/Baneasa		ROU	N44 28 20	E025 57 07	KN24XL	7757	4820	47
ВТ	272.0	1020	civ	Battle Creek/Batol	MI	USA	N42 21 43	W085 11 03	EN72JI	496	308	252
ВТ	274.0			Bertoua		CME	N04 33 04	E013 43 00	JJ64UN	9917	6162	84
ВТ	279.0			Belet Uen				E045 10 57	LJ24OR	12304	7645	61
ВТ	284.0	1020		Baton Rouge/Rundi	LA			W091 12 40	EM40JN	1804	1121	219
ВТ	289.5			Bjargtangar		ISL		W024 31 42	HP75RM	4082	2537	35
BT	297.5		mar	Baumskiy/Baumi/Mys Burun-Tabiya				E041 38 30	LN01TP	8860	5505	41
BT	310.0	_		Hyderabad		IND		E078 31 16	MK97GL	12851	7985	23
BT	312.5	0	mar	Mys Taran				E019 58 54	JO94XX	6693	4159	41
BT	325.0	400		Malabo/Bata				E009 48 07	JJ41VV	9805	6093	89
BT	345.0	400		Malbork/Elblag				E019 08 03	JO94NA	6707	4168	42
BT	353.0	400	enr		\			E043 38 56	LN12TC	8925	5545	39
BT	382.0	400	a!	Burlington/Herro	VT	USA		W073 14 58	FN34JM	501	311	80
BT BT	413.0	1020	CIV	BOA-413 = BT + MA		1 ?	1144 34 06	E011 12 00	JN54ON	6832	4245	54
BT BT	423.0			UNID			NAE 57.00	E020 22 00	KNI4EOW	7040	4070	4.4
BT BT	440.0 696.0	400*	orr	Artsiz				E029 23 00 E046 35 00	KN45QW LO34HT	7843 7940	4873 4933	44 30
BT	696.0 795.0	400		Alatyr Betta				E046 35 00 E038 23 00	KN94EI		4933 5256	30 41
BTA	336.0	400		Bergen/Flesland/Bratta				E036 23 00 E005 18 02	JP20PB	8459 5652	3512	40
BTF	519.0	400	JOI	New Tempe				E005 16 02 E026 09 20	KG30BX	13380	8314	
DIF	518.0			ivew rempe		AFO	328 02 10	LUZU US ZU	NGOODA	13300	0314	102

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ВТН	373.0	1020				D	N54 20 18	E012 41 10	JO64II	6334	3936	44
BTH	383.0			Bathurst		AUS	S33 24 51	E149 39 25	QF46TO	15659	9730	269
BTI	308.0		mil	Barter Island (AF) Dew Line	AK	USA	N70 07 50	W143 38 38	BQ80ED	4532	2816	332
BTN	386.0	1020	civ	Britton	SD	USA	N45 49 09	W097 44 44	EN15DT	1458	906	285
BTN	421.0	1020		Batna		ALG	N35 32 42	E006 09 42	JM35BN	7066	4391	65
BTS	429.0	1020	civ	Dillingham/Wood River	AK	USA	N58 59 59	W158 32 54	BO09RX	5392	3351	317
BTU	368.0			Bintulu		MLA		E113 01 28	OJ63MC	14653	9105	343
BU	207.0			Pulau Batu		INS	S00 01 10	E098 17 48	NI99DX	15139	9407	3
BU	220.0			Bunyu		INS		E117 52 03	OJ83WK	14483	8999	337
BU	230.0	1020		Columbus/Boutn	ОН		N39 49 09		EM89JT	549	341	216
BU	231.0	1020	civ	Buffalo/Klump/Clarence	NY		N43 00 01	W078 39 03	FN03QA	119	74	146
BU	300.0			Bulgan				E103 29 08	ON18RU	9725	6043	358
BU	304.0			Bintulu				E113 01 50	OJ63ME	14644	9099	343
BU	310.0			Smolensk				E032 02 00	KO64AT	7304	4539	36
BU	321.0	1020	CIV	Burgas				E027 26 44	KN32RM	7993	4967	48
BU	340.0			Butare				E029 44 48	KI47UJ	11744	7298	78
BU	374.0			Burnham		NZL			RE66EJ	14426	8964	244
BU	386.0			Buonmathuot				E108 02 32	OK42AQ	13695	8510	351
BU	412.0			Beru		KIR		E176 00 03	RI88AN	11286	7013	279
BU	413.0		civ					E045 34 00	LJ29SM	11919	7406	58 10
BU	428.0		civ					E083 27 54 E103 32 24	NO13RI	9107	5659	
BU BU	500.0 515.0			Bulgan Baku/Bina				E103 32 24 E050 03 48	ON18SU LN50AM	9726 9381	6044 5829	358 36
BUB	377.0	1020			NE		N40 31 16 N41 46 29	W099 08 44	EN01KS	1623	1008	269
BUD	266.0	1020	CIV	Bundaberg	INL		S24 53 48	E152 19 14	QG65DC	14914	9267	277
BUG	430.0	1020	enr	Bugac			N46 40 39	E019 40 56	JN96UQ	7225	4489	49
BUH	260.0	1020	CIII	Anne Arundel	MD		N39 05 03	W076 45 36	FM190C	580	360	156
BUK	269.0	1020		Buka	IVID		S05 26 35	E154 40 02	QI74IN	13248	8232	293
BUK	425.0	1020		Ankara/Esenboga/Cubuk				E033 06 17	KN60NF	8506	5285	47
BUN	375.0	1020		Buenaventura		CLM			FJ13MT	4446	2763	176
BUN	380.0			Bunia		ZAI	N01 31 50		KJ51DM	11457	7119	75
BUP	348.0	1020	civ	Pittsfield/Burnham	ME	USA			FN54HQ	810	504	80
BUR	421.0			Burnham		G	N51 31 08	W000 40 38	IO91PM	5682	3531	52
BUR	440.0		civ	Bursa		TUR	N40 13 54	E029 00 18	KN40MF	8263	5135	49
BUT	397.0			Buta Zega		ZAI	N02 48 26	E024 46 23	KJ22JT	10929	6791	78
BUZ	341.0		joi	Bushehr		IRN	N28 57 45	E050 49 21	LL58JX	10488	6517	42
BV	201.0	1020		Bartlesville/Dewie	OK	USA	N36 50 22	W096 00 50	EM16XU	1606	998	247
BV	243.0			Bhavnagar		IND	N21 45 31	E072 10 36	ML61CS	12183	7570	28
BV	311.0		civ	Elista		RUS	N46 22 06	E044 23 42	LN26EI	8586	5335	36
BV	336.0	400		Quebec/Champlain/Orsainville	QC	CAN	N46 52 16	W071 16 53	FN46IU	720	448	60
BV	372.0	400		Brough		G	N53 43 31		IO93RR	5589	3473	49
BV	389.0	1020	civ	La Palma		CNR		W017 45 25	IL18CO	5661	3518	86
BV	391.0	0		Beauvais/Tillé		F		E002 01 48	JN19AL	5953	3699	53
BV	399.0			Berlevåg				E029 03 22	KQ40MU	6083	3780	22
BVG	352.0	1020	mil	Enterprise (Army)/Ft. Rucker/Boll Weevil	AL			W085 59 00	EM71AI	1507	936	205
BVI	405.0			Boa Vista		В		W060 41 31	FJ92PU	4910	3051	153
BVK	325.0			Buckland	AK			W161 08 58	AP95KX	5296	3291	327
BVK	362.0	400		Ørsta-Volda/Hovden/Baatvik				E005 48 36	JP22VF	5589	3473	37
BVN	332.0	1020		Albion/Alaby	NE			W098 03 10	EN01XR	1536		267
BVP	326.0			Houston/Nixin	TX			W095 12 54	EL29JX	2078	1292	
BVQ	260.0	1020		Glasgow/Beaver Creek	KY			W086 00 33	EM67XA	944		218
BVS	240.0	1020		Burlington/Skagit/Bay View	WA			W122 25 07	CN88SL	3311	2057	
BVT	341.0	1000		Boavista/Rabil	N 4 C			W022 53 17	HK86ND	6115		102
BVV	407.0	1020		Brookhaven  Bowling Croon/Nears	MS			W090 24 37	EM41TO	1668		219
BW BW	236.0			Bowling Green/Noora	KY		N36 52 48		EM66SV	980 11847	609	220
BW	258.0			Kamina Base		ΖAI	SUB 3/ 55	E025 12 53	KI21OI	11847	7362	86

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
BW	276.5	1020				D	N53 02 39	E008 40 12	JO43IB	6175	3837	47
BW	281.0			Bajawa		INS	S08 48 53	E121 00 13	PI01ME	15645	9721	327
BW	332.0			Bahawalpur		PAK	N29 21 00	E071 43 09	ML59UI	11381	7072	25
BW	375.0		civ	Balakovo		RUS	N51 52 00	E047 45 00	LO31VU	8248	5125	31
BW	380.0		civ	Moscow/Sheremetyevo		RUS	N55 59 06	E037 30 36	KO85SX	7464	4638	33
BW	600.0		civ	Jalal-Abad		KGZ						
BWK	397.0	1020		Bunkie	LA	USA	N30 51 56	W092 14 03	EM30VU	1832	1138	222
BWN	292.0			Bowen		AUS	S20 01 16	E148 12 55	QG49CX	14889	9252	
BWP	233.0	1020	civ	Wahpeton/Breckenridge	ND			W096 36 13	EN16QF	1372	853	
BWR	412.0	1020		Alpine/Brewster Co	TX	USA	N30 27 30	W103 38 49	DM80EK	2599	1615	
BWX	206.0	1020		Barrow Island			S20 51 23	E115 24 22	OG79QD	17107	10630	
вх	220.0	400		Lourdes-de-Blanc-Sablon/Blanc Sablon	QC		N51 25 17		GO11JK	1859	1155	55
BX	348.0		civ	Båtsfjord			N70 36 26	E029 42 47	KQ40UO	6119	3802	23
BX	353.0	1020		Bogalusa/Carma	LA		N30 52 54		EM50BV	1710	1063	
BX	359.0	_	iw	BP/Forties Delta		IW		E000 54 05	JO07KR	5510	3424	44
BX	393.0		civ	Mende/Brenoux		F		E003 32 30	JN14SL	6325	3930	58
BX	718.0	1020		Belgorod	<b>~</b> ^	RUS			KO80HO	7856	4881	37
BXG BXR	356.0 203.0	1020 1020		Waynesboro/Burke County	GA WI		N33 02 33 N45 49 17		EM83XB EN35TT	1225 1041	761 647	191 286
BY	212.0	400	civ	Siren/Big Doctor							1389	300
BY	212.0	400		Beechy Bareilly	SK	IND	N50 50 31 N28 25 00		DO60GU ML98RK	2235 11715	7279	19
BY	338.0			St Barthélémy				W062 51 05	FK87NV	3276	2036	146
BY	985.0	1020	civ	Brest		BLR	N52 05 24		KO12XC	7095	4409	42
BYC	368.0	1020		Bückeburg		D		E009 05 28	JO42NG	6241	3878	48
BYN	260.0	1020		3	ОН			W084 27 58	EN71SL	490	305	239
BYu	287.0		0	Konotop	0			E033 09 00	KO61NG	7633	4743	38
BYu	300.5		mar	Mys Bryusa			N42 52 54		PN52RV	9913	6160	
BYY	344.0	1020		Bay City	TX		N28 58 21		EL28BX	2206	1371	227
BZ	244.0			Yunhe		CHN	N28 05 00	E119 34 00	OL98SB	11803	7334	343
BZ	266.0	1020	civ	Bozeman/Manni	MT	USA	N45 52 19	W111 17 09	DN45IU	2508	1558	286
BZ	284.0			Bromley		ZWE	S18 04 02	E031 20 21	KH51QW	13039	8102	89
BZ	341.0	0	civ	Biarritz/Bayonne/Anglet		F	N43 28 14	W001 24 13	IN93HL	6041	3754	61
BZ	367.0	0		UNID		?						
BZ	386.0	400	mil	Brize Norton		G	N51 44 57	W001 36 06	IO91ER	5613	3488	52
BZ	393.0			Vijayawada		IND	N16 31 26	E080 47 17	NK06JM	13020	8091	21
BZ	393.0	1020		Clinton/Fossi	OK	USA		W099 12 05	EM05JK	1929	1199	248
BZ	407.0	1020	civ	Statesboro/Bullo	GA		N32 25 04	W081 39 43	EM92EK	1289	801	189
BZ	463.0			Severomorsk 3				E033 43 00	KP68UU	6358	3951	23
BZE	392.0	1020		Belize	ъ.	BLZ	N17 32 14		EK57UM	3039	1888	199
BZJ	328.0		mii	Bellgrove/Indiantown Gap (Army)	PA			W076 33 11	FN10RK	453		
BZK BZO	383.0	1020	civ.	Brookfield	МО	USA		W093 06 33	EM39KS	1222	759	
BZO BZP	362.0 331.0	1020 1020		Bolzano Galena/Bishop	AK	•		E011 19 19 W156 47 36	JN56PL BP14OR	6721 5131	4176 3188	53 325
C	235.0	1020	CIV	UNID	AIN	?	1104 44 09	W 130 47 30	BF 14OK	3131	3100	323
C	250.0		civ	Vladikavkaz/Beslan			N43 12 36	E044 34 36	LN23GF	8873	5514	38
C	250.0		civ	Irkutsk				E104 21 48	0022EG	9342	5805	
C	257.0			Gostomel/Antonov				E030 10 29	KO50CP	7529	4679	40
C	280.0		5	Bahia Blanca/Comandante Espora				W062 09 36	FF81WH	9312	5786	
C	280.0			Comodoro Rivadavia			S45 46 53		FE64GF	10004		
C	297.0		civ	Pieštany/Centr				E017 49 20	JN88VO	6984	4340	48
C	305.0			Ministro Pistarini			S34 49 01		GF05RE	8970	5574	
С	310.0	400	civ	Oulu				E025 24 00	KP24QW	6319	3926	29
С	313.0			Hongqiao				E121 20 00	PM01QF	11423	7098	
С	319.0	1020	mil	Přerov				E017 20 00	JN89QJ	6903	4289	47
С	326.0		civ	Debrecen			N47 28 31		KN07TL	7283	4526	47
С	352.0			Parduc		HNG	N47 20 44	E017 30 42	JN87SI	7049	4380	49

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
C	402.0	1170	•	Camaguay	J/F	CUB		W077 51 57	FL11BJ	2498	1552	176
C	410.0	1020	civ	La Coruña		E		W077 01 07 W008 21 39	IN53TH	5552	3450	64
C	442.0	1020	0.1	UNID		?	1440 10 20	77000 21 00	11400111	0002	0400	0-1
C	485.0		civ	Brest		-	N52 06 30	E023 53 54	KO12WC	7091	4406	42
C	529.0			Cherskiy		RUS		E161 18 00	RP08PS	6553	4072	
C	670.0		civ			RUS		E105 45 00	0026VU	8829	5486	357
C	705.0		civ					E032 00 42	KN69AJ	7719	4796	40
C	715.0			Čáslav		CZE		E015 26 00	JN79RW	6758	4199	47
C	718.0		civ			TKM		E053 00 30	LN60MB	9560	5940	34
C	900.0		civ	Kichmengskiy Gorodok		RUS	14-0 0- 00	2000 00 00	LITOONID	0000	00-10	0-1
C	985.0		civ				N53 56 00	E030 06 30	KO53BW	7279	4523	38
C	1035.0		civ				N56 06 00	E047 26 00	LO36RC	7860	4884	28
C	1180.0			Vytegra		RUS	1400 00 00	20 00	LOUGINO	7000	4004	20
C3	320.0		0.1	Beaverlodge Research Farm	AB		N55 12 00	W119 24 00	DO05HE	3098	1925	308
C7	362.0	400		Geraldton	ON		N49 46 20	W086 58 17	EN69MS	868	540	321
CA	268.0	100		Cochin Intl	0.1	IND		E076 16 44	MK80DA	13551	8420	28
CA	280.0			Cabinda			S05 37 00	E012 12 00	JI64CJ	10573	6570	93
CA	280.0	1020		Carasco			S34 47 05	W055 56 36	GF25AF	9033	5613	161
CA	281.0	400		Cartwright	NL		N53 42 38	W057 01 05	GO13LR	1964	1220	48
CA	293.0	100		Calcutta		IND		E088 26 24	NL42FO	12541	7793	12
CA	359.0	1020	civ				N38 43 32		IM58HR	5720	3554	70
CA	362.0	1020		Columbia/Murry	SC			W081 14 41	EM93JX	1113	692	189
CA	365.0	1020	0.1	Cirebon	00	INS	S06 41 53	E108 33 35	OI43GH	15810	9824	
CA	367.0			Kamigoto		J		E129 11 25	PM43OA	11007	6840	336
CA	395.0		enr	Ust-Kulom		RUS	N61 42 00	E053 42 00	LP61UQ	7569	4703	22
CA	395.0	1020		Newton/Harvs	KS			W097 16 34	EM18ID	1625	1010	
CA	480.0			UNID		?						
CAA	382.0	0	mil	Cazaux		F	N44 33 05	W001 07 12	IN94KN	6002	3729	60
CAA	392.0			Calga		AUS	S33 24 10	E151 12 41	QF56OO	15534	9652	
CAC	380.0	1020	enr	Cáceres		Ε	N39 31 44	W006 25 44	IM69SM	5895	3663	68
CAD	269.0	1020		Cadillac	МІ	USA		W085 24 51	EN74HG	479	298	277
CAE	275.0			Ben Slimane			N33 36 57	W007 06 48	IM63KO	6190	3846	74
CAE	320.0	400	pri	Caernarfon		G	N53 06 00	W004 20 24	IO73TC	5383	3345	51
CAG	338.0		enr	Curtea de Arges		ROU	N45 08 00	E024 41 00	KN25ID	7633	4743	47
CAG	371.0	1020		Cagliari/Elmas		- 1	N39 12 53	E009 05 51	JM49NF	7035	4371	60
CAI	302.0		•	Canouan		VCT	N12 41 46	W061 20 22	FK92HQ	3868	2404	148
CAM	290.0			Camiri		BOL	S20 00 12	W063 31 30	FG89FX	7259	4511	164
CAM	323.0	1020	mil	Cameri		- 1	N45 25 43	E008 42 03	JN45IK	6615	4110	55
CAM	332.5	400	civ	Cambridge		G	N52 12 39	E000 10 58	JO02CF	5704	3544	51
CAN	274.0	1020	civ	Bremerton/Carney	WA	USA	N47 24 38	W122 50 20	CN87NJ	3360	2088	292
CAO	332.0	1020		Clayton	NM	USA	N36 26 38	W103 08 58	DM86KK	2171	1349	256
CAR	323.0			Carnarvon		AUS	S24 53 12	E113 40 09	OG65UC	17587	10928	327
CAR	366.5	400	civ	Isle of Man/Ronaldsway/Carnane		G	N54 08 28	W004 29 30	IO74SD	5333	3314	50
CAR	380.0			Carrasco		URG	S34 46 06	W056 01 34	GF15XF	9029	5610	161
CAR	402.0	1020	enr	Carbonara		I		E009 30 33	JM49SC	7070	4393	60
CAS	328.0			Casablanca				W071 23 59	FF46HQ	8589	5337	173
CAS	332.0			Casino		AUS		E153 02 53	QG61MD	15116	9393	272
CAS	357.0		civ	Torino/Caselle		I	N45 07 24	E007 38 43	JN35TC	6564	4079	55
CAS	597.5	400		UNID		?						
CAT	235.0			Catamarca				W065 45 22	FG71CJ	8147	5062	
CAT	254.0	1020		Chatham	NJ			W074 25 47	FN20SR	543		129
CAT	262.0			St. Catherine		EGY		E034 03 36	KL78AQ	9514	5912	54
CAT	345.0	1020	civ	Catania/Fontanarossa		I	N37 27 25	E014 57 57	JM77LK	7560	4698	59
CAT	347.0	400		UNID		?						
CAV	220.0			Cascavel		В		W053 30 11	GG34FX	8076	5018	
CAV	387.0	1020		Clarion	IA	USA	N42 44 45	W093 45 32	EN32CR	1166	724	269

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CAX	400.0	1020	-	Rio de Janeiro/Duque de Caxias		В	S22 45 48	W043 20 51	GG87HF	8249	5126	146
CAY	292.0			Caycuma				E032 05 17	KN61BM	8345	5185	46
CAY	350.0			Cayes		HTI	N18 16 02	W073 46 59	FK38CG	2891	1796	168
СВ	225.0			Pondok Cabe		INS	S06 20 59	E106 46 05	OI33JP	15800	9818	350
СВ	245.0	400		Cambridge Bay	NU	CAN	N69 06 49	W105 00 54	DP79LC	3165	1967	341
СВ	263.0	1020		Canberra		AUS	S35 17 50	E149 11 26	QF44OQ	15799	9817	266
СВ	344.0		civ	Cochstedt/Schneidlingen		D	N51 51 35	E011 26 58	JO51RU	6405	3980	47
СВ	354.0			Coimbatore		IND		E077 02 50	MK81MA	13477	8374	27
СВ	396.0			Coxs Bazar		BGD	N21 27 05	E091 57 57	NL51XK	12716	7902	9
СВ	426.0	400	civ	Coimbra				W008 28 24	IN50SD	5708	3547	68
СВ	462.5			Cape Town			S33 52 34	E018 34 24	JF96GC	13113	8148	111
СВА	350.0			Cordoba			S31 18 35	W064 13 08	FF78VQ	8471	5263	167
CBA	395.0			Cobar			S31 32 24		QF28VL	15861	9856	274
CBB	200.0	400		Coonabarabran			S31 19 48	E149 16 14	QF48PQ	15570	9675	272
CBB	320.0	4000		Cochabamba	TV		S17 24 36	W066 10 32	FH62VO	6921	4301	166
CBC CBC	413.0	1020	civ	Anahuac	TX		N29 46 23 N19 41 24		EL29QS	2066	1284 1668	226
	415.0	1020		Cayman Brac	MD				FK09BQ	2684		181
CBE CBF	317.0 515.0	1020 1020		Cumberland Cabo Frio	MD	B	N39 38 53 S22 55 35	W078 44 50 W042 04 50	FM09PP GG87XB	476 8324	296 5172	173
CBG	350.0	1020	civ	Cambridge	MN		N45 33 27		EN35IN	1108	688	284
CBL	278.0	1020	CIV	Ciudad Bolivar	IVIIN		N08 07 09	W063 32 03	FJ88FC	4256	2644	154
CBL	380.0	400	civ	Campbeltown		G	N55 26 08	W005 32 03 W005 41 17	IO75DK	5213	3239	48
CBN	374.0	400	pri			G	N55 58 32		IO85AX	5296	3291	47
CBP	341.0	100	P.	Coober Pedy		AUS		E134 43 26	PG70IX	16575	10299	288
CC	235.0			Cilacap		INS		E109 02 07	Ol42MI	15904	9882	346
CC	286.0			Cape Campbell		NZL	S41 44 02	E174 16 20	RE78DG	14193	8819	245
CC	289.0			UNID		?						
CC	301.0			Chakhcharan		AFG	N34 32 00	E065 16 00	MM24PM	10616	6596	29
CC	305.0			Cocos (Keeling) Island Intl		ICO	S12 08 42	E096 49 11	NH87JU	16467	10232	7
CC	325.0			Cochin		IND	N09 57 50	E076 16 55	MJ89DX	13559	8425	28
CC	335.0	1020	civ	Concord/Kanan	CA	USA	N38 02 47	W122 02 00	CM88XB	3601	2238	275
CC	345.0		civ	Cherkasy		UKR	N49 22 24	E032 02 06	KN69AI	7722	4798	40
CC	351.0			UNID		?						
CC	389.0	1020	civ	Charleroi/Gosselies			N50 28 08	E004 29 05	JO20FL	6058	3765	51
CC	391.0		civ	Chalon/Champforgeuil		F	N46 43 18	E004 50 36	JN26KR	6286	3906	55
CC	493.0	400		UNID		?						
CCH	375.0	1020	civ			E	N40 54 09	W001 17 54	IN90IV	6193	3848	64
CCI	345.0	4000		Cucuí	011	В	N01 10 59		FJ61NE	4894	3041	162
CCJ	341.0		CIV	Springfield/Clark Co	ОН	USA		W083 46 45	EM89CU	573	356	220
CCK	248.0	400		Church Creek			S35 27 51 S20 39 56		QF44OM	15807	9822	266
CCY	264.0 375.0	1020 1020		Cloncurry Charles City	IA		S20 39 56 N43 04 07	E140 30 04 W092 36 30	QG09GI	15524 1067	9646 663	292 270
CD	375.0	1020		Charles City Jianqiao	iA			E120 09 48	EN33QB PM00BH	11550	7177	
CD	341.0	1020	civ	Cold Bay/Elfee	AK			W162 47 21	AO85OH	5783	3593	314
CD	359.0	1020		Villacisneros	AIN			W015 55 00	IL23AR	6131	3810	89
CD	362.0	1020	0.1	Chadron/Dawes	NE			W103 10 30	DN82JS	1921		
CD	422.0	1020		Qingbaikou				E115 48 00	ON70VA	10587	6578	348
CD	430.0		iw	Shell Expro/Cormorant Alpha		IW		E001 04 16	JP01MC	5394	3352	40
CD	470.0			Mirgorod				E033 39 00	KN69TW	7761	4823	39
CDE	200.0	1020		Ciudad del Este			S25 28 44		GG24NM	8081	5021	157
CDF	388.5		civ			G	N51 23 59		IO81HJ	5518	3429	53
CDH	335.0	1020		Camden	AR	USA	N33 36 49	W092 46 03	EM3300	1621	1007	230
CDI	223.0		civ	Cambridge	ОН	USA	N39 58 00	W081 35 00	EM99EX	471	292	203
CDN	263.0	1020	civ	Camden	SC	USA	N34 17 03	W080 33 42	EM94RG	1071	666	186
CDN	359.5	0	mil	Châteaudun		F	N48 03 45	E001 21 49	JN08QB	5984	3718	55
CDO	341.0			Caicara de Orinoco		VEN	N07 37 51	W066 10 10	FJ67VP	4221	2623	158

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CDO	401.0			Condobolin	•			E147 12 57	QF36OW	15836	9840	271
CDT	391.0			Condoto		CLM	N05 04 26	W076 40 34	FJ15PB	4310	2678	176
CDU	293.0			Ceduna		AUS	S32 07 36	E133 43 37	PF67UU	16855	10473	284
CDX	388.0	1020		Somerset/Cumberland River	KY	USA	N36 59 47	W084 40 52	EM76PX	885	550	212
CE	201.0		civ	Crestview/Kobra	FL	USA	N30 51 11	W086 32 12	EM60RU	1576	979	206
CE	205.0			Kuala Lumpur		MLA	N03 17 47	E101 27 07	OJ03RH	14777	9182	359
CE	212.0			UNID		?						
CE	254.0	1020		San Pedro		CHL	S36 51 27	W073 06 50	FF33KD	8966	5571	175
CE	257.0		civ	Cherskiy		RUS	N68 45 54	E161 13 48	RP08OS	6554	4073	338
CE	288.0		mar	Ceuta/Dique de Poniente		CEU	N35 53 48	W005 18 36	IM75IV	6190	3846	71
CE	319.0			UNID		?						
CE	371.0			Chernigov		UKR	N51 24 00	E031 10 00	KO51OJ	7522	4674	39
CE	372.0	1020	civ	Osijek/Cepin		HRV	N45 31 42	E018 33 36	JN95GM	7236	4496	50
CE	428.5		iw	Talisman/Claymore Accomodation Platform		IW	N58 26 57	W000 15 28	IO98UK	5418	3367	43
CE	510.0		enr	Maksimkin Yar		RUS	N58 38 00	E086 44 00	NO38IP	8569	5325	7
CE	510.0			Poltava		UKR	N49 38 00	E034 29 00	KN79FP	7827	4864	39
CED	282.0	1020		UNID (Isla de Cedros MEX?)		?						
CEK	328.0			Cekmece			N41 00 27	E028 31 45	KN41GA	8174	5079	49
CEK	420.0	1020		Crete	NE	USA	N40 37 27	W096 55 39	EN10MO	1484	922	262
CEL	311.0	1020		Celle		D	N52 35 23	E010 01 46	JO52AO	6280	3902	47
CEP	278.0	1020		Ruidoso/Capitan	NM			W105 24 16	DM73HL	2521	1566	
CEP	1620.0		civ	Concepcion			S16 08 06	W062 01 36	FH83XU	6880	4275	161
CET	390.0			UNID		?						
CEU	257.0	1020		Clemson/Seneca	SC		N34 40 26	W082 53 13	EM84NQ	1065	662	
CEU	300.0			Ceuta			N35 53 33	W005 18 20	IM75IV	6190	3846	71
CEV	275.0	4000		Connersville	IN	USA	N39 41 51	W085 08 04	EM79KQ	663	412	
CEV	387.0	1020	mii	Cervia		ı		E012 10 48	JN64CG	6915	4297	54
CF CF	265.0 275.0	1020		Confins/Belo Horizonte/Vespa Cafunfo		В		W043 54 46	GH80BH	7919	4921	145
CF	345.5	1020	mil	Čáslav/Chotusice/"Centograf"		AGL CZE		E018 00 00 E015 25 58	JI91AF JN79RV	11278 6759	7008 4200	91 47
CF	358.0	1020	iw	Conoco Logger		IW	N53 00 54	E004 13 03	JO23CA	5912	3674	49
CF	367.0			Clermont-Ferrand/Aulnat		F	N45 48 18	E003 21 42	JN15QT	6239	3877	57
CF	392.0	1020	civ	Chesterfield/Pubbs	VA		N37 20 00	W077 27 12	FM17GH	748	465	166
CFJ	388.0			Crawfordsville	IN		N39 58 51	W086 54 57	EM69NX	756	470	
CFL	215.0			Calama			S22 29 37	W068 54 11	FG57NM	7429	4616	169
CFM	340.0			Capitan Fuentes Martinez		CHL	S53 14 48	W070 21 08	FD46TS	10799	6710	175
CFN	361.0	1020	pri	Donegal/Carrickfin		IRL	N55 02 38	W008 20 21	IO55TB	5065	3148	50
CFP	420.0		•	CFP		UAE	N24 31 00	E053 38 00	LL64TM	11053	6868	42
CFS	330.0		iw	Texaco/Captain Storage FPSO		IW	N58 18 17	W001 44 41	IO98DH	5341	3319	44
CFV	212.0	1020	civ	Coffeyville	KS	USA	N37 05 45	W095 34 26	EM27FC	1557	968	247
CFX	239.0	1020		Cadiz	ОН	USA	N40 14 12	W081 00 47	EN90LF	426	265	198
CFY	420.0	1020	civ	Lake City/Evans	SC	USA	N33 51 22	W079 45 57	FM03CU	1115	693	182
CG	227.0	1020		Castlegar/Nelson	ВС	CAN	N49 26 50	W117 34 30	DN19FK	2948	1832	296
CG	228.0			Chandigarh		IND	N30 39 59	E076 47 56	MM80JP	11403	7086	21
CG	248.0	1020	civ	Cape Girardeau/Dutch	MO	USA	N37 15 12	W089 42 02	EM57DG	1137	707	233
CG	278.0	1020		Coolangatta		AUS	S28 09 53	E153 30 04	QG61SU	15035	9342	273
CG	298.0			Kulyab		TJK	N37 56 01	E069 47 00	MM47VW	10429	6480	24
CG	325.0			UNID		?						
CG	339.0			Tianjin		CHN	N39 04 24	E117 22 42	OM89QB	10661	6625	347
CG	352.0	400		Arlanda		S		E017 55 15	JO89XM	6310	3921	37
CG	371.0			Chernigov			N51 24 00	E031 10 00	KO51OJ	7522	4674	39
CG	445.0			UNID		?						
CGC	354.0		mil	Cognac/Châteaubernard		F		W000 18 22	IN95UQ	5998	3727	58
CGE	355.0	1020		Cambridge/Dorchester	MD			W076 01 55	FM18XM	661	411	153
CGL	212.0	1020	CIV	Coghlan Island	AK		N58 21 33	W134 41 58	CO28PI	4049	2516	
CGM	255.0			Chiang Mai		ΙΗΑ	N 18 45 35	E098 58 02	NK98LS	13065	8118	2

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CGO	343.0	400	civ	Paris/Charles de Gaulle		F	N48 59 15	E002 24 02	JN18EX	6003	3730	54
CGQ	344.0	1020	civ	Corsicana/Powell	TX	USA	N32 03 51	W096 25 41	EM12SB	1980	1230	234
CGR	270.0	1020		Campo Grande		В	S20 31 50	W054 43 58	GG29PL	7566	4702	155
CGZ	370.0	400	civ	Paris/Charles de Gaulle		F	N49 00 18	E002 44 24	JN19IA	6024	3743	53
Ch	260.0		civ	Norilsk/Alykel		RUS	N69 17 24	E087 17 42	NP39PG	7405	4601	5
Ch	456.0			UNID		?						
СН	240.0	1020		Brasilia/Cocho		В	S15 51 39	W047 53 07	GH64BD	7355	4570	147
СН	265.0		enr	Christianshåb/Qasigiannguit			N68 49 30		GP48JT	3215	1998	21
СН	282.0			Chimoio				E033 26 00	KH60RV	13281	8253	89
СН	311.0			Coffs Harbour				E153 07 02	QF69NQ	15200	9445	270
CH	329.0	1020		Charleston/Ashly	SC		N32 58 35	W080 05 51	EM92WX	1213	754	183
CH	346.0	0	CÍV	Chambéry/Aix-les-Bains		F		E005 53 06	JN25WO	6419	3989	56
CH	347.0			Chitose		J		E141 40 46	QN02UQ	9581	5953	331
CH	350.0	400		Chitato				E020 49 00	KI02JO	11401	7084	88
CH	388.5	400	CIV	Amsterdam/Schiphol				E004 33 30	JO22GF	5973	3711	49
CH	402.5	4000		Cookhouse				E025 46 55	KF27VF	13590	8445	106
CH	525.0	1020		Cherniakhiv				E028 41 36	KO40IK	7465	4638	41
CH	1050.0			Vladikavkaz/Beslan				E044 32 18	LN23GF	8871	5512	38
Ch CHA	213.0		CIV	Mary-1				E061 53 00	MM07WO	10177 6884	6324 4277	30 169
CHA	310.0 418.0			Charana UNID		ВОL ?	317 33 22	W069 26 20	FH52GJ	0004	4211	109
CHA	520.0	1020		UNID		? ?						
СНВ	280.0	1020		China Bay		•	N08 32 01	E081 11 07	NJ08OM	13881	8625	23
ChC	393.0	1020		Belaya Tserkov				E030 01 00	KN59AT	7584	4712	41
ChC	713.0			Kazan				E049 08 00	LO45NU	7944	4936	28
CHC	272.0	1020	civ	Columbus/Grens/Grandview	ОН		N40 00 36		EN80LA	523	325	216
ChD	740.0	1020	0.1	Melitopol	011			E035 18 00	KN76PU	8091	5028	41
CHD	407.0	1020	civ	·	ΑZ			W111 48 29	DM43CG	3031	1884	258
ChE	790.0		0	Beltsy				E027 46 00	KN37VT	7610	4729	44
CHE	323.0			Chena			S33 35 07		FF46OJ	8625	5359	173
CHE	397.0	1020		Cherchell				E002 11 36	JM16CO	6707	4168	66
Chl	406.0			Balashov		RUS	N51 32 00	E043 18 00	LO11PM	8088	5025	33
CHI	221.0	940	civ	Los Chiles		CTR	N11 02 18	W084 42 36	EK71PA	3676	2284	190
CHI	408.0	1020	enr	Chioggia for Venezia/Tessera		1	N45 04 19	E012 16 53	JN65DB	6870	4269	53
CHI	411.0			Chillan		CHL	S36 35 20	W072 01 45	FF33XJ	8944	5558	174
ChJ	453.0			UNID		?						
ChK	362.0			Sevastopol-Belbek		UKR	N44 42 00	E033 34 00	KN64SQ	8173	5078	43
ChK	450.0			Uman		UKR	N48 49 00	E030 13 00	KN58CT	7669	4765	42
ChL	303.5		mar	Mys Chirikova		RUS	N59 29 00	E150 32 00	QO59GL	7670	4766	335
ChL	518.0			Nezhin		UKR	N51 05 00	E031 52 00	KO51WB	7581	4711	39
CHL	400.0			UNID		?						
ChM	430.0	1020		UNID		?						
ChN	306.5		mar	Mys Chibuynyy/Ostrov Shumshu				E156 11 54	QO80CS	8224	5110	
CHN	261.0	1020		Wauchula	FL			W081 53 00	EL97BM	1831	1138	188
СНО	325.0			Shell Expro/Schooner		IW		E002 04 35	JO14AB	5734	3563	48
CHO	375.0	1020		Chociwel				E015 19 59	JO73PL	6533	4059	44
ChP	303.5			Mys Chaplina				E172 14 18	RP64CJ	6486	4031	
ChP	535.0		CIV	Norilsk/Alykel				E087 15 18	NP39PG	7407	4603	5 174
CHP	265.0	1000		San Martin de Los Andes	MO			W071 08 50	FE49KW	9338		174
CHQ	208.0	1020		Charleston Nikelayay Kulhakaya	МО			W089 21 24	EM56HU	1147	713	230
ChS	329.0	400	۰	Nikolayev-Kulbakovo				E032 06 00	KN66BW	7916	4919	42 52
CHT CHT	277.0 375.0	1020	enf	Chiltern for Northolt Chillicothe	МО	G USA		W000 31 06 W093 29 39	IO91RO EM39GS	5687 1250	3534 777	52 253
ChU	439.0	1020	civ	Mary-1	IVIO			E061 53 36	MM07WN	10181	6326	30
CHU	209.0	1020		Caledonia	MN			W091 29 26	EN43GO	969		272
ChW	294.5	1020		Zaliv Chayvo	IVIIN			E143 12 00	QO12OU	8537	5304	
J.177	204.0		mal	Lant Shayto		00	.102 01 00	_1-0 12 00	QU 1200	5551	JJJJ-	555

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CHX	214.0	1020	•	Choix	J 0//		N26 42 59	W108 19 50	DL56UR	3217	1999	243
CHY	353.0		enr	Chailley		F	N48 00 30	E003 41 48	JN18UA	6139	3815	54
CI	217.0			Cochin Intl.		IND	N10 09 04	E076 28 59	MK80FD	13547	8418	28
CI	257.0	1020		Chichijima		J	N27 05 21	E142 12 49	QL17CC	11076	6882	323
CI	322.0	1020		Chatham Islands		NZL	S43 57 19	W176 33 58	AE16RB	13667	8492	239
CI	326.0		civ	Ust-Kut		RUS	N56 50 06	E105 48 18	OO26VU	8830	5487	357
CI	326.0	1020	civ	Cedar Rapids/Cindy	IA	USA	N41 53 08	W091 48 09	EN41CV	1032	641	262
CI	377.0			UNID		?						
CI	400.0	1020	civ	Sault St. Marie/Koloe	MI	USA	N46 19 57	W084 32 32	EN76RH	483	300	
CIA	362.0			Clark		PHL	N15 12 34	E120 34 17	PK05GF	13152	8172	338
CIA	380.0	1020		Cuiabá		В	S15 39 18	W056 07 13	GH14WI	7008	4355	155
CIA	412.0	0	joi	Roma/Ciampino		I		E012 33 39	JN61GU	7097	4410	56
CIG	363.0	1020		S .			N38 31 51		KM38MM	8273	5141	51
CII	269.0	1020	CÍV	Choteau	MT		N47 49 21	W112 10 16	DN37VT	2558	1589	
CIJ	230.0			Cobija			S11 03 54	W068 47 52	FH58OW	6181	3841	167
CIL	388.0			Cocos (Keeling) Island		ICO	S12 10 15	E096 49 16	NH87JT	16470	10234	7
CIN	350.0	4000	<b>_:</b>	Curtin	1.4	AUS		E123 49 51	PH12VK	16367	10170	
CIN CIR	397.0 397.0	1020 1020		Carroll Cairo	IA IL			W094 47 07 W089 13 24	EN22OB EM57JB	1265 1122	786	266 231
CIT	850.0	400		Cranfield	IL	G	N52 07 49	W009 13 24 W000 33 25	IO92RD	5661	3518	51
CII	240.0	400	CIV	Springfield/Calde	IL		N39 47 49	W089 35 31	EM59ET	956	594	
CJ	360.0	400		Chunchon	IL.			E127 43 29	PM37UV	10544	6552	
CJ	363.0		nri	Asab				E054 13 12	LL73CH	11199	6959	42
CJ	436.0		рп	UNID		?	1423 10 00	L004 10 12	LL75011	11133	0000	72
CJJ	293.0	1020	civ	Cresco	IA		N43 21 58	W092 07 52	EN33WI	1024	636	271
CJN	362.0	1020		Castejón		E		W002 31 22	IN80RJ	6134	3811	65
CJN	415.0			Cerrejon				W072 30 24	FK31RF	3681	2287	167
CJR	252.0	1020	civ	Culpeper	VA	USA	N38 31 51	W077 51 29	FM18BM	611	380	167
CJY	275.0	1020	civ	Utica/Clay	NY	USA	N43 03 10	W075 15 51	FN23IB	352	219	104
CK	291.5		mar	Tsyp Navolokskiy		RUS	N69 44 12	E033 05 48	KP69NR	6280	3902	23
CK	335.0	1020	civ	Clarksville/Snuff	TN	USA	N36 31 37	W087 23 11	EM66HM	1060	658	222
CK	345.0		civ	Cherkasy		UKR	N49 27 24	E031 57 42	KN59XK	7712	4792	40
CK	441.0	1020		Přerov/"Cvrček"		CZE	N49 24 25	E017 20 21	JN89QJ	6903	4289	47
CKC	358.0			Grand Marais/Cook County	MN	USA	N47 50 24	W090 23 08	EN47TU	954	593	301
CKI	404.0	1020	civ	-	SC			W079 51 18	FM03BR	1130	702	
CKL	200.0	1020		Clackline		AUS		E116 33 42	OF88GH	18065	11225	
CKM	341.0	1020		Clarksdale	MS		N34 17 35	W090 30 57	EM44RH	1430	888	
CKN	260.0			Cooktown			S15 28 54	E145 14 54	QH24OM	14763	9173	
CKN	400.0	1020	CIV	Crookston	MN			W096 36 57	EN17QU	1399	869	
CKP	423.0	1020		Cherokee/Pilot Rock	IA			W095 33 11	EN22FR	1310		270
CL CL	200.0 207.0	400	mil	Kisarazu Charlo/Dundee (RCAE)	NB	J		E139 54 17 W066 26 13	PM95WJ FN68SA	10367 1106	6442 688	329 61
CL	242.0			Charlo/Dundee (RCAF) Charlotte/Tryon	NC			W081 01 13	EM95LD	979	609	
CL	253.0	1020	CIV	Chileka	NC			E034 57 29	KH74LH	13155	8174	85
CL	260.0	1020	civ	College Station/Rowdy	TX			W096 20 16	EM10TL	2103	1307	
CL	262.0	1020	0.1	UNID	17	?	1400 20 07	W000 20 10	LIVITOTE	2100	1007	201
CL	275.0			Carolina			S26 05 31	E030 05 47	KG53BV	13497	8387	97
CL	303.0			Calicut		IND		E075 56 52	MK71XD	13424	8341	28
CL	328.0	400	civ	Carlisle		G		W002 48 12	IO84OW	5405	3358	48
CL	344.0	1020		Cleveland/Harri	ОН			W081 57 52	EN91AI	351		217
CL	348.0			Cahors/Lalbenque		F		E001 25 00	JN04RJ	6186	3844	59
CL	350.0			Camly		VTN	N11 56 48	E108 24 52	OK41EW	13770	8556	351
CL	445.0	1020		UNID		?						
CL	475.0			UNID		?						
CL	515.0	1020	civ	Port Angeles/Elwha	WA	USA	N48 08 33	W123 40 13	CN88DD	3408	2118	294
CLA	324.0		iw	Britoil/Clyde Alpha		IW	N56 27 07	E002 17 13	JO16DK	5641	3505	45

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CLB	216.0	1020	civ	Wilmington/Carolina Beach	NC		N34 06 23	W077 57 42	FM14AC	1094	680	173
CLD	227.0	1020	0.1	Caldera	.,,			W070 49 07	FG42OW	7907	4913	172
CLD	480.0	.020	civ	Aydin/Cildir				E027 53 12	KM37WT	8383	5209	51
CLI	209.0	1020		Clintonville	WI			W088 43 59	EN54PO	745	463	279
CLJ	513.0	700	civ					E023 27 28	KN16RS	7442	4624	47
CLK	320.0	1020		Clinton	OK	USA	N35 32 21	W098 56 06	EM05MM	1904	1183	248
CLO	210.0	1020		Cali			N03 23 55		FJ13TJ	4496	2794	175
CLT	376.0			UNID		?						
CLT	394.0		iw	BP Exploration/Cleeton		IW	N54 01 59	E000 43 36	JO04IA	5655	3514	48
CLW	400.0		iw	Maersk Curlew FPSO		IW	N56 44 03	E001 17 43	JO06PR	5572	3462	45
CM	257.0		civ	Cherskiy		RUS	N68 47 24	E161 20 30	RP08QS	6549	4069	338
CM	275.0		civ	Hancock/Galey/L Linden	MI	USA	N47 06 57	W088 24 04	EN57TC	785	488	300
CM	300.0			Ganzhou		CHN	N25 50 00	E114 55 00	OL75LT	12146	7547	346
CM	312.5		mar	Ostrova Malyy Olen'i Rear Ldg		RUS	N73 25 48	E080 30 42	NQ03GK	6900	4288	6
CM	330.0			Comilla		BGD	N23 26 10	E091 11 16	NL53OK	12489	7760	9
CM	369.0		civ	Avignon/Caumont		F		E004 54 19	JN23KV	6453	4009	58
CM	391.0	1020			ОН			W082 45 16	EM89OX	513	319	213
CM	407.0	1020		. 0	IL		N39 57 58	W088 10 57	EM59VX	844	525	242
СМ	445.0		civ	Kichmengskiy Gorodok		RUS						
СМ	488.5	1020		UNID		?						
CMC	326.0		iw	North Sea Production/MacCulloch		IW	N58 19 23		JO08IH	5477	3403	43
CMJ	396.0	1020	civ	Ketchikan/Clam Cove	AK	USA			CO45DI	3879	2410	308
CML	387.0			Clonmel		IKL	N52 27 14		IO62GK	5210	3237	53
CMO	389.0			Genoa/Sestri/Camogli				E009 10 16	JN44OI	6712	4171	56
CMP	301.5			Campagnano	۸ ۱۷	I I CA		E012 22 49	JN62ED	7068 4874	4392 3028	56 319
CMQ CMT	338.0 209.0	1020 1020	CIV	Anchorage/Campbell Lake Clermont	AK			W150 02 52 E147 37 30	BP41XE QG37TF	15136	9405	283
CMU	218.0	1020		Cunnamulla				E147 37 30	QG37TF QG21TX	15656	9728	279
CMW	254.0	1020		Camooweal				E138 07 01	PH90BC	15640	9718	296
CMY	412.0	1020	mil	Sparta/Mc Coy (Army)	WI			W090 38 31	EN43QW	898	558	274
CN	235.0	400		Cochrane	ON		N49 04 49	W080 56 41	EN99MB	587	365	349
CN	281.0	400		Camden	0.1		S34 02 19		QF55IX	15611	9700	267
CN	310.0		mar	Ilha Caviana de Dentro/Canivete		В		W050 24 53	GJ40TM	5601	3481	
CN	355.0			Carnicobar		IND	N09 09 07	E092 49 56	NJ69JD	14079	8748	9
CN	378.0	1020	civ	Waco/Leroi	TX	USA	N31 44 27	W097 04 41	EM11LR	2048	1273	235
CN	475.0			Kanatovo		UKR	N48 38 00	E032 23 00	KN68EP	7798	4845	41
CN	514.0		civ	Irkutsk		RUS	N52 17 06	E104 19 36	OO22DG	9341	5804	358
CN	805.0			Chernivtsi		UKR	N48 17 54	E025 57 00	KN28XH	7474	4644	44
CNA	330.0	1020		Carolina		В	S07 19 23	W047 27 36	GI62GQ	6522	4053	142
CNB	305.0	1020		Cana Brava		В	S13 32 37	W048 11 41	GH56VK	7108	4417	146
CNC	335.0	1020	civ	Chariton	IA		N41 01 00		EN31HA	1186	737	259
CNE	397.0		civ	•				E006 43 38	JM36IE	7065	4390	64
CNE	404.0		civ	Caen/Carpiquet		F		W000 19 17	IN99UC	5820	3616	55
CNH	233.0	1020	civ		NH		N43 22 10		FN33TI	575	357	93
CNK	335.0	1020		Concordia	KS			W097 39 04	EM19EN	1585	985	259
CNK	422.0		mil	Canakkale			N40 08 27		KN30FD	8113	5041	50
CNL	315.0	4000		Bandaranaike				E079 57 03	MJ97XG	13973	8683	25
CNL	380.0	1020		Kénitra			N34 17 14		IM64QG	6187	3844	73
CNL	404.0		enr	Connel/Oban		G	N56 27 48	W005 23 42	IO76HL	5195	3228	47
CNM	206.0	400	ci.	Conamble	NIE		S30 58 28	E148 22 49	QF49EA	15620	9706	273
CNP	383.0	1020		Chappell  Respekt/Callabor	NE		N41 04 36	W102 27 32	DN81SB	1910	1187	
CNQ	379.0 371.0	1020		Roanoke/Callahan	VA		N37 15 41		EM97WG	739 6515	459	185
CNU	371.0	400	CIV	Oujda/Angads			N34 47 59	W001 53 59	IM94BT IM74VE	6515	4048	70 72
CNV CNY	270.0 293.0			Touahar Century Mine			N34 11 50 S18 45 14	W004 10 44 E138 42 11	PH91IF	6380 15504	3964 9634	72 296
CNY	332.0		civ	Casablanca/Anfa			N33 30 42		IM63DM	6152	3823	296 75
0141	JJZ.U		CIV	Odsasianoa/Ania		WIRC	1100 00 42	VVUU/ 41 UU	UNIOSPINI	0102	3023	13

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CNZ	267.0	1020	joi	Marrakech/Ménara	O/I		N31 36 02	W007 57 52	IM61AO	6249	3883	77
CNZ	281.0	1020	civ		TX		N34 58 00	W100 52 00	DM94NX	2084	1295	
СО	216.0		civ	Concord/Epsom	NH	USA	N43 07 08	W071 27 09	FN43GC	653	406	95
СО	220.0			Co		TWN	N22 34 36	E120 17 48	PL02DN	12375	7689	341
СО	232.0	1020	civ	Indianapolis/Colfa	IN	USA	N39 39 25	W086 11 08	EM69VP	731	454	232
CO	284.0			Cotonou/Cadjehoun		BEN	N06 22 15	E002 24 09	JJ16EI	8870	5512	91
СО	337.0			Cooch Behar		IND	N26 19 50	E089 28 57	NL46RH	12147	7548	11
CO	347.0	1020	civ	Coeur D'Alene/Leeny	ID	USA	N47 44 34	W116 57 40	DN17MR	2917	1812	292
CO	350.0		civ	Turkmenbashi		TKM	N40 06 30	E052 59 37	LN60LC	9556	5938	34
CO	407.0	1020	civ	Columbia/Zodia	MO	USA	N38 43 00	W092 16 07	EM38UR	1215	755	246
CO	407.0	1020	civ	Colorado Springs/Petey	CO	USA	N38 41 39	W104 42 59	DM78PQ	2184	1357	263
CO	426.0		civ	Compiègne/Margny		F	N49 25 54	E002 48 12	JN19JK	6006	3732	53
CO	465.0			Choibalsan		MNG	N48 07 02	E114 42 52	ON78IC	9717	6038	351
CO	485.0		civ	Mogilyov		BLR	N53 55 36	E030 08 42	KO53BW	7281	4524	38
COC	322.0			Coca		EQA	S00 27 42	W076 59 12	FI19MM	4919	3057	177
COD	400.5	1020	enr	Codogno		I	N45 13 35	E009 32 28	JN45SF	6682	4152	55
COE	355.0			Coetivy		SEY	S07 08 46	E056 16 42	LI82DU	14100	8761	60
COE	404.0			Coen		AUS	S13 45 58	E143 07 02	QH16NF	14779	9183	297
COG	428.0			Orange	VA	USA	N38 13 08	W078 08 30	FM08WF	640	398	
COI	247.0		civ	Merritt Island	FL		N28 20 27	W080 41 18	EL98PI	1730	1075	
COL	203.0			Colonia			S34 27 14	W057 46 12	GF15CN	8950	5562	162
COL	380.0	1020		Barra del Colorado				W083 35 00	EK80ES	3694	2296	187
COM	293.0			Cooma		AUS	S36 21 14	E148 57 27	QF43LP	15872	9862	
СОМ	335.0			Comandatuba		В	S15 21 39	W039 00 05	HH04LP	7743	4811	138
СОМ	349.5	400	pri	•		G	N50 57 58	W002 09 19	IO80WX	5613	3488	53
СОМ	385.0	1020	civ	Coleman	TX		N31 50 29	W099 24 22	EM01HU	2197	1365	
CON	405.0	1020		Concepcion			S23 26 18	W057 25 06	GG16GN	7788	4839	159
COO	326.0	1020		Covington	TN		N35 35 23	W089 35 14	EM55EO	1265	786	
COP	278.0	4000		Coposa			S20 44 38	W068 41 22	FG59PG	7241	4499	169
COQ	335.0	1020	civ	•	MN		N46 41 50	W092 30 12	EN36RQ	1068	664	
COR COR	205.0	1020		Corcoran	CA		N36 03 58	W119 32 14	DM06FB	3495	2172	
COR	358.0 366.0		oiv	Carora Córdoba		VEN E	N10 10 49 N37 50 34	W070 03 54 W004 50 49	FK40XE IM77NU	3845 6109	2389 3796	164 69
COR	380.0		CIV	Corowa		AUS	S35 59 15	E146 21 26	QF34EA	16061	9980	
COR	388.0	400	onr	Corner for Bromma		S	N59 15 41	E017 29 03	JO89RG	6305	3918	38
COT	201.0	400	CIII	Coto 47		CTR	N08 36 10	W082 58 05	EJ88MO	3926	2439	186
COV	360.0		civ	Covilha			N40 17 53	W002 36 03 W007 25 38	IN60GH	5779	3591	67
CP	208.0		CIV	Camopi				W052 20 04	GJ33TE	5242	3257	142
CP	218.0			Chipata				E032 35 05	KH66HK	12808	7959	85
CP	268.0			UNID		?	0.00002	2002 00 00	141001114	12000	, 000	00
CP	279.0			Chumphon			N10 43 04	E099 21 58	NK90QR	13955	8672	1
CP	316.0		iw	•		IW	N53 05 25	E002 07 50	JO13BC	5783	3593	49
CP	316.0		iw	Amoco Leman AC Flare		IW		E002 14 06	JO13CB	5791	3598	49
СР	316.0		iw	Amoco Leman AQ		IW	N53 03 19	E002 14 10	JO13CB	5791	3598	49
СР	350.0	1020		Cahokia/Acore	IL	USA	N38 31 11	W090 03 34	EM48XM	1070	665	240
CP	351.0			Shangrao				E117 58 00	OL88XK	11802	7333	
CP	375.0	1020	civ	Casper/Johno	WY			W106 34 12	DN62RV	2189	1360	
CP	386.0	400	civ	Constable Pynt/Nerlerit Inaat		GRL	N70 44 25	W022 37 15	HQ80QR	4271	2654	27
CP	389.0	1020	civ	Lisboa/Caparica		POR	N38 38 32	W009 13 17	IM58JP	5735	3564	70
CP	414.0			Harare Charles Prince		ZWE	S17 45 05	E030 55 36	KH52LF	12983	8067	89
CP	480.0	1020	civ	Magnitogorsk		RUS	N53 26 24	E058 46 48	LO93JK	8510	5288	24
CP	481.0			Parduc		HNG	N47 19 13	E017 31 31	JN87SH	7051	4382	49
CP	493.0	400	mil	Pápa		HNG	N47 19 12	E017 31 30	JN87SH	7051	4382	49
CP	985.0	1020	civ	Brest		BLR	N52 07 36	E023 49 48	KO12VD	7086	4403	42
СРВ	391.0	1020	civ	Culver	IN	USA	N41 13 00	W086 23 05	EN61TF	642	399	245
CPC	227.0	1020		Whiteville/Camp	NC	USA	N34 16 19	W078 42 50	FM04PG	1070	665	176

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CPG	230.0	1020		Campina Grande		В	S07 15 57	W035 53 31	HI22BR	7160	4449	131
СРМ	378.0	1020	civ	Compton	CA	USA	N33 53 20	W118 14 50	DM03VV	3507	2179	265
СРО	225.0	1020		Campos		В	S21 41 50	W041 18 24	GG98IH	8240	5120	143
CPP	230.0	1020		Cullman/Cole Spring	AL	USA	N34 22 04	W086 49 26	EM64OI	1234	767	214
CPR	374.0	400	iw	Shell Expro/Clipper		IW	N53 27 31	E001 43 52	JO03UL	5741	3567	49
CPZ	385.0	1020		La Pryor/Chaparrosa Ranch	TX	USA	N28 54 36	W100 00 20	DL98XV	2470	1535	235
CQA	205.0	1020	civ	Celina/Lakefield	ОН		N40 28 55	W084 33 52	EN70RL	567	352	
CQB	396.0	1020		Chandler/Tilghman	OK	USA	N35 43 20	W096 49 07	EM15OR	1736	1079	244
CQD	372.0	1020	civ	Erie/Cascade	PA	USA	N42 07 09	W080 06 17	EN92WC	204	127	195
CQJ	266.0	1020	civ	City Lake/Asheboro	NC	USA	N35 42 58	W079 51 55	FM05BR	909	565	182
CQL	344.0			Carbondale Co	CO	USA	N39 24 42	W107 09 34	DM69KJ	2349	1460	267
CQM	233.0	1020	civ	Cook	MN	USA	N47 49 16	W092 41 29	EN37PT	1115	693	298
CQN	341.0	1020	civ	Chattanooga/Daisy	TN	USA	N35 10 00	W085 09 26	EM75KE	1085	674	209
CQR	263.0	1020	civ	Chandalar Lake	AK	USA	N67 30 09	W148 28 10	BP57SM	4719	2932	328
CQW	409.0	1020	civ	Cheraw	SC	USA	N34 44 31	W079 51 56	FM04BR	1017	632	182
CQX	279.0	1020		Chatham/Nauset	MA	USA	N41 41 30	W069 59 23	FN51AQ	812	505	104
CR	267.0		civ	North Myrtle Beach/Calab	SC	USA	N33 53 07	W078 37 48	FM03QV	1114	692	176
CR	300.0			Rusumo		RRW	S02 16 09	E030 43 03	KI57IR	11794	7328	77
CR	317.0			Calabar		NIG	N04 58 02	E008 19 57	JJ44DX	9454	5874	88
CR	330.0			UNID		?						
CR	350.0			Uiju		KRE	N40 12 27	E124 33 11	PN20GE	10385	6453	342
CR	382.0	1020	civ	Corpus Christi/Conor	TX	USA	N27 50 04	W097 34 35	EL17FU	2409	1497	228
CR	414.0			Camranh		VTN	N12 00 01	E109 12 59	OK42OA	13753	8546	350
CR	510.0		civ	Cheboksary		RUS	N56 06 18	E047 25 42	LO36RC	7859	4883	28
CR	605.0			Samara/Bobrovka		RUS	N53 09 00	E050 43 00	LO53ID	8250	5126	29
CR	805.0			Chernivtsi		UKR	N48 12 48	E026 01 00	KN38AF	7484	4650	44
CRC	305.0			Coroico		BOL	S16 11 31	W067 43 11	FH63DT	6760	4200	167
CRD	293.0	1020	civ	Conrad	MT	USA	N48 11 08	W111 54 51	DN48BE	2538	1577	292
CRD	433.0		joi	Cardak/Denizli		TUR	N37 47 24	E029 42 15	KM47US	8498	5281	50
CRE	433.0	1020	enr	Cres		HRV	N44 54 10	E014 25 00	JN74FV	7018	4361	53
CRG	386.0			Corryong		AUS	S36 08 54	E147 51 43	QF33WU	15949	9910	266
CRJ	1700.0	1310	civ	Carajás/Parauapebas/Maraba		В	S06 06 41	W050 00 14	GI43XV	6279	3902	144
CRL	426.0		joi	Tekirdag/Corlu		TUR	N41 09 08	E027 56 18	KN31XD	8127	5050	49
CRM	325.0		civ	Samsun/Carsamba		TUR	N41 15 56	E036 32 57	KN81GG	8618	5355	44
CRN	281.0	1020	mil	Cairn Mountain/Sparrevohn (AF)	AK	USA	N61 06 04	W155 34 07	BP21FC	5166	3210	320
CRN	321.0	400	civ	Galway/Carnmore		IRL	N53 18 04	W008 56 32	IO53MH	5086	3160	52
CRO	337.0		joi	Crotone		I	N38 59 41	E017 04 31	JM88MX	7595	4719	56
CRR	245.0	1020	civ	Circle	MT	USA	N47 25 06	W105 33 32	DN77FK	2062	1281	290
CRS	330.0	1020		Caransebes			N45 26 34	E022 09 48	KN15BK	7461	4636	48
CRS	396.0	1020	civ	Corsicana	TX	USA	N32 01 40	W096 23 43	EM12TA	1980	1231	
CRT	390.0	1020		Curitiba/Afonso Pena		В	S25 31 23	W049 10 17	GG54JL	8285	5148	
CRV	230.0			Comodoro Rivadavia			S45 47 33	W067 28 40	FE64GE	10005	6217	172
CRW	532.0			UNID		?						
CRY	405.0	1020		Criciuma		В		W049 25 20	GG51GG	8604	5346	
CRZ	278.0	1020	civ	Corning	IA			W094 45 25	EN20OX	1297		261
CS	333.0			Conson				E106 37 55	OJ38HR	14144	8789	
CS	345.0			Carcassonne/Salvaza		F		E002 12 30	JN13CF	6307	3919	60
CS	355.0	1020	CİV	Columbus/Fenix	GA			W085 02 31	EM72LK	1360		203
CS	364.0	1000		Cairns			S16 50 49	E145 44 08	QH23UD	14835	9218	
CS	420.0	1020	CİV					E103 52 00	OO13WJ	9220	5729	
CS	592.0	1000		Morozovsk				E041 48 00	LN08VI	8292	5152	36
CSB	389.0	1020	CIV	Cambridge/Harry Strunk	NE			W100 09 28	DN90WH	1753	1089	
CSC	385.0	4000		Cannes		F		E007 02 42	JN33MM	6621	4114	57
CSD	345.0	1020	enr	Daouarat				W008 03 54	IM52XW	6158	3826	75 24
CSh	568.0			Monchegorsk				E033 01 00	KP67MX	6396	3974	24
CSM	372.0			Castelsarrasin Moissac		F	N44 05 14	E001 07 51	JN04NC	6183	3842	59

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CSS	414.0	1020	civ	•	OH	USA	N39 36 03	W083 23 30	EM89HO	578	359	216
CST	351.0	1020	enr	Costix for Palma de Mallorca		Е	N39 38 29	E002 54 56	JM19KP	6571	4083	63
CSW	356.0			UNID		?						
CSZ	215.0	1020	civ	Athens/Cross Roads	TX	USA	N32 03 49	W095 57 27	EM22AB	1949	1211	233
CT	255.0			Cartagena		CLM	N10 23 48	W075 31 51	FK20FJ	3732	2319	173
CT	277.0			Chiang Rai		THA	N19 57 35	E099 52 59	NK99WX	12934	8037	1
СТ	291.5			Constanta Main		ROU	N44 09 30	E028 37 54	KN44HD	7937	4932	46
CT	363.5	400	civ	Coventry		G		W001 24 18	IO92HJ	5596	3477	51
CT	379.0			Caticlan		PHL	N11 55 30	E121 57 30	PK01XW	13456	8361	336
СТ	387.0		civ	Ajaccio/Campo del Oro		F	N41 47 42	E008 43 30	JN41IT	6842	4252	58
СТ	420.0			Cantho		VTN	N10 05 29	E105 43 49	OK20UC	14003	8701	354
СТ	486.0			UNID		?						
СТ	1066.0		civ	Russinskie			N62 09 00	E073 37 00	MP62TD	8004	4974	13
CTK	236.0	1020		Canton	IL			W090 04 37	EN40XN	951	591	251
CTL	289.0			Punta Castilla			N16 00 26	W085 58 26	EK76AA	3153	1959	193
CTL	421.0			UNID		?	004.07.00	E440.04.50	054541	45050	0050	000
СТМ	404.0			Contamindra				E148 01 50	QF45AI	15856	9853	
CTN	340.0			Constitucion		F	S35 18 20 N43 55 13	W072 22 46	FF34TQ	8800	5468	
CTS CTX	426.0 428.0	0	oiv	Castets Châteauroux/Déols		F		W001 08 52 E001 48 04	IN93KW JN06VW	6034 6072	3750 3773	61 56
CTZ	412.0	1020	CIV	Clinton	NC		N34 58 31	W078 21 47	FM04TX	995	618	
CU	210.0	1020		Cepu	NO	INS	S07 11 40	E111 32 54	OI52ST	15800	9818	
CU	351.0			Cauayan		PHL		E121 45 11	PK06VW	12933	8036	
CU	368.0			Otsu		J		E135 52 17	PM75WB	10562	6563	
CU	395.0			Cucuta		-		W072 34 47	FJ38RA	4029	2504	
CU	460.0			UNID		?	1100 02 10	110120111	1 0001 01	1020	200 .	100
CU	555.0			Shahe			N40 07 30	E116 22 12	ON80ED	10565	6565	348
CU	1113.0			UNID		?						
CUA	275.0	400		Cudal		AUS	S33 16 34	E148 46 01	QF46JR	15723	9770	269
CUA	285.0			Carauarí		В	S04 52 14	W066 53 14	FI65ND	5546	3446	164
CUB	375.0	1020		Corumbá		В	S19 01 00	W057 39 48	GH10EX	7312	4543	157
CUH	242.0	1020		Cushing	OK	USA	N35 53 24	W096 46 31	EM15OV	1722	1070	245
CUL	332.0	1020		Carmi	IL	USA	N38 05 37	W088 07 11	EM58WC	972	604	231
CUN	257.0	1020	civ	Fairbanks/Chena	AK	USA	N64 50 19	W147 29 42	BP64GU	4693	2916	324
CUN	293.0			Cunderdin		AUS	S31 37 30	E117 13 26	OF88OI	18018	11196	308
CUP	270.0			Carupano			N10 39 37	W063 15 27	FK80IP	4001	2486	152
CUR	221.0			Cuenca			S02 51 45	W078 56 55	FI07MD	5179	3218	179
CUW	222.0	1020		Chihuahua				W105 59 36	DL78AO	2907	1806	
CV	233.0	1020	civ	Arcata/Abeta	CA			W124 05 56	CN70WX	3643	2264	
CV	269.0	1020		Charleville				E146 14 56	QG33CN	15499	9631	
CV	335.0	1020			NM			W103 10 28	DM84JI	2297	1427	
CV	375.0		CIV	Calvi/St. Catherine		F		E008 48 24	JN42JN	6799	4224	57 05
CV	387.0			Cuito Cuanavale		AGL	515 10 00	E019 09 00	JH94NT	11849	7363	95
CV CV	390.0 397.0	1020	oiv	UNID Dubrovnik/Cavtat			N/12 25 07	E018 12 46	JN92CO	7/17	4609	53
CV	402.0			Carlsbad/Carlz	NM			W104 20 19	DM72TG	7417 2521	1567	
CV	535.0	1020		Syrdarya	INIVI			E068 41 00	MN40IT	10097	6274	24
CVA	292.0		Cili	UNID		?	1440 45 00	2000 41 00	WINTOIT	10007	0214	27
CVB	338.0	1020	civ	Castroville	TX		N29 20 46	W098 50 57	EL09NI	2359	1466	233
CVJ	402.0			Cuernavaca			N18 49 53	W099 15 34	EK08IT	3338	2074	
CVL	365.0	1020		Caravelas		В		W039 14 59	HH02JI	7950	4940	
CVM	263.0	1020		Alton/Civic Memorial	IL			W090 03 23	EM48XV	1045		242
CVM	329.0			Caversham				E115 58 53	OF78XC		11257	
CVP	335.0	1020	civ	Helena/Capitol	MT			W111 56 14	DN46AO	2549	1584	
CVT	285.0	1020		Madrid/Cuatro Vientos		Е		W003 46 24	IN80CI	6044	3755	66
CVT	347.0	0	civ	Châlons/Vatry		F	N48 45 36	E004 19 06	JN28DS	6139	3815	53

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
CVU	356.0	0	civ	Castres/Mazamet		F	N43 38 00	E002 12 36	JN13CP	6284	3905	59
CVX	392.0	1020	civ	Charlevoix	MI	USA	N45 18 06	W085 16 12	EN75IH	487	303	291
CVY	314.0	1020	mil	Cavalry/Fort Riley (Army)	KS	USA	N39 01 34	W096 47 40	EM19OA	1543	958	255
CVZ	340.0			UNID		?						
CW	275.0	1020	civ	Mosinee/Danci	WI	USA	N44 45 38	W089 47 21	EN54CS	829	515	280
CW	299.0			UNID		?						
CW	351.0			Seongmu		KOR	N36 33 54	E127 29 51	PM36RN	10689	6642	339
CW	359.0			St Laurent du Maroni			N05 28 05	W054 01 53	GJ25XL	4931	3064	142
CW	372.5			Clanwilliam			S32 10 59	E018 53 19	JF97KT	13026	8094	109
CW	418.0	1020		Lake Charles/Mossy	LA			W093 11 46	EM30JH	1935	1202	
CW	485.0	1020		Krasnaya Gorbatka			N55 52 00	E041 46 00	LO05VU	7655	4756	31
CWH	350.0	1020	civ	Huntsville/Capshaw	AL		N34 46 25	W086 46 44	EM64OS	1192	741	214
CWI	377.0	1020		Clinton	IA		N41 49 44	W090 19 39	EN41UT	917	570	259
CWL	423.0	400	mil			G	N53 01 35	W000 29 21	IO93SA	5625	3495	50
CWP	330.0		iw	Texaco/Captain Protector		IW		W001 46 13	IO98CH	5340	3318	44
CWR	299.0	400		Cowra		AUS		E148 39 12	QF46HD	15764	9795	269
CWS	275.0	400		Cowes	۸.	AUS	S38 31 01	E145 13 15	QF21OL	16273	10112	
CWS CWV	302.0	1020	oi.	Clouder	AR		N35 05 02	W092 25 37	EM35SC	1481	920	
	395.0	1020	civ		GA		N32 11 49 N40 10 41	W081 52 50	EM92BE	1316		190
CX	219.0 281.0	1020	CIV	Harrisburg/Latle Conroe/Alibi	PA TX		N30 25 55	W077 00 20 W095 28 34	FN10LE EM20GK	460 2056	286 1278	153 229
CX	287.0	1020	mar	Ras Caxine	17		N36 48 48	E002 57 24	JM16LT	6750	4194	66
CXB	215.0	1020	IIIai	Cachimbo		B	S09 20 22	W054 57 58	GI20MP	6393	3973	151
CXD	400.0	1020		UNID		?	000 20 22	VV004 07 00	GIZOWII	0000	3373	101
CXE	342.0	1020		Chase City	VA		N36 47 30	W078 30 03	FM06RT	793	493	174
CXK	251.0	1020	civ	Bellaire/Clam Lake	MI		N44 53 58	W085 14 23	EN74JV	474	294	
СХМ	205.0	1020		Coxim		В	S18 30 14	W054 45 02	GH21OL	7354	4570	154
CXS	1690.0	1020		Caxias do Sul/Campo dos Bugres		В	S29 08 38	W051 14 03	GG40JU	8584	5334	155
CXU	369.0	1020	civ		GA		N31 12 53	W084 14 13	EM71VF	1469	913	198
CY	353.0	1020	civ	Cheyenne/Horse	WY	USA	N41 08 48	W104 40 44	DN71PD	2087	1297	270
CY	395.0			Conakry		GUI	N09 35 22	W013 35 48	IJ39EO	7347	4565	100
CY	960.0	1020	enr	Chervonyi		UKR	N50 04 06	E031 23 30	KO50QB	7635	4744	40
CYE	410.0		civ	Wilkes Barre/Crystal Lake	PA	USA	N41 12 37	W075 49 55	FN21CF	422	262	134
CYO	366.0	1020	civ	Circleville	ОН	USA	N39 31 23	W082 58 47	EM89MM	567	352	212
CYR	338.0	1020		Cairo/Caidy	GA	USA	N30 53 18	W084 09 34	EM70WV	1502	933	198
CYT	209.0	1020	civ	Yakataga	AK		N60 05 10	W142 29 20	BP80SC	4481	2784	316
CYW	362.0	1020		Clay Center	KS		N39 22 51	W097 09 40	EM19KJ	1554	966	257
CZ	250.0			Chiredzi Buffalo Range			S20 57 50	E031 31 19	KG59SA	13260	8239	92
CZ	364.0	_		Tonglu			N29 48 00	E119 40 00	OL99UT	11616	7218	
CZ	379.0	0	CÍV	Charleville/Mezieres		F		E004 23 06	JN29ET	6087	3782	52
CZ	408.0			Vilyuysk				E121 37 00	PP03TT	7921	4922	
CZ	420.0		CIV	Achinsk				E090 36 42	NO56HG	8864	5508	6
CZ	515.0		ois r	Tiraspol			N46 52 00	E029 36 00	KN46TU	7784	4837	44
CZ CZ	580.0 851.0			Vytegra		RUS	N56 16 18	E090 36 42	NO56HG	8864	5508	6
CZB	359.0	1020	CIV	Achinsk Casey	IL			W088 00 07	EM59XH	875	544	6 237
CZE	201.0	1020	civ	Clarksville	AR		N35 28 09	W000 00 07 W093 25 25	EM35GL	1517	942	
CZE	409.0	1020		Czempin	Aix		N52 08 11	E016 43 44	JO82ID	6693	4159	45
CZF	275.0	1020		Cape Romanzof	AK			W165 58 11	AP71AS	5668	3522	
CZJ	341.0	. 520		Center/Amason	TX		N31 49 58	W094 09 14	EM21WT	1856	1153	
CZM	330.0	1020	J. V	Cozumel			N20 31 19	W086 56 02	EL60MM	2683	1667	
CZO	215.0			Calabozo			N08 55 39	W067 25 00	FJ68GW	4047	2515	
CZS	260.0	1020		Cruzeiro do Sol		В		W072 46 17	FI32OJ	5742	3568	
CZX	332.0		civ	Crosbyton	TX			W101 14 20	DM93JO	2200	1367	
D	234.0			Danang				E108 12 15	OK46CA	13325	8280	
D	255.0			Tandil		ARG	S37 12 30	W059 13 36	GF02JT	9211	5723	164

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
D	270.0				•	LBY		E013 07 06	JM62NP	7768	4827	64
D	273.0		civ	Alexandria/Borg el Arab		EGY	N30 53 54	E029 42 45	KM40UV	9049	5623	55
D	278.0			Nueva Gerona		CUB	N21 49 18	W082 47 58	EL81OT	2468	1533	188
D	280.0			Concordia/Comodoro Pierrestegui		ARG	S31 16 54	W057 59 18	GF18AR	8606	5348	161
D	283.0		civ	Mineralnye Vody		RUS	N44 14 18	E043 03 12	LN14MF	8708	5411	38
D	300.0		mil	Tököl		HNG	N47 19 46	E019 00 04	JN97MH	7140	4436	48
D	304.0			Rota		Ε	N36 37 42	W006 22 48	IM66TP	6065	3769	71
D	315.0	400		Tampere/Pirkkala		FIN		E023 33 06	KP11SJ	6460	4014	33
D	318.0		civ	Khudzhand/Leninabad		TJK	N40 12 42	E069 40 12	MN40UF	10190	6332	23
D	326.0			UNID		?						
D	329.0	400		Carmanah Point (Dept.of Fish)	ВС			W124 45 06	CN7800	3479	2162	
D	330.0			Santiago del Estero			S27 47 06	W064 19 18	FG72UF	8086	5024	166
D	373.0	400		Tirgu Mures				E024 23 00	KN26EL	7519	4672	46
D	378.0	400	mil	Kauhava		FIN	N63 08 00	E023 02 00	KP13MD	6331	3934	32
D	385.0		civ	Osh				E072 47 36	MN60JO	10243	6364	21
D	388.0		CIV	Ekaterinburg/Koltsovo				E060 50 54	MO06KR	8253	5128	21
D	395.0	400*	:-:	Mendoza/El Plumerillo			S32 51 18	W068 47 33	FF57OD	8567	5324	171
D	398.0	400*	JOI	Plzeň-Líně			N49 40 59	E013 17 39	JN69PQ	6645	4129	49
D	401.0		ois r	Dzhankoi				E034 23 00	KN75EQ	8138 6680	5056	42
D D	429.0 429.0	400		Praha/Ruzyne/Dejvice Bratislava/M. R. Stefanik			N48 11 11	E014 17 33 E017 14 10	JO70DC JN88OE	6977	4150 4335	48 48
D	435.0	1020	CIV	Tripoli		LBY	1140 11 11	L017 14 10	JINOOOL	0911	4333	40
D	553.0	1020		Chita			N52 02 00	E113 20 00	OO62QA	9304	5781	352
D	610.0			UNID		?	1432 02 00	L113 20 00	0002QA	9304	3/01	332
D	628.0		civ	Ukhta			N63 35 00	E053 49 00	LP63VN	7400	4598	21
D	650.0		Civ				N66 36 00	E066 38 30	MP36HO	7417	4609	14
D	672.0		civ	Volgograd/Gumrak				E044 22 00	LN28ES	8375	5204	35
D	678.0			Rovno			N50 35 30	E026 10 30	KO30CO	7320	4549	42
D	680.0		0	UNID		?		_0_0 .0 00		. 020	.0.0	
D	715.0		civ	Odesa/Central			N46 26 50	E030 40 09	KN56IK	7876	4894	43
D	722.0		civ	Saratov/Tsentralny			N51 34 00	E046 03 00	LO31AN	8204	5097	32
D	880.0		civ	Nukus		UZB	N42 31 00	E059 36 00	LN92TM	9603	5967	29
D	890.0		civ	Komsomolsk-Na-Amure/Khurba		RUS	N50 25 48	E136 55 42	PO80LK	8977	5578	338
D	1185.0		civ	Moscow/Ramenskoe		RUS	N55 34 30	E038 06 00	KO95BN	7523	4674	33
D1	367.0			Great Bear Lake	NT	CAN	N66 42 32	W119 40 20	DP06DR	3488	2168	331
D3	363.0	400		Ponoka Indus/Ponoka Lake	AB	CAN	N52 41 00	W113 36 23	DO32EQ	2685	1668	303
D4	304.0	400		Rocanville	SK	CAN	N50 27 54	W101 33 07	DO90FL	1818	1130	302
D5	391.0			Melfort	SK	CAN	N52 52 17	W104 48 23	D0720U	2111	1312	307
D5	406.0	400		McArthur River Mine	SK	CAN	N57 46 09	W105 01 13	DO77LS	2346	1458	320
D6	261.0	400		Fairmont Hot Springs	ВС			W115 52 36	DO20BH	2824	1755	
D7	350.0	400		Kincardine	ON			W081 36 11	EN94EE	175	109	
D8	386.0	400		Dolbeau-St-Methode/Normandin	QC		N48 47 01		FN38SS	764	475	42
D9	383.0	400		Huntsville/Deerhurst Resort	ON			W079 08 44	FN05KI	164	102	9
DA	214.0	400		Dawson	YT			W139 10 05	CP04JA	4294	2668	
DA	223.0			Fort Beloir/Davee	VA			W077 06 35	FM18KP	614	381	
DA	263.0		CIV	Daytona Beach/Tomok	FL			W081 08 52	EL99KD	1644	1021	186
DA DA	274.0		m	Hebaohu				E113 58 24	OM60XQ	11633	7228	
DA DA	305.0	000		Calcanhar		В		W035 29 11	HI24GU	6992 4580	4344	
DA DA	305.7	900		Dalatangi Island Damietta Mouth East				W013 34 34	IP35FG	4589 0137	2851	36 53
DA DA	310.5 315.0							E031 50 54	KM51WM	9137 9819	5678 6101	53 356
DA DA	315.0 316.0		CIV	Ulanbaatar		CTI		E106 43 08 W006 27 59	ON37IV	8121	6101 5046	
DA DA	345.0			Daloa UNID		?	100 55 01	vvuuu 21 59	IJ66SV	0121	5040	97
DA	374.0		civ	Åsele/Genlanda		? S	N64 00 33	E017 16 28	JP84PD	6027	3745	32
DA	374.0	400		Kulusúk				W037 12 25	HP15JN	3520	2187	32
DA	384.0	+00		Diffa				E012 38 00	JK63HJ	9156	5689	79
<b>D</b> A	504.0		CIV	Dillu		NOIN	1110 20 00	_012 00 00	31303110	5 150	5009	13

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DA	402.0	0		Alès/Deaux		F	N44 03 55	E004 08 28	JN24BB	6391	3971	58
DA	404.0	400		Torp/Dalen		NOR		E010 15 25	JO59DG	5943	3693	40
DA	525.0		enr	Gali		GEO	N42 36 00	E041 47 00	LN02VO	8786	5459	40
DA	600.0		civ	Zhalal-Abad		KGZ	N40 56 36	E072 58 54	MN60LW	10213	6346	20
DA	752.0	1020		UNID		?						
DA	797.0	1020	enr	Danivka		UKR	N50 51 42	E031 14 36	KO50OU	7567	4702	40
DAD	200.0	1020		Diadema		В	S23 42 20	W046 36 05	GG66QH	8202	5096	149
DAK	412.0	1020	mil	Amiko/Dakovica		YUG	N45 25 15	E020 25 39	KN05FK	7357	4572	49
DAL	342.0		joi	Damascus International/Aateibe		SYR	N33 29 15	E036 36 06	KM83HL	9272	5761	49
DAL	346.0		civ	Dalaman/Mugla		TUR	N36 41 22	E028 46 55	KM46JQ	8528	5299	52
DAM	337.0		joi	Damascus International			N33 29 11	E036 36 01	KM83HL	9272	5761	49
DAN	312.0	1020	enr	Danilovgrad for Podgorica				E019 07 25	JN92NN	7478	4647	52
DAO	364.0			Davao				E125 39 00	PJ27TD	13817	8586	330
DAO	410.0	1020		Dragoo/Fort Huachuca (Army)	ΑZ		N31 35 08		DM41TO	3022	1878	254
DAR	409.0		enr	Darlowo			N54 24 39	E016 23 46	JO84EJ	6535	4061	43
DAS	361.0	1020		Serdana		E		E001 54 00	JN02WI	6336	3937	61
DAU	290.0			Daru			S09 04 30	E143 12 47	QI100W	14376	8933	300
DAV	350.0	1020		David	•		N08 23 28	W082 25 41	EJ88SJ	3945	2451	185
DB	251.0	1020		Dublin/Creke	GA		N32 29 02		EM82LL	1304	810	195
DB	287.0	•		Dalbandin  Dalbandin			N28 52 24		ML28EU	11150	6928	32
DB	312.5		mar	Doobskiy/Mys Doob	VT		N44 37 36	E037 54 42	KN84WP	8412	5227	41
DB DB	341.0	400		Burwash	YT		N61 20 25	W138 59 00	CP01MI	4282	2661	318
DB DB	341.0 375.0	1020	onr	Dubuque/Zilom Pochinok	IA		N42 19 23 N57 43 00	W090 35 56	EN42QH KO77LR	923 7218	573 4485	263 33
DB	380.0	1020	em	Dienbien				E034 58 00 E103 00 39	OL11MJ	12771	7935	358
DBA	650.0		civ	Debba				E030 58 00	KK58LA	10179	6325	63
DBG	391.0	400		BHP Petroleum/Douglas Oil Storage Barge		IW	N53 40 57		IO83FQ	5409	3361	50
DBR	265.0	400	IVV	Dibrugarh		IND	N27 27 56	E095 01 07	NL77ML	12083	7508	5
DBR	347.0		joi	Berlin/Tempelhof/Helmholtz		D		E013 17 43	JO62PL	6477	4025	46
DBV	310.0	1020	•	·			N48 51 29	E018 47 58	JN98JU	7025	4365	47
DBX	212.0	1020	0111	Washington/Morrison	KS			W097 02 32	EM19LS	1528	949	259
DBY	332.0			Derby			S17 21 25	E123 40 01	PH12UP	16355	10163	317
DC	295.0	1020	civ	Debrecen			N47 27 24		KN07SK	7283	4525	47
DC	326.0	1020		Princeton	ВС	CAN	N49 28 10	W120 31 00	CN99RL	3161	1964	296
DC	332.0	1020	civ	Oxon Hill/Washington Natl.	DC	USA	N38 45 58	W077 01 36	FM18LS	605	376	160
DC	332.0			Greeley/Weld County/Buffs	CO	USA	N40 20 05	W104 37 34	DN70QI	2110	1311	268
DC	370.0	400	pri	Oskarshamn		S	N57 24 54	E016 30 42	JO87GJ	6363	3954	40
DCF	260.0			Canefield		DMA	N15 19 57	W061 24 05	FK95HH	3599	2236	146
DCM	220.0	1020	civ	Chester	SC	USA	N34 47 12	W081 12 04	EM94JS	1022	635	189
DCN	298.0			Dhaka		BGD	N23 50 34	E090 25 04	NL53FU	12434	7726	10
DCY	212.0	1020	civ	Washington	IN	USA	N38 41 46	W087 07 57	EM68KQ	863	537	231
DD	253.0	1020	civ	Columbus/Cobbs	ОН	USA	N39 44 35	W083 01 13	EM89LR	548	341	214
DD	270.0			Dori		HVO	N14 02 02	W000 02 01	IK94XA	8099	5032	87
DD	305.0			UNID		?						
DD	333.0			Lycksele		S		E018 37 32	JP94HO	6061	3766	32
DD	352.5	1020		Oostende				E002 50 06	JO11KE	5918	3677	51
DD	815.0			Lipetsk				E039 32 00	KO92SQ	7821	4860	34
DDA	244.0			Jefferson/Commerce	GA			W083 31 15	EM84FB	1147	713	199
DDP	391.0	1020		San Juan/Dorado/Luis Munoz Marin Intl.				W066 24 45	FK68TL	3072	1909	153
DE	206.0		enr	Druganovo				E065 20 00	MO26QX	8355	5191	19
DE	264.0	4.5		Rionegro				W075 25 22	FJ26GD	4202	2611	
DE	275.0	1020	civ	Decatur/Elwin	IL			W088 57 14	EM59MS	910	566	243
DE	310.0	4000		Yedinka Patarit/Markla				E138 42 00	PN97IE	9243	5743	
DE	338.0	1020	CiV	Detroit/Madds	MI			W083 05 37	EN82KL	334	208	244
DE	362.0	4000		Edea				E010 08 17	JJ53BS	9688	6020	87
DE	437.0	1020	CIV	Moscow/Domodedovo		KUS	N55 22 00	E037 58 42	KO85XI	7534	4681	33

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DE	608.0			Velyki Dederkaly			N50 00 36	E026 02 12	KO30AA	7355	4570	43
DEC	331.0	1020	mil	Decimomannu		- 1	N39 21 49	E008 58 27	JM49LI	7016	4360	60
DED	201.0		civ	Deland	FL	USA	N29 04 03	W081 16 28	EL99IB	1653	1027	186
DEF	256.0	1020		Slidell	LA	USA	N30 17 49	W089 50 03	EM50BH	1766	1097	215
DEH	236.0	1020		Decorah	IA	USA	N43 16 32	W091 44 11	EN43DG	993	617	270
DEQ	281.0	1020		De Queen	AR	USA	N34 02 45	W094 23 58	EM24TB	1690	1050	235
DER	382.0	1020	civ		AL		N32 52 45	W085 57 41	EM72AV	1347	837	
DF	310.0			Kasiguncu		INS	S01 25 12	E120 39 34	PI08HN	14899	9258	332
DF	350.0	1020		Deer Lake	NL	CAN	N49 10 48	W057 27 26	GN19GE	1779	1106	63
DF	401.0			Zama		J	N35 34 47	E139 22 35	PM95QN	10370	6444	329
DF	520.0		civ	Mukhrani		GEO	N41 55 00	E044 33 56	LN21GW	8987	5584	39
DFI	246.0	1020	civ	Defiance	ОН	USA	N41 20 04	W084 25 37	EN71SI	497	309	237
DG	244.0	400		Chute-des-Passes	QC	CAN	N49 53 52	W071 15 14	FN49IV	913	568	40
DG	288.0		civ	Khanskaya			N44 41 00	E040 02 00	LN04AQ	8517	5292	40
DG	297.5			Nos Galata		BUL		E027 56 12	KN33XE	7972	4954	47
DG	303.5			Ostrov Kolguyev South			N68 42 06	E048 40 12	LP48IQ	6806	4229	19
DG	303.5			Mys Duga Vostochnaya		RUS		E146 02 36	QO39AD	7847	4876	
DG	322.0			Dera Ghazi Khan			N29 57 44	E070 29 25	ML59FX	11275	7006	26
DG	327.0			Dundigul		IND	N17 40 04	E078 24 55	MK97EQ	12827	7970	23
DG	456.0		enr	Dzhulfa				E045 38 00	LM28TW	9305	5782	
DG	518.0		<b></b>	Chita		RUS			0062QA	9306	5782	
DGG	429.0	1020		Kotzebue/Red Dog	AK	USA	N68 01 57	W162 54 15	AP88NA	5312	3301	330
DGL	330.0	1020	iw	BHP Petroleum/Douglas	7.11.	IW	N53 32 14	W003 34 48	IO83FM	5413	3364	50
DGO	409.0	1020				E	N42 27 13	W002 52 51	IN82NK	5992	3723	63
DH	325.0	400		•		S		E016 29 36	JO87FH	6369	3957	40
DH	329.0		ρ	Delhi		IND	N28 34 01		ML88ON	11637	7231	21
DH	357.5			Durnacol		AFS	S28 07 00	E029 58 00	KG41XV	13621	8464	99
DH	426.0			UNID		?	020 01 00	2020 00 00	1101171	10021	0.0.	00
DHI	253.0			Dhangadhi			N28 45 09	E080 34 56	NL08GS	11708	7275	18
DHR	374.0			Dahra/Warehouse 32		LBY			JL89XL	8348	5187	63
DI	286.0			Dera Ismail Khan			N31 54 31		MM51KV	11088	6890	25
DI	308.0	400	civ	Geilo/Dagali				E008 28 18	JP40FJ	5798	3603	39
DI	353.0	1020			ND	USA		W102 42 44	DN86PQ	1843	1146	
DI	389.0			Dipolog		PHL	N08 36 02	E123 20 35	PJ18QO	13755	8547	
DI	979.0	400*	enr	Yakshytsy			N53 37 00	E028 55 00	KO43LO	7243	4501	38
DIA	335.0			Concordia			S31 18 04	W058 00 14	GF08XQ	8608	5349	
DIK	307.0	1020	enr	Diekirch			N49 51 41		JN39BU	6194	3849	51
DIKI	295.0			UNID		?						
DIP	327.0	1020	joi			D	N52 28 22	E013 28 06	JO62RL	6487	4031	46
DIV	358.0		iw	Gaz de France D15-FA-1		IW		E002 56 08	JO14LH	5773	3587	47
DIW	198.0	1020			NC			W077 27 10	FM14GN	1050		170
DJ	212.0	850		Danang				E108 12 27	OK45CX	13329	8282	
DJ	292.0		civ	Kazan				E049 21 30	LO45QN	7979	4958	28
DJ	295.0	1020		Tunis/Carthage/Djebel Jeloud				E010 12 24	JM56CS	7275	4520	62
DJ	312.0			Östersund/Frösön		S		E014 35 24	JP73HE	5959	3703	
DJ	386.0			Djibouti/Ambouli		DJI	N11 32 50	E043 10 47	LK110N	11579	7195	
DJ	455.0		•	Sterlitamak		RUS	N53 31 00	E055 47 00	LO73VM	8401	5220	26
DJ	563.0		civ	Alexandria/Borg el Arab		EGY	N30 52 36	E029 43 54	KM40UV	9052	5625	55
DJ	602.0			UNID		?						
DJ	1286.0			UNID		?						
DJA	418.0		civ	Djanet/Tiska			N24 17 12	E009 27 18	JL44RG	8097	5031	73
DJD	415.0	1020		Canton	GA			W084 29 15	EM74SG	1155		204
DJI	340.0			Jijel/Taher				E005 52 11	JM26WT	6962	4326	
DJN	347.0			Delta Junction	AK			W145 41 12		4612	2866	
DK	328.0	400		Vilhelmina		S		E016 43 30	JP84IO	5981	3717	
DK	350.0		•	UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DK	354.0			Beijing		CHN	N40 02 12	E116 34 46	ON80GA	10571	6568	348
DK	416.0		mil	Taszár		HNG	N46 20 37	E017 56 19	JN86XI	7142	4438	50
DK	427.0		civ	Saratov/Tsentralny		RUS	N51 32 36	E046 05 54	LO31BN	8208	5100	32
DK	1020.0	400*	enr	Glotayevo		RUS	N55 09 42	E037 48 06	KO85VD	7543	4687	33
DK	1195.0			Dokuchaievs'k		UKR	N47 47 36	E037 37 54	KN87TT	8135	5055	39
DKA	221.0		joi	Dakhla		MRC	N23 42 17	W015 55 58	IL23AQ	6131	3809	89
DKA	332.0	1020		Kenansville/Kenan	NC		N35 04 20		FM15AB	989	614	
DKA	343.0		enr	Dhekelia			N34 58 56	E033 43 58	KM64UX	8973	5575	50
DKB	209.0	1020		De Kalb	IL			W088 42 26	EN51PW	786	488	
DKG	348.0	1020	civ	Columbus/Don Scott/Ohio State U.	ОН		N40 04 49	W083 04 44	EN80LB	519	323	
DL	330.0			Dalat		VTN			OK41DS	13792	8570	
DL	360.0	400		Arlanda		S	N59 42 31		JO89XR	6304	3917	37
DL	379.0	1020		Duluth/Pykla	MN	USA	N46 50 44	W092 21 18	EN36TU	1061	659	293
DL DLC	1040.0	1020	Civ	•	sc	RUS	N24 27 00	14/070 22 08	EMO41 IIZ	1040	650	100
DLQ	274.0 392.0	1020	CIV	Dillon Deniliquin	30		N34 27 00 S35 33 07	W079 22 08 E144 57 06	FM04HK QF24LK	1049	652 10036	180 269
DLQ	413.5	1020	joi	Berlin/Tempelhof/Lübars		D	N52 36 50	E013 21 49	JO62QO	16152 6472	4022	46
DLZ	215.0	1020	•	Delaware	ОН		N40 16 37		EN80KG	502		
DM	223.0	1020		Detroit/Spenc	MI			W083 12 12	EN82JF	357	222	
DM	235.0	1020		Debre Marcos	1411			E037 40 00	KK80UG	11303	7023	63
DM	272.5		0.0	Dar Es Salaam			S06 49 22		KI93PE	12817	7964	74
DM	315.0		civ	Salekhard				E066 42 18	MP36IO	7417	4609	14
DM	343.0			Dumai		INS		E101 27 25	OJ01RP	14959	9295	
DM	435.0			Zedang		CHN	N29 15 30	E091 45 54	NL59VG	11855	7366	8
DM	581.0		civ	Moscow/Ramenskoe		RUS	N55 36 42	E038 02 12	KO95AO	7517	4671	33
DM	659.0	400	civ	Moscow/Domodedovo		RUS	N55 27 06	E037 50 18	KO85WK	7521	4673	33
DM	690.0	1020	enr	Dmytrivka		UKR	N45 28 42	E035 03 18	KN75ML	8191	5090	42
DMD	343.0	1020	civ	Carrizo Springs/Dimmit County	TX	USA	N28 31 21	W099 49 38	EL08CM	2490	1547	234
DMO	281.0	1020		Sedalia	MO	USA	N38 42 16	W093 10 36	EM38JQ	1283	797	248
DMR	332.0		iw	BP/Buchan Alpha		IW	N57 54 11	E000 01 50	JO07AV	5455	3389	44
DMW	317.0			UNID		?						
DMZ	203.0	1020		Dickson	TN		N36 07 39	W087 25 57	EM66GD	1098	682	
DMZ	343.0		civ				N11 47 27		KK71ES	10935	6795	65
DN	210.0	400		Durban			S29 54 39	E031 00 01	KG50MC	13819	8587	
DN	224.0	400		Dauphin	MB		N51 05 53	W100 03 42	DO91XC	1739	1080	
DN	332.0	1020		Danville/Julip	IL		N40 17 22	W087 31 47	EN60FG	778	484 9615	242 311
DN DN	344.0 346.0		onr	Darwin Dehnamak		IRN	S12 25 53	E130 57 41 E052 43 36	PH57LN LM65IF	15474 9999	6213	37
DN	380.0		em	Sainshand				E110 07 35	ON54BV	10122	6290	
DN	390.0		civ	Bolshoye Savino/Bakharevka				E056 16 48	LO87DW	7998	4969	23
DN	390.0	400*	0.0	Donetsk				E037 40 05	KN88UB	8114	5042	
DN	820.0	100		Dzhankoi				E034 22 00	KN75EQ	8138	5057	42
DNC	425.0	400	civ	Mostar		BIH		E017 50 51	JN83WD	7355	4570	52
DND	394.0	400		Dundee		G		W003 06 54	IO86KK	5329	3311	47
DNF	349.0	400	iw	Dan DUC-DF-C		IW	N55 28 42	E005 06 24	JO25NL	5845	3632	45
DNG	363.0			Dang		NPL	N28 06 42	E082 17 30	NL18DC	11818	7343	17
DNI	341.0	1020		Sherman/Denison	TX	USA	N33 49 26	W096 40 11	EM13PT	1860	1156	239
DNO	295.0			Orcadas Del Sur		ATA	S60 43 02	W044 46 01	GC79OG	12015	7466	163
DNS	350.0	1020		Denison	IA	USA	N41 59 02	W095 22 46	EN21HX	1315	817	266
DNT	343.0	1020		Dyersburg/Nally Dunston	TN			W089 24 21	EM55HX	1220		227
DNZ	362.0		civ	Dasht-e-Naz/Sari				E053 10 40	LM66OQ	9887	6144	
DO	236.0	1020		Minocqua/Dougy	WI			W089 43 50	EN55DU	839		288
DO	245.0			Durazno				W056 32 59	GF16RP	8865		
DO	295.0			Kirundo				E030 06 15	KI57BK	11767	7312	
DO	305.0			Dobo		INS		E134 11 53	PI74CF	14662	9110	
DO	309.0	0	CÍV	Dole/Tavaux		F	N46 58 30	E005 18 18	JN26PX	6302	3916	55

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DO	310.0	ПZ	civ	Dongola	3/F		N19 08 49	E030 26 51	KK59FD	10051	<b>mi</b> 6246	63
DO	320.0	1020	CIV	Djúpivogur		ISL	N64 39 09	W014 16 37	IP24UP	4558	2832	37
DO	331.0	1020		Qingzhou				E117 59 12	OL86XN	12005	7460	344
DO	359.0	1020	civ	Kansas City/Dotte	МО		N39 13 15	W094 45 00	EM29OF	1375	854	253
DO	364.5	1020	CIV	Dounreay/Thurso	IVIO	G	N58 34 54	W003 43 36	IO88DN	5221	3244	44
DO	373.0			Dodoma		TZA	S06 10 08	E035 44 44	KI73UT	12493	7763	76
DO	387.0			Dondo			S19 37 26	E034 44 54	KH70IJ	13424	8341	88
DO	390.0			Antsiranana/Arrachart			S12 20 47	E049 17 22	LH47PP	14023	8713	70
DO	390.0	400*		Donetsk			N48 04 25	E037 48 36	KN88VB	8121	5046	38
DO	409.0	400		Zhoukou				E114 39 00	OM73HO	11303	7023	
DO	659.0	400	civ	Moscow/Domodedovo				E037 56 30	KO85XI	7533	4681	33
DO	713.0	100	0.1	Kazan			N55 52 00	E049 08 00	LO45NU	7944	4936	28
DO	1175.0	1020	enr				N45 22 36	E033 21 42	KN65QJ	8108	5038	43
DOH	239.0	1020	· · · ·	Ft. Bragg	NC			W079 14 00	FM05JB	979	608	179
DOL	1650.0	400		UNID		?						
DOM	273.0	1020		Melville Hall			N15 33 03	W061 17 44	FK95IN	3582	2226	146
DON	355.0	400	iw	Donna Dan B		IW	N55 28 29	E005 07 59	JO25NL	5847	3633	45
DOT	310.0		-	Don Torcuato			S34 29 52	W058 36 13	GF05QM	8935	5552	163
DOU	285.0	1300		Dourados		В	S22 11 50	W054 55 42	GG27MT	7735	4806	156
DP	226.0			Dangjiazhuang		CHN	N36 46 24	E117 22 12	OM86QS	10911	6780	347
DP	274.0			Delhi		IND	N28 35 00	E076 59 56	ML88LN	11630	7226	21
DP	304.0		civ	Ukhta		RUS	N63 36 42	E053 49 54	LP63VO	7398	4597	21
DP	325.0	1020	mil	Diepholz		D	N52 35 32	E008 27 11	JO42FO	6187	3844	48
DP	335.0		civ	Dnipropetrovsk		UKR	N48 21 26	E035 01 34	KN78MI	7957	4944	40
DP	435.0		civ	Nukus		UZB	N42 32 00	E059 35 48	LN92TM	9601	5966	29
DP	440.0		civ	Komsomolsk-na-Amure/Khurba		RUS	N50 24 30	E136 56 00	PO80LJ	8979	5580	338
DPA	597.5		iw	HRL/Morecambe AP1		IW	N53 50 44	W003 35 00	IO83EU	5401	3356	50
DPC	597.5		iw	HRL/Morecambe DP3		IW	N53 48 57	W003 33 42	IO83FT	5403	3357	50
DPD	597.5		iw	HRL/Morecambe DP4		IW	N53 52 31	W003 33 45	IO83FV	5401	3356	50
DPG	284.0	1020	mil	Dugway Proving Ground (Army)	UT	USA	N40 10 57	W112 56 15	DN30ME	2783	1729	273
DPG	597.5		iw	HRL/Morecambe DP6		IW	N53 51 51	W003 37 05	IO83EU	5398	3354	50
DPH	597.5	400	iw	HRL/Morecambe DP8		IW	N53 53 28	W003 37 05	IO83EV	5397	3353	50
DPL	344.0	1020		Kenansville/Kenan	NC	USA		W077 56 44	FM15AB	991	616	
DPO	281.0			Devonport		AUS	S41 10 26	E146 25 43	QE38FT	16287	10121	
DPP	431.0	400	iw	HRL/Morecambe DPPA		IW	N53 57 35	W003 40 20	IO83DX	5391	3350	50
DPY	216.0	1020	civ		WA			W117 25 35	DN17GX	2949	1832	
DQ	394.0	400		Pouce Coupe/Dawson Creek	ВС		N55 43 40	W120 04 06	CO95XR	3148	1956	
DQU	410.0	1020		De Quincy	LA			W093 28 01	EM30GK	1938	1205	
DQV	378.0		CIV	Deckerville	MI			W082 39 09	EN83QN	260	161	
DR	264.0	4000		Delta Romeo/El Dorado Int.				W074 09 35	FJ24WR	4371	2716	
DR DB	335.0	1020		Dnipropetrovsk	TV			E035 10 29	KN78OI	7964	4949	40
DR DB	335.0	1020	CIV	Del Rio/Kotti	TX			W100 59 32	DL99MK	2492	1549	
DR DR	361.0 385.0	1020		Dar Es Salaam De Ridder/Idder	LA			E039 12 15 W093 20 05	KI93OC EM30HS	12818 1903	7965 1182	74 225
			oiv		LA	F						
DR DB	390.0	U		Dinard/Pleurtuit-St. Malo				W002 03 10 E037 22 00	IN88XL KO85QF	5737 7510	3565	56
DR DRA	415.0 340.0			Skurygino Drammen			N55 13 00	E037 22 00 E010 04 36	JO59AR	7519 5911	4672 3673	34 39
DRE	440.0	1020		Drezdenko				E015 50 29	JO72WU	6600	4101	45
DRF	368.0	1020	CIII	Kenai	AK			W152 08 33	BP30WO	4998	3106	
DRM	218.0	1020	civ	Drummond Island	MI			W083 44 32	EN80DA	559	347	
DRW	355.0	1020		Drewitz/Cottbus	1411	D		E014 33 45	JO71GV	6584	4091	46
DRY	338.0			Manchester/Derry/Londonderry	NH			W071 23 50	FN42HU	663	412	97
DRZ	295.0			Deir Zzor	. 4111		N35 17 21	E040 11 15	LM05CG	9330	5797	46
DS	250.0		,0,	Heliushui				E106 50 42	OM30KE	11775	7316	
DS	282.5			Dar Es Salaam			S06 55 39	E039 09 13	KI93NB	12817	7964	74
DS	344.0	1020	civ	Des Moines/Forem	IA			W093 34 50	EN31FL	1186		262

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DS	375.0	1020		UNID		?		3		•		
DS	393.0			Belaya Tserkov		UKR	N49 48 00	E030 01 00	KN59AT	7584	4712	41
DS	635.0		enr	Urgut		UZB	N39 26 00	E067 15 00	MM39PK	10191	6332	25
DS	675.0			Dedovici		RUS	N57 31 00	E030 00 00	KO57AM	7012	4357	35
DSA	351.0	0	civ	Dieppe/St. Aubin		F	N49 53 00	E001 05 00	JN09NV	5873	3649	53
DSKO	423.0			Drawsko Pomorskie/Ziemsko		POL	N53 29 00	E015 44 00	JO73UL	6554	4073	44
DT	215.0			Daet		PHL	N14 08 00	E122 58 59	PK14LD	13189	8195	335
DT	257.0	1020	civ	Denton	TX		N33 17 00		EM13JG	1937	1203	239
DT	374.0			Saki				E033 37 00	KN65TC	8144	5060	43
DT	380.0		enr	Dyurtyuli		RUS	N55 28 33	E054 53 37	LO75KL	8186	5086	25
DT	388.0	1020	civ	Detroit/Revup	MI		N42 07 12	W083 25 54	EN82GC	379	236	240
DT	672.0	1020		UNID		?						
DT	675.0			UNID		?						
DTE	394.0	1020		Dayton/Mark Anton	TN		N35 28 55	W084 55 51	EM75ML	1045	649	
DTI	393.0			Doti				E080 56 12	NL09LG	11662	7247	18
DTS	254.0	400	civ	Destin	FL		N30 24 18	W086 28 26	EM60SJ	1620	1007	205
DU	251.0	400		Dubbo	14/1		S32 13 03	E148 33 33	QF47GS	15679	9743	
DU	266.0	1020		Marshfield	WI		N44 34 00	W090 09 00	EN44WN	857		279
DU	285.0		mii	Tököl			N47 18 36	E019 01 30	JN97MH	7142	4438	48
DU	291.5			UNID		? ?						
DU	322.0			UNID			N49 44 00	E022 40 00	KNIAOLID	7044	4504	4.4
DU DU	345.0 371.0	400	mil	Cherlyany Bardufoss			N69 02 54	E023 40 00 E018 36 00	KN19UR JP99HB	7244 5834	4501 3625	44 27
DU	385.0	400	11111	Calcutta		IND		E088 27 27	NL42FR	12524	7782	12
DU	393.0			Durban				E030 54 21	KF59KX	13819	8586	100
DU	450.0			Uman				E030 13 00	KN58CT	7669	4765	42
DU	507.0	1020		UNID		?	1140 43 00	L030 13 00	KNOOCI	7009	4703	72
DU	510.0	875	mil	Tököl			N47 18 33	E019 01 28	JN97MH	7142	4438	48
DUA	359.0	1020		Durant	OK		N33 56 32	W096 23 55	EM13TW	1832	1139	239
DUR	327.0	.020	iw	TotalFinaElf Exploration/Dunbar Platform	Oit	IW	N60 37 44	E001 39 03	JP00TP	5441	3381	40
DUT	283.0	1020		Unalaska/Dutch Harbor	AK		N53 54 19	W166 32 57	AO63RV	6069	3771	
DUX	414.0	1020		Dumas/Durrett	TX		N35 51 48	W102 00 46	DM85XU	2117	1315	
DV	295.0		mar	Djúpivogur		ISL	N64 39 06	W014 16 36	IP24UP	4558	2832	37
DV	353.0	1020			IA	USA	N41 41 41	W090 39 21	EN41QQ	947	589	259
DVA	393.0	1020	enr	Deva/Saulesti		ROU	N45 50 33	E023 01 02	KN15MU	7483	4650	48
DVI	490.0	1020	civ	Donaueschingen-Villingen		D	N47 57 39	E008 31 22	JN47GX	6452	4009	52
DVK	311.0	1020	civ	Danville/Goodall	KY	USA	N37 34 35	W084 45 51	EM77ON	832	517	214
DVN	418.0	1020	civ	Split/Drvenik		HRV	N43 26 48	E016 08 37	JN83BK	7225	4490	53
DVZ	354.0	1020	civ	Mocksville/Davie/Advance	NC	USA	N35 54 48	W080 27 22	EM95SV	890	553	186
DW	288.0		civ	Szczytno/Szymany		POL	N53 26 14	E020 54 44	KO03KK	6841	4251	42
DW	291.5		mar	Devyatyy Val/Ostrov Shpanberga		RUS	N43 44 00	E146 43 00	QN33IR	9274	5762	328
DW	300.0			Kariba			S16 30 52	E028 53 09	KH43KL	12729	7909	90
DW	329.0			UNID		?						
DW	375.0	1020		Tulsa/Owaso	OK		N36 18 26	W095 52 31	EM26BH	1630	1013	245
DW	437.0	1020		Moscow/Domodedovo				E037 52 24	KO85WK	7523	4674	33
DW	522.0		enr	Vorkuta			N67 29 18	E063 59 30	MP17XL	7276	4521	15
DW	625.0			Buyalyk			N46 54 00	E030 42 00	KN56IV	7842	4873	43
DW	768.0	400*		Chaldovar			N42 49 00	E073 33 00	MN62ST	10032	6234	19
DW	995.0	400*	enr	Nikolskoye				E049 11 00	LO44OA	8111	5040	29
DW	1110.0	1000	٠:-	Davydo-Mykilske	TV			E039 50 30	KN98WM	8185	5086	37
DWH	521.0	1020	CIV	Houston/David Hooks/Hufsmith	TX			W095 33 57	EM20FD	2088	1297	
DWI	310.0	1000	ci.	Dawei  Dortmund/Miskeds			N14 06 56	E098 12 11	NK94CC	13576	8436	3 40
DWI	357.0	1020			NIE.	D		E007 38 04	JO31TM	6196	3850	49
DWL	353.0			Gothenburg/Willow	NE			W100 04 21	DN90XU	1726	1072	
DWN	350.0	1020		Devnya for Varna			N43 15 00	E027 39 15	KN33TG	7949 5415	4940	47 30
DX	323.0		IW	Shell Expro/Dunlin Alpha		IW	ושו וטעו	E001 35 46	JP01TG	5415	3365	39

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
DX	334.0		civ	Dax/Seyresse		F	N43 41 54	W001 01 36	IN93LQ	6055	3762	61
DX	1255.0	1020		Maksim Gorky		RUS	N54 18 00	E056 47 00	LO84JH	8361	5195	25
DXE	423.0	1020		Dexter	MO	USA	N36 47 17	W089 56 27	EM56AS	1188	738	232
DXT	370.0	1020	civ	Dalton	MA	USA	N42 28 15	W073 10 13	FN32JL	535	332	105
DXX	341.0	1020	civ	Madison/Dawson	MN	USA	N44 59 03	W096 10 45	EN14VX	1334	829	281
DY	275.0	400		Kansas City/Lexey	MO	USA	N39 23 22	W094 40 42	EM29PJ	1361	846	254
DY	284.5	1020	civ	Düsseldorf		D	N51 14 30	E006 40 04	JO31IF	6152	3823	50
DY	363.0			Yabrai				E102 48 48	OM19JJ	10776	6696	
DY	480.0	400		Minsk 1			N53 55 00	E027 42 00	KO33UW	7160	4449	39
DY	598.0			Nagornaya			N39 45 00	E066 24 00	MM39ES	10129	6294	26
DYB	330.0		•	Diyarbakir			N37 52 15	E040 12 31	LM07CU	9109	5660	44
DYB	365.0	1020		Summerville/Dorchester Co	SC		N33 03 41	W080 16 38	EM93UB	1205	749	184
DYL	237.0	1020		Doylestown	PA		N40 20 08	W075 07 20	FN20KI	534	332	
DYO	221.0	1020	CIV	Rutland/Smuto	VT		N43 42 23	W072 57 26	FN33MQ	523	325	90
DYQ	263.0	1020		Greeneville/Dulaney	TN		N36 08 09	W082 53 25	EM86ND	910	565	
DYS DZ	227.0 287.5	1020	mar	Dysart Dziwnów			S22 35 51 N54 01 48	E148 21 04	QG47EJ JO74IA	15067	9362	283 44
								E014 44 12		6466	4018	
DZ DZD	780.0 377.0		CIV	Osh UNID		KGZ	N40 34 49	E072 50 41	MN60KN	10247	6367	21
DZF	293.0		mil	Dezful/Vahdati			N32 26 00	E048 23 00	LM42EK	10038	6237	42
DZM	305.0		111111	Dumas	AR		N33 53 04	W091 31 53	EM43FV	1524	947	
E	308.0	400	civ	Edmonton Intl/Echo	AB		N53 15 15	W113 39 36	DO33EG	2698	1676	
E	405.0	400		Kiev/Borispol	,,,,			E030 52 49	KO50KH	7590	4716	40
E	448.0		0	UNID		?						
E	640.0		civ	Craiova			N44 19 06	E023 51 24	KN14WH	7643	4749	48
E	715.0			Odesa/Central			N46 24 22		KN56IJ	7880	4896	43
E	733.0			Shymkent		KAZ	N42 22 13	E069 27 06	MN42RI	9961	6189	22
E	887.0		civ	Moscow/Domodedovo		RUS	N55 23 18	E037 57 06	KO85XJ	7531	4680	33
E	1005.0		civ	Yerevan/Zvarnots		ARM	N40 08 54	E044 23 48	LN20ED	9135	5676	40
E	1055.0			Redzikowo		POL	N54 28 44	E017 06 27	JO84NL	6569	4082	42
E2	295.0			Tisdale	SK	CAN	N52 47 53	W104 02 22	DO72XT	2059	1279	307
E3	361.0	400		Wabasca	AB	CAN	N55 57 49	W113 49 25	DO35CX	2769	1720	311
E8	492.0	400		Natuashish	NL		N55 54 44	W061 11 22	FO95JV	1862	1157	38
EA	239.0	1020	civ	Eau Claire/Maggs	WI		N44 56 41	W091 22 25	EN44HW	955	594	
EA	256.0			Eastleigh			S01 15 54	E036 52 05	KI88KR	12190	7574	72
EA	304.0			UNID		?						
EA	323.0			Calcutta		IND	N22 38 44	E088 26 55	NL42FP	12535	7789	12
EA	339.0	400	civ	Stockholm/Arlanda		S	N59 40 48	E018 06 30	JO99BQ	6311	3922	37
EA	345.0 417.0			Yekaterinoslavka Crainus			N54 21 00	E072 28 00 E023 59 37	MO64FI	8797	5466 4754	16
EA EA	417.0	1020		Craiova Kearney/Anoke	NE			W099 01 32	KN14XH EN00LP	7652 1651	1026	48
EA	437.0	1020	CIV	UNID	INL	?	1140 37 34	VV099 01 32	LINUULF	1031	1020	204
EA	486.0			UNID		; ?						
EA	517.0	1020		UNID		?						
EA	520.0	1020		UNID		?						
EA	522.0	.020		UNID		?						
EA	582.0		enr	Biriukove		-	N47 58 00	E039 44 00	KN97UX	8225	5111	38
EÄ	389.0			UNID		?						
EAD	209.0	1020		Nevada	МО	USA	N37 51 32	W094 18 10	EM27UU	1417	880	247
EAE	432.0		neg	PK-432				E015 48 54	JO70VA	6774	4209	47
EAF	322.0			GDA-322		POL	N54 20 42	E018 35 54	JO94HI	6658	4137	
EAG	302.0	1020	_	Eagle Grove	IA	USA	N42 42 31	W093 54 38	EN32BR	1179	732	269
EAG	399.0	1020		Logroño/Agoncillo		Ε	N42 27 05	W002 18 53	IN82UK	6033	3748	63
EAI	432.0		neg	PK-432		CZE	N50 00 42	E015 48 54	JO70VA	6774	4209	47
EAL	332.0	1020		Almagro		Ε	N38 57 08	W003 45 25	IM88CW	6126	3806	67
EAS	391.5	400	civ	Southampton/Eastleigh		G	N50 57 18	W001 21 22	IO90HW	5665	3520	53

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
EAV	391.0	114	civ	Bettles/Evansville	AK		N66 53 36	W151 33 49	BP46FV	4857	3018	327
EB	256.0	1020	0.1	Edmonton/Namao CFB	AB			W101 00 40	DO33GQ	2692	1673	306
EB	379.0	1020	civ	StÉtienne-Bouthéon	,,,	F		E004 17 06	JN25DP	6310	3921	56
EB	1170.0		civ	Matveyevsky				E083 05 00	NO14NW	8929	5548	10
EBR	338.0		iw	East Brae/Marathon		IW		E001 31 30	JO08SV	5499	3417	42
EBS	323.0	1020		Webster City	IA	USA	N42 26 29	W093 52 09	EN32BK	1182	734	267
EBT	386.0		mil	Bétera		Е	N39 37 23		IM99SO	6327	3932	65
EC	217.0	1020		Cedar City/Meggi	UT			W113 01 17	DM37LS	2889	1795	268
EC	323.0		iw	Petroland B		IW		E004 00 09	JO23AQ	5867	3646	48
EC	335.0			Iquitos			S03 47 46	W073 19 34	FI36IE	5317	3304	
ECA	385.0			El Calafate				W072 03 00	FD39XR	10459	6499	175
ECB	410.0	1020		El Cabo			N12 11 28		FK32WE	3583	2227	167
ECH	341.0			Echuca				E144 45 53	QF23JU	16198	10065	268
ECN	290.0			Ercan		CYP	N35 09 30	E033 29 35	KM65RD	8944	5557	50
ECV	319.0		civ	Colmenar Viejo		Ε	N40 41 58	W003 45 46	IN80CQ	6026	3744	65
ECY	263.0	1020		Eunice	LA	USA	N30 33 35	W092 26 53	EM30SN	1871	1163	222
ED	244.0			Echo Delta/El Dorado Int.		CLM	N04 45 54	W074 13 14	FJ24VS	4366	2713	172
ED	350.0			Ende		INS	S08 50 52	E121 39 54	PI01TD	15619	9705	326
ED	409.0		enr	Yevlakh		AZE	N40 36 24	E047 11 00	LN3000	9234	5738	38
ED	786.0		civ	Ekaterinburg/Koltsovo		RUS	N56 44 12	E060 54 36	MO06KR	8255	5129	21
EDE	265.0	1020		Edenton	NC	USA	N36 01 31	W076 34 00	FM16RA	908	564	163
EDJ	242.0	1020		Bellefontaine	ОН	USA	N40 22 15	W083 48 49	EN80CI	532	331	224
EDN	311.0			Edinburgh		AUS	S34 42 25	E138 37 54	PF95HH	16615	10324	275
EDN	341.0	400	civ	Edinburgh		G		W003 17 03	IO85IX	5337	3316	47
EDR	368.0			Edremit/Korzef		TUR			KM39MN	8194	5091	50
EDR	423.5		iw	Shell Expro/Eider		IW		E001 09 35	JP01NI	5390	3349	39
EDX	201.0	1020	civ	Edna/Jackson County	TX			W096 35 05	EL19QA	2247	1396	228
EE 	362.0	1020		Ames	IA			W093 39 33	EN31EV	1179	733	264
EE	374.0	1020		Alexandria/Tamie	MN		N45 47 30		EN25IT	1268	788	285
EEAIRE	423.0			PCW-423	OH		N41 31 07		EN81NM	384	239 2259	228 273
EEAUEA EEAUEE	327.0 327.0		_	PDG-327 PDG-327	CA CA		N36 54 49 N36 54 49	W121 48 29 W121 48 29	CM96CV	3636 3636	2259	273
EEAV	338.0		_	PBT-338	CA		N40 06 51		CM96CV CN80VC	3529	2193	278
EEC	327.0		_	Sevilla/El Copero	OA	E		W006 00 05	IM67XH	6053	3761	70
EEE	359.0			UNID		?	1407 10 00	***************************************	IIVIO7 XI I	0000	3701	70
EEF	391.0	1020	civ	Sisters Island/Elephant	AK	-	N58 10 15	W135 15 29	CO28IE	4082	2537	313
EEI	361.0	.020	0	UNID		?			0020.2			0.0
EEJ	428.0	1020		Sanford	NC	USA	N35 22 00	W079 13 00	FM05JI	947	589	179
<b>EENAIE</b>	521.0		neg	ORC-521	IA	USA	N42 59 29	W096 03 38	EN12XX	1346	836	272
EERK	370.0			PAI-370	CA	USA	N34 15 35	W118 24 48	DM04TG	3500	2175	266
EERN	370.0		_	PAI-370	CA	USA	N34 15 35	W118 24 48	DM04TG	3500	2175	266
EETS	330.0		neg	OB-330		SVK	N48 06 54	E017 18 12	JN88PC	6985	4341	48
EEX	309.0	1020	civ	Swainsboro/Emanuel County	GA	USA	N32 40 01	W082 27 09	EM82SQ	1273		193
EF	206.0	1020		Castlegar/Champion	BC	CAN	N49 15 22	W117 38 06	DN19EG	2954	1835	295
EF	410.0			UNID		?						
EF	421.0	1020	civ	McKinney/Fluet	TX		N33 15 43	W096 35 20	EM13QG	1897	1178	237
EF	563.0			UNID		?			B.110 :==	,		
EFC	269.0	1020		Belle Fourche	SD			W103 51 33	DN84BR	1942	1207	
EFF	404.0	4000	neg	ZLA-404	\			E018 30 48	JN99GE	6985	4340	47
EFK EEW	242.0	1020	oi.	Newport	VT			W072 10 38 W094 20 34	FN34VW	591	368	76 265
EFW	391.0	1020	CIV	Jefferson Chittagang	IA				EN22TA	1231	765 7846	
EG EG	287.0 397.0	0	civ	Chittagong Grenoble/St. Geoirs		F F GD		E091 49 05 E005 23 54	NL52VG JN25QI	12627 6400	7846 3977	9 56
EG	511.0			Poznan/Lawica				E005 23 54 E016 53 00	JO82KK	6685	4154	45
EGB	403.0	1020		Eggebek		D		E010 53 00 E009 19 42	JO62RR JO44PN	6133	3811	45 45
EGE	357.0			Eagle/Gypsum Co	СО			W106 54 51	DM69NP	2320	1442	
				- 0 1						_5_5		_,,

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
EGG	393.0			Eggenfelden		D	N48 23 49	E012 44 59	JN68IJ	6691	4157	50
EGN	382.0	400	civ	Athens Central/Aegina Island		GRC	N37 45 51	E023 25 26	KM17RS	8103	5035	54
EGN	421.5		iw	Elgin/TotalFinaElf Exploration		IW	N57 00 40	E001 50 10	JO07WA	5591	3474	45
EGQ	410.0	1020	civ	Emmetsburg	IA	USA	N43 06 04	W094 42 26	EN23PC	1235	767	271
EGT	328.5	400	pri	Londonderry/Eglinton		G	N55 02 42	W007 09 18	IO65KB	5138	3192	49
EGT	414.0	1020	civ	Wellington	KS	USA	N37 19 26	W097 23 22	EM17HH	1679	1043	250
EGV	341.0	1020		Eagle River	WI		N45 55 58	W089 15 48	EN55IW	806	501	290
EGY	374.0			English Bay	AK		N57 07 26		AO47UC	6109	3796	318
EH	386.0	1020	civ	Egelsbach		D		E008 38 33	JN49HX	6345	3942	50
EHA	377.0	1020		Elkhart	KS		N37 00 04	W101 53 05	DM97BA	2043	1269	256
EHH	388.0	4000		UNID	A 1.6	?	NEO 00 04	W400 04 00	4 O00VD	5507	0.470	040
EHM	385.0	1020		Cape Newenham (AF)	AK		N58 39 21	W162 04 33	AO88XP	5597	3478	318
EHN	397.0 291.5	400		Eindhoven				E005 23 42	JO21QL	6062	3767	50 48
EI EI	291.5		mai	Nos Emine UNID		ВОL ?	N42 42 00	E027 54 06	KN32WQ	8006	4975	40
El	341.0	1020	civ	Enid/Garfy	ОК		N36 16 30	W097 47 27	EM16CG	1772	1101	248
EIW	314.0	1020	CIV	Lilbourn/New Madrid County	MO		N36 32 11	W089 36 06	EM56EM	1187	738	230
EJ	400.5	400	civ	Esbjerg	IVIO		N55 33 00		JO45IN	6045	3756	44
EJK	397.0	-00		Greensboro	GA			W083 08 27	EM83KO	1187	738	197
EK	323.0	1020		Petroland A	٠, ١	IW	N53 36 01		JO23BO	5876	3651	48
EK	326.0	1020			WI		N44 16 00		EN54BG	836	519	276
EK	417.0	1020	civ	Worcester/Gozzr	MA		N42 15 33		FN42DG	654	407	104
EKD	391.5	400		UNID		?						
EKQ	290.0	1020		Monticello/Elk Spring	KY	USA	N36 51 22	W084 51 11	EM76NU	906	563	212
EKS	286.0	1020		Ennis	MT	USA	N45 15 57	W111 39 08	DN45EG	2544	1581	285
EL	205.0			Santiago/Arturo Merino Benitez		CHL	S33 21 59	W070 47 15	FF46OP	8601	5344	173
EL	242.0	1020	civ	El Paso/Valtr	TX	USA	N31 51 37	W106 19 04	DM61UU	2697	1676	249
EL	269.0	1020		Wellsville/Halos	NY	USA	N42 06 36	W077 54 54	FN12BC	235	146	147
EL	291.5			Ostrov Appapel				E164 40 12	RP22IM	6911	4294	332
EL	335.0			Ellidavatn		ISL		W021 46 15	HP94CB	4195	2607	37
EL 	418.0	1020		El Dorado	AR			W092 49 00	EM33OE	1659	1031	229
EL	440.0			Shalkar Sharan (Kallana)			N47 50 01	E059 31 11	LN97SU	9080	5642	26
EL	786.0	4000		Ekaterinburg/Koltsovo		RUS		E060 43 06	MO06IR	8248	5125	21
ELB ELF	360.0 418.0	1020		Elba Elefsis		GRC		E010 23 38 E023 33 36	JN52ER KM18SB	6895 8089	4285 5026	56 54
ELI	283.0		111111	St Elie		GUF	N04 49 19	W053 17 03	GJ34IT	5032	3127	142
ELI	373.0			Eldoret			N00 23 58	E035 12 46	KJ70OJ	11930	7413	72
ELO	325.0			El Dorado		VEN		W061 35 02	FJ96ER	4472	2779	152
ELO	358.0	400	civ	El Oued/Guemar			N33 30 23		JM33JM	7248	4504	67
ELQ	261.0	1020		Emporia	VA			W077 25 32	FM16GO	826	514	167
ELT	345.0		joi	Elat/J. Hozman			N29 30 01		KL79KM	9501	5904	53
ELU	368.5	1020	•	Luxembourg				E006 21 19	JN39EQ	6218	3864	51
EM	215.0		civ	Egedesminde/Aasiaat		GRL	N68 42 36	W052 50 36	GP38NR	3160	1963	20
EM	295.5	0	civ	Etampes/Mondésir		F	N48 22 31	E002 04 49	JN18AJ	6014	3737	54
EM	355.0			Entebbe		UGA	N00 08 19	E032 25 29	KJ60FD	11736	7293	74
EM	417.0		civ	Craiova		ROU		E023 45 54	KN14VH	7638	4746	49
EMB	525.0			Embuguaçú		В		W046 48 59	GG66OD	8208	5100	149
EMC	375.0			Winnemucca	NV			W117 50 30	DN10BX	3147	1955	278
EMD	345.0	1020		Emden		D		E007 14 30	JO33OJ	6073	3774	47
EME	353.5	400	civ	East Midlands		G		W001 11 36	IO92JT	5590	3474	50
EML	324.0	4000		Emerald	•			E148 10 16	QG46CK	15150	9414	
EMR	385.0	1020		Augusta/Emory	GA		N33 27 46		EM93AL	1179		192
EMT	359.0			El Monte	CA		N34 05 18		DM04XC	3479	2162	265
EMT EMV	419.0 346.0	U	CIV	Epinal/Mirecourt Emporia	١/٨	F	N48 19 57 N36 40 58	E006 11 37 W077 28 56	JN38CH FM16GQ	6283 818	3904 509	53 168
EMW	393.0	400	civ	Emporia East Midlands	VA	G		W077 28 56 W001 27 12	IO92GT	5574	3464	51
□ IA! AA	J <b>9</b> J.U	400	CIV	Last iviidialius		G	1102 49 42	VVUU 1 Z1 1Z	103201	5574	5404	31

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
EN	291.5	ПZ		Yenikalskiy/Mys Fonar	3/1		N45 23 06	<b>Long</b> E036 38 24	KN85HJ	8282	<b>mi</b> 5146	41
EN	300.5	٥		Yenikalskiy/Mys Fonar				E036 38 24	KN85HJ	8282	5146	41
EN	315.0	U	civ	Izmir/Adnan Menderes				E027 09 40	KM38NG	8303	5159	51
EN	327.0		0.1	UNID		?	1100 10 00	2027 00 10	141100110	0000	0.00	0.
EN	337.0			UNID		?						
EN	356.0			Essendon		AUS	S37 43 36	E144 54 41	QF22KG	16262	10105	265
EN	360.0		enr	Shymkent		KAZ	N42 22 39	E069 25 01	MN42RJ	9959	6188	22
EN	389.0	1020	civ	Kenosha/Codee	WI	USA	N42 33 37	W088 01 44	EN52XN	712	442	261
EN	394.0			Enugu		NIG	N06 28 02	E007 33 57	JJ36SL	9278	5765	87
EN	400.0	400	pri	Örebro		S	N59 17 28	E015 03 54	JO79MG	6184	3843	38
EN	407.0			UNID		?						
EN	426.0	1020	civ	Omaha/Rikky	NE	USA	N41 13 11	W095 49 04	EN21CF	1374	854	263
EN	588.5		iw	Maersk Endeavour		IW	N55 31 48	E005 00 24	JO25MM	5837	3627	45
ENJ	479.0			UNID		?						
ENS	352.0	400	enr	Ennis for Shannon		IRL	N52 54 19	W008 55 40	IO52MV	5101	3170	53
ENS	400.0	1020		Ensenada			N31 47 45	W116 36 25	DM11QT	3498	2174	
ENY	254.0	1020		Ashland/Kennedy	WI		N46 33 11	W090 54 52	EN46NN	946	588	
ENZ	394.0	1020	CIV	Nogales	ΑZ			W110 50 47	DM41NK	3071	1908	
EO	292.0		mar	Ermelo Myo Vogorovo			S26 34 00	E030 14 00	KG53CK	13540 9560	8413	98
EO EOA	306.5 395.0		mai	Mys Yegorova UNID		?	1144 47 03	E136 26 30	PN84FS	9560	5941	335
EOE	278.0	400	civ	Newberry/Enoree	sc		N34 18 42	W081 38 09	EM94EH	1080	671	191
EOG	417.0	1020	CIV	Greensboro	AL		N32 36 08	W087 39 47	EM62EO	1443	897	
EOK	366.0	1020	civ	Keokuk	IA		N40 27 53	W091 26 01	EN40GL	1059	658	
EOP	385.0	1020		Waverly	ОН		N39 10 01	W082 55 56	EM89ME	600		210
EP	225.0			Carriel Sur Intl			S36 47 27	W073 04 25	FF33LF	8958	5567	
EPI	401.0		pri	Epitalion		GRC	N37 37 00	E021 29 42	KM07RO	7988	4963	55
EPL	237.0			El Pinal		VEN	N07 31 07	W071 57 50	FJ47AM	4096	2545	168
EPM	260.0	1020	civ	Eastport	ME	USA	N44 54 45	W067 00 44	FN64LV	997	619	79
EPM	316.0	400	enr	Epsom for Heathrow		G	N51 19 10	W000 22 19	IO91TH	5710	3548	52
EPO	225.0			El Paso/El Eden		CLM	N04 28 22	W075 33 24	FJ24FL	4384	2724	174
EPO	370.0			Bahia Blanca/Comandante Espora			S38 44 02	W062 09 46	FF81WG	9315	5788	
EPP	377.0			Epping			S37 40 18	E145 01 35	QF22MH	16250	10097	
EQ	542.0	4000	CiV	Krasnoturansk	140		N54 16 00	E091 35 00	NO54TG	9093	5650	5
EQA	383.0	1020	<b>-</b> :	El Dorado	KS		N37 46 46	W096 48 59	EM170S	1610	1000	
EQQ EQZ	234.0 308.0	1020 1020	CIV	Newnan/Coweta County Seymour/Captain	GA IN		N33 15 24 N38 52 03	W084 42 46 W085 58 23	EM73PG EM78AU	1266 780	787 485	
ER	263.0	1020	civ	Kerrville/Shein	TX			W000 30 23 W099 00 34	EL09LV	2322	1443	
ER	337.0	1020	CIV	Zonalnoye	17			E142 45 00	QO10JQ	8763	5445	
ER	345.0			Ellisras			S23 44 58	E027 37 23	KG36TG	13141	8165	97
ER	349.0	1020	civ	Erie/Esmer	PA		N42 02 19	W080 15 19	EN92UA	216	134	
ER	402.0			RA-402				E014 31 00	JN78GW	6764	4203	49
ER	434.0		_	Erzurum/Mudurge		TUR	N39 57 36	E041 17 41	LM09PX	8988	5585	42
ER	435.0		enr	Yegorlykskaya		RUS	N46 35 00	E040 40 00	LN06IN	8388	5212	38
ER	496.0		civ	Yerevan/Zvarnots		ARM	N40 08 45	E044 28 57	LN20FD	9139	5679	40
ER	1175.0			UNID		?						
ERD	401.0			Eregli/Erdemir				E031 25 06	KN51RG	8326	5174	47
ERH	421.0		•	Erhac/Malatya				E038 06 44	KM98BL	8941	5556	45
ERK	383.0	400		Erken		S		E018 20 13	JO99EV	6310	3921	37
ERL	364.0		_	GRU-364				E018 46 18	JO93JM	6720	4176	43
ERN	430.0		JOI	Erzincan				E039 31 46	KM99SR	8914	5539	43
ERO ERP	384.0			Quintero			S32 44 20 S06 39 40	W071 29 48	FF47GG	8524 5691	5297 3530	
ERT	265.0 425.0	1020	civ	Eirunepê Erfurt		B D		W069 52 21 E010 55 23	FI53BI JO50LX	5681 6425	3992	168 48
ERZ	354.0	1020		Erzurum				E010 55 25 E041 12 25	LM09OW	8984	5582	42
ES	202.5		احر	Eshowe				E031 26 54	KG51RC	13789	8568	99
						-						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ES	223.0	1020	civ	Alexander/Andra	LA		N31 23 31	W092 10 55	EM31VJ	1781	1107	223
ES	338.0			Ankara/Esenboga				E033 02 18	KN60ME	8506	5286	47
ES	344.0	1020		Escanaba/Pikle	MI	USA	N45 43 22	W087 13 29	EN65JR	647	402	291
ES	365.0	1020	civ	Egilsstadhir		ISL	N65 14 19	W014 27 07	IP25SF	4548	2826	36
ES	380.0		civ	Istanbul/Atatürk		TUR	N40 57 42	E028 48 36	KN40JX	8195	5092	48
ESA	288.0		civ	Essaouira		MRC	N31 30 00	W009 46 00	IM51CM	6114	3799	78
ESG	260.0	1020	civ	Rollinsford/Rollins	NH	USA	N43 13 13	W070 49 42	FN43OF	701	436	93
ESH	413.0			Esfahan/Shahid Vatan Pour		IRN	N32 33 59	E051 41 37	LM52UN	10199	6337	39
ESL	350.0			East Sale		AUS	S38 06 46	E147 09 36	QF31NV	16100	10004	263
ESM	215.0			Esmeraldas			N00 58 15	W079 37 46	FJ00EX	4755	2955	180
ESN	212.0	1020		Easton	MD		N38 48 17	W076 04 10	FM18XT	632	393	152
ESP	326.0			Esperance			S33 41 13	E121 49 38	PF06VH	17859	11097	
ESP	381.0	400		Helsinki/Vantaa/Espoo		FIN	N60 14 54	E024 47 47	KP20JF	6589	4094	34
ESR	372.0	4000	civ	Eskisehir/Anadolu	A 1.6				KM59GT	8388	5212	48
ESS	260.0	1020		Middleton Island/Wessels	AK			W146 20 35	BO69TK	4705	2924	
ESS	398.0	400	civ	Kokkola-Pietarsaari/Kruunupyy/Esse UNID		FIN ?	N63 38 13	E023 06 32	KP13NP	6304	3917	31
EST	340.0	1020			٨١		N20 20 E0	W007 42 22	EM60DL	1656	1020	200
ESU ESY	204.0 338.0	1020 1020	civ	Summerdale West Yellowstone	AL MT		N30 29 58 N44 41 23	W087 43 33 W111 07 16	DN44KQ	1656 2513	1029 1561	209 283
ET	344.0	1020		Bethel	AK		N60 47 48	W111 07 10 W161 49 17	AP90CT	5499	3417	
ET	443.0	1020	CIV	UNID	ΛI	?	1100 47 40	VV 101 43 17	AI 30CI	3433	3417	320
ETC	257.0	1020		Tarboro	NC		N35 56 08	W077 32 47	FM15FW	899	559	169
ETH	326.0	1020	civ	Wheaton	MN		N45 47 00	W096 32 49	EN15RS	1365	848	285
ETLE	428.0	.020		MNF-428		E	N37 17 41	W005 33 44	IM77FH	6088	3783	70
ETN	410.0	0	mil	Etain/Rouvres		F	N49 13 43	E005 40 28	JN29UF	6200	3852	52
ETP	363.5		iw	Etap/BP Exploration Operatingr Co Plc		IW	N57 17 40	E001 39 41	JO07TH	5570	3461	44
ETV	321.0		neg	ABT-321		Ε	N38 56 39	W001 59 52	IM98AW	6256	3887	66
EU	260.0	1020	civ	Eugene/Frakk	OR	USA	N44 12 46	W123 13 14	CN84JF	3465	2153	286
EU	368.0	1020		Murray	KY	USA	N36 43 15	W088 17 24	EM56UR	1094	680	226
EUD	254.0	1020		York	PA	USA	N39 55 12	W076 52 39	FM19NW	491	305	153
EUEF	348.0		neg	ZZA-348		Е	N41 36 00	W000 52 36	IN91NO	6183	3842	63
EUR	392.0	1020	civ	Eureka	MT		N48 57 50	W115 05 32	DN28KX	2769	1721	
EUU	251.0	1020		Smithfield/Jnall	NC			W078 21 16	FM05TO	925	575	
EV	219.0	1020	CiV	Evansville/Vicci	IN			W087 26 27	EM68GD	927	576	
EV	254.0	400		Inuvik	NT		N68 19 34	W133 35 34	CP38EH	4107	2552	330
EVB	390.0	1000		UNID	г	?	NOO 02 46	W000 F6 20	EL OOMB	1650	1007	105
EVB EVG	417.0 393.0	1020		New Smyrna Beach	FL		N29 03 16 N08 37 21	W080 56 28 W071 39 53	EL99MB FJ48EO	1652 3981	1027 2474	185 167
EVO	385.0		civ	El Vigia East Liverpool	ОН			W080 38 19	EN90QQ	371	230	196
EVU	317.0	1020	CIV	Maryville/Emville	MO			W094 54 56	EN20NJ	1333		259
EVZ	308.0	1020	civ	Cartersville	GA		N34 12 02	W084 50 48	EM74NE	1172	729	
EW	241.0			Newark/Chesa/Chelsea	NJ			W074 13 48	FN20VO	566		129
EW	274.0			New Bedford/Nefor	MA	USA	N41 37 18	W071 01 04	FN41LO	735		107
EW	362.0	1020	civ	New Bern/Katfi	NC	USA	N35 01 17	W077 04 47	FM15LA	1006	625	168
EWK	281.0	1020		Newton	KS	USA	N38 03 51	W097 16 24	EM18IB	1629	1012	253
EWN	275.0		civ	Yerevan/Zvarnots		ARM	N40 14 06	E044 33 17	LN20GF	9135	5676	40
EWP	400.0	1020		Newport	AR	USA	N35 38 31	W091 10 50	EM45JP	1357	843	232
EWZ	405.0	800*		Viljandi		EST		E025 30 46	KO28SI	6746	4192	36
EX	337.0	400	civ	Exeter		G		W003 17 36	IO80IS	5549	3448	54
EX	374.0	400		Rutland/Kelowna	ВС		N49 56 23	W119 22 32	DN09HW	3075	1911	
EY	209.0	1020	civ	Indianapolis	IN		N39 56 00	W086 14 00	EM69VW	714		234
EY	233.0	1020		Chesapeake/Chesi	VA		N36 35 59	W076 22 55	FM16TO	851	529	
EY	510.0	_		Kaukey			N45 16 00	E061 46 00	MN05VG	9413	5849	26
EYa	309.5			Mys Yevpatoriyskiy	<b>-</b> .			E033 16 12	KN65PD	8121	5046	43
EYA	357.0	1020	civ	Jacksonville/Eastport	FL			W081 36 34	EM90EK	1507	937	
EYQ	286.0	1020		Houston/Weiser	TX	USA	NZ9 00 UZ	W095 38 28	EL29EW	2109	1310	228

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
EZ	204.0			Newark/Lizah/Elizabeth	NJ		N40 36 26	W074 13 05	FN20VO	566	352	128
EZ	294.5		mar	Mys Yelizavety		RUS	N54 25 30	E142 43 00	QO14IK	8401	5220	336
EZA	240.0			Elorza		VEN	N07 03 26	W069 29 36	FJ57GB	4196	2607	164
EZE	226.0	1020		Cleveland/Engel	ОН	USA	N41 29 20	W081 43 22	EN91DL	326	202	
EZF	237.0	1020		Fredericksburg/Shannon	VA		N38 15 59	W077 27 03	FM18GG	648	402	
EZI	245.0	1020		Kewanee	IL			W089 57 33	EN51AE	912	567	255
EZM	366.0	1020		Eastman	GA		N32 08 03		EM82KD	1345	836	195
EZN	273.0			Ezion				E035 06 42	KM71NP	9334	5800	51
EZS	338.0		joi	Elazig	٥.,			E039 17 56	KM98PO	8995	5589	44
EZY	241.0	1020		Elk City	OK			W099 23 53	EM05HK	1945	1209	248
EZZ	394.0	1020	CIV	Cameron	МО		N39 43 45	W094 16 20	EM29UR	1313	816	255
F	268.0		oi.	UNID		?	N40 40 00	E020 28 00	KNEOLT	7606	4706	44
F F	276.0 285.0			Uzin Simferopol			N49 49 00 N45 04 35	E030 28 00 E033 59 00	KN59FT KN65XB	7606 8165	4726 5074	41 43
F	286.0		civ civ	<u>.</u> .				E036 20 30	KO84EN	7526	4676	43 34
F	292.0	400	civ	Edmonton Intl/Foxtrot/Nisku	AB			W113 40 21	DO33DI	2700	1678	305
F	295.0	400		Sliac-Hájniky	ΛD		N48 37 00	E019 08 00	JN98NO	7061	4387	47
F	300.0		0.1	Formosa				W058 14 18	GG03VS	8061	5009	160
F	300.0	1020		Pruszcz Gdanski				E018 41 58	JO94IF	6670	4144	42
F	305.0			Rosario			S32 52 57		FF97OC	8711	5413	164
F	325.0		joi	Ljungby/Feringe		S	N56 57 54	E013 55 54	JO66XX	6254	3886	41
F	338.0	400		Östersund/Frösön		S	N63 12 11	E014 27 30	JP73FE	5952	3698	34
F	375.0		civ	Sofia		BUL	N42 41 50	E023 22 34	KN12QQ	7733	4805	50
F	375.0		civ	Magadan/Sokol		RUS						
F	380.0		civ	Falköping		S	N58 40 48	E013 36 12	JO68TQ	6144	3818	39
F	384.0		civ	lasi		ROU	N47 11 42	E027 36 30	KN37TE	7649	4753	44
F	408.0	400	civ	Helsinki/Malmi		FIN	N60 16 00	E025 02 54	KP20MG	6599	4100	34
F	410.0	1020		Kaliningrad/Khrabrovo		KAL	N54 52 30	E020 33 30	KO04GV	6728	4181	41
F	416.0		neg	SA-416		Е	N43 26 12	W003 50 54	IN83BK	5870	3647	62
F -	520.0			UNID		?						
F -	588.0			Kurumoch/Samara			N53 30 30	E050 10 30	LO53CM	8196	5093	29
F	588.0			Yuzhny/Tashkent			N41 15 41	E069 18 37	MN41PG	10071	6258	23
F	598.0		civ				N48 52 48	E024 43 00	KN28IV	7363	4575	44
F F	660.0 672.0		civ	Tiksi Amderma			N71 40 30	E128 53 00 E061 31 00	PQ41KQ MP09SS	6992 7005	4345 4353	350 14
F	700.0	1020	CIV	UNID		?	1109 40 00	20013100	WIF 0933	7005	4333	14
F	715.0	1020	mil	Čáslav		-	N49 56 00	E015 24 00	JN79QW	6755	4197	47
F	750.0			Komsomolsk-Na-Amure/Khurba				E137 04 30	PO80MO	8954	5564	338
F	765.0		civ				N59 54 30	E150 40 00	QO59IV	7628	4740	
F	825.0			Cherepovets				E038 02 42	KO99AH	7224	4489	30
F	830.0			UNID		?						
F	855.0		civ	Dushanbe		TJK	N38 32 36	E068 47 42	MM48JN	10334	6421	24
F	1108.0		civ	Velikiy Ustyug		RUS						
F4	402.0			Little Cornwallis Island	NU	CAN	N75 23 39	W096 56 46	EQ15MJ	3610	2243	352
F6	210.0	400		Chetwynd	ВС	CAN	N55 41 40	W121 32 15	CO95FQ	3239	2013	309
F7	353.0	400		Parry Sound/Georgian Bay	ON			W079 50 12	FN05BG	156	97	349
F8	384.0	400		Victoriaville	QC			W071 55 37	FN46AC	642	399	65
F9	520.0	400		Miramichi/Chatham	NB			W065 28 03	FN77GA	1146	712	68
FA	212.0			Faisalabad				E072 59 42	MM61LI	11214	6968	24
FA	256.0	4000		Victoria Falls	<b>.</b>			E025 45 54	KH21VW	12591	7824	93
FA	266.0	1020	CIV	Fresno/Hilan	CA			W119 38 09	DM06ER	3471	2157	
FA	270.0	1020		Faleolo				W172 01 08	AH36XE	11267	7001	
FA EA	305.0		ci.	Tahiti				W149 36 50	BH52EK	9841 6801	6115	
FA FA	325.0 380.0		CIV	Figari/Sud Corse Fak Fak		F INS		E009 15 18 E132 14 54	JN41PO PI67CB	6891 14505	4282 9013	58 317
FA FA	429.0		civ	Sarh				E132 14 54 E018 22 39	JJ99ED	9933	6172	78
ΓA	429.0		CIV	Sam		ICD	1109 00 41	EU 10 ZZ 39	าวลละบ	9933	01/2	10

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
FA	440.0			DRE-440			N52 50 06	E015 50 42	JO72WU	6600	4101	45
FA	510.0		•	Fairbanks/Wearr	AK		N64 53 59	W147 42 26	BP64DV	4702	2922	
FAF	226.0	1020	mil	Fort Eustis/Felker (Army)	VA	USA	N37 08 20	W076 37 07	FM17QD	788	490	161
FAL	357.5	1020	joi	Ancona/Falconara		I	N43 37 42	E013 22 25	JN63QP	7034	4371	54
FAM	1623.0			Faz Amalia		В	S21 26 36	W047 22 12	GG68HN	7941	4934	149
FAR	332.0	1020	civ	Faro		POR	N37 00 31	W007 55 33	IM67AA	5925	3682	71
FAU	246.0	1020		Fairview	OK	USA	N36 17 07	W098 28 41	EM06SG	1823	1133	249
FAU	334.0	400	civ	Bornholm/Rønne/Fauna		DNK	N55 01 42	E014 54 06	JO75KA	6417	3987	43
FB	300.0	1020	mar	Tramandaí		В	S29 59 47	W050 08 42	GG40WA	8710	5412	
FB	390.0			Ficksburg		AFS	S28 49 39	E027 54 09	KG31WE	13504	8391	
FB	410.0		enr	Kolpashevo			N58 22 12		NO18LI	8553	5315	9
FB	512.0			Kaiyuan			N42 34 00	E124 01 00	PN22AN	10147	6305	
FB	732.0		civ	Soltchy			N58 08 00	E030 19 00	KO58DD	6982	4338	34
FBS	486.0	400		Forbes			S33 21 51	E147 55 40	QF36XP	15795	9815	
FBU	388.0	4000		Bouar	NIE		N05 57 15	E015 38 21	JJ75TW	9963	6190	82
FBY FC	293.0	1020		Fairbury	NE			W097 09 57	EN10KE	1520	945	
FC	326.0	400	oiv.	Fredericton	NB	CAN	N45 55 02	W066 35 59 E001 47 18	FN65QW	1039	646	73 50
FC FC	395.0 402.0	0	civ	Figeac/Livernon Nam/Ameland FC-1		F IW	N44 40 18 N53 17 03	E001 47 18 E004 12 35	JN04VQ JO23CG	6196 5899	3850 3665	58 48
FC	414.0		IVV	Fujiazhuang			N38 52 24	E121 38 12	PM08TU	10596	6584	
FC	955.0		enr	Dalverzin			N40 24 00	E069 17 00	MN40PJ	10159	6312	23
FCh	662.0		Cili	Severnyj			N45 10 00	E035 11 00	KN75OE	8223	5109	42
FCh	1210.0			Kirovsk-Apatity			N67 28 00	E033 35 00	KP67TL	6450	4008	25
FCH	344.0	1020	civ	Fresno/Chandler	CA		N36 43 26	W119 50 01	DM06BR	3487	2167	
FCY	332.0	1020		Forrest City	AR	USA	N34 56 28	W090 46 25	EM44OW	1390	863	
FD	207.0	400		Brantford	ON		N43 04 24	W080 24 58	EN93TB	120	75	
FD	278.0	1020	civ	Poplar Bluff/Earli	МО	USA	N36 40 06	W090 19 37	EM46UQ	1222	760	233
FD	285.0			Yuzhny/Tashkent		UZB	N41 15 52	E069 20 37	MN41QG	10072	6258	23
FDF	204.0		civ	Fayette	AL	USA	N33 42 52	W087 48 49	EM63CR	1342	834	215
FDR	222.0	1020		Frederick	OK	USA	N34 21 14	W098 59 11	EM04MI	1986	1234	244
FDV	529.0	1020	civ	Nome/Fort Davis	AK	USA	N64 29 41	W165 18 51	AP74IL	5531	3437	326
FDW	414.0	1020	civ	Winnsboro	SC	USA	N34 18 52	W081 06 46	EM94KH	1073	667	188
FE	239.0	400	civ	Forestville	QC	CAN	N48 43 48	W069 09 48	FN58KR	957	594	52
FE	354.0	1020		Roma/Fiumicino		I	N41 49 53	E012 21 04	JN61ET	7085	4402	56
FE	423.0	400		Odense/Beldringe			N55 31 18	E010 27 48	JO55FM	6145	3818	44
FE 	570.0	1020	enr	Oktyabrsky			N54 14 00	E038 54 00	KO94KF	7667	4764	34
FE 	942.0			Kukan			N49 13 00	E133 27 00	PN69RF	9204	5719	
FEP	335.0	1020		Freeport	IL	USA	N42 14 44	W089 35 09	EN52EF	844	525	
FER FES	427.0 269.0	1020 1020	pri	Ferrara Festus	MO	IICA	N44 48 52	E011 36 59 W090 23 15	JN54TT	6843 1114	4252	54 239
FET	311.0	1020	civ	Fremont	MO NE			W090 23 15 W096 31 05	EM48TE EN11RK	1422	884	
FEU	521.0	1020		Frankfort/Arnold	KY		N41 27 01 N38 12 53		EM78OF	775		205
FEZ	315.0	1020		Fès/Saiss	IXI			W004 45 11 W004 55 06	IM73MV	6342	3940	73
FF	258.0	1020	CIV	Flic-en- Flac			S20 16 54		LG89QR	15253	9478	70
FF	295.0			Five Finger	AK			W133 37 48	CO37EG	3989	2479	
FF	316.0	1020	civ	Peachtree/Brooks/Pecat	GA			W084 29 11	EM73SH	1254	780	
FF	337.0			Fergus Falls/Hamre	MN			W096 03 25	EN16XF	1330		287
FF	444.0			UNID		?						
FF	588.0			UNID		?						
FF	735.0		civ	Tambov/Donskoye		RUS	N53 48 00	E041 29 00	LO03RT	7816	4856	33
FFF	257.0	1020		Plymouth/Middleborough	MA			W070 48 10	FN41OU	743		105
FFL	332.0	1020		Fairfield	IA	USA	N41 00 40	W091 59 19	EN41AA	1078	670	257
FFT	300.0			UNID		?						
FFZ	281.0	1020	civ	Mesa/Falcon Fld	ΑZ	USA	N33 27 42	W111 44 00	DM43DL	3014	1873	258
FG	339.0	0	civ	Montpellier/Fréjorgues		F	N43 33 24	E004 00 54	JN23AN	6413	3985	59
FG	545.0		civ	Velikiy Ustyug		RUS						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
FG	559.0		-	UNID		?						
FGN	335.0			Fazenda Guanabara/Nova Olimpia		В	S14 46 38	W057 11 37	GH15JF	6880	4275	155
FGP	393.0	1020	mil	Fort Bragg (Army)	NC	USA	N35 08 20	W078 48 45	FM05OD	974	605	177
FGR	275.0	1020		Porto Alegre/Figueiras/Viamão		В	S29 59 53	W050 58 31	GG40MA	8681	5394	155
FGX	400.0			Flemingsburg	KY	USA	N38 32 17	W083 44 49	EM88DM	695	432	213
FH	304.0	400	civ	Whitecourt/McLeod	AB	CAN	N54 08 22	W115 46 59	DO24CD	2851	1772	306
FH	331.0	400		Frederikshåb/Paamuit		GRL	N61 59 45	W049 38 52	GP51EX	2794	1736	34
FH	350.0			Faranah		GUI	N10 03 04	W010 45 37	IK40OB	7537	4683	98
FHA	473.0	1020	civ	Friedrichshafen		D	N47 40 52	E009 32 16	JN47SQ	6533	4060	52
FHN	267.0		•					E056 29 16	LL82FI	11411	7090	41
FHR	284.0	1020		Friday Harbor	WA			W123 01 40	CN88LM	3355	2085	
FI	294.0	0		Punta de Cala Figuera/Mallorca		Е	N39 27 30	E002 31 24	JM19GK	6554	4072	63
FI	296.5		mar	Cabo Finisterre		E	N42 53 00	W009 16 12	IN52IV	5508	3422	65
FI	310.0			Fylde/Chegutu/Kadoma			S18 09 06	E029 56 30	KH41XU	12932	8036	90
FI 	417.0		CIV	Rostov-na-Donu/Rostov East			N47 15 30	E039 49 05	KN97VG	8289	5150	38
FI	448.5	000*		UNID		?	NEO 00 00	E044.07.00	1.00000	7045	4007	00
FI	490.0	300*		Golitsyno	NIN 4		N53 36 00	E044 07 00	LO23BO	7945	4937	32
FIA	329.0	1020	CIV	Socorro/Florida Filadelfia	NM		N34 06 01		DM64NC FG97XP	2598	1614	
FIL FIL	345.0	1000	oi.				S22 21 35	W060 02 08		7599	4722	
FIN	380.0 232.0	1020	CIV	Horta Finschhafen			N38 31 21 S06 36 54	W028 41 09 E147 51 29	HM58PM QI33WJ	4232 13841	2630 8600	80 298
FIO	212.0	1020		Fiora			N10 26 54	W084 28 00	EK70SK	3738	2323	
FIQ	391.0	1020		Morganton/Fiddlers	NC			W084 28 00 W081 40 17	EM95DR	928	577	
FIS	314.0	1020	enr	Fiska	NO			E022 59 30	KN11LC	7827	4863	51
FIS	332.0	1020		Key West/Fish Hook	FL		N24 32 54	W081 47 11	EL94CN	2157	1340	
FIT	235.0	.020	0.1	Itamarati/Ponta Porã		В	S22 11 08	W055 34 51	GG27FT	7712	4792	
FIT	365.0	1020	civ	Fitchburg	MA			W071 45 26	FN42CN	643	400	
FJ	226.0			Chaoyang			N41 35 00	E120 26 00	PN01FN	10331	6419	
FJ	329.0	400	civ	Ålesund/Vigra/Fjortoft			N62 41 38	E006 25 38	JP32FQ	5601	3480	37
FJ	338.0	1020		Fort Pierce/Luuce	FL	USA	N27 29 49	W080 28 29	EL97SL	1822	1132	183
FJO	341.0			Dzaoudzi Pamandzi		MYT	S12 48 07	E045 16 55	LH27PE	13752	8545	74
FK	250.0			Palangkaraya		INS	S02 13 31	E113 56 47	OI67XS	15204	9447	340
FK	273.0	1020	mil	Hopkinsville/Airbe/Campbell AAF	KY	USA	N36 44 13	W087 24 50	EM66HR	1043	648	223
FK	287.0		civ	Kurumoch/Samara		RUS	N53 31 36	E050 13 18	LO53CM	8197	5093	29
FK	305.0			Lahta		RUS	N64 23 00	E040 44 00	LP04IJ	6922	4301	25
FK	335.0	400		Deer Lake/Junction	NL	CAN	N49 15 47	W057 18 29	GN19IG	1792	1113	63
FK	369.0			Fukang			N44 10 00	E087 59 00	NN34XE	10171	6320	9
FK	375.0			Magadan/Sokol				E150 36 54	QO59HV	7629	4740	
FK	393.0	0		Fakarava			S16 03 09	W145 39 10	BH73EW	9435	5862	242
FK	765.0	4000		Magadan/Sokol		RUS	NEE CO OO	E005.00.00	1/075141	7000	4504	6.4
FK	985.0	1020	enr	Gagarin	IKI			E035 02 00	KO75MN	7388	4591	34
FKR	278.0	1020	<b>a</b> !	Frankfort Coincodille/Flourent Branch	IN			W086 33 46	EN60RG	712		238
FKV	365.0	1020		Gainesville/Flowery Branch	GA			W083 54 23	EM84BE EM12LX	1142		201
FL	219.0	1020		Dallas-Fort Worth/Jiffy	TX			W097 01 47		1947	1210	
FL FLB	335.0 380.0	1020 1020		Florence/Alcot Flensburg/Schäferhaus	SC	D D		W079 51 09 E009 30 00	FM04BE JO44SS	1080 6132	671 3810	182 45
FLD	248.0	1020		Fond du Lac	WI			W088 29 05	50443S EN53SS	726	451	
FLI	296.0		CIV	Flinders Island	V V I			E148 00 53	QE49AV	16119	10016	
FLO	270.0	1020	civ	Flores				W031 10 04	HM49JK	3994	2482	80
FLR	380.0	400		Trondheim/Værnes/Flornes				E011 20 26	JP53QL	5798	3603	35
FLR	394.0	700	11111	UNID		?	1100 21 02	_0112020	31 33 QL	3130	5505	55
FLU	275.0		civ	Flu		B	S22 38 56	W040 25 43	GG97SI	8375	5204	143
FLU	300.0			Faya-Largeau				E019 06 47	JK97NW	9312	5786	71
FLV	374.0	400		Bodø/Fleinvær				E013 46 13	JP67VD	5737	3565	30
FLZ	260.0		,	Fortaleza		В		W038 31 40	HI06RF	6676	4148	
FLZ	374.0	1020	mil	Florida/Ft. Rucker (Army)	AL			W086 29 00	EM61SB	1554		206
				` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	_					1		

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
FM	245.0	•••		Fua'amotu	<b>U</b> 11		S21 15 05	W175 08 44	AG28KR	12061	7495	258
FM	341.0		civ	Fort Myers/Caloo	FL	USA	N26 30 58	W081 57 01	EL96AM	1941	1206	188
FM	365.0			Linli		CHN	N29 21 00	E111 38 00	OL59TI	11816	7342	350
FM	386.0	400	iw	Shell Expro/Fulmar Alpha		IW	N56 29 35	E002 09 12	JO16BL	5631	3499	45
FM	399.0	400	pri	Trollhättan/Vänersborg		S	N58 21 42	E012 17 36	JO68DI	6093	3786	40
FMH	362.0	1020	mil	Falmouth/Otis AFB	MA	USA	N41 43 57	W070 26 27	FN41SR	775	482	105
FMZ	392.0	1020	civ	Fairmont/Beklof	NE	USA	N40 35 24	W097 34 05	EN10FO	1536	954	
FN	269.0	1020	civ	Flint/Petli	MI	USA	N42 58 05	W083 53 24	EN82BX	373		256
FN	326.0			Futuna			S14 18 43	W178 04 03	AH05XQ	11786	7323	
FN	339.0	0		Fangatau			S15 49 04	W140 53 00	BH94NE	9082	5643	
FN	368.0	400	civ	Skien/Geiteryggen/Finndal			N59 09 28	E009 33 33	JO49SD	5912	3674	40
FN	400.0	1020	civ		CO		N40 21 47		DN70MI	2137	1328	268
FN	420.0	4000		Dushanbe			N38 32 36	E068 45 18	MM48JN	10333	6420	24
FN	421.0	1020	CIV	Roma/Fiumicino	1.4		N41 54 38	E012 14 05	JN61CV	7072	4394	56
FN	517.0	1020		Clinton/Hillz Yarkovo	IA			W090 23 26	EN41TS	924	574	
FN FNA	1170.0 371.0	1020	em	Slidell/Florenville	LA		N57 24 00 N30 24 56	E067 05 00 W089 49 12	MO37NJ EM50CJ	8355 1753	5192 1089	18 215
FNA	409.0	1020	nea	DAR-409	LA			E016 23 54	JO84EJ	6535	4061	43
FNB	293.0		neg	UNID		?	1104 24 42	L010 23 34	JO04LJ	0333	4001	40
FNB	380.0			UNID		?						
FNB	404.0	1020	civ	Falls City/Brenner	NE		N40 04 35	W095 35 13	EN20EB	1400	870	258
FND	354.0			La Tontouta			S22 00 01	E166 11 15	RG37CX	13603	8453	270
FND	371.0		civ	Baltimore/Ellicot	MD	USA	N39 17 14	W076 46 37	FM19OG	559	347	156
FNE	409.0		neg	DAR-409		POL	N54 24 42	E016 23 54	JO84EJ	6535	4061	43
FNL	401.0	400	pri	Fenland		G	N52 44 30	W000 01 39	IO92XR	5667	3521	50
FNO	267.0	400	civ	Haugesund/Karmøy/Føyno		NOR	N59 22 21	E005 09 05	JO29NI	5673	3525	41
FNP	220.0	1020		Florianópolis		В	S27 41 43	W048 30 02	GG52RH	8533	5302	152
FNR	402.0	400	mil	Finner Camp/Bundoran		IRL	N54 30 00	W008 14 00	IO54VM	5090	3163	50
FNZ	239.0	1020	civ	0 0	IN		N38 14 55	W086 50 16	EM68NF	881	548	227
FNZ	398.0	400		UNID		?						
FO	203.0			Fukuoka		J	N33 40 30	E130 23 28	PM53EQ	10899	6772	
FO FO	250.0	400		Flin Flon	MB		N54 40 31	W101 40 09	DO94DQ	1998	1241	
FO FO	326.0	1020	civ	Topeka/Riply Fort Dodge/Barro	KS		N38 53 06	W095 34 53 W094 18 20	EM28FV	1456	905	
FO FO	341.0 360.0	1020	CIV	UNID	IA	?	1142 30 32	VV094 16 20	EN22UM	1215	755	268
FO	375.0			Vanavara		: RUS	N60 22 00	E102 18 00	OP10DI	8446	5248	359
FO	400.0	1020	civ		NY		N40 54 16	W072 33 23	FN30RV	658	409	118
FO	625.0	1020	0.1	Buyalyk			N46 54 00	E030 42 00	KN56IV	7842	4873	43
FOA	353.0	1020		Flora/Elm River	IL		N38 40 08	W088 27 11	EM58SQ	950	591	235
FOF	329.0	1020		Fort de France		MRT	N14 35 21	W061 00 05	FK94LO	3692	2294	146
FOG	340.0	1020	civ	Foggia/Gina Lisa		1	N41 25 51	E015 31 53	JN71SK	7323	4550	55
FOI	426.0		iw	Golar Nor/Petrojarl Foinaven		IW	N60 18 56	W004 16 38	IP70UH	5139	3193	42
FOR	236.0	1020	civ	Forsyth	MT	USA	N46 16 10	W106 31 03	DN66RG	2136	1327	287
FOR	318.0	400		Hammerfest/Forsøl		NOR	N70 43 13	E023 49 56	KQ10VR	5927	3683	24
FOR	423.0	1020		Forlì		I		E011 55 29	JN54XF	6900	4287	54
FOS	348.0	400	pri	Fairoaks		G	N51 20 51	W000 33 56	IO91RI	5697	3540	52
FOS	427.0			UNID		?						
FOX	356.0			Fox	AK		N64 58 08	W147 34 48	BP64FX	4695	2918	
FOY	395.0			Foynes for Shannon	N / N I	IRL		W009 11 44	IO52JN	5096	3166	53
FOZ	345.0	1020	CIV	Bigfork	MN			W093 39 14	EN37ES GG24RL	1182	735	
FOZ FP	410.0 367.0	1020	j. 4.	Foz do Iguaçú		B		W054 34 14 E002 03 52	JO19AV	8096 5490	5031 3411	
FP FP	405.0			Total/Elf Frigg TP1 Cherepovets		IW		E002 03 52 E038 01 42	KO99AG	7225	4489	41 30
FP	420.0			Tenerife Norte/Los Rodeos				W016 22 10	IL18TL	5779	3591	85
FP	456.0		CIV	UNID		?	1420 23 01	***************************************	ILIUIL	3113	0001	55
FPB	240.0			Forte Principe da Beira		B	S12 25 52	W064 25 32	FH77SN	6421	3990	163
=						_	<b></b>					

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
FPN	372.0	1020		Fredericks Point	AK		N56 47 32		CO36OT	3942	2449	311
FPR	275.0	1020	civ	Fort Pierce	FL	USA	N27 29 12	W080 22 24	EL97TL	1823	1133	183
FPS	403.0			UNID		?						
FPS	424.0		iw	Shell Expro/Teal FPSO		IW	N57 15 24	E000 48 29	JO07JG	5523	3432	45
FPY	254.0	1020	civ	Perry/Foley	FL	USA	N29 59 46	W083 35 11	EL89EX	1585	985	195
FQ	305.0			UNID		?						
FQ	375.0			UNID		?						
FQ	400.0			Fukui		J	N36 10 31	E136 13 13	PM86CE	10435	6484	332
FQ	420.0	1020		Fairmont	MN		N43 38 36	W094 24 54	EN23TP	1203	748	274
FQW	371.0	1020		Murfreesboro/Walter Hill	TN		N35 57 40		EM65TX	1060	659	216
FR	263.0			Monrovia Roberts			N06 12 58	W010 23 00	IJ46TF	7861	4884	100
FR	274.0	400		Fort Resolution	NT			W113 38 19	DP31ED	2953	1835	323
FR	297.0	1020		Frankfurt		D		E008 41 01	JO40IB	6341	3940	50
FR	297.0		mar	Finike				E030 09 06	KM56BG	8646	5372	51
FR FR	312.0 334.0			Wufengxi				E104 28 36 E081 22 40	OM20FO NL06QG	11745 11996	7298 7454	357 18
FR	356.0	1020	civ	Fursatganj Medford	OR	IND USA			CN82NJ	3496	2172	283
FR	375.0	400		Pori	OK	FIN		E021 55 37	KP01XK	6386	3968	34
FR	407.0	1020	•	Farmingdale/Frikk/Plainview	NY		N40 46 36	W073 28 57	FN30GS	602	374	123
FR	408.0	1020		Bir Moghrein				W010 20 07 W011 35 02	IL45EF	6377	3963	85
FR	467.0		jo.	UNID		?	0 00				0000	
FR	490.0			UNID		?						
FR	579.0	1020	mil	Minsk Mazowiecki/"Faktor"		POL	N52 12 00	E021 40 36	KO02UE	6964	4327	43
FR	590.0		civ	Kaluga/Trabtsevo		RUS	N54 35 24	E036 19 24	KO84DO	7522	4674	34
FRA	276.0			Franceville Mvengue		GAB	S01 38 13	E013 25 25	JI68RI	10368	6442	89
FRA	436.0	0	civ	Sarajevo/Butmir		BIH	N43 49 28	E018 20 03	JN93ET	7339	4560	52
FRA	1730.0	1020		Juiz de Fora		В	S21 46 04	W043 23 01	GG88HF	8149	5064	145
FRC	405.0	1020		Franca		В	S20 35 01	W047 22 57	GG69HJ	7853	4880	148
FRE	355.0		neg	DRW-355		D		E014 33 45	JO71GV	6584	4091	46
FRM	210.0	1020		Formosa		В	S15 33 05	W047 20 46	GH64HK	7348	4566	146
FRN	357.0			TotalFinaElf Exploration/Franklin		IW		E001 52 07	JO06WX	5595	3477	45
FRS	371.0	1020		Frosinone	00	1	N41 38 38	E013 17 23	JN61PP	7160	4449	56
FRT FRT	248.0 268.0	1020	CIV	Spartanburg/Fairmont	SC		N34 54 09	W081 59 05 E128 05 58	EM94AV PF49BD	1022	635 10689	193 292
FRT	371.0			Forrest UNID		703	330 31 10	E 120 00 00	FF49DD	17201	10009	292
FRV	295.0			Franceville Mvengue			S01 36 12	E013 23 57	JI68QJ	10363	6439	89
FS	223.0	1020	civ	Fort Smith/Wizer	AR		N35 21 15		EM25VI	1579	981	238
FS	245.0	1020		Sioux Falls/Rokky	SD			W096 49 44	EN13OL	1399	869	274
FS	374.0	1020		Dresden		D		E013 51 00	JO61WE	6586	4092	47
FS	375.0	400		Fort Simpson	NT	CAN		W121 15 38	CP91IS	3358	2086	321
FS	396.0	400		Harstad/Narvik/Evenes/Fjellstad		NOR	N68 35 55	E016 40 21	JP88IO	5784	3594	28
FS	412.0	1020	civ	Sliac		SVK	N48 33 48	E019 07 54	JN98NN	7064	4389	47
FS	780.0		enr	Ust-Tsilma		RUS	N65 24 01	E052 12 00	LP65CJ	7190	4468	20
FSA	216.0			Fasa		IRN	N28 53 46	E053 43 22	LL68UV	10646	6615	40
FSB	284.0	1020		Fassberg		D		E010 11 17	JO52CV	6271	3897	47
FSE	224.0	1020	civ	Fosston	MN			W095 46 11	EN27CO	1331	827	294
FSh	749.3			Kramatorsk				E037 37 00	KN88TQ	8060	5008	38
FSK	326.0	400	•	Bodø/Fauske			N67 15 51		JP77NG	5787	3596	29
FSK	379.0	1020		Fort Scott	KS			W094 45 55	EM27OT	1455		248
FSR	394.0	1000	CIV	El Fashir	00			E025 19 35 W104 26 03	KK23PO DM79ST	10119	6287	70 266
FT FT	321.0 344.0	1020	ois r	Denver/Skipi Atlanta/Flanc	CO			W104 26 03 W084 38 20	EM73QS	2115 1211	1314	266 204
FT	344.0	400		Førde/Bringeland/Fleten	GA			E005 33 10	JP21SI	5612	752 3487	204 38
FT	365.0			Fort Worth/Mufin	TX			W097 22 25	EM12HV	1978	1229	238
FT	368.0	1020	OIV	UNID	17	?	.102 00 00	11001 22 20	LIVI 121 I V	1370	1223	200
FT	375.0			Francistown			S21 09 48	E027 29 17	KG38RU	12950	8047	94
	0.0					_ • .						٥.

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
FT	618.0	500		Pruszcz Gdanski			N54 14 26	E018 44 45	JO94IF	6673	4146	42
FTO	242.0	1020	civ	Fort Yukon/Yukon River	AK	USA	N66 34 48	W145 12 46	BP76JN	4580	2846	327
FTP	426.0	1020	civ	Fort Payne	AL	USA	N34 31 16	W085 40 24	EM74DM	1170	727	209
FTR	220.0	1020		Fronteira		В	S20 16 28	W049 11 23	GG59JR	7747	4814	150
FTT	317.0	1020		Fulton/Guthrie	MO	USA	N38 50 34	W092 00 17	EM38XU	1189	739	246
FTZ	407.0	1020		Fitzroy Crossing		AUS	S18 11 05	E125 33 25	PH21ST	16325	10144	313
FTZ	468.0	1020	mil	Fritzlar		D	N51 06 41	E009 16 54	JO41PC	6318	3926	49
FU	263.0			Fukue		J		E128 49 53	PM42JQ	11054	6869	336
FU	340.0			Funafuti		TUV		E179 12 01	RI91OL	11572	7190	272
FU	350.5	1020		•		D		E009 52 34	JO43WN	6217	3863	46
FU	570.0		civ			UKR		E030 28 48	KN59FU	7605	4726	41
FUEA	384.0	0	_	SLG-384		IRL	N54 16 30		IO54QG	5075	3153	51
FUJ	400.0		civ	Fujairah				E056 21 02	LL85EC	11141	6923	40
FUR	390.0	1020		Furnas/São José da Barra		В	S20 42 14		GG69TH	7910	4915	147
FV	312.5			Ostrov Belyy				E070 04 30	MQ53AH	6794	4222	10
FV	335.0	4000		Venev	INI			E038 14 00	KO94CI	7627	4739	34
FV	349.0	1020		•	IN		N39 47 11	W086 11 46	EM69VS	722	449	233
FV	397.0			Fuerteventura			N28 22 57		IL38BJ	5986	3720	84
FV FVE	526.0	1000	eni	Nizhneudinsk	NAC			E099 07 30	NO94NU FN57UG	9060	5630 590	1
FVE FVX	257.0 367.0	1020 1020		Frenchville Farmville	ME VA		N47 16 05 N37 21 11	W068 15 24 W078 26 17	FM07SI	950 732	455	63 173
FW	251.0	1020	civ	Fort Wayne/Hoagy	IN			W076 20 17 W085 07 11	EN70KW	571	355	237
FW	326.0	1020		Amderma	IIN		N69 46 24		MP09RS	7003	4351	14
FW	345.0	1020		Roma/Fiumicino		1.00	N41 52 51		JN61CV	7072	4394	56
FW	382.0	1020		Frankfurt/Raunheim		D		E008 25 46	JO40FA	6329	3933	50
FW	440.0	1020		DRE-440		POL		E015 50 42	JO72WU	6600	4101	45
FWC	257.0	1020		Fairfield/Wayne County	IL		N38 22 48		EM58TJ	969	602	234
FX	221.0		civ	Fort Lauderdale/Praiz	FL		N26 11 08	W080 17 55	EL96UE	1966	1222	183
FX	372.0			Lešt		SVK						
FX	735.0			Pechora-Berezovka		RUS	N65 03 00	E056 41 00	LP85IB	7342	4562	19
FXC	327.0			Rochambeau/Cayenne		GUF	N04 49 29	W052 21 46	GJ34TT	5078	3155	141
FXE	352.0			Europa		EUR	S22 20 03	E040 21 03	LG07EP	14064	8739	87
FXF	314.0	400		Fort de France		MRT	N14 36 05	W061 05 30	FK94KO	3686	2291	146
FXJ	337.0			Juan De Nova		JDN	S17 03 00	E042 45 00	LH12JW	13876	8622	80
FXM	387.0			Moroni Iconi		COM	S11 41 19	E043 14 47	LH18OH	13508	8393	75
FXR	382.0			St Denis Gillot		REU	S20 53 34	E055 31 34	LG79SC	15159	9419	73
FXT	366.0			Tromelin		REU	S15 53 44	E054 30 39	LH74GC	14697	9132	69
FXY	359.0	1020	civ	Forest City	IA			W093 37 16	EN33EF	1145	712	271
FXZ	335.0			Grande Glorieuse			S13 33 05	E047 17 01	LH36PK	13964	8677	73
FY	226.0			Ferry				E175 08 56	RE78NO	14110		245
FY	290.0		enr	Fridun One				E049 43 00	LL48UL	10471	6506	43
FY	290.0			Fylde/Chegutu/Kadoma				E029 52 30	KH41WV	12925	8031	90
FYa	342.0			Alakurtti				E030 22 00	KP56EX	6374	3960	26
FYa	370.0	4000		Komsomolsk-Na-Amure/Khurba	T.			E137 04 54	PO80MQ	8949	5560	338
FYE	255.0	1020	CIV	Somerville	TN		N35 12 21		EM55HE	1287	799	225
FYu	289.0	400	oiv	Bagerovo	NV			E036 15 00 W076 18 17	KN85DK	8259	5132	41
FZ FZ	220.0	400		Fulton/Oswego County Airport	NY				FN13UG	263	164	104
FZ FZ	227.0 247.0	1020	CIV	St. Louis/Eaves Tunli	МО			W090 32 52 E121 10 42	EM48RQ PM07OK	1094 10759	680 6685	242 344
FZ FZ	315.0		civ	Yaroslavl/Tunoshna				E040 10 00	LO07CN	7449	4628	31
rz FZI	379.0	1020		Fostoria	ОН			W083 23 47	EN81HE	7449 442	274	228
FZK	243.0			Wausau	WI			W089 37 31	EN54EW	817		282
G	153.0	1020		Belaya	V V I			E103 35 00	0012TV	9276		
G	188.0		OIV	Baku/Nasosnaya				E049 33 00	LN40SN	9353	5811	36
G	255.0			Rio Gallegos			S51 36 25		FD58IJ	10627		174
G	258.0		civ	Novy				E135 12 00	PN78ON	9221	5730	
_	_55.5		514	•••••		00	32 30			·	5.55	550

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
G	277.0			Goya			S29 05 18	W059 12 00	GG00JV	8341	5183	162
G	307.0			General Pico		ARG	S35 42 54	W063 45 01	FF84CG	8958	5566	167
G	308.0		civ	Minsk 2		BLR	N53 51 30	E028 02 00	KO43AU	7181	4462	39
G	313.0		civ	Uzhgorod		UKR	N48 38 21	E022 14 14	KN18CP	7239	4498	46
G	315.0		civ	Astrakhan/Narimanovo		RUS	N46 17 18	E048 00 30	LN46AG	8760	5443	34
G	319.0	400	mil	Halli		FIN	N61 51 00	E024 48 00	KP21JU	6486	4030	33
G	322.0		civ	Balandino		RUS	N55 18 00	E061 33 00	MO05SH	8415	5229	22
G	330.0	1020	civ			Е	N41 55 36	E002 46 18	JN11JW	6423	3991	61
G	333.0	400		Kemi-Tornio		FIN		E024 34 48	KP25GS	6236	3875	29
G	335.0		civ	Gorna Oryahovitsa		BUL		E025 41 07	KN23UD	7840	4871	48
G	345.0	1020		Szeged			N46 15 38	E020 05 26	KN06BG	7278	4523	49
G	354.0	400	CIV	Ivalo		FIN	N68 37 24		KP38RO	6168	3832	25
G	360.0			Ciego de Avila				W078 48 49	FL02OA	2427	1508	
G	365.0			Tripoli/Golf			N32 39 54	E013 10 48	JM62OP	7772	4830	64
G	368.0	1020	civ	Kursk Windsor/Golf	ON		N51 45 04		KO81DS	7747	4814	37
G G	398.0 400.0	1020 400	civ civ	Charlottetown/Covehead/Golf	ON PEI		N46 20 59	W083 02 51 W063 06 44	EN82LF FN86KI	345 1312	215 815	239 72
G	401.0	400	CIV	Dzhankoi	1 1		N45 41 00	E034 27 00	KN75FQ	8142	5059	42
G	420.0			UNID		?	1145 41 00	L034 27 00	KINTSITQ	0142	3039	42
G	432.0	400	mil	Ämari		EST	N59 15 35	E024 12 17	KO29CG	6626	4117	35
G	442.0	400		UNID		?	1400 10 00	L024 12 17	1102000	0020	7117	00
G	511.0		civ	Gomel		-	N52 32 00	E030 59 00	KO52LM	7427	4615	38
G	595.0		civ	Moscow/Vnukovo			N55 35 00	E037 14 00	KO85ON	7484	4650	33
G	610.0			Zavitinsk			N50 10 00	E129 31 30	PO40SE	9212	5724	
G	617.0			Luhansk		UKR	N48 24 51	E039 24 30	KN98QJ	8171	5078	37
G	657.0		civ	Minsk 1		BLR	N53 51 54	E027 32 30	KO33SU	7156	4447	39
G	668.0		civ	Gyumri/Shirak		ARM	N40 44 36	E043 51 18	LN10WR	9054	5626	40
G	668.0		civ	Surgut		RUS	N61 20 30	E073 21 30	MP61QI	8084	5023	13
G	672.0		civ	Volgograd/Gumrak		RUS	N48 47 00	E044 19 00	LN28DS	8371	5202	35
G	697.0		civ	Lozovatka/Kryvyi Rih		UKR	N48 03 48	E033 12 46	KN68OB	7886	4900	41
G	755.0			Bratsk		RUS	N56 22 00	E101 39 00	OO06TI	8892	5525	359
G	920.0		civ	Grodno/Obukhovo			N53 37 18	E024 03 18	KO23AO	6995	4346	41
G	968.0			UNID		?						
G	1025.0			Saransk		RUS	NE 4 E 4 00	<b>5000 00 00</b>	140041114	7040	4704	00
G	1210.0	400	civ	Tretyakovo/Luhovitsi	VT		N54 54 00	E039 03 00	KO94MV	7619	4734	33
G6 GA	391.0 297.0	400	civ	Mount Martin/La Biche River Gap/Tallard	ΥT	CAN F	N60 07 43 N44 22 54	W124 03 05 E005 57 06	CP70XD JN24XJ	3460 6495	2150 4036	317 57
GA GA	300.0	U		•		E		W004 24 48	IM76TR	6208	3858	70
GA GA	330.0		IIIai	Málaga/Batería de San Nicolás Mataram		INS	S08 33 49	E116 05 57	OI81BK	15811	9825	
GA	345.0			Muyinga			S02 50 38	E030 20 46	KI57ED	11810	7338	78
GA	371.0			Garissa			S00 29 09	E039 41 00	KI99UM	12340	7668	69
GA	377.0	1020	civ	Husavik/Gardur		ISL		W017 27 48	IP15GV	4409	2740	35
GA	380.0	1040		UNID		?						
GA	470.0			Mirgorod		UKR	N49 56 00	E033 39 00	KN69TW	7761	4823	39
GA	478.0	1020	mil	Powidz/Rozniaty		POL	N52 43 00	E018 18 00	JO92DR	6745	4191	44
GA	680.0		civ	Naryan-Mar		RUS	N67 38 24	E053 07 30	LP67NP	7014	4358	18
GA	1725.0			Goroka		PNG	S06 04 40	E145 23 23	QI23QW	13968	8679	301
GAB	245.0	1020		Gabi/Joinville		В		W048 43 28	GG53PP	8389	5212	152
GAB	267.0			Gabes for Zarzis		TUN		E010 06 00	JM53BV	7464	4638	64
GAC	370.0	1020		Gacko		BIH		E018 33 30	JN93GD	7400	4598	52
GAD	287.0		civ	Ghadames		LBY	N30 10 06	E009 44 54	JM40UE	7698	4783	68
GAD	347.0	1020		UNID		?						
GAE	380.0	1040		UNID		?					_	4=-
GAI	385.0	1020	civ	Gaithersburg	MD			W077 09 57	FM19KE	559		
GAK	233.0	1020		Sioux City/Gateway	IA			W096 23 09	EN12TJ	1384	860	
GAL	273.0	1020		Giallo/Warehouse 59E		LBY	N28 41 38	E021 26 22	KL08RQ	8656	5378	62

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GAL	330.0	112	•	Rio Gallegos	O/I		S51 37 03	W069 17 09	FD58IJ	10628	6604	
GAL	897.0		iw	UNID		IW	00.0.00		. 200.0	.0020		
GAM	369.0		civ	Gambell	AK	USA	N63 46 55	W171 44 12	AP43DS	5850	3635	326
GAN	347.0	1020		UNID		?						
GAR	407.0	400	civ	Dublin/Garristown		IRL	N53 31 43	W006 26 51	IO63SM	5235	3253	51
GAS	420.0	1020	civ	Gallipolis	ОН	USA	N38 50 00	W082 09 42	EM88WT	606	377	203
GAV	219.0	1020	civ	Gustavus	AK	USA	N58 25 19	W135 42 17	CO28DK	4107	2552	313
GAY	284.0	1020		Gayndah		AUS	S25 35 42	E151 40 23	QG54UJ	15012	9328	277
GAZ	382.0	1020		Gazoldo		I	N45 12 06	E010 36 15	JN55HE	6753	4196	54
GAZ	432.0		civ	Gaziantep/Oguzeli			N36 57 01	E037 28 24	KM86RW	9032	5612	46
GB	204.0	1020	civ	Buffalo/Plazz	NY			W078 48 59	FN02OU	125	78	155
GB	253.0	1020		Marshall	MN		N44 30 07	W095 54 41	EN24BM	1315	817	
GB	274.0			Great Barrier			S36 14 39	E175 27 41	RF73RS	13792	8570	
GB	303.5		mar	Glubokiy				E172 14 00	RP61CA	6716	4173	
GB	400.0			Gulbarga		IND		E076 51 01	MK87KI	12811	7960	25
GB	419.0	1020		Great Bend/Babsy	KS		N38 15 06	W098 51 21	EM08NG	1741	1082	
GB	460.0	1020	enr	Volchanka		RUS ?	N52 34 00	E049 59 00	LO42XN	8275	5142	29
GB GBA	725.0 245.0	400		UNID Gibraltar			S29 35 48	E152 10 41	QG60CJ	15231	9464	272
GBE	245.0	400		Gobe			S06 53 25	E132 10 41 E143 40 45	QI13UC	14156	8796	302
GBE	311.0			Gaborone			S24 31 05	E025 59 38	KG25XL	13064	8118	98
GBG	426.0	1020	enr	Gleichenberg for Graz			N46 53 13	E015 48 01	JN76VV	6975	4334	50
GBH	417.0			Galbraith Lake (Can AF)	AK			W149 29 55	BP58GL	4758	2956	329
GBI	315.0	.020		Ankara/Esenboga/Golbasi	,			E032 49 12	KM69JR	8532	5302	47
GBL	323.0			Gabarone		ВОТ	S24 32 36	E025 56 05	KG25XK	13061	8116	98
GBL	429.0	1020	mil	Giebelstadt		D	N49 38 53	E009 58 51	JN49XP	6445	4005	50
GBR	395.0	1020	civ	Great Barrington	MA	USA	N42 10 59	W073 24 15	FN32HE	529	329	109
GC	347.0	1020	civ	Garden City/Pieve	KS	USA	N37 49 44	W100 43 28	DM97PT	1909	1186	257
GC	372.5			Grand Central		AFS	S25 59 31	E028 08 25	KG44BA	13335	8286	98
GC	380.0	1020		Gillette/Deryk	WY	USA	N44 16 15	W105 31 20	DN74FG	2079	1292	280
GC	428.0	1020	civ	Graciosa		AZR	N39 05 38	W028 01 51	HM59XC	4258	2646	79
GC	670.0			Vologda-Kipelovo			N59 11 00	E039 08 00	KO99NE	7276	4521	30
GCh	505.0			Saransk			N54 08 00	E045 13 00	LO24OD	7944	4936	31
GCR	404.0	1020	civ	Cordova/Glacier River	AK		N60 29 56	W145 28 28	BP70GL	4640	2883	
GCT	518.0	1020		Guthrie Center	IA		N41 40 55	W094 26 00	EN21SQ	1248	775	
GD CD	261.0	400		Goderich	ON		N43 44 47 N25 13 40	W081 43 50	EN93DR	184	114	266
GD GD	303.0 312.5		mar	Gwadar Gorodetskiy				E062 19 50 E040 58 36	ML15DF LP07LQ	11420 6670	7096 4145	35 22
GD	395.0	1020	IIIai	Guadalajara				W103 10 34	DL80JL	3403	2115	
GD	426.0	1020		Gelendjik		RUS	11/20/27/34	W 103 10 34	DLOUJL	3403	2113	220
GD	965.0		enr	Gadilovichi			N53 05 00	E030 16 00	KO53DB	7350	4567	38
GD	975.0	1020		Maloye-Skuratovo				E037 03 00	KO83MN	7637	4745	35
GD	985.0			UNID		?						
GDA	322.0	1020	civ	Gdansk/Rebiechowo		POL	N54 20 43	E018 35 46	JO94HI	6658	4137	42
GDA	354.0		civ	Al Gaidah		YEM	N16 11 00	E052 09 00	LK66BE	11742	7296	48
GDA	394.0		mil	Alexandria		GRC	N40 38 41	E022 29 21	KN10FP	7828	4864	52
GDE	368.0	1020		Goodhue	TX	USA	N30 04 11	W094 12 09	EM20VB	2013	1251	225
GDH	407.0	400		Gunnedah				E150 14 54	QF59CB	15469	9612	
GDI	398.0			Goondiwindi			S28 31 21	E150 19 35	QG51DL	15312	9514	
GDP	400.0			Guadalupe		В	S06 46 49	W043 35 07	GI83EF	6670	4145	
GDS	347.0			Ghadames			N30 07 48	E009 30 06	JM40SD	7682	4774	68
GDV	410.0	1020		Glendive	MT		N47 08 00	W104 48 17	DN77OD	2004	1245	
GDW	209.0	1020	CIV	Gladwin/Wiggins	MI			W084 28 30	EN73SX	403	250	
GDX	227.0	1020	oi.	Upperville Mariahama/Cadhy	VA			W077 49 52	FM18CW	565	351	
GDY GE	392.0 270.0	400	CIV	Mariehamn/Godby		FIN		E019 57 16 E019 36 12	JP90XE JF95TW	6370 13202	3958 8204	36
GE	210.0			Greyton		AL2	JJ4 UJ 20	EU 18 30 12	JI 30 I VV	13202	0204	111

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GE	300.5			Genicheskiy/Henichesk			N46 10 54	E034 49 12	KN76JE	8121	5046	41
GE	338.0	400	civ	London/Gatwick		G	N51 09 52	W000 04 09	IO91XD	5737	3565	52
GE	388.0	1020	civ	Spokane/Phort	WA	USA	N47 40 37	W117 27 01	DN17GQ	2954	1835	292
GE	395.0	400	civ	Billund		DNK	N55 44 12	E009 01 12	JO45MR	6054	3762	44
GE	421.0	1020	mil	Madrid/Getafe		Ε	N40 11 59	W003 50 39	IN80BE	6048	3758	66
GE	505.0		civ	Saransk		RUS						
GE	528.0		civ	Novy		RUS	N48 34 00	E135 14 12	PN78ON	9217	5727	338
GE	708.0			UNID		?						
GE	742.0	1020	civ	Kursk		RUS	N51 46 36	E036 14 00	KO81CS	7742	4811	37
GE	910.0	400*	enr	Hel'miaziv		UKR	N49 49 36	E031 51 12	KN59WT	7678	4771	40
GEL	359.0			Geraldton		AUS	S28 47 54	E114 42 06	OG71IE	17915	11132	319
GEM	270.0			Gemena		ZAI	N03 13 49	E019 45 59	JJ93VF	10501	6525	81
GEN	318.0	1020	civ	Genoa/Sestri		I	N44 25 26	E009 05 00	JN44NK	6702	4164	55
GEO	219.0		civ	Georgetown	OH	USA	N38 52 55	W083 53 07	EM88BV	669	415	215
GEO	350.0		civ	Gran Canaria/Las Palmas		CNR	N27 54 30	W015 23 42	IL27HV	5895	3663	85
GES	242.0			Villa Gesell		ARG	S37 14 05	W057 01 26	GF12LS	9266	5757	162
GEU	215.0	1020	civ	Glendale	ΑZ	USA	N33 31 36	W112 17 27	DM33UM	3054	1898	259
GEY	275.0	1020	civ	Greybull	WY	USA	N44 30 41	W108 04 58	DN54XM	2277	1415	282
GEY	413.0		civ	Antalya		TUR	N36 52 34	E030 27 19	KM56FV	8617	5355	50
GF	209.0	1020	civ	Glen's Falls/Queensbury/Ganse	NY	USA	N43 15 18	W073 36 21	FN33EG	478	297	97
GF	215.0			Grootfontein		NMB	S19 36 03	E018 07 38	JH90BJ	12092	7514	99
GF	232.0	1020		Austin/Birdy	TX	USA	N30 17 15	W097 40 55	EM10DG	2206	1370	233
GF	319.0		civ	Reykjavik/Grof		ISL	N64 08 58	W021 56 30	HP94AD	4187	2602	37
GF	337.0			Zonalnoye		RUS	N50 40 00	E142 45 00	QO10JQ	8763	5445	334
GF	341.0	1020	mil	Greenwood/Waterville/Aylesford (RCAF)	NS	CAN	N45 01 26	W064 48 37	FN75OA	1171	728	79
GF	345.0	1020		Grand Forks/Hiser	ND	USA	N47 50 47	W097 10 53	EN17JU	1441	895	294
GF	460.0			Fenghuo		CHN	N34 33 12	E108 37 48	OM44HN	11279	7008	
GF	521.0	1020	civ	Cleveland/Hogaf	ОН	USA	N41 34 27	W081 28 16	EN91GN	306	190	213
GFC	333.0	400	iw	Statoil Gullfaks C		IW	N61 12 54	E002 16 25	JP11DF	5452	3387	39
GFN	389.0			Grafton		AUS	S29 45 35	E153 01 39	QG60MF	15173	9428	
GFZ	338.0	1020	civ	Greenfield	IA			W094 26 40	EN21SH	1261	783	
GG	211.0			Bucha				E126 20 42	PM39EO	10403	6464	
GG	260.0			George		AFS	S34 00 07	E022 29 08	KF15FX	13416	8337	
GG	290.0		CÍV	Moscow/Vnukovo			N55 34 30	E037 11 18	KO85ON	7483	4650	33
GG	304.0			UNID		?	004 00 05	E000 00 40	14100110	40400	7570	70
GG	315.0	400		Ngong		KEN	S01 23 25	E036 38 16	KI88HO	12182	7570	72
GG	342.0	400		Eelde/Groningen			N53 07 54	E006 36 12	JO33HD	6049	3759	48
GG	374.0	4000	civ	Bratsk	TV		N56 23 30	E101 36 48	OO06TJ	8889	5524	359
GG	410.0	1020	CIV	Longview/Veels	TX			W094 47 51	EM22OK	1843	1145	
GGA	370.0	4000	<b>_:</b>	Gagnoa	00	CTI		W005 58 29	IJ76AM	8189	5088	97
GGE GGF	242.0 359.0	1020 1020	CIV	Georgetown Grant	SC NE		N33 18 56 N40 52 15	W079 19 28 W101 43 50	FM03IH DN90DU	1175 1859	730 1155	
GGI	248.0	1020	oiv	Grinnell				W092 43 47	EN31PR	1111	691	
GGK	401.0	1020		Mayfield	IA KY			W088 35 33	EM56QQ	1114		202
GGL	375.0	1020	CIV	Titusville/Geiger Lake	FL		N28 35 35	W080 48 59	EL98OO	1702	1058	
GGN	310.0		civ	Gorgan	ΓL	IRN	N36 54 01	E054 24 27	LM76EV	9923	6166	35
GGP	263.0	1020		Logansport	IN			W086 22 25	EN60TR	671		241
GGT	275.0	1020	0.1	Guaratinguetá	•	В	S22 47 17	W045 12 55	GG77JF	8169	5076	
GGU	314.0	1020		Prague	OK		N35 31 00	W096 43 07	EM15PM	1743	1083	
GGY	338.0	. 520		Clanton/Gragg-Wade	AL		N32 51 11	W086 36 40	EM62QU	1375	854	
GH	266.0	400	civ	Fort Good Hope	NT		N66 15 45	W128 37 17	CP56QG	3843	2388	
GH	278.0	700	J. V	Gorakhpur		IND	N26 44 01	E083 26 44	NL16RR	11993	7452	16
GH	314.0	400	civ	Godthåb/Nuuk				W051 44 59	GP44DE	2849	1771	28
GH	320.0	.00		Ashkhabat/Gorny				E058 20 06	LM98EA	9992	6209	32
GH	635.0	400*		Minsk 2			N53 50 36	E028 05 30	KO43BU	7185	4465	39
GH	875.0	.00		Sumy			N54 49 00		NO04FT	8902	5531	12
	5. 5.5		J.11	··· <b>,</b>				_000 _000		3002	5501	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GHA	340.0			Ghardaia/Noumerate			N32 20 12	E003 53 02	JM12WI	7111	4418	69
GHJ	260.0	1020		Gastonia/Stonia	NC	USA	N35 11 29	W081 09 26	EM95KE	977	607	189
GHT	386.0		civ	Ghat		LBY	N25 11 19	E010 08 16	JL55BE	8084	5023	72
GHT	435.0	1020		UNID		?						
GHW	346.0	1020	civ	Glenwood	MN	USA	N45 38 40	W095 19 07	EN25IP	1268	788	284
GHX	371.0	1020	civ	Graham	TX	USA	N33 09 57	W098 29 48	EM03SD	2035	1265	241
GHZ	411.0		civ	Ghazvin/National		IRN	N36 14 34	E050 02 41	LM56AF	9775	6074	39
GI	244.0			Nias		INS	N01 09 51	E097 42 21	NJ81UD	15005	9324	4
GI	300.0	_		Green Island/Lyudao				E121 28 59	PL02RQ	12331	7662	
GI	339.0	0	civ	Amiens/Glisy		F	N49 50 30	E002 29 00	JN19FU	5964	3706	53
GI	360.0			Gitega		BDI	S03 25 11	E029 54 53	KI46WN	11821	7345	79
GI	430.0			Giyani		AFS ?	S23 19 34	E030 40 50	KG56IQ	13356	8299	94
GI GIB	710.0 392.0			UNID Gibb River		AUS	S16 25 46	E126 25 53	PH33FN	16112	10011	314
GIF	332.0		civ	Guiscriff/Scaer		F		W003 39 36	IN88EB	5650	3510	57
GIG	341.0	1020		Scottsbluff/Gering	NE	USA		W103 40 59	DN81DW	1983	1232	
GIG	372.0	1020	CIV	Gingin	INL	AUS	S31 27 35	E115 51 56	OF78WM	18088	11239	
GIN	314.0	1020	pri	Giessen		D	N50 38 08	E008 49 10	JO40JP	6317	3925	49
GIO	328.0	1020	•	Gioia del Colle		Ī	N40 46 46	E016 56 06	JN80LS	7460	4636	55
GIW	239.0	1020		Greenwood/Coronaca	SC	USA		W082 05 10	EM84WG	1094	680	193
GJ	245.0			Laoliangcang			N28 05 00	E112 13 00	OL68CB	11946	7423	
GJ	340.0			Gjogur		ISL		W021 19 48	HP95IX	4235	2631	34
GJ	358.0			Inta		RUS						
GJ	390.0			Gwalior		IND	N26 17 01	E078 13 55	ML96CG	11909	7400	21
GJ	510.0			UNID		?						
GJM	400.0			Guajará-Mirim		В	S10 47 03	W065 16 52	FH79IF	6223	3867	163
GK	279.0			La Celle		TUN	N36 55 00	E008 25 00	JM46FW	7138	4435	63
GK	286.0			Gbenko		GUI	N09 14 45	W009 17 42	IJ59IF	7715	4794	97
GK	310.0			UNID		?			=1.0=0			
GK	311.0	1020		Peno Bottoms/Fort Smith/Jembo	AR			W094 28 27	EM25SH	1599	993	
GK	321.0	1020		Minsk 1			N53 53 36	E027 28 24	KO33RV	7151	4443	39
GK GK	325.0 520.0		CIV	Surgut Gong Kedak			N61 20 36 N05 47 53	E073 18 00 E102 29 25	MP61PI OJ15FT	8083 14497	5023 9008	13 358
GK	820.0			Dzhankoi			N45 43 48	E034 28 06	KN75FR	8139	5057	42
GL	201.0	400	civ	La Grande Rivière	QC		N53 37 49	W077 42 14	FO13DP	1090	677	6
GL	201.0		0	Galela	40	INS		E127 47 11	PJ31VU	14263	8863	325
GL	321.0	1020	civ	Berlin/Tegel/East		D	N52 34 20	E013 25 34	JO62RN	6478	4026	46
GL	355.0		civ	Galcaio		SOM	N06 46 00	E047 26 00	LJ36RS	12284	7633	58
GL	369.0	0	civ	Nantes/Atlantique		F	N47 03 10	W001 41 16	IN97DB	5832	3624	57
GL	375.0	1020		Gaylord	MI	USA	N45 00 53	W084 48 30	EN75OA	444	276	288
GL	398.0	400	joi	Aalborg		DNK	N57 05 02	E009 40 48	JO47UC	6021	3741	42
GL	414.0	1020		Goodland/Shugr	KS	USA	N39 17 38	W101 36 01	DM99EH	1909	1186	262
GL	599.0	1020		Nizhnyaya Pesha			N66 45 00	E047 46 00	LP36VS	6948	4317	21
GL	1010.0		enr	Glinyany				E024 32 00	KN29GT	7286	4527	44
GLA	236.0	1020		Gladstone			S23 52 19	E151 13 32	QG56OD	14930	9277	
GLA	248.0	1020		Gulkana/Glennallen	AK			W145 28 05	BP72GE	4618	2869	
GLA	375.0	400	enr	Gland for Geneva/Cointrin		SUI		E006 14 39	JN36CJ	6396	3974	55
GLB	407.0	400	isar	Goulburn  Physical Engineering (Clas Down				E149 44 14	QF45UE	15729	9773	
GLD GLE	418.0 330.0	1020	iw civ	Bluewater Engineering/Glas Dowr Gainesville	TX	IW LISA		E000 07 18 W097 11 55	JO07BL EM13JR	5475 1904	3402 1183	44 240
GLE	428.0	1020	CIV	Glenfield	1/			E150 58 35	QF56LA	15585	9684	
GLI	212.0	400		Glen Innes				E151 41 42	QG50UH	15274	9491	
GLS	206.0		civ	Galveston	TX			W094 45 22	EL290I	2110	1311	
GLS												
	272.0			Galapagos		EQA	S00 25 56	W090 16 59	EI49UN	5027	3123	195
GLS	272.0 317.0			Galapagos Giles			S00 25 56 S25 02 19	W090 16 59 E128 17 46	EI49UN PG44DX	5027 16747	3123 10406	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	•
GLW	473.0		-	Gliwice/Trynek	0,1	POL	N50 18 00	E018 41 00	JO90IH	6923	4302	46
GLX	365.0	1020	enr	Glückstadt		D	N53 50 59	E009 27 14	JO43RU	6178	3839	46
GLY	388.0	1020		Clinton/Golden Valley	MO	USA	N38 21 31	W093 41 05	EM38DI	1341	833	248
GLZ	275.0			Gualaquiza		EQA	S03 25 12	W078 32 08	FI06RN	5241	3257	179
GM	242.0	1020	civ	Milwaukee/Mitchell/Teels	WI	USA	N42 54 33	W088 02 28	EN52XV	704	437	264
GM	247.0	1020	civ	Gomel		BLR	N52 32 42	E030 56 48	KO52LN	7424	4613	38
GM	258.0			Goundam		MLI	N16 21 02	W003 36 01	IK86EI	7642	4749	87
GM	300.0		civ	Gambella			N08 08 10		KJ78GD	11253	6992	67
GM	306.5		mar	Mys Gamova				E131 13 10	PN52ON	9954	6185	338
GM	322.0			Gengma				E099 24 00	NL93QM	12537	7790	1
GM	325.0		civ	Gyumri/Shirak		ARM		E043 49 57	LN10VQ	9057	5628	40
GM	350.0		joi	Málaga		E	N36 43 35		IM76RR	6196	3850	70
GM	374.0			Fengning			N41 14 12	E116 37 36	ON81HF	10439	6487	348
GM	453.0	4000	<b>-</b> :	UNID	00	?	NO 4 40 40	W000 00 F0	EMO4TO	4040	040	405
GM	521.0	1020			SC		N34 46 49	W082 20 59	EM84TS	1042	648	195
GMA GMH	386.0 362.0	1020 1020	civ	Whitefield/Mahn/Dalton Greenville	NH KY		N44 21 44 N37 13 37	W071 41 10 W087 09 33	FN44DI EM67KF	624 986	388 613	83 224
GMI	335.0	1020		Guajará-Mirim	Κī	В	S10 46 40	W067 09 33 W065 20 18	FH79HF	6221	3865	163
GMN	334.0	400		Gormanston		IRL	N53 38 53		IO63VP	5244	3259	51
GMR	404.0	400		UNID		?	1400 00 00	VV000 10 00	100011	3244	3233	31
GMZ	356.0	1020	civ	Bowie/Grindstone Mountain	TX		N33 36 19	W097 46 24	EM13CO	1952	1213	240
GN	269.0	1020			FL		N29 40 12		EL89VQ	1597	992	190
GN	306.0	400		Godhavn/Qegertarsuaq			N69 14 38	W053 31 41	GP39FF	3186	1979	19
GN	317.0			Gan Island		MLD	S00 41 52	E073 09 50	MI69NH	14510	9016	37
GN	319.0			Gunung Sekip		INS	N02 50 09	E117 22 25	OJ82QU	14564	9050	338
GN	340.0	1020		Lexington/Bridl	KY	USA	N38 07 28	W084 30 25	EM78RC	769	478	215
GN	341.0			Ghazni		AFG	N33 32 06	E068 25 09	MM43FM	10834	6732	27
GN	343.0			Tansonnhat		VTN	N10 49 37	E106 40 41	OK30IT	13913	8645	353
GN	375.0		civ	Gondar			N12 32 00	E037 26 00	KK82RM	11095	6894	62
GN	383.0			UNID		?						
GN	435.0			Zhezkazgan				E067 47 33	MN37VR	9360	5816	21
GN	1000.0		civ	Gelendjik			N44 34 00		KN94AN	8423	5234	41
GNA	261.0		CIV	Geneina				E022 27 49	KK13FL	9912	6159	72
GNA	317.0	1020	oi.	Guayana	TV		N08 17 59	W062 44 01 W102 38 45	FJ88PH	4266	2651	153 246
GNC GND	344.0 362.0	1020	CIV	Seminole/Gaines County Point Salines	TX		N32 40 18 N12 00 33	W061 46 52	DM82QQ FK92CA	2368 3920	1472 2436	149
GNI	236.0	1020	civ		LA		N29 11 31	W090 04 30	EL49XE	1885	1171	214
GNR	275.0	1020	CIV	General Roca	LA		S38 58 59	W067 36 04	FF61EA	9256	5751	171
GNT	337.5	400	iw	Shell Expro/Gannet Alpha		IW	N57 11 04		JO07LE	5537	3441	45
GNY	1623.0	1020		Gurney/Alotau				E150 21 42	QH59EQ	13966		293
GO	221.0			Daigo		J		E140 21 34	QM06ES	10213	6346	329
GO	274.0			Goa		IND	N15 23 31	E073 53 25	MK65WJ	12906	8019	29
GO	305.0		civ	Gorna Oryahovitsa		BUL	N43 08 25	E025 45 45	KN23VD	7845	4875	48
GO	316.5			Drawsko		POL	N53 32 00	E015 49 00	JO73VM	6556	4074	44
GO	420.0	1020	civ	Podgorica		YUG	N42 17 54	E019 15 12	JN92PH	7504	4663	52
GO	422.5			George				E022 16 53	KF15DX	13401	8327	109
GO	590.0		civ	Gostomel/Antonov				E030 13 30	KO50CN	7537	4683	40
GO	662.0			Balandino				E061 35 24	MO05TH	8417	5230	22
GO	1061.0		civ	Gorevoye				E092 39 00	NO66HP	8837	5491	4
GOI	370.0	1020		Goiania	101	В		W049 13 28	GH53JI	7375		148
GOI	396.0	1020		Godman/Fort Knox (Army)	KY			W085 58 36	EM77AX	857	533	
GOL	277.0	1020	enr	Golyama			N43 05 54	E024 12 18	KN23CC	7754	4818	49
GOZ	314.0	400	ci.	UNID	00	?	N/40 40 05	MO64 22 27	ENIZOTO	4070	704	60
GP GP	232.0 272.0			Gaspe Grand Panide/Galey	QC MN			W064 23 07 W093 28 53	FN78TS EN37GD	1278 1151	794 715	60 293
GP GP	341.0			Grand Rapids/Galex Lajes	MN			W093 28 53 W027 06 47	HM68KS	4345	2700	293 79
<b>U</b> i	J <del>-1</del> 1.0	1020	11111	Lajoo		741	1100 70 08	******	LINIOUNG	7070	2100	1 3

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GP	360.0	<b>HZ</b>	civ	Gulfport/Bayou	MS		N30 29 07	<b>Long</b> W089 09 43	Loc EM50KL	1717	<b>mi</b> 1067	
GP	452.0	1020		Grodno/Obukhovo	IVIO			E024 03 06	KO23AP	6992	4345	40
GP	554.0	1020	CIV	UNID		?	1400 00 00	LUZ- UU UU	NOZUMI	0332	7070	40
GP	1057.0			UNID		?						
GPA	1644.0			Garoupa		В	S22 22 18	W040 25 08	GG97SP	8349	5188	143
GPF	232.0			UNID		?						
GPH	284.0	1020		Mosby	МО	USA	N39 20 46	W094 18 27	EM29UI	1334	829	253
GPI	285.5			General Pico		ARG	S35 41 10	W063 44 33	FF84DH	8955	5564	167
GPI	309.0			Guapi		CLM	N02 34 24	W077 53 40	FJ12BN	4580	2846	178
GPQ	278.0	1020	civ	Carrollton	GA	USA	N33 33 57	W085 07 51	EM73KN	1248	775	205
GQ	517.0	1020		Kansas City/Norge	MO	USA	N39 03 40	W094 39 21	EM29QB	1376	855	252
GR	216.0	1020	mil	Graye/Fort Lewis/Tacoma (Army)	WA	USA	N47 09 01	W122 36 17	CN87QD	3347	2080	292
GR	285.0	1020	civ	Granada		Ε	N37 11 18	W003 50 24	IM87BE	6223	3867	69
GR	308.0		mar	Grimsey		ISL		W017 58 59	IP16AM	4390	2728	34
GR	320.0			Khorinsk		RUS	N52 10 00	E109 47 00	OO42VE	9323	5793	354
GR	323.0	1020		Starn/Fort Hood (Army)	TX		N31 10 04		EM11BE	2147	1334	
GR	356.0	1020		Green Bay/Famis	WI		N44 26 26	W088 14 22	EN54VK	705	438	278
GR	367.0	1020		Fayetteville/Doone	NC		N34 54 45		FM04MV	998	620	177
GR	368.0			Mo i Rana/Røssvold/Gruben				E014 12 54	JP76CH	5793	3599	31
GR	370.0	400	civ	Grindstone/Îles-de-la-Madeleine	QC		N47 22 30		FN97BJ	1419	882	68
GR	373.0			Har Grofit				E035 02 48	KM70MA	9466	5882	52
GR	379.0	4000	<b>_:</b>	Mutare Grand Reef	NIE		S18 58 18	E032 27 00	KH61FA	13193	8198	89
GR GR	380.0 388.0	1020	CIV	Grand Island/Kehoe UNID	NE	05A ?	N40 52 22	W098 18 53	EN00UU	1585	985	264
GR	414.0	1020	civ	Dubrovnik/Gruda			N42 32 26	E018 19 15	JN92DM	7427	4615	53
GR	434.0	400*		Gorka			N59 49 00		KO69ET	6949	4318	32
GR	592.0	400		Guzar		UZB		E066 18 00	MM38DN	10244	6366	26
GR	778.0	400*		Krasnohrad				E035 26 54	KN79RJ	7896	4906	39
GR	1105.0	400	Cili	Gromoslavka				E043 38 00	LN18TE	8391	5214	35
GRA	283.0	1020	civ	Graciosa				W028 01 05	HM59XB	4259	2647	79
GRA	343.0	1020		Grazzanise		1		E014 05 01	JN71BB	7252	4506	56
GRA	365.0			Rio Grande		ARG	S53 47 06	W067 45 38	FD66CF	10881	6761	173
GRA	412.0	1020	civ	Granada		Ε	N37 11 22	W003 40 40	IM87DE	6235	3875	69
GRB	361.0	400	civ	Guernsey		G	N49 26 04	W002 38 22	IN89QK	5652	3512	55
GRB	419.0			UNID		?						
GRE	233.0			Greenville	IL	USA	N38 50 03	W089 22 20	EM58HU	1001	622	239
GRE	318.0			Guanare		VEN	N09 02 02	W069 45 10	FJ59CA	3976	2471	163
GRE	326.0	400	civ	Grenchen for Bern/Belp		SUI	N47 11 00	E007 24 53	JN37QE	6427	3994	54
GRE	360.0			Gobernador Gregores				W070 09 41	FE41WF	10307		174
GRK	358.0			Trondheim/Værnes/Gråkallen				E010 16 08	JP53DK	5751	3573	35
GRN	284.0		civ	Gorna Oryahovitsa				E025 36 46	KN23TD	7835	4868	48
GRN	382.0	1020		Guerrero Negro				W114 01 20	DL28XA	3544	2202	
GRN	412.0			Gerona		E		E002 48 26	JN12JA	6419	3989	61
GRN	414.0	1020	CIV	Gordon	NE			W102 10 46	DN82VT	1841	1144	
GRO	263.0		oi.	Garoua Poto Jolond				E013 17 27	JJ69PH	9517	5914	
GRO	332.0	1020		Rota Island		IVIKA		W145 14 24 E011 01 31	BK74JE	6994 6939	4346 4312	
GRO GRP	406.0 356.0	1020 1020	11111	Grosseto Granite Point/Mobile Oil	AK	1167		W151 20 02	JN52MQ BP40HX	4946	3074	
GRS	329.0	1020		UNID	AN	?	1100 37 41	W 151 20 02	DF4UHA	4940	3074	319
GRS	424.0		civ	Ghriss			N35 12 30	E000 09 36	JM05BE	6645	4129	69
GRT	331.0			Grottaglie		I		E017 25 20	JN80RK	7516	4670	55
GRT	337.0		احر	Gheriat		L BY		E013 35 09	JM60TJ	7964	4949	65
GRU	230.0	1020		Guarapuava		В		W051 31 20	GG44FO	8184	5085	
GRW	405.0	1020	mil	Grafenwöhr		D		E011 56 34	JN59XQ	6562	4078	49
GRY	345.0		iw	Kerr McGee/Gryphon Alpha		IW		E001 34 10	JO09SI	5483	3407	42
GRY	388.0			Guriat				E037 15 48	KM81PJ	9487	5895	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GRZ	290.0	1020	civ			AUT	N46 55 14	E015 27 32	JN76RW	6951	4319	50
GS	254.0	1020			NC		N36 10 01	W080 02 08	EM96XE	860	534	184
GS	287.0	400	civ	Greer	SC	USA	N34 48 56	W082 16 48	EM84UT	1037	644	195
GS	297.0			Lishui		CHN	N31 38 12	E119 02 36	OM91MP	11432	7104	344
GS	305.0			Sarir/A. G. Concession 65		LBY	N27 39 00	E022 30 00	KL17GP	8811	5475	62
GS	336.0			Goma		ZAI	S01 41 09	E029 13 00	KI48OH	11630	7227	78
GS	346.0			Gisborne		NZL	S38 40 14	E177 59 21	RF81XH	13748	8542	247
GS	346.0	400	joi	Gävle/Sandviken		S	N60 33 12	E016 57 06	JP80LN	6207	3857	36
GS	366.0			UNID		?						
GS	375.0			UNID		?						
GS	420.0	1020	civ			HRV		E013 51 30	JN64WV	6983	4339	53
GSG	395.0			Guiscriff		F	N48 09 37	W003 36 09	IN88ED	5648	3510	57
GSh	698.5			UNID		?						
GSN	245.0	400		Gach Saran		IRN	N30 18 44		LM50KH	10365	6441	41
GST	331.0	400	•			G	N51 53 31		IO81VV	5571	3462	52
GT	232.0	1020	mii	Grand Turk (AF)		TCA		W071 08 45	FL41KK	2607	1620	160
GT	253.0			Niigata		J		E139 06 34	PM97NW	10146	6305	331
GT GT	282.0 294.0		ois -	Greytown Zavitinsk		AFS	S29 07 47	E030 34 42 E129 32 42	KG50GU PO40SD	13735 9213	8535 5725	100 342
GT	294.0		CIV	UNID		?	NSU U6 54	E 129 32 42	PU405D	9213	5/25	342
GT	302.0			Luostari			N69 24 00	E031 00 00	KP59MJ	6236	3875	24
GT	323.0	1020	civ	Hamburg/North		D	N53 42 51		JO43XR	6212	3860	46
GT	324.0	1020	CIV	Gilgit		PAK		E074 20 06	MM75EW	10778	6697	21
GT	360.0			Guwahati		IND		E091 36 10	NL56TC	12200	7581	9
GT	478.0	1020		UNID		?	1420 00 02	2001 00 10	1120010	12200	7001	J
GT .	525.0	1020		UNID		?						
GT	705.0	500		UNID		?						
GTB	257.0	000	mil	Fort Drum (Army)	NY	-	N44 04 07	W075 44 10	FN24DB	299	186	85
GTC	293.0			Man/Guyandot	WV		N37 46 55	W081 54 31	EM97BS	710	441	198
GTE	407.0			Groote Eylandt		AUS	S13 58 30	E136 27 20	PH86FA	15260	9482	303
GTH	305.0			Griffith		AUS	S34 16 38	E146 03 24	QF35AR	15996	9939	270
GTN	323.0		civ	Georgetown/Wash. Natl.	DC	USA	N38 55 48	W077 07 27	FM18KW	585	364	160
GTN	401.0			Georgetown		AUS	S18 17 40	E143 32 57	QH11SQ	15112	9390	292
GTO	250.0			Guasdualito		VEN	N07 13 59	W070 48 01	FJ47OF	4149	2578	166
GTP	245.0	1020	civ	Thomasville/Patten	GA	USA	N30 57 27	W083 49 36	EM80CW	1487	924	196
GU	338.0	0	civ	Brest/Guipavas		F	N48 28 40	W004 17 08	IN78UL	5588	3472	57
GU	344.0			Magdagachi				E125 48 42	PO23VL	8950	5561	345
GU	876.0		civ	Volgograd/Gumrak				E044 22 00	LN28ES	8374	5203	35
GUA	224.0	1020		Girua			S08 44 44	E148 15 15	QI41DG	13991	8694	296
GUA	375.0	1020		Guatemala City		GTM		W090 31 52	EK44RO	3415	2122	
GUI	388.0	1020	•	Guidonia				E012 44 20	JN62IX	7100	4412	56
GUL	383.5			Gulpen				E005 53 44	JO20WT	6128	3808	50
GUN	348.0	400	joi	Storuman/Gunnarn	T\/	S		E017 46 36	JP84VV	6010	3734	31
GUO	332.0	1020		Georgetown	TX			W097 40 48	EM10DQ	2173	1350	
GUV	359.0	1020	mıl	Gator/Fort Polk (Army)	LA			W093 11 05	EM31JA	1869	1162	
GUY	255.0	1020		Tocomita	OK		N07 45 39	W063 05 11 W101 30 18	FJ87KS	4309		154
GUY GV	275.0 201.0	1020	ois r	Guymon Greenville/Major	OK TX			W101 30 18 W096 03 49	DM96FQ EM13XD	2029 1869	1261 1162	
GV GV	201.0	1020	CIV	Kansas City	MO			W096 03 49 W094 45 00	EM29OF	1375		253
GV GV	271.0			UNID	IVIO	05A ?	1109 10 10	vvus4 45 00	LIVIZOUF	13/3	004	200
GV	321.0	٥	civ	Granville		, F	N48 55 06	W001 28 54	IN98GW	5753	3575	55
GV	375.0	U	CIV	Tansonnhat				E106 40 18	OK30IT	13913	8645	353
GV	380.0			Gove				E136 49 28	PH87JR	15087	9375	305
GV	425.0			Astrakhan/Narimanovo				E048 00 30	LN46AG	8760	5443	34
GV	650.0		civ	Astrakhan/Narimanovo				E047 56 24	LN36XG	8757	5441	34
GV	660.0			Kolyvan				E082 43 00	NO15IH	8882	5519	10
	550.5		5.1	·····y · ····						3002	55.5	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
GVA	224.0	1020		Henderson/Geneva	KY		N37 48 11	W087 46 15	EM67CT	973	605	229
GVV	280.0	1020	civ	Grangeville	ID	USA	N45 56 23	W116 13 18	DN15VW	2886	1793	288
GW	313.0		civ	Belaya		RUS	N52 52 24	E103 37 36	0012TU	9277	5765	358
GW	349.0	400	civ	Greenwood/Teock	MS	USA	N33 35 31	W090 05 04	EM43WO	1468	912	222
GW	371.0	400	civ	Kuujjuarapik/Jarpik/La Baleine	QC	CAN	N55 17 05	W077 45 05	FO15CG	1273	791	5
GW	415.0			Al Hamada Concession 66			N29 32 00	E012 50 00	JL69KM	7971	4953	66
GW	420.0			UNID		?						
GW	537.0		civ	Tretyakovo/Luhovitsi				E039 09 36	KO94NV	7625	4738	33
GW	920.0			Primorsko Ahtarsk			N46 03 00		KN96CB	8310	5164	40
GWF	282.0	1020	CIV	Lancaster/Gen William J Fox	CA	USA		W118 13 00	DM04VR	3458	2149	266
GWN	252.5	4000		Greytown	ND		S29 06 19	E030 36 12	KG50HV	13736	8535	100
GWR	278.0	1020	CIV	Gwinner	ND		N46 13 24		EN16EF	1452	902	287
GXD GY	391.0 236.0	1020	oi.	Nacogdoches Gary	TX		N31 38 55	W094 42 20 W087 19 37	EM21PP	1905 694	1184 431	230 251
GY	310.0	1020	CIV	•	IN		N41 34 21 S01 40 36	E029 15 37	EN61IN KI48PH	11633	7228	251 78
GY	338.0	1020		Gisenyi Greenville/Dyana	sc		N34 41 28	W082 26 37	EM84SQ	1053	655	195
GY	365.0	400	civ	London/Gatwick	30	G	N51 07 50	W002 20 37 W000 18 57	IO91UD	5723	3556	52
GYA	250.0	400	CIV	Guayaramerin			S10 49 21	W065 20 33	FH79HE	6225	3868	163
GYB	385.0	1020	civ	Giddings/Lee County	TX			W005 20 33 W096 58 43	EM10ME	2171	1349	231
GYG	359.0	1020	civ	Grayling	MI		N44 45 00	W084 49 42	EN74OS	439	273	284
GYL	407.0	1020		Glencoe	MN		N44 45 39	W094 05 09	EN24WS	1169	727	280
GYM	368.0	1020		Guaymas			N27 57 21		DL47MW	3315	2060	248
GYR	354.0	1020	enr	Györ				E017 43 05	JN87UP	7040	4375	49
GYu	320.0			Krivoj Rog		UKR	N47 53 00	E033 32 00	KN67SV	7917	4920	41
GYu	390.0			Nasosnaya		AZE	N40 31 00	E049 33 00	LN40SM	9357	5814	36
GYZ	280.0	990		Camp Guernsey	WY	USA	N42 14 24	W104 42 52	DN72PF	2057	1278	274
GZ	205.0		enr	Kakaydy		UZB	N37 34 24	E067 29 42	MM37RN	10389	6455	26
GZ	387.0			Ghanzi		BOT	S21 41 57	E021 39 17	KG08TH	12522	7781	99
GZN	354.0		civ			ARS	N16 53 33	E042 35 34	LK16HV	11077	6883	55
GZO	320.0	1020	civ	Malta/Gozo		MLT		E014 12 31	JM76CA	7607	4727	60
GZV	280.0	1020		Graford/Brazos River	TX		N32 57 05	W098 24 47	EM02TW	2045	1271	240
GZW	348.0	1020	civ	Greeley/Greey	CO		N40 27 24		DN70OK	2117	1316	268
Н	255.0		CIV	Wroclaw/Strachowice				E016 54 37	JO81KC	6769	4206	46
Н	262.0 276.0	400	oi.	Cordoba	MD		S31 17 10	W064 12 27 W097 45 42	FF78VR EO15CT	8468	5262	167
H H	290.0	400	civ	Thompson/Hotel UNID	MB	CAN ?	N55 49 54	VVU97 45 42	EUISCI	1858	1155	322
Н	308.0			Langara Point	ВС	-	N54 15 22	W133 03 36	CO34LG	3976	2471	306
н	310.0			UNID	ьс	?	1104 10 22	W 133 03 30	003410	3370	2471	300
н	321.0			UNID		?						
н	373.0		civ	Tulcea/Cataloi		-	N45 03 00	E028 43 00	KN45IB	7874	4893	45
Н	390.0			UNID		?						
Н	403.0	400	civ	Helsinki/Vantaa		FIN	N60 20 15	E024 59 33	KP20LI	6592	4096	34
Н	408.0	400		Enontekiö		FIN		E023 24 21	KP18QJ	6041	3754	26
Н	600.0			UNID		?						
Н	740.0		civ	Makhachkala/Uytash		RUS	N42 50 00	E047 38 12	LN32TT	9055	5627	36
Н	950.0		civ	Novy		RUS	N48 32 30	E135 12 00	PN78ON	9221	5730	338
H7	388.0	400	civ	Manitowaning/Manitoulin East	ON	CAN	N45 50 29	W081 51 10	EN95BU	287	179	320
HA	265.0			Hoedspruit			S24 20 19	E031 02 04	KG55MP	13454	8360	95
HA	267.0			Hanimaadhoo				E073 09 59	MJ66NR	13762	8551	33
HA	287.0			Sharurah				E047 05 45	LK37NL	11316	7032	51
HA	287.3	1020		Haifa/Cape Carmel				E034 58 00	KM72LT	9227	5733	50
HA	301.0		mar	Pointe d'el Hank/Casablanca				W007 39 24	IM63EO	6148	3820	75
HA	316.5	4000		Prince Said Abrahim				E043 15 39	LH18PJ	13502	8390	75
HA	320.0			Hannover/East		D		E009 48 18	JO42VL	6274	3898	47
HA	329.0	1020		Budapest/Ferihegy  Kharkir/Consus				E019 08 58	JN97NL	7138	4435	48
НА	330.0	800*	CIV	Kharkiv/Osnova		UKK	1149 55 29	E036 21 40	KN89EW	7898	4907	38

MA	Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MA													26
MA	HA	348.0	1020		Vopnafjördhur/Hofsa		ISL	N65 37 47	W015 02 29	IP25LP	4520	2808	35
MA	HA	358.0		iw	UNOCAL Helm A		IW	N52 52 21	E004 08 32	JO22BU	5915	3675	49
HAA	HA	366.0			UNID		?						
MAB	HA	367.0	0		Hao Atoll/Tuamotu		HAO	S18 03 51	W140 58 17	BH91MW	9279	5765	237
Marco	HA	380.0			•		TON	S19 46 42	W174 20 20	AH20TF	11891	7389	259
MAE			400				NOR						
MAE					g ,								
MAE			1020	pri	_			N50 05 35	E009 46 54	JO40VC	6407	3981	50
MAH										10.10011			
MAH						N40							
MAI													
HAM   317.0   1020   ct													
MAM   MAM						IVII							
HANO													
MAS					•								
MAY   MAY						ОН							
MAU   386.0   1020   civ   HelenarHauser   MT   USA   N46.3 4.08   W111.45.29   DNAGCN   253.0   1576   288   284   28			. 323			J.,							
MAW			1020			МТ							
MAW   MAG   MAG   MAG   MAG   Pri   Hawarden   MAG				pri	Haverfordwest								
Hay	HAW	340.0	400				G	N53 10 48	W002 58 42	IO83ME	5465	3396	51
Hay   May   May   Hay   Hay   May	HAW	405.0		pri	Hawtah		ARS	N22 56 55	E046 54 40	LL32KW	10814	6719	48
HB         237.5         Hartebeespoortdam         AFS         S254 15         E027 53 68         KG34WF         13300         8264         98           HB         328.0         400         Holosteinsborg/Sisimuit         GRL         N66 56 60         900534157         GP3DDW         2991         4585         224           HB         361.0         1020         Hubil         NC         USA         385.84 42         W079 35 05         FM05EX         489         524           HB         402.0         Hubil         Hubil         IND         N15 21 30         627.05 05 01         MK75NI         1295 4         362.0         25           HB         402.0         1020         err         Zemetchino         RUS         N53 31 00         6042 37 00         L0174MD         788         492.2         36         HB         480.0         1020         err         2emetchino         RUS         N53 31 00         6042 37 00         L0174MD         788         490.2         32         480.2         36         480.6         300.0         1020 km6GQ         795.8         490.2         32         480.2         480.2         480.2         480.2         480.2         480.2         480.2         480.2         480	HAY	215.0	400		Hay		AUS	S34 32 32	E144 49 58	QF25JK	16109	10009	270
HB         328.0         400         Holsteinsborg/Sisimult         RC         RL         N66 56 09         W053 41 57         GP36DW         2991         1859         22           HB         361.0         1020         Burlington/Himun         NC         USA         N35 56 20         CWGATRE         16255         100 7         25           HB         402.0         400         city         Burlington/Himun         AUS         S24 84 84         E147 28 48         GE37RE         16255         100 7         25           HB         402.0         400         city         Beiffast/City         GR         N54 36 54         800 55 24         1074BU         2521         2521         252         18           HB         1065.0         1020         city         Ederochapy         RL         N54 36 54         800 52 42         1074BW         2521         2521         252         18         48         20         2         Herrey Bay         RL         N54 36 50         80 40 23         20         1074BW         48         25         27         48         49         20         48         48         49         40         40         40         40         40         40         40	HAY	350.0		enr	Haymana		TUR	N39 26 15	E032 30 35	KM69GK	8536	5304	47
HB         361.0         1020         Burlington/Himun         NC         USA         N35 58 42         W079 35 05         FM05EX         8.79         54 6         181           HB         362.0         Hobart         Hobart         AUS         S4 48 44         E147 28 46         CE3TRE         1626 5         1010         255           HB         420.0         400         Elbit Intitle         IND         115 213 0         E075 05 10         IM75NI         12954         480 2         28           HB         420.0         400         Elefast/City         G         N54 36 54         W005 52 42         1074B0         5231         3250         50           HB         1065.0         1020         err Zemetchino         RES         N34 36 54         W005 52 42         1074B0         788         4902         32           HB         1065.0         1020         Mervey Bay         RUS         N34 36 50         W1013 210         N186         777         1104         296           HBC         350.0         1020         civ Mohall         M10         M2         M4 550         W1013 210         N986 S         1777         1104         296           HBC         350.0	НВ	237.5			Hartebeespoortdam		AFS	S25 45 15	E027 53 56	KG34WF	13300	8264	98
HB         362.0         Use of the Hubin         AUS         842 48 44         E147 28 46         QE37RE         16265         1010         255         HB         402.0         Lubin         AUS         812 48 44         E147 28 46         QE37RE         12954         8049         25         54         BM         402.0         CIV	НВ	328.0	400		Holsteinsborg/Sisimuit		GRL	N66 56 09	W053 41 57	GP36DW	2991	1859	
HB         402.0         400 or belfast/City         G B N5 436 4 W005 52 42 (1074BO)         1029 (2074BO)         5231 3250 50         50           HB         470.0         400 or belfast/City         G B N5 436 54 W005 52 42 (1074BO)         1074BO (2074BO)         5231 3250 50         50           HB         1065.0         1020 or P Zemetchino         RUS N53 31 00         604 23 700         LO13HM         788 8 4902 32         325 52         325 52         325 52         325 52         325 52         325 52         328 52			1020		_	NC							
HB         420.0         400         civ         Belfast/City         G         N54 36 54         W005 52 42         IO74BO         5231         3250         50           HB         978.0         1020         enr         Zemetchino         RUS         N53 31 00         E042 37 00         LO13HM         7888         4902         32           HBA         1065.0         Kherson-Chernobayevka         RUS         N53 31 00         E032 30 00         KN66GQ         7958         4945         32           HBA         200.0         Hervey Bay         AUS         S25 19 27         E152 52 59         Q664KQ         14898         9257         276           HBC         350.0         1020         civ         Hohall         ND         USA         N41 90 10         W080 3153         EN91RD         317         197<													
HB         978.0         1020         err         Zemetchino         RUS         N53 31 00         E042 37 00         LO13HM         7888         4902         32           HB         1065.0         Kherson-Chernobayevka         UKR         N46 40 00         E032 30 00         KN66GQ         7958         4945         42           HBC         350.0         1020         civ         Horvey Bay         USA         N484 45 50         1010 320         DN98FS         1777         1104         296           HBD         408.0         1020         civ         Hubbard/Youngstown         OH         USA         N41 09 10         W080 31 53         EN91RD         317         197         197           HBK         323.0         civ         Hibbard/Youngstown         AI         USA         N60 233         W146 052         DR91RD         317         197         197           HBK         362.0         1020         civ         Hibborol/Klorland         AK         USA         N55 18 56         W160 31 06         A675 BP         250         351         313           HBV         266.0         1020         civ         Hibborol/Klockapo         WI         USA         N45 39 19         W090 19 59			400										
HB         1065.0         Kherson-Chernobayevka         UKR         N46 40 00         E032 30 00         KN66GQ         7958         4945         42           HBA         200.0         Hervey Bay         AUS         S25 19 27         E152 52 59         QG64KQ         14888         9257         276           HBB         408.0         1020         civ         Hubbard/Youngstown         OH         USA         N44 109 10         0080 31 53         EN91RD         317         1104         296           HBK         323.0         1020         civ         Hubbrook         AK         USA         N41 09 10         0080 31 53         EN91RD         317         197         197           HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N50 23 39         0146 05 25         BP60WJ         4675         2905         317         418           HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N55 18 56         0160 31 06         A095RH         5650         351         313           HBW         251.0         civ         Hillsborro/Kickapo         TX         USA         N35 30 52         0092 04 00 <th< th=""><th></th><th></th><th></th><th></th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>					•								
HBA   200.0   Hervey Bay   Hervey Bay   AUS   S25 19 27   E152 52 59   QG64KQ   14898   9257   276   1880   350.0   1020   619   Mohall   ND   USA   N48 45 50   W101 32 10   DN98FS   1777   1104   296   1105			1020	enr									
HBC         350.0         1020         civ         Mohall         ND         USA         N48 4 5 50         W101 32 10         DN98FS         1777         1104         296           HBD         408.0         1020         civ         Hubbard/Youngstown         OH         USA         N41 09 10         W080 31 53         EN91RD         317         197         197           HBK         323.0         Local Michial         Holbrook         AUS         S35 37 30         E147 28 02         C974RI         15954         9913         267           HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N55 18 56         W160 31 06         A095RH         5650         3511         313           HBV         266.0         1020         civ         Hebbronville         TX         USA         N55 18 56         W160 31 06         A095RH         5650         3511         313           HBW         251.0         1020         Heber Springs         AR         USA         N35 30 52         W090 19 59         EN43UP         875         544         272           HBC         330.0         1020         Heber Springs         AR         USA         N35 30 52					·								
HBD         408.0         1020         civ         Hubbard/Youngstown         OH         USA         N41 09 10         W080 31 53         EN91RD         317         197         197           HBK         323.0         Lobbrook         AUS         S35 37 30         E147 28 02         QF34RI         15954         9913         267           HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N60 23 39         W146 05 25         BP60WJ         4675         2905         317           HBV         260.0         1020         civ         Hebbronville         TX         USA         N51 85         W60 31 93         EN90WJ         4675         2505         3511         313           HBW         251.0         civ         Hebbronville         TX         USA         N45 39 19         W098 44 39         EL07PI         2521         1567         233           HBW         251.0         1020         Heber Springs         AR         USA         N45 30 52         W092 04 93         EN3UP         85         544         272           HBC         340.0         EV         Hecher Springs         AR         USA         N42 51 58         E014 10 55			1020	civ	· · ·	ND							
HBK         323.0         Holbrook         AUS         S35 37 30         E147 28 02         QF34RI         15954         9913         267           HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N60 23 39         W146 05 25         BP60WJ         4675         2905         317           HBT         390.0         1020         civ         Sand Point/Borland         AK         USA         N51 18 56         W160 31 06         AO95RH         5650         3511         313           HBW         266.0         1020         civ         Helbbr Osprings         AR         USA         N43 39 19         W090 19 59         EN43UP         2521         1567         230           HBW         256.0         1020         Heber Springs         AR         USA         N43 39 19         W090 19 59         EN43UP         862         233           HC         330.0         1020         Heber Springs         AR         USA         N43 39 19         W090 19 59         EN43UP         875         544         272           HBZ         256.0         1020         Heber Springs         AR         USA         N43 39 05         W092 00 40         EM35XM         142													
HBK         362.0         1020         civ         Hinchinbrook         AK         USA         N60 23 39         W146 05 25         BP60WJ         4675         2905         317           HBT         390.0         1020         civ         Sand Point/Borland         AK         USA         N55 18 56         W160 31 06         AO95RH         5650         3511         313           HBW         266.0         1020         civ         Helboror/Kickapoo         WI         USA         N33 39 19         W090 19 59         EN43UP         875         544         272           HBZ         256.0         1020         Heber Springs         AR         USA         N35 30 52         W092 019 59         EN43UP         875         544         272           HBC         330.0         civ         Heringsdorf         AR         USA         N35 30 52         W092 019 59         EN43UP         805         348         425           HC         340.0         Erringsdorf         AR         USA         N42 5118         E047 37 12         LD 37C         6584         328           HC         340.0         UNID         TURING         RUSA         N42 51 18         E047 37 12         LD 37C         5655			1020	0.1		011							
HBT         390.0         1020         civ         Sand Point/Borland         AK         USA         N55 18 56         W160 31 06         AO95RH         5650         3511         313           HBV         266.0         1020         civ         Hebbronville         TX         USA         N27 21 14         W098 44 39         EL07PI         2521         1567         230           HBW         251.0         civ         Hillsboro/Kickapoo         WI         USA         N43 39 19         W090 19 59         EN43UP         875         544         272           HBZ         256.0         1020         Heber Springs         AR         USA         N35 30 52         W092 00 40         EM35UM         1420         882         233           HC         330.0         civ         Heber Springs         AR         USA         N35 52 27         E014 10 55         JO73CU         644         4005         44           HC         340.0         civ         Hackijojima         B         V3 30 648         E139 47 27         PM93VC         10597         6565         362         1           HC         474.0         civ         Makhachkala/Uytash         UNID         V         V         V         V			1020	civ		AK							
HBW         251.0         civ         Hillsboro/Kickapoo         WI         USA         N43 39 19         W090 19 59         EN43UP         875         544         272           HBZ         256.0         1020         Heber Springs         AR         USA         N35 30 52         W092 00 40         EM35XM         1420         882         233           HC         330.0         civ         Heringsdorf         D         N53 52 27         E014 10 55         JO73CU         6445         4005         44           HC         340.0         civ         Hachijojima         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         ?         Kmelnytskyi         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HC         1165.0         1020         Kimelnytskyi         MN         USA         N44 51 25         W094 23 00         EN24TU         11193         741         280           HC         295.0<				civ		AK							
HBZ         256.0         1020         Heber Springs         AR         USA         N35 30 52         W092 00 40         EM35XM         1420         882         233           HC         330.0         civ         Heringsdorf         D         N53 52 27         E014 10 55         JO73CU         6445         4005         44           HC         340.0         civ         Hachijojima         J         N33 06 48         E139 47 27         PM93VC         10597         6584         328           HC         365.0         civ         Makhachkala/Uytash         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         ?         FU         WR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HC         1165.0         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mill Hawks/Knob Noster (Army)         MO         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283	HBV	266.0	1020	civ	Hebbronville	TX	USA	N27 21 14	W098 44 39	EL07PI	2521	1567	230
HC         330.0         civ         Heringsdorf         D         N53 52 27         E014 10 55         JO73CU         6445         4005         44           HC         340.0         civ         Hachijojima         J         N33 06 48         E139 47 27         PM93VC         10597         6584         328           HC         365.0         civ         Makhachkala/Uytash         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         ?         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mill         Hawks/Knob Noster (Army)         MO         USA         N38 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283	HBW	251.0		civ	Hillsboro/Kickapoo	WI	USA	N43 39 19	W090 19 59	EN43UP	875	544	272
HC         340.0         Hachijojima         J         N33 06 48         E139 47 27         PM93VC         10597         6584         328           HC         365.0         civ         Makhachkala/Uytash         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         ?         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N38 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         334.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13568         8617         250           HD <t< th=""><th>HBZ</th><th>256.0</th><th>1020</th><th></th><th>Heber Springs</th><th>AR</th><th>USA</th><th>N35 30 52</th><th>W092 00 40</th><th>EM35XM</th><th>1420</th><th>882</th><th>233</th></t<>	HBZ	256.0	1020		Heber Springs	AR	USA	N35 30 52	W092 00 40	EM35XM	1420	882	233
HC         365.0         civ         Makhachkala/Uytash         RUS         N42 51 18         E047 37 12         LN32TU         9052         5625         36           HC         474.0         UNID         ?         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N43 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         mil         Hawks/Knob Noster (Army)         MY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         320.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         365.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250				civ	-		D						
HC         474.0         UNID         ?           HC         1165.0         Khmelnytskyi         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N44 51 25         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         334.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00 <th></th> <th></th> <th></th> <th></th> <th>• •</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>					• •								
HC         1165.0         Khmelnytskyi         UKR         N49 21 00         E026 56 00         KN39LI         7452         4630         43           HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N38 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         320.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         334.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400				civ	The state of the s			N42 51 18	E047 37 12	LN32TU	9052	5625	36
HCD         209.0         1020         civ         Hutchinson         MN         USA         N44 51 25         W094 23 00         EN24TU         1193         741         280           HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N38 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         320.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         334.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD<													
HCK         296.0         1020         mil         Hawks/Knob Noster (Army)         MO         USA         N38 37 48         W093 34 20         EM38FP         1317         818         249           HCY         257.0         1020         "         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         320.0         "         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         365.0         "         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23													
HCY         257.0         1020         Cowley         WY         USA         N44 54 50         W108 26 35         DN54SV         2299         1429         283           HD         320.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         334.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23													
HD         320.0         Humansdorp         AFS         S34 00 58         E024 46 44         KF25JX         13592         8446         108           HD         334.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23				mil									
HD         334.0         Whitford         NZL         S36 56 53         E175 00 53         RF73MB         13868         8617         250           HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23			1020		•	VVY							
HD         365.0         Tumurtai         CHN         N41 52 00         E113 09 00         ON61NU         10422         6476         351           HD         414.0         400         civ         Sandnessjøen/Stokka/Hestad         NOR         N66 03 37         E012 33 01         JP66GB         5736         3564         31           HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23					•								
HD       414.0       400 civ       Sandnessjøen/Stokka/Hestad       NOR N66 03 37       E012 33 01       JP66GB       5736 3564 31         HD       655.0       civ       Khudzhand/Leninabad       TJK N40 12 30       E069 38 06       MN40TE       10190 6332       23													
HD         655.0         civ         Khudzhand/Leninabad         TJK         N40 12 30         E069 38 06         MN40TE         10190         6332         23			400	civ									
			<del>-100</del>										
112 001 110 20 01 110 20 10 10 10 10 10 10 10 10 10 10 10 10 10	HDE	396.0	1020			NE				EN00HK	1683		

No.     No.     No.	Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
No.   No.	HDG	211.0	1020	civ		ID	USA	N42 54 58		DN22PV	2833	1760	280
Holl	HDI	369.0	1020		Cleveland/Hardwick	TN	USA	N35 09 13	W084 54 21	EM75ND	1077	669	208
Holl	HDL	338.0		civ	Hodeidah		YEM	N14 46 48	E042 59 36	LK14LS	11287	7013	56
Home	HDL	411.0	1020			OK	USA	N35 05 07	W096 24 48	EM15TC	1751	1088	242
HE					<u> </u>								
No.			1020										
Methods					•	ВС							
Methods													
Mathematical Notation   Math			1020			WI							
Hendring													
Met				CIV	•								
Hele													
HEG   35.0   100   UNID   F			1020			۸D							
Heff   S24.0   1020   cv   Mewark					·	AIN		1134 34 10	VV090 40 33	CIVI44FIN	1415	019	221
HeH   S240				civ		FI		N30 16 36	W081 48 32	EM90CG	1526	948	180
HEI													
HeK						0							
HeM   140						SC							
Math   Math									E025 29 28				
HeR   40.4   40.5   4	HEM	233.0	1020		Sparta/Huchn	TN	USA	N35 59 48				634	213
HeR   410.0	HEN	433.5	400	enr	Henton		G	N51 45 35	W000 47 25	IO910S	5664	3519	52
Hers	HEQ	404.0	1020		Holyoke/Heginbotham	CO	USA	N40 34 53	W102 16 53	DN80UN	1913	1189	267
HEST   102	HER	410.0			Santo Domingo/Herrera		DOM	N18 28 03	W069 58 13	FK58AL	2956	1837	160
Heff   267.0   1020	HER	431.0		joi	Heraklion/Nikos Kazantzakis		GRC	N35 20 03	E025 10 41	KM25OI	8402	5221	55
HET	HES	412.0			UNID		?						
HEU         356.0         1020         civ         Schenectady/Hunter/Glenville         NY         USA         N42 511.1         W073 56 03         RN32AU         462         287         103           HF         241.0         400         civ         Hearst/Rene Fontaine         ON         CAN         N44 900         W083 43 31         EN8BOD         719         447         335           HF         244.0         civ         Hardroft/Lomis         CT         USA         N41 38 08         W072 373 2         FN31QP         613         331         12           HFA         358.0         io         Iolafa/L/L Michaeli         ISR         N32 84 856         603 03 48         KM72MT         923         578         50           HFF         278.0         1020         mil         Camp Mackall (Army)         NC         USA         N35 014         W079 92 08         RM05GB         985         612         180           HFY         388.0         1020         mil         Hohenfels         D         NS         N35 014         W070 92 08         RM05GB         985         612         180           HFY         388.0         1020         Iologuin         M1         USA         N39 93 58					•	OK							
HF         241.0         400 civ         Hearst/Rene Fontaine         ON         CAN         494 9 0 00         W083 43 31         EN89DQ         719         447         335           HF         244.0         civ         Hartford/Lomis         CT         USA         N41 38 08         W0702 37 32         FN81QP         6613         381         112           HF         358.0         civ         UNOCAL Helder A         IW         N52 55 17         E004 05 54         JO22BW         5910         3672         49           HFA         338.0         1020         mil         Camp Mackall (Army)         NC         USA         N35 01 40         W0707 290         KM72MT         925         612         180           HFY         286.0         1020         mil         Hohlguin         CUB         USA         N39 37 58         W086 05 27         EM05GM         985         612         180           HFY         389.0         1020         Holiguin         Wuhan         CUB         N30 55 30         E114 211         M75WF         6586         4092         32           HG         254.0         400         Hualing         Youngal         7         CUB         N30 55 30         E114 211													
HF         244.0         C iv Imford/Lomis         CT Importance of the color of the					· · · · · · · · · · · · · · · · · · ·								
HF         358.0         jw         IWOCAL Helder A         JW         182 517         C004 05 54         JO22BW         5910         3672         49           HFA         323.0         joi         Haffa/U. Michaeli         ISR         N32 48 56         6035 03 49         KM7ZMT         9234         5738         50           HFF         278.0         100         mil         Hohenfels         D         N49 13 00         E011 51 34         JN59WF         6586         612         18           HFY         398.0         200         Indianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM69WP         727         451         232           HG         220.0         Unidianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM69WP         727         451         232           HG         220.0         Wuhan         CCH         N30 55 30         E11 0US         2581         160         173         490         2581         160         173         490         277         451         49           HG         254.0         UNID         27         450         590         49         29         20         2			400										
HFA         323.0         joint         Initial/U. Michaeli         ISR         N32 48 56         C035 03 49         KM72MT         9234         578         50           HFF         278.0         1020         mil         Camp Mackall (Army)         NC         USA         N35 01 40         W078 29 08         FM05GA         985         612         180           HFY         286.0         1020         mil         Hohenfels         D         N49 13 06         E011 51 34         MS9WF         686         4092         50           HFY         398.0         1020         Indianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM66WP         727         451         232         HG         220.0         L         Hologuin         CUB         NDC         NDR         N35 530         E11 12         MGPWF         277         451         378         458         458         461         470         470         451						CI							
HFF         278.0         1020         mil         Camp Mackall (Army)         NC         USA         N35 01 40         W079 29 08         FM05 GA         985         612         180           HFX         286.0         mil         Hohenfels         D         N49 130         E011 51 34         JN59WF         6586         4092         50           HFY         398.0         1020         Indianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM66WP         72         45 0         232           HG         220.0         Holguin         CUB         N20 46 14         W076 19 55         FL10US         2581         160         172         46         172         46         172         460 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>													
HFX         286.0         mill Hohenfels         D         N49 13 06         E011 51 34         JN59WF         6586         4092         50           HFY         398.0         1020         Indianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM69WP         727         451         232           HG         225.0         Holguin         CUB         N20 46 14         W076 19 55         FL10US         2581         160         173           HG         317.0         400         mill Trondheim/Værnes/Hegra         NDR         N63 27 32         E011 04 32         JP53ML         578         3595         3595         348         HG         335.0         E014 05 30         L1819         734         598         HG         434.0         L1819         734         459         HG         434.0         L1819         734         459         458         458         458         459         458			1020	-		NC.							
HFY         398.0         1020         Indianapolis/Greenwood         IN         USA         N39 37 58         W086 05 27         EM69WP         727         451         232           HG         220.0         Loguin         CUB         N20 46 14         W076 19 55         FL10US         2581         1604         173           HG         254.0         Wuhan         CHN         N30 55 30         E114 21 12         OM70EW         11602         7209         348           HG         317.0         400         mill         Trondheim/Værnes/Hegra         NOR         863 27 32         E011 04 32         JP53ML         5786         3595         35           HG         332.0         UNID         7         CH         SOM         N09 29 02         E044 05 09         LJ29BL         11819         7344         59           HG         434.0         UNID         7         2         CH         50         50         11819         6734         4208         46           HG         455.0         1020         Worldwi/Strachowice         POL         N51 04 57         E016 57 06         J081LB         6773         4208         46           HG         255.0         1020         <			1020			.,,							
HG         220.0         Holguin         CUB         N20 46 14         W076 19 55         FL10US         2581         1604         73           HG         254.0         Wuhan         CHN         N30 55 30         E114 21 12         OM70EW         11602         7209         348           HG         317.0         400         mil         Trondheim/Værnes/Hegra         NOR         N63 27 32         E011 04 32         JP53ML         5786         3595         358           HG         326.0         UNID         2         LJ29BL         11819         7344         59           HG         486.0         UNID         2         LJ29BL         11819         7344         59           HG         486.0         UNID         2         LJ29BL         11819         7344         40           HG         486.0         UNID         2         V         V         V         75         0         JO17CD         5607         3484         44           HG         525.0         1020         iw         Berge Hugin/Pierce Production Co Ltd         W         N57 09 58         E002 13 54         JO17CD         5607         3484         44           HGT         209.0 <th></th> <th></th> <th>1020</th> <th></th> <th></th> <th>IN</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			1020			IN							
HG         254.0         Undan         CHN         N30 55 30         E114 21 12         OM70EW         11602         7209         348           HG         317.0         400         mil         Trondheim/Værnes/Hegra         NOR         N63 27 32         E011 04 32         JP53ML         5786         3595         35           HG         326.0         Civ         Hargeisa         SOM         N09 29 02         E044 05 09         LJ29BL         11819         7344         59           HG         434.0         UNID         ?         C         C         C         C         H         486         486         Morclaw/Strachowice         POL         N51 04 57         E016 57 06         JO81LB         6773         4208         46         486         44					•								
HG         326.0         civ         Hargeisa         SOM         N09 29 02         E044 05 09         LJ29BL         11819         7344         59           HG         434.0         UNID         ?         C	HG	254.0			_		CHN	N30 55 30	E114 21 12	OM70EW		7209	348
HG         434.0         UNID         ?           HG         486.0         UNID         ?           HG         486.0         UNID         ?           HG         525.0         1020         civ         Wroclaw/Strachowice         POL         N51 04 57         E016 57 06         JO81LB         6773         4208         46           HGN         315.0         iw         Berge Hugin/Pierce Production Co Ltd         IW         N57 09 58         E002 13 54         JO17CD         5607         3484         44           HGT         209.0         1020         mil         Hunter Liggett/Fort Hunter (Army)         CA         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Huahine         CCE         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Usa         N45 51 28         W151 01 47         BH43LH         9875         6136         246           HHG         417.0         1020         civ         Luntinington         TX         USA         N35 51 20         W105 22         EN70GU	HG	317.0	400	mil	Trondheim/Værnes/Hegra		NOR	N63 27 32	E011 04 32	JP53ML	5786	3595	35
HG         486.0         UNID         ?           HG         525.0         1020         civ         Wroclaw/Strachowice         POL         N51 04 57         E016 57 06         JO81 LB         6773         4208         46           HGN         315.0         iw         Berge Hugin/Pierce Production Co Ltd         IW         N57 09 58         E002 13 54         JO17CD         5607         3484         44           HGT         209.0         1020         mil         Hunter Liggett/Fort Hunter (Army)         CA         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Huahine         OCE         S16 41 28         W151 01 47         BH43LH         9875         6136         246           HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Huntington         TX         USA         N40 51 20         W085 27 52         EN7GU         599         372         238           HHH         359.0         1020 <th>HG</th> <th>326.0</th> <th></th> <th>civ</th> <th>Hargeisa</th> <th></th> <th>SOM</th> <th>N09 29 02</th> <th>E044 05 09</th> <th>LJ29BL</th> <th>11819</th> <th>7344</th> <th>59</th>	HG	326.0		civ	Hargeisa		SOM	N09 29 02	E044 05 09	LJ29BL	11819	7344	59
HG         525.0         1020         civ         Wroclaw/Strachowice         POL         N51 04 57         E016 57 06         JO81LB         6773         4208         46           HGN         315.0         iw         Berge Hugin/Pierce Production Co Ltd         IW         N57 09 58         E002 13 54         JO17CD         5607         3484         44           HGT         209.0         1020         mil         Hunter Liggett/Fort Hunter (Army)         CA         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Huahine         OCE         \$16 41 28         W151 01 47         BH43LH         9875         6136         246           HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Huntington         TX         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA <th>HG</th> <th>434.0</th> <th></th> <th></th> <th></th> <th></th> <th>?</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	HG	434.0					?						
HGN         315.0         iw         Berge Hugin/Pierce Production Co Ltd         IW         N57 09 58         E002 13 54         JO17CD         5607         3484         44           HGT         209.0         1020         mil         Hunter Liggett/Fort Hunter (Army)         CA         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Huahine         OCE         S16 41 28         W151 01 47         BH43LH         9875         6136         246           HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Huntington         IN         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         373.0         1020         civ         Devine         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHM         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>?</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							?						
HGT         209.0         1020         mil         Hunter Liggett/Fort Hunter (Army)         CA         USA         N35 57 40         W121 11 21         CM95JX         3633         2258         271           HH         345.0         0         Huahine         OCE         \$16 41 28         W151 01 47         BH43LH         9875         6136         246           HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Canadian/Hemphill County         TX         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         359.0         1020         civ         Huntington         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHW         360.0         Enbo         HEND         BRM			1020	civ			POL						
HH         345.0         0         Huahine         OCE         \$16 41 28         W151 01 47         BH43LH         9875         6136         246           HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Huntington         IN         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         359.0         1020         civ         Devine         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N66 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR													
HHF         400.0         1020         civ         Canadian/Hemphill County         TX         USA         N35 53 28         W100 24 20         DM95TV         1992         1238         251           HHG         417.0         1020         civ         Huntington         IN         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         359.0         1020         civ         Devine         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N66 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHW         323.0         1020         Port au Prince         HI         N18 34 38         W072 17 12         FK3				mil	, ,,	CA							
HHG         417.0         1020         civ         Huntington         IN         USA         N40 51 20         W085 27 52         EN70GU         599         372         238           HHH         359.0         1020         civ         Devine         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N66 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHW         323.0         1020         Port au Prince         HTI         N18 34 38         W072 17 12         FK38UN         2866         1794         164           HHW         346.0         1020         civ         Savannah/Pinhook         TN         USA         N35 15 14         W088 12 15         EM24FA <th></th> <th></th> <th></th> <th></th> <th></th> <th>TV</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						TV							
HHH         359.0         1020         civ         Devine         TX         USA         N29 08 08         W098 56 30         EL09MD         2382         1480         233           HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N26 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHP         270.0         1020         Port au Prince         HTI         N18 34 38         W072 17 12         FK38UN         2886         1794         164           HHW         323.0         1020         Hugo         OK         USA         N34 02 23         W095 32 22         EM24FA         1767         1098         237           HHY         346.0         1020         civ         Savannah/Pinhook         TN         USA         N35 15 14         W088 12 15         EM55VG         1217													
HHI         373.0         1020         mil         Wheeler/Wahiawa (Army)         HI         USA         N21 28 40         W158 02 01         BL01XL         7490         4654         279           HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N66 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHP         270.0         1020         Port au Prince         HTI         N18 34 38         W072 17 12         FK38UN         2886         1794         164           HHW         323.0         1020         Hugo         OK         USA         N34 02 23         W095 32 22         EM24FA         1767         1098         237           HHY         346.0         1020         civ         Savannah/Pinhook         TN         USA         N35 15 14         W088 12 15         EM55VG         1217         756         221					<del>-</del>								
HHM         356.0         civ         Kotzebue/Hotham         AK         USA         N66 54 04         W162 33 52         AP86RV         5330         3312         328           HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHP         270.0         1020         Port au Prince         HTI         N18 34 38         W072 17 12         FK38UN         2886         1794         164           HHW         323.0         1020         Hugo         OK         USA         N34 02 23         W095 32 22         EM24FA         1767         1098         237           HHY         346.0         1020         civ         Savannah/Pinhook         TN         USA         N35 15 14         W088 12 15         EM55VG         1217         756         221													
HHO         360.0         Heho         BRM         N20 44 34         E096 47 35         NL80JR         12837         7977         4           HHP         270.0         1020         Port au Prince         HTI         N18 34 38         W072 17 12         FK38UN         2886         1794         164           HHW         323.0         1020         Hugo         OK         USA         N34 02 23         W095 32 22         EM24FA         1767         1098         237           HHY         346.0         1020         civ         Savannah/Pinhook         TN         USA         N35 15 14         W088 12 15         EM55VG         1217         756         221			1020		, , ,								
HHP       270.0       1020       Port au Prince       HTI       N18 34 38       W072 17 12       FK38UN       2886       1794       164         HHW       323.0       1020       Hugo       OK       USA       N34 02 23       W095 32 22       EM24FA       1767       1098       237         HHY       346.0       1020       civ       Savannah/Pinhook       TN       USA       N35 15 14       W088 12 15       EM55VG       1217       756       221				OIV		, u v							
HHW       323.0       1020       Hugo       OK       USA       N34 02 23       W095 32 22       EM24FA       1767       1098       237         HHY       346.0       1020       civ       Savannah/Pinhook       TN       USA       N35 15 14       W088 12 15       EM55VG       1217       756       221			1020										
HHY 346.0 1020 civ Savannah/Pinhook TN USA N35 15 14 W088 12 15 EM55VG 1217 756 221						OK							
				civ	•								
						OR				CN85LP			

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
HI	361.0	400	civ	Holman Island	NT		N70 45 44	W117 47 24	DQ10CS	3651	2269	338
HI	456.0	1020		UNID		?						
HI	469.0		civ	Novy		RUS	N48 34 06	E135 14 42	PN78ON	9217	5727	338
HIC	320.0			Chiclayo		PRU	S06 46 46	W079 49 47	FI03CF	5612	3487	181
HID	356.0			Horn Island		AUS	S10 35 31	E142 17 33	QH19DJ	14570	9053	300
HIG	318.0	1020	civ	Bremen		D	N53 02 58	E008 54 32	JO43KB	6189	3846	47
HIG	328.0	1020	civ	San Sebastián		Ε	N43 23 11	W001 47 45	IN93CJ	6018	3739	61
HIJ	220.0			San Isidro		DOM	N18 30 53	W069 45 55	FK58CM	2957	1837	159
HIL	338.0	1020		Great Bend/Hilyn	KS	USA	N38 21 33	W098 54 11	EM08NI	1740	1081	256
HIN	275.0	1020	civ	Chadron/Whitney	NE	USA	N42 49 44	W103 05 37	DN82KT	1913	1189	275
HIO	299.0		civ			GRC	N38 20 23	E026 08 31	KM38BI	8233	5116	52
HIT	360.0	1020		Sandersville/Kaolin Field	GA		N33 01 01	W082 56 22	EM83MA	1245	774	195
HIV	400.0			Punta Caucedo			N18 26 49	W069 40 07	FK58DK	2967	1844	159
HIX	356.0			Hopkinsville/Honey Grove	KY		N36 52 42		EM66HV	1026	638	223
HJ	319.0			Akureyri/Hjalteyri		ISL	N65 51 06		IP05VU	4376	2719	35
HJ	425.0	4000	civ	Mamadysh			N55 44 00		LO55QR	8039	4996	27
HJH	323.0	1020	CIV	Hebron	NE		N40 09 01		EN10ED	1555	966	261
HJM	415.0	1020	<b>_:</b>	Bonham/Rayburn	TX		N33 36 50	W096 10 34	EM13VO	1842	1144	237
HK	275.0			Athens Central			N37 49 06	E023 46 23 E142 01 57	KM17VT	8121	5046	54
HK HK	303.5 310.0		mai	Kholmsk Hokitika			S42 43 46	E142 01 57 E170 57 22	QN17AA RE57LG	9141 14486	5680 9001	333 246
HK	318.5		mar	Kholmsk			N47 01 52	E142 01 57	QN17AA	9141	5680	333
HK	332.0	1020		Chicago/Ermin	IL		N41 43 08	W087 50 11	EN61BR	726	451	253
HK	332.0	1020	CIV	Hickory/Tawba	NC		N35 47 12		EM95IS	914	568	191
HK	366.0	1020	enr	Holmavik		ISL	N65 38 37	W021 28 25	HP95GP	4224	2625	35
HK	386.0	400		Hasvik			N70 29 23	E022 07 57	KQ10BL	5883	3656	24
HK	390.0			Kagoshima		J	N31 38 41		PM51GP	11103	6899	334
HK	470.0		enr	Nurata		UZB	N40 34 00	E065 42 00	MN20UN	10022	6228	26
HKF	239.0	1020		Middletown/Hook	ОН	USA	N39 29 56	W084 26 51	EM79SL	641	398	222
HKG	338.0			Cape d'Aguilar		HKG	N22 12 53	E114 15 00	OL72DF	12553	7800	346
HKI	511.0	0	enr	Hassi Khebi		ALG	N29 11 00	W005 16 00	IL79IE	6615	4111	77
HKN	251.0	1020		Hoskins		PNG	S05 27 33	E150 24 51	QI54EM	13560	8426	297
HL	212.0		civ	Wheeling/Dorch	WV	USA	N40 06 35	W080 41 19	EN90PC	433	269	194
HL	255.0			Hommalinn			N24 53 41	E094 54 48	NL74KV	12366	7684	6
HL	258.5	400	civ	Svolvær/Helle			N68 14 15		JP78HF	5725	3557	28
HL	304.0			Namha			N20 23 18	E106 07 17	OL30BJ	12864	7993	354
HL	345.0	1020	CÍV	Vestmannaeyjar/Helgafell		ISL	N63 25 27		HP93UK	4265	2650	38
HL	347.0			Dongshan				E119 47 42	ON99VF	9520	5916	348
HL	362.0			Houlung				E120 46 27	PL04JP	12141	7544	
HL HL	375.0 378.0			Hluhluwe				E032 16 24 E170 09 43	KG61DX RE54BB	13799 14697	8574 9132	98
HL	400.0			Henley UNID		?	343 30 43	E170 09 43	KE04DD	14097	9132	242
HL	780.0		enr	Ust-Tsilma			N65 24 00	E052 12 00	LP65CJ	7190	4468	20
HLB	254.0	1020		Batesville	IN		N39 20 59		EM79II	699		226
HLC	266.0	1020	0.0	Halls Creek				E127 39 59	PH31TS	16203	10068	
HLE	220.0	1020	civ	Hailey	ID			W114 14 33	DN23VH	2788	1732	
HLM	233.0			Holland	MI			W086 09 28	EN62WT	557		260
HLM	271.0	1020		UNID		?						
HLR	347.0		mil	Killeen/Fort Hood/ Army	TX		N31 07 45	W097 42 41	EM11DD	2139	1329	235
HLV	448.0	1020	civ	Holešov		CZE	N49 19 22	E017 31 42	JN89SH	6919	4300	47
HLX	269.0	1020		Galax/Hillsville	VA	USA	N36 45 44	W080 49 19	EM96OS	801	497	189
НМ	221.0	400	civ	Hamilton	ON	CAN	N43 07 16	W080 00 24	EN93XC	97	60	208
НМ	337.0			Haneda		J	N35 33 32	E139 45 16	PM95VN	10357	6435	329
HM	350.0		civ	Khatanga				E102 30 00	OQ11GW	7154	4446	359
НМ	383.0			Hamilton Island				E148 56 57	QG49LP	14857	9232	
НМ	420.0		civ	Budapest/Ferihegy		HNG	N47 24 20	E019 17 26	JN97PJ	7152	4444	48

MM	Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
HMB	НМ	1165.0			Khmelnytskyi		UKR	N49 21 00	E026 56 00	KN39LI	7452	4630	43
HMB	HMA	288.0		pri	Haima		OMA	N19 58 12	E056 16 42	LK89DX	11625	7223	43
HMD	HMA	329.0	1020	civ	Hondo	TX	USA	N29 22 24	W099 10 19	EL09JI	2377	1477	234
HMM	HMB	432.0	0	enr	Hammam Bou Hadjar for Oran		ALG	N35 21 47	W000 58 08	IM95MI	6550	4070	69
MMM	HMD	390.0		civ	Hassi Messaouad/Oued Irara		ALG	N31 38 56	E006 08 18	JM31BP	7326	4552	69
HMM	HMJ	281.0			Homer	IL	USA	N40 01 35	W087 57 11	EN60AA	824	512	242
HMM	HML	203.0	400		Hamilton		AUS	S37 38 57	E142 03 28	QF12AI	16487	10245	
HMY	HMM		1020	civ	Hamilton	MT	USA	N46 15 25					
N	HMQ	212.0	1020		Homer	LA	USA	N32 47 25	W093 00 03	EM32LS	1705	1059	
HN         242.0         Use Him         HIM         14.2         3.2         6.0         6.0         1.0         2.0         6.0         1.0         2.0         6.0         1.0         2.0         2.0         1.0         1.0         2.0         3.0         4.0         4.0         2.0 <th< th=""><th>HMY</th><th></th><th>1020</th><th></th><th>Lexington/Muldrow</th><th>OK</th><th></th><th></th><th></th><th>EM15JA</th><th></th><th></th><th>243</th></th<>	HMY		1020		Lexington/Muldrow	OK				EM15JA			243
N													
N													
HN         294 0         cv         Alhens Central         GRC         N3 75 2 01         E023 44 43 8         MMT/UU         811 6 5048 585         537 84           HN         344 0         1020         mill         Hohn         D         N54 19 35         E009 40 13         JO4UH         6164 3830         450           HN         344 0         1020         mill         Hohn         D         N54 19 35         E009 40 13         JO4UH         6164 3830         45           HN         3960         400         CV Fortal-Voldal-Hovden         NCR         98 48         E1000 101         13722AD         5602         2481 37           HN         3960         400         CV Sefta-Voldal-Hovden         NCR         98 8         E175 19 51         R72PD         1389         80-24         92-14           HN         418.0         UNID         7         Hmillion         2         F72PD         1389         4614 39         34-14           HN         1505         400°         rich Khoyniki         BL         N51 52 00         E029 58 00         KO41XU         742-5         4614 39           HNS         245.0         1020         rich Haris         440         400         400													
N			1020		· · · · · · · · · · · · · · · · · · ·	OK							
HN         344         102         III         Hohn         D         NS 1935         E009 40 13         JO44UH         6164         3830         480         civ         Honiara         SLM         S09 2506         E003 12         RIONA         13159         285           HN         389.0         400         civ         Ørsta-Volda/Hovden         NCR         N82 09 84         E006 01 18         J932AD         5602         3431         37           HN         390.0         L         Hamilton         NZ         S375 38         E175 19 51         RFZPD         1388         8635         249           HN         418.0         UNID         7         N         1418         LV         UNID         7         N         4614         39           HNO         371.0         1020         Harlan         1A         USA         N32 11 17         W094 51 40         EMZHE         1828         4813         22         4614         39           HNS         346.0         1020         Harlan         A         USA         N91 24 40         400         1824         400         1822         401         401         402         401         341         35         401													
N					-								
NOR   NoR   1962   1968   1972   1972   1989   19			1020										
NA													
NA			400	civ									
No.   18.0   18.0								S37 51 38	E175 19 51	RF72PD	13898	8636	249
HN         1055.0         400*         er         Kryonjiki         BLR         N51 52 00         C029 58 00         KO41XU         7425         4614         39         1162         231         4108         317.0         2020         Hardenderson         TX         USA         N32 11 17         C0995 50 20         EN21HU         1324         82         224           HNS         245.0         1020         Harlan         IA         USA         N59 12 44         V135 25 51         C029GF         4089         2541         316         188         189         124         W135 25 51         C029GF         4089         2541         316         188         188         0         40         HING         336.0         40         HING         341         418         88         89 12 44         W135 25 51         C029GF         4089         2541         318         80         418         809 82 12         418         6051         358         341         38         400         400         400         418         808 82         400         905 20 42         418         835         34         40         400         400         400         400         400         400         400         400													
HNO							-						
HNR         272.0         1020         Harlan         IA         USA         N41 34 45         W095 20 26         EN21 HIN         1324         823         264           HNS         245.0         1020         62         Halnies         AK         USA         N591 24         W135 2551         CO29GF         4089         2541         315           HNS         384.0         400         civ         Sandane/Anda/Høynes         NOR         NGR 154 39         E005 42 38         JP21UV         5597         3478         38           HNU         432.0         1020         mill Hanau         D         N50 094 5         6009 09 15         JO40ND         6365         3595         50           HNW         364.0         102         mill Hanau         D         N50 094 5         600 90 915         JO40ND         6365         3595         50           HO         315.0         Lo         Huron/Beady         SD         USA         M44 26 38         W098 20 12         EN4TK         1506         3359         40           HO         315.0         Lo         Huron/Beady         Lux         K11 Lux         K12 Lux         K14 Lux         K14 Lux         K14 Lux         K14 Lux         K1					•								
HNS         245.0         1020         c         Halinojos del Duque         AK         USA         NS9 1 2 44         W135 25 51         CO29GF         4089         2541         316         68           HNS         384.0         400         civ         Sandane/Anda/Høynes         NOR         RNS 164 39         6005 4238         JP21UV         5597         3478         388           HNW         384.0         100         civ         Annoca/North/West Hutton         IV         N61 06 22         E001 827         JP01PC         5400         3955         50           HWW         384.0         100         civ         Hunor/Neady         PM         WAL         513 14 26         E000 90 15         JO40ND         6365         3955         50           HO         335.0         100         Manco/North/West Hutton         IV         N61 05 25         E001 1812         JP01VC         5400         3957         537         F0         N6         335         40         40         315.0         F0         M80 08         2012         M16         449         40         40         375.0         40         40         40         40         40         40         40         40         40 <t< th=""><th></th><th></th><th></th><th>CIV</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>				CIV									
HNS         346.0         Hinojosa del Duque         E         N38 30 37         W005 06 40         MT8KM         6051         3760         68           HNS         384.0         do         civ         Sandane/Anda/Haynes         D         N670         N61 50         39         600 40         30         10/2         5597         3478         38           HNW         364.0         iw         Amoco/North West Hutton         D         N5 09 94 6         E009 09 15         JO40ND         5365         50           HO         302.0         1020         iw         Amoco/North West Hutton         W         N8 10 62 2         E001 18 27         P01PC         5406         3359         40           HO         315.0         102         Ivunor/Seady         D         ML         N4 25 53 2         E004 09 02         12 EN04TK         1508         337 279         40           HO         375.0         40         Hopedale         NL         CHN         N55 27 27         600 12 30         F05VK         1881         119 40         40           HO         380.0         102         civ Hopedale         NL         CHN         N55 27 27         6000 12 30         F05VK         1881         119 4													
HNS         384.0         400         civ         Sandane/Anda/Høynes         NOR         R61 54 39         C005 42 38         JP21UV         5597         3478         388           HNU         432.0         1020         mil         Hanau         D         N50 09 45         E009 09 15         JO40ND         6365         3955         50           HNW         362.0         1020         div         Amoco/North West Hutton         IW         N61 06 22         E001 18 27         JP01PC         5406         3359         40           HO         315.0         102         div         Huron/Beady         SD         USA         N44 26 38         W098 20 12         EN04TK         1508         3937         279           HO         315.0         2         Wallis         WAL         S13 14 26         H071 15 1         AH16VS         1156         7181         265           HO         375.0         2         Changwu         CHN         NS5 12 06         E107 46 24         CM35VE         11215         6968         354           HO         375.0         4         109 dale         N         CAN         NS5 27 27         W60 12 33         F095VK         1881         1169         40 <th></th> <th></th> <th>1020</th> <th>CIV</th> <th></th> <th>AK</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			1020	CIV		AK							
HNU         432.0         1020         mill         Hanau         D         50         95.0         99.0         1040ND         6365         395.5         50           HNW         364.0         iv         Amoco/North West Hutton         IW         N61 06 22         2001 18 27         JPOIPC         5406         335.9         40           HO         315.0         USD         VAL         813 14 26         W176 11 51         AH16VS         1156         7181         265           HO         358.0         iv         UNCAL Horn A         IW         R52 532         E004 09 02         JO22BW         5913         3674         49           HO         375.0         TW         Changwu         CHN         KS 27 27         W060 12 33         F095VK         1881 11169         40           HO         378.0         400         civ         Colmar/Houssen         F         N48 08 00         E07 22 00         JM380D         639         957 53         AN           HOC         278.0         1020         civ         Hold-Springs/Hossy         AR         USA         N39 1105         6003 23         EM34D         1582         983         235           HOC         278.0			400										
HNW         364.0         iv         Amoco/North West Hutton         IW         861 06 22         E001 18 27         JPO1PC         5406         359.9         40           HO         302.0         1020         civ         Huron/Beady         SD         USA         813 14 26         W098 20 12         ENOHTK         1508         937         279           HO         315.0         iv         Wallis         Wallis         WAL         813 14 26         W176 11 51         H16VS         1155         7181         265           HO         375.0         Iv         WINCCAL Hoorn A         IP         NS5 27 52         E004 09 02         JO22BW         5913         3674         49           HO         375.0         400         Hopedale         N         CAIN         NS5 27 27         W606 12 33         5095VK         1881         1169         40           HO         385.0         1020         iv         Hotograf/Houssen         AR         USA         N35 12 00         E074 624         M085W         11215         6968         354           HO         385.0         1020         iv         Hotograf/Houssen         AR         USA         N31 020         6000 1230         M083 N					•								
HO         302.0         1020         civ         Huron/Beady         SD         USA         N44 26 38         W098 20 12         EN04TK         1508         937         279           HO         315.0         c         Vallis         WAL         S13 14 26         W176 11 51         AH16VS         11560         7181         268           HO         375.0         iw         UNOCAL Horn A         III         N52 53         200 6000         2022BW         5913         3674         49           HO         375.0         400         Hopedale         NL         CAN         N52 727         W060 12 33         F095VK         1881         1169         40           HO         380.0         1020         civ         Colmar/Houssen         R         USA         N34 25 22         W093 11 23         EM95UB         488         233           HOC         278.0         1020         civ         Holisoro         OH         USA         N391 105         W083 32 35         EM89FE         624         388         215           HOC         278.0         1020         civ         Homerville         GA         USA         N310 32 0         W083 12 35         EM89FE         624         388			1020										
HO         315.0         Wallis         Wallis         WB         \$13.14         26         W176 11         B116VS         11556         7181         265           HO         358.0         iw         UNOCAL Hoorn A         IW         N52 55 32         E004 09 02         JO22BW         5913         3674         49           HO         375.0         Changwu         CHN         N35 12 06         E107 46 24         OM35VE         11215         698         354           HO         378.0         400         Hopedale         NL         CAN         N55 27 27         W060 12 33         F095VK         1881         1169         40           HO         380.0         1020         civ         Holpedale         NL         CAN         N35 27 27         W060 12 33         F095VK         1881         1169         40           HO         380.0         1020         civ         Holpedale         AR         USA         N34 25 22         W093 11 23         EMS4JKK         1582         933         233           HOC         200.0         1020         civ         Homerville         GA         USA         N39 11 05         W082 46 20         EMB4JKK         1582         993			1000			CD							
HO         358.0         iw         UNOCAL Horn A         IW         N52 55 32         E004 09 02         JO22BW         5913         3674         49           HO         375.0         Changwu         CHN         N52 52 72 77         0060 12 33         F095VK         11215         6968         354           HO         378.0         400         civ         Colmar/Houssen         F         N48 08 00         E07 22 00         JN38QD         6369         3957         53           HO         385.0         102         civ         Holt Springs/Hossy         AR         USA         N34 25 22         W093 11 23         EM34JK         1582         983         233           HOC         278.0         1020         civ         Homerville         GA         USA         N34 10 32         W083 32 35         EM89FE         624         388         215           HOE         290.0         1020         civ         Homerville         GA         USA         N31 10 32         W082 46 20         EM819FE         624         388         215           HOE         490.0         1020         civ         Homerville         GA         USA         N31 03 20         W082 40         904         494 <th></th> <th></th> <th>1020</th> <th>CIV</th> <th>•</th> <th>SD</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			1020	CIV	•	SD							
HO         375.0				isar									
HO         378.0         400         Lopedale         NL         CAN         N55 27 27         W060 12 33         FO95VK         1881         1169         40           HO         380.0         0         civ         Colmar/Houssen         F         N48 08 00         E007 22 00         JN38QD         6369         3957         53           HO         385.0         1020         civ         Hot Springs/Hossy         AR         USA         N34 25 22         W093 11 23         EM34UK         1562         983         233           HOE         209.0         1020         civ         Horror         GA         USA         N31 103         W083 32 35         EM89FE         624         388         215           HOE         209.0         1020         civ         Horror         GA         USA         N31 03 20         W082 46 20         EM810B         1455         904         493           HOF         484.0         1020         civ         Hof         BO         N50 17 05         E011 45 41         JO50VG         6516         4049         49           HOL         315.0         0         mill         Villacoublay/Vélizy         F         N48 43 50         E001 49 14 <th< th=""><th></th><th></th><th></th><th>IVV</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>				IVV									
HO   380.0   0   0   0   0   0   0   0   0   0			400		-	NII							
HO         385.0         1020         civ         Hot Springs/Hossy         AR         USA         N34 25 22         W093 11 23         EM34JK         1582         983         233           HOC         278.0         1020         civ         Hillsboro         OH         USA         N39 11 05         W083 32 35         EM89FE         624         388         215           HOE         290.0         1020         civ         Homerville         GA         USA         N31 03 20         W082 46 20         EM810B         1455         904         193           HOF         484.0         1020         civ         Hof         D         N50 17 05         E011 45 41         JOSOVG         6516         4049         49           HON         397.0         civ         Hof         LBY         N29 08 00         E011 45 70         JU79XD         829         3715         54           HON         397.0         civ         Hon         LBY         N29 08 00         E015 57 00         JU79XD         8229         3715         54           HOO         398.0         L         Ho         Hor         Ho         N38 19 51         E130 38 14         PH51HQ         16024         957				civ	•	INL							
HOC         278.0         1020         civ         Hillsboro         OH         USA         N39 11 05         W083 32 35         EM89FE         624         388         215           HOE         209.0         1020         civ         Homerville         GA         USA         N31 03 20         W082 46 20         EM810B         1455         904         493           HOF         484.0         1020         civ         Hof         D         N50 17 05         E011 45 41         JO50VG         6516         4049         49           HOL         315.0         0         mill         Villacoublay/Vélizy         F         F         N48 43 50         E001 49 14         JN08VR         5979         3715         54           HOO         398.0						ΔR							
HOE         209.0         1020         civ         Homerville         GA         USA         N31 03 20         W082 46 20         EM810B         1455         904         193           HOF         484.0         1020         civ         Hof         D         N50 17 05         E011 45 41         JO50VG         6516         4049         49           HOL         315.0         0         mil         Villacoublay/Vélizy         F         N48 43 50         E001 49 14         JN08VR         5979         3715         54           HON         397.0         civ         Hon         LBY         N29 08 00         E015 57 00         JL79XD         8229         5113         65           HOO         398.0         Horcones         CIR         N29 57 38         W084 17 37         PH51HQ         16024         9957         306           HOR         260.0         1020         Horcones         CIR         N09 57 38         W084 17 37         EJ79UX         3790         2353         189           HOZ         406.0         1020         mil Holzdorf         LB         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP													
HOF         484.0         1020         6.0         Hof         D         N50 17 05         E011 45 41         JO50VG         6516         4049         494           HOL         315.0         0         mil         Villacoublay/Vélizy         F         N48 43 50         E001 49 14         JN08VR         5979         3715         54           HON         397.0         civ         Hon         LBY         N29 08 00         E015 57 00         JL79XD         8229         5113         65           HOO         398.0													
HOL         315.0         0         mil         Villacoublay/Vélizy         F         N48 43 50         E001 49 14         JN08VR         5979         3715         54           HON         397.0         civ         Hon         LBY         N29 08 00         E015 57 00         JL79XD         8229         5113         65           HOO         398.0         Hor         Hooker Creek         AUS         S18 19 51         E130 38 14         PH51HQ         16024         9957         306           HOR         260.0         1020         Horcones         CTR         N09 57 38         W084 17 37         EJ79UX         3790         2355         189           HOT         353.0         1020         Higuerote         CTR         N09 57 38         W084 17 37         EJ79UX         3790         2355         189           HOZ         406.0         1020         Higuerote         VEN         N10 28 00         W066 05 44         FK60WL         3923         2437         157           HOZ         406.0         1020         mill         Holzdorf         D         N51 46 11         E013 05 51         JO61NS         6507         4043         47           HP         212.0         1020						0/1							
HON         397.0         civ         Hon         LBY         N29 08 00         E015 57 00         JL79XD         8229         5113         65           HOO         398.0         E000         Hooker Creek         AUS         \$18 19 51         E130 38 14         PH51HQ         16024         9957         306           HOR         260.0         1020         Horcones         CTR         N09 57 38         W084 17 37         EJ79UX         3790         2355         189           HOT         353.0         1020         Higuerote         VEN         N10 28 00         W066 05 44         FK60WL         3923         2437         157           HOZ         406.0         1020         mil         Holzdorf         D         N51 46 11         E013 05 51         JO61NS         6507         4043         47           HP         212.0         mil         Holzdorf         LA         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP         281.0         1020         civ         White Plains/Hestr         NY         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP													
HOO       398.0       Hooker Creek       AUS       S18 19 51       E130 38 14       PH51HQ       16024       9957       306         HOR       260.0       1020       Horcones       CTR       N09 57 38       W084 17 37       EJ79UX       3790       2355       189         HOT       353.0       1020       Higuerote       VEN       N10 28 00       W066 05 44       FK60WL       3923       2437       157         HOZ       406.0       1020       mill       Holzdorf       D       N51 46 11       E013 05 51       JO61NS       6507       4043       47         HP       212.0       civ       Hammond/Anger       LA       USA       N30 36 23       W090 25 16       EM40SO       1763       1096       217         HP       281.0       1020       civ       Hammond/Anger       LA       USA       N41 08 43       W073 45 59       FN31CD       559       347       121         HP       376.0       400       civ       Esbjerg       DNK       N55 30 41       E008 24 46       JO45EM       6031       3748       44         HPC       376.0       1020       Hope       AR       USA       N33 43 04       W093 38 56			J										
HOR         260.0         1020         Horcones         CTR         N09 57 38         W084 17 37         EJ79UX         3790         2355         189           HOT         353.0         1020         Higuerote         VEN         N10 28 00         W066 05 44         FK60WL         3923         2437         157           HOZ         406.0         1020         mil         Holzdorf         D         N51 46 11         E013 05 51         JO61NS         6507         4043         47           HP         212.0         civ         Hammond/Anger         LA         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP         281.0         1020         civ         White Plains/Hestr         NY         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         376.0         400         civ         Esbjerg         DNK         N55 30 41         E008 24 46         JO45EM         6031         3748         44           HP         395.0         1020         Hope         AR         USA         N33 43 04         W093 38 56         EM33ER         1668         1036         232													
HOT         353.0         1020         Higuerote         VEN         N10 28 00         W066 05 44         FK60WL         3923         2437         157           HOZ         406.0         1020         mil         Holzdorf         D         N51 46 11         E013 05 51         JO61NS         6507         4043         47           HP         212.0         civ         Hammond/Anger         LA         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP         281.0         1020         civ         Hammond/Anger         LA         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         328.0         civ         Hanamaki         J         NS         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         376.0         400         civ         Esbjerg         DNK         N55 30 41         E008 24 46         JO45EM         6031         3748         44           HP         395.0         1020         Hope         AR         USA         N33 43 04         W093 38 56         EM33ER         1668         1			1020										
HOZ         406.0         1020         mil         Holzdorf         D         N51 46 11         E013 05 51         JO61NS         6507         4043         47           HP         212.0         civ         Hammond/Anger         LA         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP         281.0         1020         civ         White Plains/Hestr         NY         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         328.0         civ         Hanamaki         J         NS         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         376.0         400         civ         Esbjerg         DNK         N55 30 41         E008 24 46         JO45EM         6031         3748         44           HP         395.0         civ         Hope         AR         USA         N33 43 04         W093 38 56         EM33ER         1668         1036         232           HPC         375.0         1020         Nucla/Hopkins         CO         USA         N38 14 34         W108 34 00         DM58RF													
HP         212.0         civ         Hammond/Anger         LA         USA         N30 36 23         W090 25 16         EM40SO         1763         1096         217           HP         281.0         1020         civ         White Plains/Hestr         NY         USA         N41 08 43         W073 45 59         FN31CD         559         347         121           HP         328.0         Hanamaki         J         NS9 31 28         E141 09 28         QM09NM         9909         6157         330           HP         376.0         400         civ         Esbjerg         DNK         N55 30 41         E008 24 46         JO45EM         6031         3748         44           HP         395.0         Mica         AFS         S24 09 07         E030 50 04         KG55KU         13425         8342         95           HPC         362.0         1020         Hope         AR         USA         N33 43 04         W093 38 56         EM33ER         1668         1036         232           HPL         375.0         1020         Nucla/Hopkins         CO         USA         N38 14 34         W108 34 00         DM58RF         2512         1561         266           HPY				mil	-								
HP       281.0       1020       civ       White Plains/Hestr       NY       USA       N41 08 43       W073 45 59       FN31CD       559       347       121         HP       328.0						LA							
HP       328.0       Hanamaki       J       N39 31 28       E141 09 28       QM09NM       9909       6157       330         HP       376.0       400       civ       Esbjerg       DNK       N55 30 41       E008 24 46       JO45EM       6031       3748       44         HP       395.0       Mica       AFS       524 09 07       E030 50 04       KG55KU       13425       8342       95         HPC       362.0       1020       Hope       AR       USA       N33 43 04       W093 38 56       EM33ER       1668       1036       232         HPL       375.0       1020       Nucla/Hopkins       CO       USA       N38 14 34       W108 34 00       DM58RF       2512       1561       266         HPY       275.0       1020       civ       Baytown       TX       USA       N29 47 26       W094 57 17       EL29MS       2081       1293       226			1020			NY							
HP       376.0       400       civ       Esbjerg       DNK       N55 30 41       E008 24 46       JO45EM       6031       3748       44         HP       395.0       Mica       AFS       524 09 07       E030 50 04       KG55KU       13425       8342       95         HPC       362.0       1020       Hope       AR       USA       N33 43 04       W093 38 56       EM33ER       1668       1036       232         HPL       375.0       1020       Nucla/Hopkins       CO       USA       N38 14 34       W108 34 00       DM58RF       2512       1561       266         HPY       275.0       1020       civ       Baytown       TX       USA       N29 47 26       W094 57 17       EL29MS       2081       1293       226													
HP       395.0       Mica       AFS       \$24 09 07       E030 50 04       KG55KU       13425       8342       95         HPC       362.0       1020       Hope       AR       USA       N33 43 04       W093 38 56       EM33ER       1668       1036       232         HPL       375.0       1020       Nucla/Hopkins       CO       USA       N38 14 34       W108 34 00       DM58RF       2512       1561       266         HPY       275.0       1020       civ       Baytown       TX       USA       N29 47 26       W094 57 17       EL29MS       2081       1293       226			400	civ	Esbjerg		DNK						
HPC       362.0       1020       Hope       AR       USA       N33 43 04       W093 38 56       EM33ER       1668       1036       232         HPL       375.0       1020       Nucla/Hopkins       CO       USA       N38 14 34       W108 34 00       DM58RF       2512       1561       266         HPY       275.0       1020       Final control of the properties of the pro													
HPL       375.0       1020       Nucla/Hopkins       CO       USA       N38 14 34       W108 34 00       DM58RF       2512       1561       266         HPT       230.0       1020       Hampton       IA       USA       N42 43 32       W093 13 30       EN32JR       1123       698       268         HPY       275.0       1020       civ       Baytown       TX       USA       N29 47 26       W094 57 17       EL29MS       2081       1293       226			1020			AR							
HPT       230.0       1020       Hampton       IA       USA       N42 43 32       W093 13 30       EN32JR       1123       698       268         HPY       275.0       1020       civ       Baytown       TX       USA       N29 47 26       W094 57 17       EL29MS       2081       1293       226													
HPY 275.0 1020 civ Baytown TX USA N29 47 26 W094 57 17 EL29MS 2081 1293 226													
·				civ									
						WA							

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
HQ	303.5		mar	Ras el Shaqîq		EGY	N30 57 12	E028 49 42	KM40JW	8986	5584	56
HQ	642.0			Qijiang		CHN	N29 02 48	E106 39 36	OL39HB	11904	7397	354
HQG	365.0	1020		Hugoton	KS	USA	N37 09 49	W101 22 29	DM97HD	1994	1239	256
HQT	417.0	1020		Coats/Erwin/Harnett	NC	USA	N35 26 00	W078 40 30	FM05PK	942	585	176
HQU	333.0	1020		Thomson/Mcduffie	GA	USA	N33 31 39	W082 30 56	EM83RM	1181	734	194
HR	233.0	1020		Harrison/Bakky	AR			W093 09 37	EM36KE	1446	898	
HR	289.0	0		Hericourt		F		E006 43 56	JN37IN	6361	3953	53
HR	291.5		mar	Khodovarikha			N68 55 54		LP68VW	6914	4296	17
HR	327.0			Herat				E062 13 07	MM14CE	10528	6542	31
HR	330.0	800*		Kharkiv/Osnova			N49 55 29	E036 13 24	KN89CW	7891	4903	38
HR	330.5		iw	Unionoil Heather A		IW	N60 57 11	E000 56 18	JP00LW	5393	3351	40
HR	332.0	4000		Hateruma	TV	J		E123 48 12	PL14VB	12116	7529	
HR	338.0	1020		Harlingen/Sebas	TX			W097 39 28	EL16EH	2550	1584	
HR	376.0	1020 1020		Hierro	OU		N27 48 58	W017 53 11	IL17BT	5701	3542	87 206
HRA HRD	204.0 333.5	1020		Zanesville Petroleum/Harding	ОН	IW	N59 54 23 N59 16 44	W081 55 09 E001 30 52	EM99AV JO09SG	488 5484	303 3407	42
HRD	524.0	1020		Kountze/Hardin County	TX			W094 15 37	EM20UI	1992	1238	
HRI	300.0	1020	CIV	UNID	17	?	1400 20 10	**************************************	LIVIZUUI	1992	1230	220
HRM	331.0	1020		Hassi R Mel/Tilrempt/Oued Irarra			N32 55 44	E003 16 14	JM12PW	7025	4365	69
HRU	407.0	1020		Herington	KS		N38 41 34		EM18OQ	1560	970	
HRW	424.0	400	civ	London/Heathrow		G		W000 27 30	IO91SL	5698	3540	52
HRX	341.0	1020		Hereford	TX			W102 19 28	DM84UU	2201	1368	
HRZ	273.0		civ	Herzlia		ISR	N32 10 44	E034 49 37	KM72JE	9272	5762	51
HS	221.0			Stennis Intl/Hanco	MS	USA	N30 27 04	W089 27 19	EM50GK	1733	1077	214
HS	329.0		civ	Husavik		ISL	N65 55 36	W017 26 24	IP15GW	4411	2741	35
HS	379.0	1020	civ	Houston/Marbe	TX	USA	N30 04 29	W095 24 46	EM20HB	2083	1294	228
HS	400.0			Hot Springs/Duran	VA	USA	N37 59 11	W079 45 34	FM07CX	657	408	182
HS	482.5			Harrismith		AFS	S28 14 14	E029 06 22	KG41NS	13561	8426	100
HS	580.0			Kacha		UKR	N44 46 00	E033 34 00	KN64SS	8168	5075	43
HS	1065.0			Kherson-Chernobayevka			N46 40 00		KN66GQ	7958	4945	42
HSA	230.0			Hesa		IRN	N32 55 57		LM52SW	10158	6312	39
HSB	230.0	1020		Harrisburg-Raleigh	IL		N37 48 42	W088 32 43	EM57RT	1021	634	232
HSE	321.0			UNID		?	000 40 40	E440 40 0E	0540011	40400	10010	000
HSM	401.0			Horsham		AUS ?	S36 40 19	E142 10 05	QF13CH	16432	10210	269
HSO	363.0		oi.	UNID	WV	-	N20 22 E6	W082 39 19	EM000 I	667	444	205
HT HT	226.0 344.0		CIV	Huntington/Huntt UNID	VVV	?	1130 23 30	WU02 39 19	EM88QJ	667	414	205
HT	345.0		civ	Hagfors		s S	N60 06 35	E013 34 03	JP60SC	6067	3770	38
HT	360.0	1020		Horta				W028 37 46	HM58QM	4237	2633	80
HT	512.0	1020	OIV	UNID		?	1100 01 12	W020 07 40	TIMOOQIM	7201	2000	00
HT	770.0		enr	Khust			N48 11 00	E023 30 00	KN18SE	7344	4563	45
HT	960.0			UNID		?						• •
HTF	332.0		enr	Hittfeld		D	N53 23 00	E009 57 42	JO43XJ	6232	3873	46
HTK	378.0	400	civ	Sørkjosen/Hestvik		NOR	N69 55 35	E021 00 11	KP09MW	5874	3650	25
HTN	288.0			Cap Haitien		HTI	N19 43 54	W072 11 37	FK39VR	2764	1717	164
HTN	320.0	1020	civ	Miles City/Horton	MT	USA	N46 24 44	W105 56 18	DN76AJ	2091	1299	287
HTR	395.0			UNID		?						
HU	219.0			Houma	LA			W090 39 42	EL49QP	1865	1159	
HU	245.0	1020	civ	Terre Haute/Yinno	IN			W087 23 52	EM69HJ	829		236
HU	285.0			Huambo			S12 48 00	E015 43 00	JH77UE	11398	7083	96
HU	351.0	400	•	Hudiksvall		S		E017 07 48	JP81NS	6149	3821	35
HU	395.0	1020		Houston/Tutte	TX			W095 20 26	EL29HO	2121	1318	
HU	400.0	1020		Sacramento/Lanee	CA			W121 36 12	CM98EO	3541	2201	
HU	404.0	1020	CIV	Hutchinson/Saltt	KS			W097 55 37	EM18AC	1676	1042	
HU	495.0			Engels				E046 13 00	LO31CL	8218	5106	32
HU	1000.0			Dangara		IJК	N38 U5 U0	E069 20 00	MM48QB	10399	6462	24

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
HU	1084.0			Lyamino			N61 17 00	E071 45 00	MP51VG	8060	5008	14
HUA	287.0	1020		Hunstville/Redstone Arsenal	AL	USA	N34 41 55	W086 41 17	EM64PQ	1195	743	214
HUE	250.0			Huehuetenango		GTM	N15 18 48	W091 30 18	EK45FH	3368	2093	204
HUG	371.0			Hughenden		AUS	S20 49 14	E144 13 45	QG29CE	15255	9479	289
HUM	412.0			Humac		HRV	N43 17 14	E016 40 42	JN83IG	7271	4518	53
HUM	1623.0			Humaitá		В	S07 32 00	W063 02 00	FI82LL	5931	3685	160
HUR	220.0		civ	Roxboro/Person/Hurtle Mills	NC	USA	N36 14 00	W079 03 57	FM06LF	852	529	178
HUS	413.0			UNID		?						
HUT	357.0		iw	Kerr McGee North Sea/Hutton TLP		IW	N61 04 06	E001 24 01	JP01QB	5412	3363	40
HV	357.0		enr	Hvammur		ISL	N65 38 08	W018 04 04	IP05XP	4380	2722	35
HV	383.0			Hiva Oa		OCE	S09 46 17	W139 00 57	CI00LF	8438	5243	241
HV	655.0		civ	Khudzhand/Leninabad		TJK	N40 13 18	E069 45 24	MN40VF	10192	6333	23
HVS	341.0	1020	civ	Hartsville	SC		N34 24 26	W080 06 55	EM94WJ	1055	656	183
HW	280.0			Hualien				E121 36 27	PL04TA	12186	7572	340
HW	299.0	1020		Wilmingtgon/Cubla	ОН	USA			EM89BI	624	388	218
HW	358.0	1020	civ	Hannover/West		D	N52 28 07		JO42SL	6258	3889	47
HW	388.0			Hakodate		J	N41 46 31		QN01JS	9702	6028	331
HW	400.0			Pantnagar		IND		E079 28 25	ML99RA	11650	7239	19
HWB	263.0	1020		Beatrice/Shaw	NE	USA			EN10OG	1484	922	260
HWB	336.0	400	iw	Harald B		IW	N56 20 42	E004 16 24	JO26DI	5758	3578	45
HWD	336.0			UNID		?			51156617			
HWQ	242.0	1020		Harlowton	MT	USA		W109 49 57	DN56CK	2390	1485	288
HWQ	426.0	400	iw	Phillips Petroleum/Arpet Alpha Quebec		IW		E001 47 40	JO03VA	5766	3583	49
HWS	257.0	4000		Howard Springs	14/1		S12 28 08	E131 02 35	PH57MM	15472	9614	
HWS	377.0	1020		Mosinee/Central	WI		N44 46 37		EN54DS	821	510	280
HX	285.0			Weining			N26 51 36	E104 16 54	OL26DU	12161	7556	357
HX HXF	323.0	1000	iW	Unocal/Haven Hartford	WI	IW	N/42 20 E2	W000 22 47	CNECTI	704	450	260
HXK	200.0 281.0	1020 1020		Berlin/Hornebrook			N43 20 53 N44 34 37	W088 23 47 W071 10 45	EN53TI FN44JN	724 665	414	268 81
HXO	271.0	1020	CIV	Oxford/Huntsboro	NH NC		N36 18 02		FM06QH	846	526	175
HY	241.0	1020		Huayuan	NO		N28 35 00		OL48RN	11928	7412	352
HY	260.0	1020	civ	Thief River Falls	MN		N48 00 00		EN18WA	1365	848	295
HY	311.0	400		Hay River	NT		N60 45 20		DP20DS	3039	1888	321
HY	328.0		0	Hat Yai			N06 56 11	E100 23 20	OJ06EW	14375	8932	0
HY	342.0		civ	Hyannis/Bogey	MA		N41 42 57		FN41VR	795	494	105
HY	361.0			Hashimiyah		IRQ	N32 22 08	E044 40 01	LM22II	9840	6114	44
HY	374.0	1020		Hays	KS	USA	N38 46 00	W099 15 00	EM08IS	1747	1086	258
HY	389.0	400		Skive		DNK	N56 30 30	E009 14 30	JO46OM	6026	3745	43
HY	419.0	400	civ	Vaasa		FIN	N62 58 48	E021 48 54	KP02VX	6288	3907	32
HY	685.0		civ	Khalaktyrka		RUS	N53 00 06	E158 47 30	QO93JA	7918	4920	327
HYE	221.0		mil	Hanchey/Fort Rucker (Ozark) (Army)	AL	USA	N31 22 01	W085 39 00	EM71EI	1493	928	203
HYV	396.0	400	civ	Hyvinkää		FIN	N60 33 10	E024 42 52	KP20IN	6565	4079	34
HYW	370.0	1020	civ	Conway/Horry	SC	USA	N33 49 46	W079 07 26	FM03KT	1118	695	178
HYX	385.0	1020	civ	Saginaw/Browne	MI	USA	N43 25 54	W083 51 29	EN83BK	359	223	263
HZ	257.5			Hotazel		AFS	S27 13 30	E022 57 00	KG12LS	13008	8083	103
HZ	314.0			Tianmen		CHN	N30 39 06	E113 09 06	OM60NP	11651	7240	349
HZ	356.0	1020		New Roads/Hazer	LA	USA	N30 37 59	W091 29 22	EM40GP	1814	1127	220
HZ	920.0			Primorsko Ahtarsk				E038 14 00	KN96CB	8310	5164	40
HZD	217.0	1020		Huntington	TN			W088 28 01	EM56SC	1158	719	
HZE	414.0	1020		Hazen	ND		N47 17 33		DN97FH	1761	1094	
HZP	248.0	1020		Indianapolis/Zionsville	IN		N39 56 23		EM69VW	714	444	
1	208.0			Vozdvizhenka				E131 55 00	PN53XV	9796	6087	
1	225.0		civ	Zhitomir				E028 45 00	KO40JD	7490	4654	41
1	250.0		civ	Irkutsk			N52 15 30	E104 25 00	OO22FG	9343	5806	358
1	297.0			UNID		?	NEO 10 0-	E050 12.00		0000		
I	320.0		civ	Samara/Bezymyanka		RUS	N53 12 06	E050 18 36	LO53DE	8230	5114	29

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
I	357.0	400	civ	Tallinn/Ülemiste			N59 24 48	E024 48 02	KO29JJ	6643	4128	35
1	365.0		civ	Limanskoe		UKR	N46 41 00	E030 00 00	KN56AQ	7821	4860	43
1	412.0	400	mil	Halli		FIN	N61 51 28	E024 50 04	KP21KU	6487	4031	33
1	434.0		civ	Cluj-Napoca/Someseni		ROU	N46 47 00	E023 40 00	KN16US	7454	4631	47
I	441.0		civ	Simferopol		UKR	N45 00 12	E033 59 12	KN65XA	8171	5078	43
1	509.0		civ			UKR	N47 02 42	E031 53 53	KN57WB	7896	4907	42
I	595.0		civ	, ,		RUS						
I	640.0		civ	Kiev/Borispol			N50 22 08	E030 54 31	KO50KI	7587	4714	40
I	733.0		civ	Baku/Bina				E050 01 48	LN50AL	9383	5830	36
1	733.0			Shymkent			N42 21 30	E069 30 24	MN42SI	9964	6191	22
1	733.0	400		Kiev/Zhulyany	4.5			E030 25 15	KO50FJ	7559	4697	40
14	244.0	400		Lacombe	AB			W113 42 51	DO32DL	2690	1671	303
IA IA	287.0		mar	Lianes		E ?	N43 25 12	W004 44 54	IN73PK	5807	3608	63
IA IA	310.5 329.0	1020	oiv	UNID	NY	-	N142 06 22	W078 50 18	FN03NC	101	63	150
IA IA	332.0	1020		Niagara Falls/Kathi Portland/Laker	OR		N45 00 33 N45 32 28	W122 27 45	CN85SM	3371	2095	288
IA	346.0	1020	Civ	Washington/Tille	DC		N38 50 50	W077 26 16	FM18GU	586	364	163
IA	347.0		iw	Shell Expro/Brent Alpha	ЪО	IW		E001 42 14	JP01UA	5429	3373	40
IA	364.0			Antananarivo Ivato			S18 47 36	E047 27 18	LH31RE	14376	8933	78
IA	395.0	1020		Porto Alegre/Pestana		В	S29 59 38	W051 11 45	GG40JA	8673	5389	155
IA	397.0			UNID		?						
IA	405.0		enr	Bodaybo		RUS	N57 52 00	E114 13 00	0077CU	8655	5378	353
IA	414.0	1020	civ	Chicago/Taffs	IL	USA	N41 59 04	W087 47 20	EN61CX	712	442	256
IA	485.0	1020		Indija		YUG	N45 02 35	E020 04 23	KN05AB	7362	4575	50
IAE	453.0		neg	CN-453		SVK	N48 34 12	E017 48 36	JN88VN	6986	4341	48
IAEU	409.0		neg	CZE-409		POL	N52 08 12	E016 43 48	JO82ID	6693	4159	45
IAI	441.0		_	CK-441		CZE	N49 24 24	E017 20 24	JN89QJ	6903	4289	47
IAK	243.0		civ	Palatka	FL		N29 39 10	W081 48 42	EL99CP	1594	991	188
IAR	412.0			UNID		?						
IAS	372.0	4000	_	FX-372		SVK	N147 44 00	E007.04.47	KN1070E	7044	4750	4.4
IAS	391.0	1020		lasi			N47 14 03	E027 34 47	KN37SF	7644	4750	44
IAS IAST	486.0 257.0		_	FX-486 FVE-257	ME		N48 37 00 N47 16 05	E019 08 00 W068 15 24	JN98NO FN57UG	7061 950	4387 590	47 63
IB	209.0	400	_	Atikokan	ON		N48 49 31	W008 13 24 W091 34 39	EN48FT	1080	671	305
IB	240.0	1020	CIV	Bonsucesso/Guarulhos	ON	В	S23 24 28	W046 23 14	GG66TO	8181	5083	148
IB	329.0	400	civ			EST	N59 24 50	E024 36 24	KO29HJ	6634	4122	35
IB	386.0		iw	Shell Expro/Brent Bravo		IW	N61 03 19	E001 42 41	JP01UB	5429	3373	40
IBE	202.0			Iberia		PRU	S11 24 04	W069 29 29	FH58GO	6206	3856	168
IBG	312.0			Ibague		CLM	N04 23 51	W075 06 21	FJ24KJ	4397	2732	173
IBL	246.0			Isla Isabela		EQA	S00 56 41	W090 57 20	EI49MB	5097	3167	196
IBM	317.0	1020	civ	Kimball	NE	USA	N41 11 29	W103 40 11	DN81DE	2004	1245	270
IBO	271.0	1020		Idabel	OK	USA	N33 54 22	W094 50 35	EM23NV	1730	1075	235
IBU	407.0		civ	Statesboro/Bulloch Co	GA			W081 39 50	EM92EJ	1289	801	
IC	245.0	1020		Mocambo/Belo Horizonte		В		W044 02 13	GH70XK	7900	4909	
IC	316.0			Mitzic				E011 32 58	JJ50SS	10032	6233	89
IC	332.0		CiV	Wichita/Piche	KS			W097 27 21	EM17GN	1670	1038	
IC	370.0	1020		Gisa/Curitiba		В		W049 14 54	GG54JM	8275	5142	
IC A	386.0		IW	Shell Expro/Brent Charlie		IW		E001 43 13	JP01UC	5428	3373	40
ICA ICh	318.0 300.5		ma-	Icabaru Il'ichevsk				W061 44 17 E030 40 36	FJ94DH	4716 7887	2930 4901	
ICh ICh	300.5			Icha				E155 37 00	KN56IH QO75TO	7887 7827	4864	43 331
ICH	362.0		ıııaı	Ischia		1.03		E013 53 00	JN60WS	7027 7259	4511	57
ICK	266.0	1020	civ	Annette Island/Nichols	AK	USA		W131 36 18	CO45EB	3875	2408	
ICL	353.0	1020	J1 V	Clarinda	IA			W095 01 39	EN20LR	1329	826	
ICO	270.0	. 525		Curico	., .			W071 15 20	FF45IA	8774	5452	
ICW	525.0	1020	civ	Nenana/Ice Pool	AK			W149 04 37	BP54LN	4771	2964	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ID	324.0	1020	civ	Idaho Falls/Uconn	ID			W111 58 52	DN43AO	2603	1617	281
ID	335.0			Indore		IND	N22 43 47	E075 48 36	ML72VR	12210	7587	24
ID	335.0	1020	civ	Independence/Jeffe	KS	USA	N37 03 57	W095 46 40	EM27CB	1574	978	247
ID	366.0		pri	Das Island		UAE	N25 09 56	E052 54 01	LL65KD	10953	6806	42
ID	385.0		enr	Idrinskoye		RUS	N54 23 00	E092 03 00	NO64AJ	9084	5644	5
ID	440.0			Nanjing		CHN	N31 40 00	E118 42 54	OM91IQ	11436	7106	344
ID	660.0			Samara/Bezymyanka				E050 17 24	LO53DE	8231	5114	29
IDL	284.0	1020		Indianola	MS		N33 28 49	W090 40 32	EM43PL	1510	938	224
IDTE	416.0		_	KUN-416			N49 06 48	E017 30 12	JN89SC	6932	4307	47
IE 	340.0		CIV	Manaus/Eduardo Gomes Intl/Taruma		В	S03 02 17		FI96WX	5546	3446	154
IE IE	395.0	4000	<b>-</b> :	Valde/Belém		В	S01 23 40	W048 29 28	GI58SO	5887	3658	140
IE A	407.0	1020	CIV	Natchitoches/Campi	LA	05A ?	N31 39 21	W093 04 39	EM31LP	1808	1123	226
IEA IEB	360.0 414.0	1020		UNID Lebanon	МО		N37 34 17	W092 39 30	EM37QN	1315	817	242
IEE	415.0	1020	civ	Oil Platform Irene	CA		N34 36 26	W120 43 40	CM94PO	3667	2279	268
IEW	396.0	1020		Winters	TX		N31 57 13		EM01AW	2229	1385	240
IEY	248.0	1020		Barrow/Wiley	AK		N71 17 08	W156 48 25	BQ110G	5015	3116	334
IF	215.0	1020	0.1	Fazenda/Belo Horizonte	7.11.	В	S19 36 58	W043 59 06	GH80AJ	7908	4914	145
 IF	290.0	. 525	civ	Ivano-Frankovsk				E024 45 42	KN28JU	7366	4577	44
IFA	368.0	1020		Iowa Falls	IA		N42 28 36		EN32IL	1132	704	267
IFJ	402.0	1020		Winnfield	LA		N31 57 47		EM31QX	1756	1091	226
IFL	212.0	1020		Innisfail		AUS	S17 33 42	E146 00 55	QH32AK	14870	9240	290
IFN	337.0		mil	Esfahan/Shahid Beheshti Intl		IRN	N32 44 56	E051 52 51	LM52WR	10191	6333	39
IFR	409.0		civ	Ifrane		MRC	N33 30 01	W005 09 37	IM73KM	6348	3944	73
IG	315.0		civ	Manaus/Eduardo Gomes Intl/Igara		В	S03 02 19	W060 04 14	FI96XX	5548	3447	154
IG	349.0			Ishigaki		J	N24 20 37	E124 10 56	PL24CI	12075	7503	337
IG	395.0			Soja/Campo Grande		В	S20 29 09	W054 41 00	GG29PM	7563	4700	155
IG	410.0	1020		Tuca/Guarulhos		В	S23 27 44		GG66RM	8179	5082	149
IG	678.0			Lensk		RUS		E114 53 48	OP70KR	8333	5178	353
IGL	345.0	1020		Ingolstadt		D		E011 38 41	JN58TR	6602	4102	50
IGZ	435.0	4000		In Guezzam				E005 45 45	JK29VN	8153	5066	79
IH IHM	315.0 220.0	1020	mar	Ilha Rasa Mansfield	MA	В	S23 03 50	W043 08 46 W071 11 50	GG86KW FN42JA	8288 706	5150 439	146 105
IHS	335.0		mil	Ironhorse/Fort Carson/Butts AAF	CO			W104 45 12	DM78OQ	2187	1359	263
II	224.0			Sturgeon Bay	WI			W087 27 03	EN64GS	644	400	281
 II	295.0	1020	0.1	UNID	•••	?	1111 10 20	11001 21 00	2110100	011	100	
ii	486.0			UNID		?						
IIB	206.0	1020		Independence/Wapsie	IA		N42 27 08	W091 57 04	EN42AK	1027	638	265
IIY	435.0	1020		Washington/Wilkes County	GA	USA	N33 46 30	W082 48 48	EM83OS	1160	721	196
IJ	365.0	1020		Vila/São Jose dos Campos		В	S23 12 46	W045 52 46	GG76BS	8183	5085	148
IJ	382.0	400	civ	Seinäjoki		FIN	N62 40 28	E022 52 09	KP12KQ	6352	3947	32
IJ	394.0			Haiqing		CHN	N47 52 06	E134 38 48	PN77HU	9306	5782	338
IJZ	272.0			Summersvile/Nicholas	WV			W080 55 12	EM98ME	647		191
IK	272.0	1020		Kankakee	IL	USA		W087 54 13	EN61BA	764		248
IK	355.0			Ikishima		J		E129 46 56	PM43VS	10911		
IK	370.0	1020		Bento/Campinas		В	S22 57 27	W047 12 15	GG67JB	8101	5034	149
IK	452.0			UNID		?	NO7 40 50	E000 00 44	KM07E0	0000	E455	50
IKA	322.0	1000	civ	Ikaria Ankany	1.4			E026 20 44	KM37EQ	8296	5155	52
IKV IKY	275.0 429.0	1020 1020		Ankeny Springfield	IA KY		N41 41 55	W093 33 50 W085 14 12	EN31FQ EM77JP	1178	732 528	263 217
IK Y IL	226.0	1020		Springrieid Bulawayo/J. M. Nkomo	ΝŢ			E028 36 09	KG49HX	849 12958	8052	93
IL IL	248.0	1020	civ	Wilmington/Hadin	DE			W075 36 50	FM29EN	576		93 145
IL	278.0			Killeen/Iresh	TX			W075 30 30 W097 42 29	EM11DA	2147	1334	234
IL	281.0			Wilmington/Airli	NC			W037 42 23 W077 51 59	FM14BE	1086		172
IL	312.5	. 525		Il'inskiy/Mys Il'i				E035 25 42	KN75RA	8248	5125	42
IL	320.0	400		Bodø/Ilstad				E014 43 19	JP77IG	5770	3585	29
			-									

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
IL	345.5			CF-345,5		CZE	N49 54 18	E015 26 06	JN79RV	6759	4200	47
IL	350.0			Cariano/Florianópolis		В	S27 39 41	W048 33 33	GG52RI	8527	5298	152
IL	389.0	1020		Willmar/Wlmar	MN	USA	N45 05 05	W094 57 48	EN25MC	1239	770	282
IL	407.0	1020	civ	Wilmingtgon/Airbo	ОН	USA	N39 29 31	W083 44 12	EM89DL	605	376	218
IL	412.0			UNID		?						
ILA	345.5		neg	CF-345,5		CZE	N49 54 18	E015 26 06	JN79RV	6759	4200	47
ILB	414.0	1020		Ilirska Bistrica			N45 33 52		JN75CN	6959	4324	52
ILE	345.5		_	CF-345,5				E015 26 06	JN79RV	6759	4200	47
ILI	411.0			Iliamna	AK		N59 44 53		BO29NR	5170	3212	318
ILJ	254.0	1020	civ	Springfield/Willard	MO		N37 17 58	W093 26 27	EM37GH	1389	863	243
ILM	210.0			Quilmes			S34 42 39	W058 14 25	GF05VG	8966	5571	162
ILM	311.0			llam		IRN	N33 35 05	E046 24 43	LM33EO	9827	6107	42
ILM	488.0	1020	mil	Illesheim		D		E010 23 17	JN59EL	6480	4027	50
ILO	325.0	4000		llo Allo conseque (foliate	N 1 N 4		S17 41 28	W071 21 02	FH42HH	6869	4268	171
ILT	247.0	1020		Albuquerque/Isleta	NM		N34 59 13		DM64QX	2524	1568	256
ILZ	262.0	4000	CIV	Illizi/Takhamalt	14/1			E008 29 00	JL46FM	7863	4886	71
IM	255.0	1020		Iron Mountain/Kingsford/Kords	WI		N45 43 39	W088 07 57	EN55WR	715	445	290
IM	264.0			Bitam			N02 05 03		JJ52RC	9927	6168	88
IM	289.0	1000	ois r	Imphal	NC	IND		E093 53 21	NL64WS	12373	7688	7
IM IM	357.0 360.0	1020		Asheville/Keans Shymkent	NC		N35 31 58	W082 35 15 E069 32 33	EM85QM MN42SI	966 9966	601 6192	197 22
IM	386.0		CIII	UNID		?	1142 21 02	L009 32 33	WIN4231	9900	0192	22
IM	425.0		civ	Vozdvizhenka		-	N43 51 30	E131 54 12	PN53WU	9799	6089	338
IME	414.0	1020			AK		N57 02 50		CO27HB	4095	2545	311
IML	283.0	1020		-	NE			W101 37 39	DN90EM	1863	1158	266
IMP	388.0	1020		Marathon	TX		N30 15 51		DM80JG	2584	1606	242
IMR	368.0	1020		Marshfield	MA		N42 05 52		FN42PC	743	462	103
IMS	404.0			Madison	IN		N38 45 39		EM78GS	760	472	223
IN	264.0			Zinder				E008 59 52	JK43LS	8838	5492	81
IN	266.0	1020	civ	Indianapolis/Pully	IN	USA	N39 37 44	W086 25 06	EM69SP	748	465	233
IN	310.0			Ibadan		NIG	N07 26 01	E003 54 57	JJ17WK	8911	5537	89
IN	316.0	400	civ	Sønderborg		DNK	N55 01 18	E009 42 30	JO45UA	6130	3809	45
IN	316.0		mar	Ingólfshöfdhi		ISL	N63 48 06	W016 38 24	IP13QT	4446	2763	38
IN	317.0	1020	civ	Winston Salem/Reeno	NC	USA	N36 04 15	W080 10 01	EM96VB	871	541	184
IN	353.0	1020	civ	International Falls/Raize	MN	USA	N48 28 53	W093 16 41	EN38IL	1180	733	300
IN	378.0		iw	Amoco Indefatigable AP		IW	N53 21 49	E002 34 11	JO13GI	5796	3602	49
IN	400.0			Inhambane		MOZ	S23 52 03	E035 24 00	KG76QD	13772	8558	92
IN	755.0			Inderborsky				E051 45 00	LN58VN	8712	5414	31
IN	1055.0	400*		Sukhotino			N54 36 00		KO84QO	7567	4702	34
INA	353.0		_	KRT-353				E018 12 18	JO94CH	6640	4126	42
INA	422.0		neg	UR-422			N50 12 14	E015 52 53	JO70WE	6766	4204	47
IND	331.0			UNID		?						
INE	521.0			Missoula/Konna	MT			W114 23 48	DN27TC	2731	1697	
ING	275.0			Ambler	PA			W075 17 07	FN20ID	543		139
ING	387.0	U	enr	StInglevert		F ?	N50 52 59	E001 44 31	JO00UV	5865	3644	52
INM	316.0	1020	oiv	UNID Innsbruck		-	NIAT 12 A0	E011 24 07	INEZOE	6670	4150	<b>5</b> 2
INN	420.0	1020	CIV					E011 24 07	JN57QF	6679	4150	52 96
INO INP	385.0 242.0		civ	Inongo Indiana	PA			E018 16 29 W079 03 57	JI98DB FN00LP	10781 364	6699 226	86 175
INR	353.0			KRW-353	ГA			E019 54 54	JO90WC	7007	4354	45
INY	317.0	1020	neg	Batesville/Independence County	AR			W091 47 27	EM45CQ	1391	864	
IO	305.0	1020		Antananarivo Ivato	~II\			E047 23 34	LH31QF	14370	8929	233 78
10	609.0			UNID		?	310 47 00	2077 20 04		1-010	0020	, 0
10	1210.0	400	civ	Kirovsk/Apatity		-	N67 28 00	E033 35 00	KP67TL	6450	4008	25
IOA	340.0	400		Ioannina				E020 48 58	KM09JQ	7790	4841	54
IOB	210.0		•	Mount Sterling	KY			W083 58 53	EM88AB	751		212
				· · · · ·		J J						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
IOF	357.0			Flotta		G	N58 49 48	W003 08 42	IO88KT	5246	3260	43
IOM	363.0	1020	•	McCall	ID		N44 48 21	W116 06 08	DN14WT	2899	1801	285
IP	201.0	1020	civ	Mobile	ΑZ	USA	N33 07 09	W112 21 16	DM33TC	3083	1916	258
IP	300.0	1500		Jardim/Campinas		В	S22 59 34	W047 09 19	GG67KA	8107	5037	149
IP	332.0			Ile Des Pins		NCL	S22 35 24	E167 27 04	RG37RJ	13543	8415	269
IP	345.0	1020		Porto Alegre/Guaiba		В	S29 59 35	W051 16 54	GG40IA	8670	5387	155
IP	370.0			Impfondo				E018 03 59	JJ91AO	10490	6518	84
IP	688.0	1020						E036 39 00	KO84HR	7526	4676	34
IP	875.0		enr	Drogbych				E023 31 00	KN19SI	7261	4512	44
IPA	280.0	1020		Easter Island/Isla de Pascua			S27 09 14		DG52GU	8440	5244	207
IPT	349.0	4000	civ	Isparta/Suleyman Demirel			N37 51 09	E030 21 28	KM57EU	8533	5302	50
IQK	382.0	1020		Louisa	VA		N38 01 14		FM18BA	666	414	168
IQS	520.0	1020	civ	Sallisaw	OK		N35 23 55	W094 47 40	EM25OJ	1615	1004	240 319
IR IR	220.0 280.0			Kisar Trevo/Brasilia		INS B	S08 01 03 S15 51 51		PI31OX GH64AD	15268 7353	9487 4569	147
IR IR	397.0			Iringa		TZA	S07 40 34	E035 45 09	KI72VH	12611	7836	78
IR	514.0		civ	Irkutsk		RUS	N52 14 54		0022FF	9344	5806	358
IR	1205.0		enr					E073 22 00	MN60QX	10221	6351	20
IR	1630.0		Cili	UNID		?	1440 00 00	2070 22 00	WINTOOQX	10221	0001	20
IRA	408.0			UNID		?						
IRB	387.0		neq	CAV-387	IA		N42 44 45	W093 45 32	EN32CR	1166	724	269
IRC	293.0		Ŭ	Isla Robinson Crusoe		CHL	S33 37 00	W078 50 12	FF06NJ	8583	5333	180
IRF	513.0		neg	CLJ-513		ROU	N46 46 36	E023 27 30	KN16RS	7442	4624	47
IRJ	360.0			Isla Rey Jorge		ATA	S62 11 58	W058 57 41	GC07MT	11904	7397	170
IRM	336.0		civ	Jerusalem/Atarot		ISR	N31 51 48	E035 12 59	KM71OU	9323	5793	51
IRO	405.0			Isiro Matari		ZAI	N02 50 23	E027 34 17	KJ32SU	11146	6926	76
IRS	226.0			UNID		?						
IRS	382.0	1020	civ	Sturgis	MI	USA		W085 26 02	EN71GT	540	336	247
IS	220.0	1020		Cimbra/Salvador		В	S12 55 41	W038 25 15	HH07SB	7542	4687	136
IS	290.0	1020		Mada/São Paulo		В	S23 32 41	W046 42 46	GG66PK	8181	5083	149
IS	341.0	4000	CIV	Ajaccio/Campo del Oro		F	N41 53 56	E008 36 44	JN41HV	6828	4243	58
IS IS	345.0 350.0	1020		Fonte/Piraçununga Ishurdi		B	S22 00 09	W047 20 28 E089 02 41	GG67HX NL44MD	7999 12379	4970 7692	149 11
IS	366.0	1020	civ	Islip/Lokks	NY		N40 43 44		FN30JR	625	388	122
IS	385.0	1020	Civ	Isafjördhur	INI	ISL	N66 05 54		HP86LC	4159	2584	34
IS	396.0		civ	Istanbul/Atatürk		TUR		E028 48 23	KN41JB	8187	5087	48
IS	401.0		0	Kinston/Stals	NC		N35 14 38	W077 41 54	FM15DF	972	604	171
ISA	340.0	1020	joi	Treviso/Istrana		1	N45 41 55	E012 13 42	JN65CQ	6827	4242	53
ISB	269.0	1020	-	Sibley	IA	USA	N43 22 05	W095 45 09	EN23CI	1314	817	273
ISD	304.0	400	civ	Svalbard/Longyear/Isfjord		SVB	N78 03 41	E013 36 01	JQ68TB	5341	3319	16
ISK	434.0		civ	Iskenderun		TUR	N36 34 34	E036 09 36	KM86BN	8987	5584	47
ISM	329.0	1020	civ	Kissimmee	FL	USA	N28 17 22	W081 26 03	EL98GG	1741	1082	187
ISN	275.0	1020		Williston	ND			W103 35 02	DN88ED	1918	1192	293
ISR	309.0			Iranshar				E060 43 04	ML07IF	11149	6928	35
ISS	407.0	1020		Wiscasset/N Edgecomb	ME			W069 38 25	FN53EX	788	490	86
ISW	215.0			Wisconsin Rapids	WI			W089 50 23	EN54BI	832	517	
ISZ	388.0			Cincinnati/Blue Ash	OH			W084 23 23	EM79TF	660	410	220
IT IT	266.0	1020	CIV	Ithaca/Vmah	NY			W076 22 05	FN12TK	299		122
IT IT	290.0 325.0	1020		Meriti/Rio de Janeiro Pena/Curitiba		В		W043 21 44 W049 11 29	GG87HE GG54JL	8255 8283	5130 5147	
IT	325.0 450.0			UNID		B ?	323 30 32	vv049 11 29	GG04JL	0203	5147	102
IT	815.0	400*	civ	Lipetsk			N52 42 00	E039 32 00	KO92SQ	7821	4860	34
ITR	209.0	1020	CIV	Burlington/Kit Carson	СО			W102 17 02	DM89UF	1966	1221	
ITR	390.5	0	mil	Istres/Le Tubé	50	F		E004 55 48	JN23LM	6477	4025	58
ITU	225.0	1020		Itaipu				W054 37 21	GG24QO	8082	5022	
ITU	371.0		civ	Great Falls/Truly	MT			W111 22 22	DN47HI	2500	1554	
				•								

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ITZ	359.0	1020	mil	Itzehoe	J/F	D	N53 59 04	E009 34 16	JO43SX	6177	3838	46
IU	383.0	1020		Ashtarak				E044 22 00	LN20EH	9120	5667	40
IUB	404.0	1020	OIV	Baltimore/Institute	MD		N39 17 13		FM19QG	564	350	154
IUI	350.0	1020		Blytheville/Hicks	AR		N35 56 16	W089 50 02	EM55BW	1250	777	229
IUL	356.0	1020		La Porte	IN		N41 29 56	W086 46 18	EN61OL	656	407	249
IUV	284.0	1020		AUV-284	OK		N34 09 03	W097 07 29	EM14KD	1867	1160	241
IV	240.0	1020		Ipitanga/Salvador		В	S12 54 47		HH07TC	7545	4688	136
IV	290.0	500	civ	Ivano-Frankovsk				E024 36 54	KN28HV	7356	4571	44
IVL	260.0	400		Inverell		AUS	S29 53 05	E151 08 24	QG50NC	15332	9527	272
IVR	328.0		civ	Inverness		G	N57 32 29	W004 02 45	IO77XM	5238	3254	45
IVV	379.0	1020	civ	Lebanon/White River	NH	USA	N43 33 37	W072 27 56	FN33SN	565	351	91
IW	226.0		civ	New York/Laurel	NY	USA	N40 44 00	W073 42 00	FN30DR	590	367	125
IW	230.0	1020		Jaguari/São José dos Campos		В	S23 09 52	W045 55 53	GG76AU	8176	5080	148
IW	395.0		civ	Staraya Russa		RUS	N57 57 00	E031 23 00	KO57QW	7043	4376	34
IW	426.0	400	pri	Bembridge		G	N50 40 51	W001 06 22	IO90KQ	5693	3538	53
IWH	329.0	1020	civ	Wabash	IN	USA	N40 45 49	W085 47 52	EN70CS	628	390	239
IWW	379.0		civ	Kenai/Wildwood	AK	USA	N60 35 55	W151 12 40	BP40JO	4948	3075	318
IX	368.0	1020	civ	Olathe/Dustt	KS	USA	N38 44 19	W094 53 31	EM28NR	1411	877	251
IY	215.0	1020		Piraçununga		В	S22 04 03	W047 20 26	GG67HW	8005	4974	149
ΙΥ	417.0	1020		Charles City/Chukk	IA	USA	N43 08 02	W092 43 41	EN33PD	1075	668	270
IZA	394.0	1020	civ	Ibiza		Е	N38 54 56	E001 28 13	JM08RV	6511	4046	64
IZD	378.0			Mizda		LBY	N31 26 46	E012 58 25	JM61LK	7844	4874	65
IZD	432.0	1020		Ohrid/Izdeglavlje			N41 20 35	E020 49 14	KN01JI	7672	4767	52
IZN	432.0	1020	CiV	Lincolnton	NC		N35 32 15		EM95KM	938	583	189
IZP	400.0	4000		Iztapa	•		N13 55 51	W090 43 54	EK43PW	3491	2169	201
IZS	426.0	1020		Montezuma	GA		N32 22 03	W084 00 27	EM72XI	1340	833	199
J	195.0			Vladivostok/Knevichi			N43 22 30 N38 50 00	E132 07 30	PN63BJ	9842	6116 6338	338
J J	301.0 305.0		CIV	Karshi San Juan		UZB	S31 32 36	E065 45 30 W068 25 00	MM28VT FF58SK	10200 8428	5237	26 170
J	305.0	400	civ	Vaasa		FIN		E021 45 08	KP03VB	6280	3902	32
J	330.0	400	CIV	Jujuy			S24 24 58	W065 05 00	FG75KO	7705	4787	166
J	340.0	400	civ	Stephenville/Juliett	NL		N48 34 53	W058 22 49	GN08TN	1701	1057	65
J	353.0	950	0	San Julian			N22 05 06	W084 10 56	EL72VC	2458	1527	192
j	355.0	400	civ	Varkaus		FIN	N62 11 27		KP32WE	6593	4097	31
J	385.0	400	civ	Halifax/Juliett	NS	CAN	N44 58 00	W063 25 38	FN84GX	1280	795	79
J	598.0		mil	Kaposujlak/Kaposvar		HNG	N46 23 00	E017 42 00	JN86UJ	7125	4427	50
J	915.0		civ	Nizhnevartovsk		RUS	N60 56 00	E076 27 00	MP80FW	8181	5084	12
J/JW	318.5			Voronezh-Baltimor		RUS	N51 49 00	E039 14 00	KO91OT	7880	4897	35
J5	350.0			Loon River/Gulf Canada	AB	CAN	N57 08 48	W115 05 07	DO27KD	2877	1788	313
J7	285.0	400	civ	108 Mile Airport	BC	CAN	N51 44 36	W121 20 13	CO91HR	3207	1993	301
JA	238.0	1020		Kanoya		J		E130 50 55	PM51KI	11123	6911	334
JA	253.0		civ	Hibbing/Chisholm	MN			W092 56 15	EN37MK	1120	696	295
JA	312.0			Jebel Ali				E055 01 54	LL74MX	11084	6888	41
JA	316.0		CÍV	Belgrade				E020 28 31	KN04FR	7408	4603	50
JA	332.0	4000		Dexin				E129 20 18	PN42QU	9977	6199	339
JA IA	344.0	1020		Jacksonville/Dinns	FL			W081 47 59	EM90CL	1505	935	189
JA JA	365.0 385.0	1020		Jackson/Allen Vahotyn	MS		N32 24 45	W090 07 10 E031 47 42	EM42WJ KO50VG	1578 7641	980 4748	220 40
JA JA	365.0 415.0		CIII	Yahotyn Jammu		IND		E031 47 42 E074 50 56	MM72KQ	11132	6917	22
JAB	387.0		enr	Jablonka		POL		E019 41 38	JN99UL	7036	4372	46
JAC	360.0	1020	CIII	Jacareacanga		В		W057 46 26	GI13CS	5965	3706	153
JAD	347.0	. 520	iw	Phillips Petroleum/Jade		IW		E002 15 14	JO16DU	5622	3493	45
JAN	362.0	400	civ					W008 34 33	IQ50RX	4784	2973	27
JAN	404.0			Halli/Janne		FIN		E024 38 30	KP21HU	6479	4026	33
JAS	344.0			Jasper	TX			W094 02 01	EM20XW	1925	1196	227
JAU	204.0	1020		Jacksboro	TN	USA	N36 20 16	W084 09 39	EM76WI	930	578	207

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
JB	202.0	112	•	Johannesburg	0/1		S26 02 42	E028 15 54	KG43DW	13348	8294	98
JB	236.0	400	civ	Whitehorse/Laberge	ΥT	CAN		W135 08 16	CP20KW	4074	2532	
JB	270.0	400	0.0	Jos	• • •	NIG	N09 38 07	E008 53 36	JJ49KP	9143	5681	84
JB	301.0			Jabalpur		IND	N23 11 09	E080 03 38	NL03AE	12290	7637	20
JB	342.5			Omura		J	N32 56 30	E129 55 48	PM42XW	10990	6829	335
JB	345.0			Dongying				E118 47 06	OM97JO	10795	6708	
JB	384.0	1020		Lumberton/Jigel	NC		N34 32 46	W079 08 18	FM04KN	1038		178
JB	400.0	1020		Jaybee	110		N01 30 00	E103 42 42	OJ11UM	14966	9300	
JBL	256.0	1020		Jonesboro/Hodge	LA		N32 12 05	W092 43 34	EM32PE	1739	1081	226
JBR	517.0	1020	enr		_, .		N47 29 38	E019 53 41	JN97WL	7182	4463	48
JC	249.0	1020		•	CA			W121 54 54	CM97BI	3624	2252	
JC	314.0	.020	0.1	UNID	0, (	?	1107 20 00		OINOT DI	0021	2202	2.0
JC	381.0			Hachinohe		J	N40 33 01	E141 28 42	QN00RN	9796	6087	330
JC	396.0	400	civ	Rigolet	NL	CAN		W058 26 07	GO04SE	1904	1183	46
JD	302.5	.00	pri	_			N24 11 36	E052 37 30	LL64HE	11028	6853	43
JD	385.0	1020	ρ	Belleville/Gooey	IL		N38 28 40	W089 44 17	EM58DL	1050	653	
JD	389.0	.020		Nikko	-	J	N36 29 23	E139 51 48	PM96WL	10260	6376	
JD	475.0		civ	Fayzabad		TJK	N38 32 36	E069 18 48	MM48PN	10351	6432	
JDM	408.0	1020	٠.٠	Colby/Wheatfield	KS	USA	N39 30 37	W101 02 54	DM99LM	1856	1153	
JDN	263.0	1020	civ	Jordan	MT		N47 20 00		DN67MH	2166	1346	
JDN	360.0	1020	0	UNID		?	=0 00		2			
JDY	331.0		iw	Phillips Petroleum/Judy		IW	N56 41 49	E002 20 13	JO16EQ	5633	3500	45
JE	397.0	1020		•	МО		N38 32 53	W092 04 18	EM38XN	1211	753	
JED	326.0	1020		Jedrzejów			N50 39 14	E020 15 03	KO00DP	6989	4343	45
JEL	489.5	1020		Jelšava		SVK	N48 35 00	E020 16 42	KN08DN	7130	4430	47
JER	371.0			Djerba/Zarzis			N33 52 41	E010 46 22	JM53JV	7514	4669	64
JES	340.0	1020		Jesup/Slover	GA	USA	N31 33 09	W081 53 14	EM91BN	1387	862	190
JEV	390.0	1020				D	N53 31 01	E008 01 08	JO43AM	6112	3798	47
JF	242.5			Jagersfontein		AFS	S29 47 03	E025 25 50	KG20RF	13373	8309	103
JF	335.0			Shengxian		CHN	N29 35 54	E120 48 42	PL09JO	11610	7214	342
JF	373.0	1020	civ	New York/Conda/Conduit	NY	USA	N40 35 13	W073 47 59	FN30CO	594	369	126
JG	256.0			Xinzheng		CHN	N34 47 12	E113 40 12	OM64US	11191	6954	349
JG	375.0			Dehradun		IND	N30 11 24	E078 10 28	MM90CE	11492	7141	20
JH	260.0	1020	civ	Jackson/Brenz	MS	USA	N32 24 48	W090 15 36	EM42UJ	1585	985	220
JH	265.0	400		Julianehåb/Qaqortoq		GRL	N60 43 24	W046 01 46	GP60XR	2896	1800	38
JH	295.0			Fuling		CHN	N29 42 06	E107 22 36	OL39QQ	11825	7348	354
JH	314.0			Jharsuguda		IND	N21 53 48	E084 02 19	NL21AV	12528	7785	17
JH	450.0		civ	Nizhnevartovsk		RUS	N60 54 42	E076 24 54	MP80EV	8183	5085	12
JHG	257.0	1020		Hohenwald	TN	USA	N35 27 45	W087 37 49	EM65EL	1168		220
JHH	412.0	1020		Griffin	GA			W084 13 39	EM73VE	1259		201
JHN	341.0	1020		Johnson/Bear Creek	KS		N37 38 08	W101 44 05	DM97DP	1998	1241	
JI	330.0			Jiwani			N25 04 18	E061 47 59	ML05VB	11411	7091	
JIR	276.0			Jiroft				E057 40 18	LL88UR	10859	6748	37
JJH	523.0	1020		Johnstown	NY		N42 59 58	W074 19 57	FN23UX	427	265	
JK	561.0			Lutsk				E025 21 00	KO20QS	7262	4512	
JK	816.0			Borovoye			N54 40 00	E082 37 00	NO14HQ	8951	5562	
JKK	368.0	400	joi			S		E020 15 48	KP06DK	6030	3747	29
JKP 	287.0			Janakpur				E085 55 18	NL26XR	12046	7485	14
JL 	265.0			Jalalabad				E070 28 31	MM54FJ	10815	6720	
JL 	274.0			Yalta			N44 29 06	E034 08 12	KN74BL	8221	5109	
JL 	344.0	1020		Joplin/Lunns	МО			W094 33 31	EM27RE	1476		245
JL 	387.0	400	-	Kuopio				E027 44 12	KP33UB	6530	4058	
JL 	400.0		CIV	Vladivostok/Knevichi				E132 04 12	PN63AI	9845	6117	
JL 	404.0			Jolo			N06 03 20	E121 01 05	PJ06MB	14105	8764	334
JL 	421.0			UNID		?	NI40 00 00	E005.00.00	LCN LOCK IN C	7444	4005	, .
JL	425.0			Kolomya		UKR	N48 32 00	E025 08 00	KN28NM	7411	4605	44

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
JL	434.0	400	iw	Skjold C		IW	N55 31 54	E004 54 54	JO25KM	5832	3624	45
JL	615.0		iw	DUC Skjold S-A		IW	N55 32 00	E004 55 00	JO25LM	5832	3624	45
JLA	242.0			Jumla		NPL	N29 16 26	E082 11 31	NL19CG	11691	7264	17
JLC	206.0	1020		Julia Creek		AUS	S20 39 54	E141 43 27	QG09UI	15433	9589	291
JM	263.0		civ	Jimma/Aba Segud		ETH	N07 40 04	E036 50 03	KJ87KQ	11458	7119	66
JM	334.0			Nivenskoe		RUS	N54 34 00	E020 36 00	KO04HN	6750	4195	41
JM	395.0	1020	civ	Jamestown/Sabon	ND	USA	N46 51 46		EN06RU	1530	950	289
JMR	257.0			Jamnagar		IND		E070 03 59	ML52AM	12026	7472	29
JMR	327.0	1020	civ	Mora	MN		N45 53 25	W093 16 05	EN35IV	1112	691	286
JN	263.0	1020		Smithfield/Jurly	NC		N35 28 30		FM05SL	939	584	174
JN	365.0	400		Muncie/Balll	IN		N40 10 51	W085 19 15	EN70IE	637	396	232
JNC	395.0	4000	iw	Kerr McGee/Janice Alpha	O 4	IW		E002 14 54	JO16CJ	5641	3505	45
JNM JNR	392.0	1020		Monroe	GA		N33 44 15	W083 43 37	EM83DR	1187	737	200 324
JNK	382.0 340.0		civ		AK	IND	N63 54 28 N26 15 01	W160 48 43 E073 01 58	AP93OV ML66MG	5342 11749	3320 7300	324 25
JOA	217.0			Jodhpur San Joaquin			S13 04 02		FH76OW	6480	4027	163
JOE	325.0	400	civ	Joensuu		FIN	N62 41 10		KP42RQ	6627	4118	30
JOK	394.0	400		Kauhajoki		FIN	N62 29 54		KP12HL	6351	3946	33
JÖR	515.0	400	CIV	UNID		?	1102 23 34	L022 33 34	IXI IZIIL	0001	3340	55
JP	223.0			Jaipur		IND	N26 49 06	E075 47 32	ML76VT	11780	7320	23
JP	401.0	400	civ	•		FIN	N62 38 16	E029 45 27	KP42VP	6642	4127	30
JP	402.5			Gravelotte		AFS	S23 54 00	E030 41 00	KG56IC	13396	8324	95
JP	622.0		civ	Karshi		UZB	N38 51 36	E065 45 24	MM28VU	10197	6336	26
JPA	347.0	1020	civ	La Porte/Sanjac	TX	USA	N29 40 06	W095 04 11	EL29LQ	2099	1304	226
JPA	397.0			Chandragadhi		NPL	N26 34 12	E088 04 39	NL46AN	12100	7518	12
JPG	205.0	1020		Jacarepaguá		В	S22 59 16	W043 22 08	GG87HA	8271	5139	146
JPS	320.0			João Pessoa		В	S07 08 26	W034 57 09	HI22MU	7206	4477	130
JQ	225.0			Bomnak		RUS	N54 43 00	E128 51 00	PO44KR	8753	5439	344
JR	245.0			Johor Bahru				E103 39 36	OJ11TQ	14947	9288	356
JR	280.0			Jessore			N23 10 31	E089 09 42	NL43NE	12488	7760	11
JR 	320.0			Khvalynka			N44 36 48		PN64KO	9692	6022	338
JR	370.0	400	civ			FIN	N62 13 30	E027 46 50	KP32VF	6588	4094	31
JR JRM	789.0	700		UNID		?	N20 25 07	T052 25 02	LLCOTO	10660	6629	40
JRM	374.0 384.0			Jahrom Jeremie		IRN HTI	N28 35 07 N18 39 54		LL68TO FK28WP	10668 2841	1766	40 168
JRP	420.0	1900		São José do Rio Preto		В	S20 48 47	W049 24 22	GG59HE	7793	4843	150
JRV	375.0	1020	civ	Morrisville/Stowe	VT	USA		W073 27 22 W072 35 14	FN34QN	554	344	80
JRZ	433.0	1020		Jerez	٠.	E	N36 50 04		IM66XU	6080	3778	70
JS	220.0	.020	0.1	Johannesburg		AFS	S26 12 37		KG43CS	13356	8299	98
JS	372.0			UNID		?						
JS	400.0			Jamshedpur		IND	N22 48 54	E086 10 09	NL32CT	12474	7751	14
JS	403.0			Jos		NIG	N09 52 01	E008 52 57	JJ49KU	9125	5670	84
JSL	400.0			Kota Kinabalu		MLA	N05 53 59	E116 02 42	OJ85AV	14275	8870	340
JSM	250.0			Jose de San San Martin		ARG	S44 03 29	W070 26 04	FE45SW	9783	6079	174
JSN	380.0			Jackson		PNG	S09 22 34	E147 10 37	QI3000	14122	8775	296
JSO	263.0	1020			TX			W095 12 56	EM21JU	1918		
JST	405.0	1020	civ	Nis/Justic				E021 37 53	KN03TK	7573	4705	50
JT 	217.0			Jorhat				E094 08 47	NL76BR	12159	7555	6
JT 	281.0	1020		Jandakot Otanka mailla				E115 53 12	OF77WV	18141	11273	
JT	390.0	400	CIV	Stephenville	NL		N48 32 38	W058 45 17	GN08ON	1673	1039	65
JT	435.0		<b>a</b> !	UNID		?	NO4 50 05	E024 27 00	IZ IEATU	11000	7040	74
10 10	364.0 410.0	1020	CIV	Juba Jefferson/Ashee	NC			E031 37 02 W081 19 19	KJ54TU EM96IK	11296 844	7019	71 192
JÜ JÜ	410.0	1020		UNID	NC	05A ?	1430 20 02	vvuo i 19 19	⊏IVI90I <b>r</b> \	044	524	192
JUE	424.0	1020		Lebanon	TN		N36 11 32	W086 18 50	EM66UE	1036	643	217
JUG	388.0	1020		Seagoville/Mesquite/Jecca	TX			W096 31 56	EM12RQ	1939	1205	
	555.0	. 525		23432ormooquitoroood		33,1	.102 10 00	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2.13	.000	00	_50

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
JUJ	255.0			Jujuy		ARG	S24 23 00	W065 05 48	FG75KO	7701	4785	166
JUK	353.0	1020	civ	Brunswick/Mc Kinnon	GA	USA	N31 09 13	W081 23 22	EM91HD	1424	885	188
JUY	264.0	1020	mil	Andalusia-Opp/Judd (Army)	AL	USA	N31 18 16	W086 23 27	EM61TH	1524	947	206
JV	331.0	1020		Jeffersonville/Catch	IN		N38 28 26	W085 44 14	EM78DL	800	497	223
JV	360.0			Jovellar				E123 35 44	PK13TB	13279	8251	334
JV	367.0	400		Ilulissat/Jakobshavn			N69 14 29	W051 04 21	GP49LF	3252	2020	20
JVS	203.0	1020		Jervois			S22 56 57	E136 08 42	PG87BB	16023	9956	294
JW	281.0			Yongfu				E110 01 06	OL55AA	12314	7652	
JW	329.0	400		Jersey		G		W002 13 18	IN89VE	5691	3536	55
JW	388.0	400	civ	Pigeon/Jumping Pound Creek	AB	CAN	N51 02 42	W114 37 48	DO21QB	2739	1702	299
JW	766.0	4000		UNID	014	?	NOE 54 40	W000 05 04	ENACECIA	4045	4447	040
JWG	359.0	1020	CIV	Watonga	OK		N35 51 43	W098 25 31	EM05SU	1845	1147	248
JWN	277.5	4000	<b>-</b> :	Jwaneng	N 41		S24 36 02	E024 41 09	KG25IJ	12966	8057	99
JX	212.0	1020	CIV	Jackson/Jakso Waivian	MI		N42 19 04		EN72TH	436	271	248
JX	345.0	400		Weixian				E114 55 00	OM76LI	11000	6835	348
JX JX	349.0 395.0	400	pri	Växjö/Kronoberg Fuzhou		S	N56 59 46 N26 09 00	E014 45 27 E119 10 48	JO76JX OL96OD	6296 12020	3912 7469	41 343
JXT	346.0	1020		Morristown/Jefferson	TN		N36 06 36	W083 28 31	EM86GC	930	578	203
JY	305.0	1020		Dagushan	IIN		N41 03 48	E123 07 18	PN11NB	10328	6418	343
JYG	260.0	1020		St. James	MN		N43 59 08	W094 33 08	EN23RX	1210	752	
JYG	307.0	1020		Jericho	IVIIN		N31 51 00		KM71RU	9340	5803	51
JYL	245.0	1020	civ	Sylvania	GA		N32 38 57	W081 35 38	EM92EP	1262	784	189
JYN	208.0	1020	011	Goldsboro/Wayne	NC		N35 31 34		FM15BM	939	583	171
JYO	391.0	1020	ioi	Amman/Marka Intl	110			E036 03 56	KM82AA	9364	5818	50
JYR	257.0	1020	-	York	NE		N40 53 51	W097 37 01	EN10EV	1528	950	264
JYR	399.0			Ramtha			N32 33 00		KM82AN	9315	5788	50
JYT	302.0			Qatraneh				E036 02 50	KM81AF	9426	5857	51
JYV	296.0	400	civ	Jyväskylä		FIN	N62 20 42	E025 48 12	KP22VI	6497	4037	32
JZ	336.0	400	mil	Vidsel/Myrheden		S	N65 50 42	E020 20 00	KP05EU	6064	3768	30
JZ	338.0	1020		Lawrence/Newbn	KS	USA	N38 54 50	W095 09 14	EM28KV	1421	883	253
JZI	283.0	1020	civ	Charleston/Johns Island	SC	USA	N32 42 05	W080 00 21	EM92XQ	1244	773	182
JZP	285.0	1020	civ	Jasper/Pickens County	GA	USA	N34 27 25	W084 27 38	EM74SK	1133	704	204
JZR	205.0			Juazeiro do Norte		В	S07 12 50	W039 16 28	HI02IS	6953	4321	134
JZY	251.0	1020		Macomb	IL		N40 31 06	W090 33 37	EN40RM	990	615	252
K	150.0		civ	Novosibirsk/Tolmachevo		RUS						
K	195.0		civ	Vladivostok/Knevichi			N43 24 30		PN63CJ	9837	6113	338
K	230.0			Noibai			N21 13 41		OL21VF	12774	7937	355
K	240.0		civ	Krasnodar/Pashkovsky				E039 09 42	KN95NA	8444	5247	40
K	250.0		civ	Narimanovka/Kostanay				E063 31 00	MO13SE	8680	5394	22
K	288.0	700		Kartuzy				E018 11 00	JO94CH	6639	4125	42
K	288.0			Pushkin			N59 41 00	E030 21 00	KO59EQ	6873	4271	33
K	297.0		ء.: م	UNID Koreki		?	NOO 47 00	E065 47.00	N 4 N 4 O O V / T	10005	6044	00
K	301.0			Karshi Kaman Opennosti				E065 47 00	MM28VT	10205	6341	26
K	315.5	1000		Kamen Opasnosti	10/0			E142 13 25 W123 24 08	QN15CT	9255	5751	332
K K	317.0 322.0	1020		Port Angeles/Ediz Hook (Coast Guard)	WA			E013 09 30	CN88HD JM62NQ	3389 7769	2106 4827	294 64
K K	322.0			Tripoli/Kilo Balandino				E013 09 30 E061 29 00	MO05RH	8413	5227	22
K	334.0		CIV	Arkhangelsk/Talagi				E040 46 00	LP04JO	6906	4291	25
K	335.0	400	civ	Kitchener/Kilo/Waterloo Regional	ON			W080 17 13	EN93UL	80	50	
K	343.0	400	J1 V	UNID	J. 1	?			,,,,,,	00	00	_0,
K	345.0	100	civ	Tsakalovskij		-	N55 53 00	E038 01 00	KO95AV	7494	4657	33
K	348.0	400	٠.٠	Santiago de Cuba				W075 56 07	FK29AX	2673	1661	172
K	358.0		civ	Stavropol/Shopakovskoye				E042 08 42	LN15BC	8587	5335	38
K	385.0			Košice/Haniska				E021 14 06	KN08OP	7182	4462	46
K	389.0		•	Anadyr/Ugolny				E177 44 00	RP84UR	6249	3883	
K	402.0	400		Kauhajoki		FIN		E022 26 06	KP12FL	6345	3943	33
				•								

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
K	403.0	-	civ	Yubileinyi			N46 02 30	E063 12 00	MN16OB	9386	5832	25
K	410.0	1020	civ	Kaliningrad/Khrabrovo		KAL	N54 54 00	E020 37 30	KO04HV	6730	4182	41
K	426.0			UNID		?						
K	438.0	1020	joi	Praha Kbely/Kalda		CZE	N50 07 49	E014 34 00	JO70GD	6693	4159	48
K	459.0		mil	Taszár		HNG	N46 24 47	E017 54 41	JN86WJ	7136	4434	50
K	509.0		civ	Mykolaivka				E031 56 36	KN57XB	7897	4907	42
K	597.0		civ	Novosibirsk/Tolmachevo				E082 41 42	NO15IA	8914	5539	10
K	618.0			Karaganda				E073 22 05	MN69QQ	9306	5783	17
K	660.0		civ	Kala				E050 11 00	LN50CJ	9400	5841	36
K	660.0		civ	Tiksi				E128 54 12	PQ41KR	6987	4342	350
K	700.0	400*	civ	St. Petersburg/Pulkovo				E030 11 30	KO59CT	6857	4261	33
K	705.0		civ				N49 26 00		KN59XK	7715	4794	40
K	749.0		CİV	Nizhnekamsk/Begishevo				E052 06 00	LO65BN	8079	5020	26
K K	795.0 910.0		CİV	Krasnoyarsk Tver/Migalovo				E092 30 30 E035 47 30	NO66GE KO76VT	8887 7323	5522 4550	5 33
K	910.0		civ civ	Novosibirsk		RUS		E083 01 18	NO15MC	8908	5535	10
K	985.0		Civ	Gyandzha				E046 20 18	LN30ER	9182	5705	38
K	996.0		Civ	Kogalym			N62 12 30		MP72GE	8014	4980	12
K1	303.0		Civ	Senex Creek/Gulf Canada	AB		N57 01 46		DO27PA	2853	1773	313
K2	376.0	1020		Olds-Didsbury	AB		N51 42 37		DO21WR	2708	1682	301
K3	405.0			Haditha/K3	,		N34 05 00		LM14EB	9558	5939	45
K4	353.0	400		Legend Lake gas plant	AB		N57 12 00		DO37NE	2750	1709	314
K5	238.0	1020		Maple Creek	SK		N49 53 49	W109 29 01	DN59GV	2365	1470	297
<b>K</b> 7	211.0	400		Ste-Anne-des-Monts	QC	CAN	N49 07 43	W066 33 00	FN69RD	1147	712	55
K8	214.0	400	civ	Nemiscau	QC	CAN	N51 41 20	W076 08 03	FO11WQ	901	560	15
KA	244.0			Cape Monze		PAK	N24 49 41	E066 39 52	ML34HT	11651	7239	31
KA	245.0			Karonga		MWI	S09 57 06	E033 53 42	KI60WB	12640	7854	81
KA	273.0			Kasese		UGA	N00 11 18	E030 05 57	KJ50BE	11552	7178	76
KA	274.0			Kaadedhdhoo		MLD	N00 29 45	E072 59 43	MJ60LL	14383	8937	37
KA	292.0			Kanpur Chakeri		IND	N26 25 01	E080 23 54	NL06EK	11954	7428	19
KA	294.5	0		Kaybolovo				E028 02 00	KO49AS	6767	4205	34
KA	299.0			Karaganda			N49 41 54		MN69QQ	9306	5782	17
KA	303.0			Kórnik				E017 08 00	JO82NG	6709	4169	45
KA	305.0	U	mar	Klaipeda		LTU ?	N55 43 40	E021 05 52	KO05NR	6702	4164	40
KA KA	306.7 312.5	0	mar	UNID Mys Kyz-Aul		-	N45 03 36	E036 22 30	KN85EB	8295	5154	41
KA	318.5	U	IIIai	Voronezh-Baltimor			N51 49 00	E030 22 30	KO91OT	7880	4897	35
KA	369.0	400	mil	Karup				E009 14 13	JO460H	6037	3751	43
KA	380.0	400		Tirana/Rinas		ALB	N41 22 03		JN91UI	7600	4722	53
KA	395.0		0	Ust-Kulom				E053 42 00	LP61UQ	7569	4703	22
KA	404.0			Karratha				E116 47 02	OG89JH	17030	10582	
KA	407.0	400	pri	Karlskoga		S	N59 19 06	E014 28 36	JO79FH	6154	3824	38
KA	430.0	1020		UNID		?						
KA	440.0			Khurba		RUS	N50 24 31	E136 56 00	PO80LJ	8979	5580	338
KA	455.0			UNID		?						
KA	480.0		enr	Dzhizak		UZB	N40 17 00	E067 57 00	MN30XG	10128	6293	24
KA	912.0			Karakol		KGZ	N42 31 06	E078 21 30	MN92EM	10182	6327	16
KA	1020.0		civ	Olzony				E105 13 00	00220W	9264	5756	357
KA	1100.0	1020		Konstantinovsk				E041 07 00	LN07NO	8322	5171	37
KA	1155.0	1020	enr	Kaniv				E031 26 36	KN59RR	7663	4761	40
KAB	315.5			Ras El Nakab				E034 44 15	KL79IO	9480	5891	53
KAD	330.0			Izmir/Adnan Menderes/Kadifekale				E027 08 54	KM38NJ	8290	5151	51 05
KAE	289.0	400		Kaédi				W013 30 27	IK36FD	6861	4263	95
KAI	340.0	400	mıl	Utti/Kaipi Kaiptaur				E027 06 24	KP30NV	6648	4131	33
KAI	342.0	400	ois e	Kaiaani				W058 16 02	GJ05UF	4762 6444	2959	148
KAJ	337.0	400	CIV	Kajaani		LIIN	1104 10 23	E027 31 48	KP34SG	6444	4004	29

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KAL	326.0			Kalima		ZAI	S02 35 09	E026 44 59	KI37IJ	11506	7149	80
KAM	308.0			Kamsar		GUI	N10 39 45	W014 36 24	IK20QP	7185	4464	100
KAM	318.0			Kathmandu		NPL	N27 41 38	E085 21 13	NL27QQ	11928	7412	14
KAM	328.0	1020	civ	Ljubljana/Brnik/Dolsko		SVN	N46 06 18	E014 40 32	JN76IC	6956	4322	51
KAM	406.0			Kamarang			N05 53 00		FJ95QV	4597	2856	151
KAR	314.0			Kadra				E013 37 00	JM62TI	7825	4862	64
KAR	431.0		civ	Kars				E043 07 27	LN10NN	9032	5612	40
KAS	287.0			Kasane			S17 49 23	E025 09 23	KH22NE	12524	7782	93
KAT	233.0	400		Katoomba			S33 42 39	E150 17 59	QF56DG	15624	9708	268
KAV	265.0	1020	civ	Pula/Kavran				E014 00 30	JN74AV	6992	4345	53
KAV	368.0			Kavieng			S02 35 11	E150 48 48	QI57JJ	13288	8257	298
KAV	398.0		:_:	Kavanayen			N05 35 14		FJ95CO	4585	2849	153
KAZ KB	358.0		joi	Kahrizak for Tehran/Mehrabad		IRN		E051 22 00	LM55QM	9908	6156	38
KB	240.0 275.0		oiv	Kota Bharu				E102 15 12 E007 51 42	OJ16DE JP33WC	14456 5652	8983 3512	358 36
KB	293.0		CIV	Kristiansund/Kvernberget/Haltvik		TZA		E036 41 41	KI86IK	12362	7681	74
KB	293.0			Kilimanjaro Krabi			N08 06 19	E036 41 41 E098 58 28	NJ98LC	14243	8850	2
KB	321.0			Kamembe			S02 27 49	E028 54 30	KI47KM	11667	7249	79
KB	335.0			Kribi				E009 58 11	JJ42XU	9746	6056	88
KB	365.0			Kabul				E069 18 00	MM44PN	10761	6687	25
KB	378.0			Kembe			N04 36 49		KJ04WO	10559	6561	79
KB	399.0			Kariba				E028 49 25	KH43JL	12725	7907	90
KB	402.0	1020	iw	Placid B		IW	N53 20 31		JO13WI	5877	3652	48
KB	412.0			UNID		?						
KB	740.0		civ	St. Petersburg/Siverskij		RUS	N59 22 00	E030 03 00	KO59AI	6882	4276	33
KB	740.0			Novgorod		RUS	N58 30 00	E031 20 00	KO58QM	7001	4350	33
KB	790.0		civ	Anadyr/Ugolny		RUS	N64 41 24	E177 42 36	RP84UQ	6252	3885	330
KB	825.0	1020	civ	Kiev/Borispol		UKR	N50 23 11	E030 53 08	KO50KJ	7585	4713	40
KB	1651.0			UNID		?						
KBA	431.0			Karlsruhe/Baden-Baden		D		E008 05 51	JN48BT	6377	3963	52
KBG	312.0	400		Karlsborg		S		E014 22 50	JO78EL	6194	3849	39
KBV	283.0	400	enr	Kobbevag for Tromsø/Langnes				E018 49 18	JP99JM	5819	3616	26
KC	200.0	_		Kerinci		INS	S02 05 30	E101 27 56	OI07RV	15372	9552	
KC	250.0	0		Koumac				E164 15 34	RG29DK	13656	8485	273
KC	271.0			Karachi				E067 09 32	ML34NW	11662	7246	31
KC KC	294.5 360.0	1020	mar	Kashkarantsy				E036 01 00 E136 54 59	KP86AH PM85KG	6613 10501	4109 6525	25 331
KC	393.0	1020		Nagoya UNID		J ?	1133 13 34	□ 130 54 59	FINIOSKG	10301	0323	331
KC	393.0			Laibin		-	N23 44 36	E109 12 54	OL43OR	12463	7744	352
KC	580.0			Kacha				E033 34 00	KN64SS	8169	5076	43
KC	602.0		civ	Kuznetsovka				E040 58 00	LN07LJ	8333	5178	37
KCH	398.0		iw	Ketch Platform/Shell UK Ltd		IW	N54 02 57		JO14FB	5759	3579	48
KCW	297.0			Kampong Chhnang				E104 33 48	OK22GF	13775	8559	355
KCY	392.0			Kilcoy				E152 34 22	QG63GB	15028	9338	275
KD	223.0			Hyderabad		PAK	N25 19 22	E068 21 44	ML45EH	11670	7252	30
KD	260.0			Kadhdhoo		MLD	N01 51 16	E073 31 15	MJ61SU	14272	8868	35
KD	280.0			Klerksdorp		AFS	S26 53 12	E026 43 22	KG33IC	13283	8253	100
KD	297.5	0	mar	Mys Kodoshskiy/Tuapse		RUS	N44 05 54	E039 02 18	KN94MC	8515	5291	41
KD	300.0	1020	mil	Praha/Ruzyně East/Kbely/"Karbid"		CZE	N50 09 09	E014 38 12	JO70HD	6696	4161	48
KD	335.0			Kandla				E070 06 27	ML53BC	11965	7435	29
KD	344.0			Kolda				W014 57 59	IK22MV	6988	4342	98
KD	357.0	400		Kolding/Vamdrup				E009 20 12	JO45QK	6087	3782	44
KD	375.0	400	-	Kristianstad/Everöd		S		E014 04 48	JO75AV	6323	3929	42
KD	416.0	400	mil	Taszár			N46 26 14	E017 54 07	JN86WK	7133	4433	50
KD	435.0			UNID		?	NEC 44.55	E000 04 05	1/05050	22-2	40=4	00
KD	596.0			St. Petersburg/Pushkin		KUS	N59 41 00	E030 21 00	KO59EQ	6873	4271	33

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KD	715.0	112		Novotyryshkino	O/I		N55 17 00	E082 24 00	NO15EG	8881	5518	10
KD	925.0			Kurdaysky			N43 18 00	E074 57 00	MN73LH	10017	6225	18
KDN	385.5	1020		Tunis/Carthage/Khereddine			N36 49 30	E010 18 35	JM56DT	7279	4523	62
KDR	314.0	.020	0	Kadra			N32 22 00	E013 37 00	JM62TI	7825	4862	64
KE	262.0			Kasompe		ZMB		E027 53 00	KH37WK	12357	7679	87
KE	267.0			Kushimoto		J	N33 26 57		PM73VK	10727	6665	
KE	270.0	0		Kone		NCL	S21 05 20	E164 50 51	RG28KV	13647	8480	272
KE	275.0			Kitona Base		ZAI	S05 54 16	E012 27 35	JI64FC	10616	6596	93
KE	285.0			Kinshasa Ndjili		ZAI	S04 22 20	E015 27 40	JI75RP	10740	6674	90
KE	345.0			Cherlyany		UKR	N49 44 00	E023 40 00	KN19UR	7244	4501	44
KE	410.0			Chor		PAK	N25 31 12	E069 46 15	ML45VM	11705	7273	29
KE	425.0	1020	joi	Košice		SVK	N48 35 17	E021 12 54	KN0800	7184	4464	46
KE	535.0	400*	enr	Kikerino		RUS	N59 27 00	E029 38 00	KO49TK	6858	4261	33
KE	750.0		civ	Limanskoe		UKR	N46 40 00	E030 00 00	KN56AQ	7822	4860	44
KE	825.0	1020	civ	Kiev/Borispol		UKR	N50 16 59	E030 52 41	KO50KG	7592	4717	40
KEF	318.0		civ	Kefallinia		GRC	N38 06 56	E020 29 57	KM08FC	7885	4900	55
KEK	403.0	400	civ	Kerkyra/loannis Kapodistrias		GRC	N39 35 16	E019 54 42	JM99WO	7740	4809	54
KEM	272.0			Uonquen		VEN	N05 14 00	W061 46 00	FJ95CF	4621	2871	153
KEM	373.0	400	civ	Kemi-Tornio		FIN	N65 50 47	E024 36 10	KP25HU	6231	3872	29
KER	290.0		civ	Kerman		IRN	N30 15 33	E056 57 53	LM80LG	10678	6635	37
KER	334.0	400	pri	Kerry/Farranfore		IRL	N52 10 56	W009 31 28	IO52FE	5088	3162	54
KF	265.0		civ	Kiffa		MTN	N16 37 22	W011 24 11	IK46HO	6995	4347	93
KF	296.0			Gharo			N24 46 30	E067 34 00	ML34SS	11694	7266	31
KF	301.1		mar	Kefken Adasi			N41 13 00		KN51DF	8261	5133	47
KF	320.0		civ	Tiksi			N71 44 24	E128 54 48	PQ41KR	6985	4340	
KF	392.0	1020	-	Keflavik		ISL		W022 43 54	HP83PX	4148	2577	37
KFK	324.0			Afyon			N38 48 17	E030 32 49	KM58GT	8469	5263	49
KFR	317.0	4000	civ	Kufra		LBY		E023 19 50	KL14PF	9135	5676	64
KFT	374.0	1020	CIV	Klagenfurt			N46 37 31	E014 32 03	JN76GP	6913	4296	51
KG KG	201.0 263.0			Kajiki Kishanganj		J IND	N31 48 04 N26 06 05	E130 43 28 E087 56 30	PM51IT NL36XC	11081 12149	6885 7549	334 12
KG	287.0			Kalgoorlie			S30 46 40	E121 26 22	PF09RF	17673	10981	302
KG	297.5		mar	Krutogorova			N55 06 00	E155 36 00	QO75TC	7871	4891	330
KG	305.0		mai	Lilongwe			S13 44 19	E033 43 01	KH66UG	12912	8023	84
KG	312.5			UNID		?	010 11 10	2000 10 01	1410000	12012	0020	0.
KG	324.5	0		UNID		?						
KG	326.0		mil	Kramfors/Bjärtrå		S	N63 07 23	E017 44 32	JP83UC	6102	3792	33
KG	357.5	400		Sarajevo/Butmir/Kobiljaca		BIH	N43 52 53	E018 10 37	JN93CV	7325	4552	52
KG	394.0			Kigoma		TZA	S04 53 18	E029 40 09	KI45UC	11915	7404	80
KG	395.0			Longkou		CHN	N29 57 00	E113 46 00	OL69VW	11718	7281	348
KG	395.0			Koggala		CLN	N05 59 42	E080 19 24	NJ05DX	14120	8774	25
KG	400.0			Kengtung		BRM	N21 18 10	E099 37 58	NL91TH	12785	7944	1
KG	404.0	400	civ	Stokmarknes/Kjerringnes				E015 28 27	JP78RP	5737	3565	28
KG	479.0		civ	Kamo		ARM	N40 21 00	E045 07 00	LN20NI	9154	5688	39
KG	490.0		civ	Kogalym				E074 33 18	MP72GF	8011	4978	12
KH	242.0			Katihar				E087 33 21	NL35SN	12200	7581	12
KH	303.5		mar	Kikhehik				E156 02 00	QO83AK	7998	4969	
KH	315.0			Kuching				E110 21 43	OJ51EL	14883	9248	
KH	343.0		CIV	Khartoum				E032 33 03	KK65GP	10489	6518	63
KH	400.0			Korhogo		CTI		W005 37 48	IJ79EJ	7996	4969	94
KH	405.0			Khuzdar			N27 47 51	E066 38 19	ML37HT	11350	7053	30
KH	485.0		enr	Kakhovka			N46 48 30	E033 29 48	KN66RT	8001	4971	42
KH	525.0		<b>~</b> ~~	UNID Khuat		?	NI40 44 00	E022 20 00	KN1400E	7044	4500	4.5
KH KHA	770.0 403.0			Khust Khurais			N48 11 00	E023 30 00 E048 11 42	KN18SE LL45CB	7344 10698	4563 6647	45 46
KHA	381.0		•	Knurais Kahta/Adiyaman				E048 11 42 E038 27 33	KM97FR	9023	5607	46 45
KHD	301.0		CIV	Nama/Autyaman		IUK	143 21	LU30 Z1 33	IVIND/ LK	9023	5007	40

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KHG	325.0			Khark Island		IRN	N29 15 38	E050 19 17	LL59DG	10433	6483	42
KHM	233.0		civ	Dayrestan/Ghesim Island		IRN		E055 54 28	LL76WS	10960	6810	39
KHM	374.0		civ	Kahramanmaras		TUR	N37 32 17	E036 57 13	KM87LM	8952	5563	46
KHR	327.0		civ	Kavala/Megas Alexandros/Chrisoupolis		GRC	N40 55 37	E024 37 58	KN20HW	7942	4935	51
KHZ	422.0			Astypalaia		GRC	N36 44 43	E026 22 31	KM36ER	8371	5201	53
KI	230.0			Kanti		BRM	N25 59 14	E095 40 29	NL75UX	12251	7612	5
KI	291.5		mar	Kil'dinskiy Sev				E034 09 06	KP79BJ	6336	3937	23
KI	309.0			Kirensk			N57 46 24		OO47BS	8714	5415	
KI	313.0		civ	Klagenfurt				E014 23 00	JN76EP	6903	4289	51
KI	347.0			Kisumu			S00 04 44		KI79IW	11931	7414	73
KI	350.0			Kaikoura			S42 25 13	E173 41 44	RE67UN	14271	8868	245
KI	355.0	400						E026 44 00	KO33IV	7114	4420	39
KI	360.0			Kiev/Zhulyany				E030 23 21	KO50EJ	7558	4696	40
KI KI	370.0 382.0		CIV	Kirbaltabay		KAZ	N43 35 25 N28 19 04	E077 29 12 E129 55 26	MN83RO PL48XH	10048 11469	6243 7126	17 334
KI	465.0			Kikai UNID		?	11/20 19 04	E 129 33 20	FL40AII	11409	/ 120	334
KI	705.0	1020	civ	Tsakalovskij		-	N55 54 48	E037 58 48	KO85XV	7490	4654	33
KID	443.0	1020	CIV	Kidston			S18 52 14	E144 10 12	QH21CD	15110	9389	291
KIH	201.0	1020	civ	Kish Island		IRN		E053 57 10	LL66XM	10881	6761	41
KII	332.0			King Island			S39 53 21	E143 52 31	QF10WC	16439	10215	
KIK	308.0			Kikori			S07 25 39	E144 15 03	QI22DN	14163	8800	
KIL	353.0	400	joi	Kiel/Holtenau		D	N54 22 39	E010 07 12	JO54BJ	6187	3845	45
KIM	365.0	400	civ	Humberside		G	N53 34 24	W000 21 06	IO93TN	5610	3486	49
KIN	285.0			Kindu		ZAI	S02 54 06	E025 54 42	KI27WC	11464	7123	81
KIN	360.0	1020		Kingston		JMC	N17 57 48	W076 52 33	FK17NX	2885	1793	174
KIS	315.0			Kisangani Bangoka		ZAI	N00 27 50	E025 21 00	KJ20QL	11158	6933	79
KIT	328.0	400	civ	Kittilä		FIN	N67 37 23	E024 53 51	KP27KO	6137	3814	27
KIT	350.0			Kitona Base		ZAI	S05 54 20	E012 25 36	JI64FC	10613	6595	93
KIT	372.0		civ	Kithira		GRC			KM16MG	8188	5088	55
KIU	1692.0	1020		Kiunga			S06 07 18		QI03PV	14249	8854	
KJ	294.5		mar	Karaginski				E163 32 00	RO18SN	7263	4513	
KJ KJ	311.0 352.0			Karimunjawa Komatsujima		INS	S05 48 14 N33 58 37		OI54FE PM73HX	15675 10717	9740 6659	
KJ	403.0			Khajuraho		IND	N24 49 14		ML94XT	12111	7526	20
KJ	480.0			Chortkov		UKR		E025 44 00	KN28UX	7412	4606	44
KJ	598.0		mil	Kaposujlak/Kaposvar			N46 23 00	E017 42 00	JN86UJ	7125	4427	50
KJ	662.0		civ	Balandino			N55 18 48	E061 25 42	MO05RH	8410	5226	22
KK	226.0	1020		Kerikeri		NZL	S35 15 43	E173 54 40	RF64WR	13851	8607	252
KK	236.0			Kankesanturai		CLN	N09 47 46	E080 04 20	NJ09AT	13711	8520	24
KK	267.0			Kapteinskop		AFS	S32 43 00	E018 34 18	JF97GG	13037	8101	110
KK	283.0		civ	Kulusúk		GRL	N65 31 48	W037 09 24	HP15KM	3520	2188	32
KK	286.0			Kong Kong				E103 59 24	OJ11XM	14962	9297	
KK	293.0			Menongue			S14 40 00		JH85UH	11699	7269	96
KK	326.0		pri	Karlskoga		S		E014 32 48	JO79GJ	6152	3823	38
KK	425.0			Koh Kong				E103 00 00	OK11MO	13852	8607	
KK	605.0	1020	onr	Samara/Bobrovka				E050 43 00	LO53ID	8250	5126	29
KK KKA	1145.0 299.0	1020		Krasnoarmiisk Koyuk	٨٧			E037 12 00 W161 08 52	KN88OH AP94KW	8071 5327	5015 3310	39 326
KKS	326.0	<b>4</b> 00		Kirkenes/Høybuktmoen	AK			E030 06 52	KP59BS	6185	3843	23
KKW	320.0	700	CIV	Kikwit				E030 00 52	JI94JX	11060	6873	88
KL	203.0	400	civ	Schefferville	QC			W066 51 44	FO64NU	1519	944	32
KL	225.0			Kalay				E094 03 18	NL73AE	12547	7797	6
KL	255.0			Kayell				E101 37 13	OJ03TA	14808	9201	
KL	271.0			Kumasi				W001 35 02	IJ96ER	8522	5295	93
KL	283.0			Kilimanjaro		TZA	S03 26 09	E036 55 29	KI86LN	12368	7685	73
KL	291.5		mar	Nos Kaliakra		BUL	N43 21 48	E028 30 18	KN43GI	7991	4965	47

Call	kHz	Hz	Т	Station	S/P ITU	Lat	Long	Loc	km	mi	0
KL	298.0			Kalibo	PHL	N11 41 13	E122 22 52	PK11EQ	13466	8368	335
KL	320.0		civ	Kala	AZE	N40 21 18	E050 12 00	LN50CI	9403	5843	36
KL	332.0			Katima Mulilo	NMB	S17 38 03	E024 10 54	KH22CI	12433	7725	94
KL	352.0			Akola	IND	N20 41 39	E077 03 09	ML80MQ	12464	7745	24
KL	360.0			UNID	?						
KL	486.0	1020	enr	Krasny Sulin	RUS	N47 53 00	E040 06 00	LN07BV	8250	5126	37
KL	518.0		enr	Arkalyk	KAZ	N50 19 00	E066 58 00	MO30LH	9072	5637	21
KL	825.0		enr	Kalinovka	KGZ	N42 42 00	E075 22 00	MN72QQ	10091	6270	18
KLH	325.0			Kalaleh	IRN	N37 23 18	E055 27 24	LM77RJ	9925	6167	34
KLP	318.0	800	civ	Dubrovnik/Kolocep	HRV	N42 40 09	E018 01 15	JN92AQ	7399	4598	53
KLY	378.0	400	enr	Killiney for Dublin	IRL		W006 06 23	IO63WG	5266	3272	51
KM	232.0			Kalimaru	INS	N02 09 38	E117 26 01	OJ82RD	14634	9093	
KM	232.0			Komatsu	J	N36 24 20	E136 25 04	PM86FJ	10405	6465	
KM	246.0			Kamalpur	IND	N24 07 56	E091 48 40	NL54VD	12420	7717	9
KM	276.0			Dahushan	CHN		E122 07 48	PN11BP	10289	6394	
KM	310.5		mar	Krynica Morska			E019 27 12	JO94RJ	6701	4164	42
KM	312.0			Kapiri Mposhi		S13 58 05	E028 41 25	KH46IA	12526	7783	88
KM	318.5		mar	Mys Sosunova		N46 31 30	E138 19 00	PN96DM	9323	5793	
KM	340.0			Khamampet	IND	N17 14 34	E080 08 24	NK07BF	12925	8031	22
KM	360.0			Huailai		N40 23 36	E115 29 30	ON70RJ	10550	6555	
KM	365.0	400		Kimberley	AFS	S28 47 32	E024 46 52	KG21JE	13257	8237	
KM	366.0	400	civ	Kalmar	S	N56 44 51	E016 13 40	JO86CR	6387	3969	41
KM	387.0			Kamyshin		N50 04 00	E045 25 00	LO20RB	8308	5162	33
KM	430.0			Kamenskoe		N62 25 00	E166 06 00	RP32BK	6864	4265	
KM KM	445.0 486.0		oiv.	Kem		N64 56 48 N40 41 54	E034 29 48 E046 22 48	KP74FW LN30EQ	6661 9186	4139 5708	27 38
KM	485.0 685.0		CIV	Gyandzha Kamyshin		N50 04 00	E046 22 46 E045 25 00	LO20RB	8308	5162	33
KM	690.0	400*	civ	Arkhangelsk/Talagi	RUS	N64 35 42	E040 50 12	LP04KO	6909	4293	25
KM	950.0	400		Komissarvho		N46 16 00	E035 01 00	KN76MG	8125	5049	41
KMB	276.0		CIII	Kamina Base	ZAI	S08 39 12		KI21PI	11853	7365	86
KMI	261.0			Kalemie	ZAI	S05 55 08	E029 11 00	KI44OB	11957	7429	81
KMI	276.0			Indo Muro Kencana	INS	S00 41 21	E114 26 42	OI79FH	15025	9336	
KML	312.5		civ	Kamishly		N37 01 50	E041 12 19	LM07OA	9237	5740	44
KMP	230.0			Kempsey	AUS	S31 03 30	E152 47 24	QF68JW	15271	9489	270
KMS	382.0		ioi	Kermanshah/Shahid Ashrafi Esfahani	IRN	N34 19 38	E047 12 07	LM34OH	9803	6091	42
KMZ	371.5		,-	UNID	?						
KN	237.0			Kangra	IND	N32 10 12	E076 15 49	MM82DE	11229	6977	21
KN	270.0			Kindu	ZAI	S02 57 09	E025 54 59	KI27WB	11468	7126	81
KN	276.0			Kankan	GUI	N10 22 34	W009 17 01	IK50IJ	7630	4741	96
KN	299.5	0	civ	Svolvær/Helle/Skrova	NOR	N68 09 10	E014 38 57	JP78HD	5728	3559	28
KN	330.0	1020		UNID	?						
KN	346.0			Kansai	J	N34 29 42	E135 20 43	PM74QL	10638	6610	332
KN	349.0			Kuantan	MLA	N03 46 35	E103 12 48	OJ13OS	14718	9145	356
KN	355.0	400		UNID	?						
KN	377.0	400	civ	Norrköping/Kungsängen	S	N58 35 12	E016 08 18	JO88BO	6277	3900	39
KN	380.0	1020	civ	Belgrade/Krnjesevci	YUG	N44 53 41	E020 08 10	KN04BV	7376	4583	50
KN	393.0			Khon Kaen	THA	N16 27 43	E102 47 04	OK16JL	13317	8275	358
KN	397.0			UNID (KNE?)	?						
KN	413.0			Dongshan			E120 39 00	PL07HR	11813	7340	
KN	420.0	400*	enr	Kobona			E031 33 00	KP50SA	6899	4287	32
KN	485.0			Kakhnovka		N46 48 00	E033 30 00	KN66ST	8002	4972	42
KN	494.0	1020		UNID	?						
KN	500.0			Kandahar			E065 51 07	MM21WM	10944	6800	29
KN	562.0			Velyka Kohnovka/Kremenchuk		N49 07 00	E033 28 00	KN69RC	7816	4857	40
KN	595.0	1020		UNID	?						
KN	642.0	1020	civ	Moscow/Sheremetyevo/Kostino	RUS	N56 18 00	E037 43 00	KO86UH	7448	4628	33

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KN	845.0			Kutaisi			N42 16 06	E042 37 30	LN12HG	8858	5504	40
KNA	400.0			Kenana				E032 43 03	KK63IE	10704	6651	65
KNE	434.0		civ	Kunovice		CZE	N49 02 47	E017 27 06	JN89RB	6933	4308	47
KNG	355.0	1020	enr	Bad König for Frankfurt/Main		D	N49 45 44	E009 05 30	JN49NS	6384	3967	50
KNG	380.0			Kananga		ZAI	S05 54 41	E022 29 29	KI14FC	11422	7097	86
KNK	364.0	1020	pri	Connaught		IRL	N53 53 47	W008 56 13	IO53MV	5066	3148	51
KNT	389.0			UNID		?						
KNU	354.0			UNID		?						
KNY	390.0		joi	Konya		TUR	N37 59 48	E032 33 52	KM67GX	8656	5378	48
KO	271.0			Makokou		GAB		E012 51 58	JJ60KN	10155	6310	88
KO	284.0			Kota		IND		E075 50 37	ML75WD	11955	7429	23
KO	291.5		mar	Mys Kronotskiy				E162 07 00	RO14BS	7627	4739	327
KO	298.0			Kilimanjaro		TZA		E036 59 36	KI86LN	12373	7688	73
KO	302.0			Rijeka/Krk/Kozala				E014 26 48	JN75FI	6991	4344	52
КО	303.5			Konushinskiy				E043 46 48	LP17VE	6793	4221	22
KO	320.0		CIV	Khvalynka				E132 53 12	PN64KO	9692	6022	338
KO	349.0			Kaoma			S14 47 53	E024 46 59	KH25JE	12274	7626	91
KO	371.0		iw	Nam FA1		IW		E003 18 17	JO13PN	5830	3623	48
KO	391.0	400	:1	Dili		TMP		E125 31 14	PI21SK	15406	9573	321
KO	400.0	400	mil			FIN ?	N60 52 54	E026 48 24	KP30JV	6636	4124	33
KO KO	420.0 490.0	1020	onr	UNID Koshany			N50 56 48	E030 58 42	KOEOI W	7517	4689	40
KO	635.0	400*		Kotly		RUS		E030 56 42 E028 46 24	KO50LW KO49JO	7547 6809	4009	33
KOR	322.0	400		Helsinki/Malmi/Korso		FIN		E025 04 06	KP20MI	6593	4097	34
KOR	392.0	400		Korinthos for Athens				E022 55 58	KM17LW	8058	5007	54
KOS	311.0			Kos/Ippokratis				E027 05 28	KM36NT	8412	5227	52
KOS	316.0			Kostajnica		HRV		E016 32 30	JN85GF	7130	4431	51
кот	340.0		0	Kotakoli		ZAI	N04 10 08	E021 45 03	KJ04VE	10585	6577	79
кот	357.0			UNID		?						
KOW	242.0	1020		Kowanyama		AUS	S15 28 47	E141 44 54	QH04UM	15018	9332	296
KP	214.0		civ	Kropotkin		RUS	N45 27 00	E040 34 00	LN05GK	8479	5269	39
KP	250.0			Kyaukpyu		BRM	N19 25 34	E093 32 06	NK69SK	12957	8051	7
KP	260.0			Kolhapur		IND	N16 39 53	E074 16 57	MK76DP	12789	7947	28
KP	275.0			Anju		KRE	N39 36 12	E125 40 24	PM29UO	10420	6475	341
KP	309.5		mar	Mys Krasnyy Partizan		RUS	N48 58 36	E140 23 30	QN08EX	9009	5598	335
KP	333.0			Ketapang		INS	S01 45 01	E109 59 04	OI48XF	15244	9472	346
KP	351.0	400	mil	Karup		DNK	N56 17 48	E008 58 12	JO46LH	6022	3742	43
KP	390.0		civ	Krasnoyarsk		RUS	N56 11 42	E092 28 00	NO66FE	8886	5521	5
KP	395.0			Grama/Campinas		В	S23 03 14	W047 04 11	GG66LW	8117	5043	149
KP	400.0		civ	Kopasker			N66 18 27	W016 27 41	IP16SH	4456	2769	34
KP	432.0			Soltchy/Ukr		RUS		=				
KP	455.0			Novosibirsk				E083 02 42	NO15MD	8904	5532	10
KP	705.0	400		Kargopol				E038 58 00	KP91LM	7083	4401	28
KP	732.0	400*	CIV	Soltchy				E030 19 00	KO58DD	6982	4338	34
KP	732.0	400*		Kamianets-Podilskyi	A 1.C			E026 36 24	KN38HQ	7482	4649	44
KPC	288.0	400	<b>-</b> :	Port Clarance (Coast Guard)	AK			W166 51 57	AP65NF	5572	3462	327
KPG	303.0	400	CIV	Sogndal/Haukåsen/Kaupanger				E007 12 53	JP310E	5702	3543	38
KPS KO	251.0			Kamphaeng Saen				E099 57 23	NK94XE	13574	8435	330
KQ	221.0	1020	00-	Akan		J		E144 08 38	QN23BD	9437	5864	330
KQ KQ	329.0 370.0	1020		Krupki Ekaterinburg/Koltsovo				E029 08 00 E060 43 06	KO44NH	7202 8248	4475 5125	38 21
KQ KQ	970.0		CIV	Tambov				E041 23 00	MO06IR LO02QQ	7904	4911	33
KQ KR	285.5		civ	Kirkenes/Høybuktmoen/Møn				E041 23 00 E029 56 00	KP49XR	6181	3841	33 23
KR	298.5			El Attaia/Îles Kerkennah				E029 30 00 E011 18 18	JM54PR	7492	4655	63
KR	303.0			Taldykorgan				E078 27 00	MN95FC	9906	6155	15
KR	308.0		CHI	El Attaya				E011 18 22	JM54PR	7492	4655	63
1313	500.0			Li / maya		1014	1107 77 00	LU11 10 22	JIVIO-TI IX	1732	7000	00

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KR	310.0			Kailashahar		IND	N24 18 34	E092 00 23	NL64AH	12403	7707	8
KR	314.0			Nanchengzi		CHN	N39 08 42	E114 36 00	OM79HD	10700	6649	349
KR	323.0	400	civ	Schefferville/Squaw	QC	CAN	N54 47 55	W066 48 17	FO64OT	1517	943	33
KR	358.0		iw	Conoco Kotter		IW	N53 04 56	E003 57 57	JO13XB	5894	3662	49
KR	365.0			Conakry		GUI	N09 33 38	W013 37 52	IJ39EN	7346	4565	100
KR	399.0			Kochi		J	N33 32 46	E133 40 39	PM63UN	10796	6709	333
KR	399.0			Nakhon Ratchasima		THA	N14 57 23	E102 18 53	OK14DW	13485	8379	358
KR	493.0	400*	civ	Krasnodar/Pashkovsky		RUS	N45 00 12	E039 08 00	KN95NA	8444	5247	40
KR	532.0			Ovruch				E028 43 00	KO41IG	7406	4602	40
KR	600.0	1020		Krasnoborka/Tchervonobirka			N50 36 24		KO40PO	7484	4650	41
KR	840.0	1020		Kaliningrad/Khrabrovo			N54 54 36	E020 40 24	KO04IV	6732	4183	41
KR	885.0	400*	enr	Kirishi			N59 27 00	E032 03 00	KO69AK	6963	4327	32
KR	932.0	1020		Krasnoarmeysk			N51 02 36	E045 38 54	LO21TB	8232	5115	32
KRC	314.0			Karpathos			N35 25 11	E027 09 00	KM35NK	8523	5296	53
KRD	350.0		CÍV	Khorramabad		IRN	N33 26 20	E048 16 45	LM43DK	9941	6177	41
KRI	265.0	1020		Taquarí		В	S29 47 23	W051 49 51	GG40CF	8631	5363	156
KRM	401.0			Kerema			S07 57 45	E145 46 42	QI22VA	14102	8763	
KRS	285.0	4000		Karistos			N37 59 39	E024 29 42	KM27FX	8154	5067	53
KRT	353.0	1020		Kartuzy			N54 17 40	E018 12 10	JO94CH	6640	4126	42
KRU	388.0	400		Kokkola-Pietarsaari/Kruunupyy		FIN	N63 47 30	E023 10 26	KP13OT	6297	3913	31
KRW	353.0	1020	CIV	Kraków/Balice			N50 05 44	E019 54 46	JO90WC	7007	4354	45
KRW	390.0			UNID		?	000 04 40	E454 50 40	0050/4//	45004	0004	070
KRY	209.0		oi.	Kingaroy			S26 34 43 N12 49 54	E151 50 40	QG53WK	15064	9361	276
KRY	400.0	1000	CIV	Aden International				E045 02 54	LK22MT	11593	7204	56
KS KS	194.0 227.5	1020		Kushiro Kroonstad		J AFS	N43 02 10 S27 40 44	E144 12 02 E027 17 14	QN23CA KG32PH	9445 13380	5869 8314	
KS	258.0			Kisoro			S01 17 08	E027 17 14 E029 43 02	KI48UR	11638	7232	77
KS	277.0			UNID		?	301 17 00	L029 43 02	NI400IX	11030	1232	11
KS	282.0			Keshod		IND	N21 19 06	E070 15 42	ML51DH	12154	7552	30
KS	300.5	0	mar	Mys Kanin Nos			N68 39 00	E043 18 00	LP18PP	6664	4141	21
KS	333.0	Ū		UNID		?		_0.0.00				
KS	340.0	400	civ	Kuusamo		FIN	N66 02 32	E029 05 34	KP46NB	6388	3970	27
KS	367.0			Kasama		ZMB	S10 13 03	E031 08 27	KH59NS	12441	7731	83
KS	370.0	400	mil	Kinloss		G	N57 39 01	W003 35 13	IO87EP	5260	3268	45
KS	412.0			Balandino		RUS	N55 17 36	E061 35 18	MO05TH	8416	5230	22
KS	425.0			Kolomya		UKR	N48 32 00	E025 08 00	KN28NM	7411	4605	44
KS	565.0		enr	Opalikha		RUS	N55 50 00	E037 16 00	KO85PT	7466	4639	33
KS	885.0		enr	Nizhneye Sancheleevo		RUS	N53 41 00	E049 26 00	LO43RQ	8152	5065	29
KS	950.0	1020	civ	Kotlas		RUS	N61 16 12	E046 38 06	LP31HG	7381	4586	25
KS	1025.0	1020	enr	Krasny		RUS	N47 12 00	E040 21 00	LN07EE	8320	5170	38
KS	1050.0			Kerch				E036 24 00	KN85EI	8271	5140	41
KSA	385.0		civ	Kassala				E036 19 03	KK85DJ	10778	6697	61
KSC	215.0	1020		Kingscote		AUS		E137 30 51	PF84SG	16757	10413	274
KSL	349.0	1020		Kassel-Calden		D		E009 27 27	JO41RL	6309	3920	48
KSO	372.0	400		Kastoria/Aristotelis			N40 26 41		KN00PK	7766	4826	53
KSR	293.0		-	Erra Chidia/Moulay Ali Cherif				W004 21 49	IM71TW	6508	4044	74
KST	669.0		enr	Pieštany/Kostolany				E017 42 42	JN88UM	6984	4339	48
KT	230.0	4000		Khorat				E102 04 47	OK14AX	13485	8379	
KT	238.0	1020		Kaitaia				E173 14 32	RF64OX	13889	8630	
KT	252.0		CIV	Jimma/Aba Segud				E036 50 03	KJ87KQ	11458	7119	66
KT	290.0			Kawthoung			NTU 03 06	E098 32 59	NK90GB	14027	8716	2
KT	297.0		oi.	UNID Novacibiral/Telmachova		?	NEE 04 40	E002 44 20	NO151A	0044	EEOO	10
KT	310.0		CIV	Novosibirsk/Tolmachevo		RUS ?	17 LO GGNI	E082 44 30	NO15IA	8914	5539	10
KT KT	316.0 355.0	400	ois.	UNID Narvik/Framnes/Skatnes		-	N69 25 00	E017 17 55	JP88PK	5816	3614	20
KT KT	365.0	400	CIV					E017 17 55 E007 39 55	JK32TX	8793	5464	28 82
ΝI	305.0			Katsina		INIG	14 12 30 30	E007 39 33	JUSTIV	0/93	5404	02

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KT	394.0			Southdowns			S12 54 06	E028 09 00	KH47BC	12404	7707	87
KT	395.0			Keetmanshoop		NMB	S26 33 58	E018 06 11	JG93BK	12585	7820	105
KT	512.0	1020*	civ	Narimanovka/Kostanay		KAZ	N53 15 00	E063 31 10	MO13SG	8676	5391	22
KT	580.0	1020		Koszalin/Zegrze Pomorskie		POL	N54 03 00	E016 16 00	JO84DB	6550	4070	43
KT	597.0		civ	Novosibirsk/Tolmachevo			N55 01 07	E082 44 18	NO15IA	8915	5539	10
KT	607.0			UNID		?						
KT	672.0			Kukushtan			N57 39 06	E056 30 36	LO87GP	8033	4992	23
KT	730.0	1020		. ,			N45 07 18		LN15CC	8588	5336	38
KT	878.0	1020						E023 08 57	KO12NA	7057	4385	42
KTA	348.0	1020	CIV				N37 03 23	E022 01 28	KM17AB	8064	5011	55
KTA KTI	400.0	1000	ois r	UNID		?	N47 10 FG	F011 01 10	INIEZNIE	CCEC	4426	<b>E</b> 2
	413.0	1020					N47 12 56	E011 01 40	JN57MF	6656	4136	52
KTM KTN	461.0 372.5	1020		Kastamonu Kariatain			N41 18 16 N34 14 00	E033 47 26 E037 14 00	KN61VH KM84OF	8459 9247	5256 5746	45 48
KTS	477.0	1020	civ					E037 14 00 E042 27 17	LN12FE	8857	5504	40
KTW	346.0	400		Shell Expro/Kittiwake		IW	N57 28 04	E000 30 38	JO07GL	5498	3417	44
KU	221.0	400	100	Kununurra		AUS	S15 47 02	E128 42 14	PH44IF	15917	9891	311
KU	235.0			Kyauktu			N21 24 03	E094 07 48	NL71BJ	12745	7919	7
KU	249.0			Kumamoto		J	N32 48 20		PM52JT	10976	6820	335
KU	298.0	400		Kookøerne/Kook Islands		GRL			GP34XB	2832	1760	28
KU	312.5		mar	Mys Kastrikum			N46 14 00		QN56GF	8876	5515	327
KU	320.0			Kuito		AGL	S12 25 00	E016 56 00	JH87LN	11467	7125	95
KU	328.0			Kuabang		INS	N01 11 13	E127 53 37	PJ31WE	14323	8900	324
KU	351.0			Silchar		IND	N24 55 11	E092 59 15	NL64LW	12346	7672	7
KU	363.0			Makumbi		ZWE	S17 31 28	E031 15 28	KH52PL	12993	8073	89
KU	370.0		civ	Ekaterinburg/Koltsovo		RUS	N56 44 42	E060 53 30	MO06KR	8253	5128	21
KU	387.0			Kissidougou		GUI	N09 10 10	W010 07 19	IJ49WE	7655	4756	98
KU	396.0			UNID		?						
KU	449.0	1020	civ	Tver/Migalovo			N56 50 12		KO76WU	7324	4551	33
KU	450.0			Mogocha			N53 44 00		0093VR	9032	5612	
KU	451.0		CÍV	Yubileinyi			N46 01 48	E063 10 18	MN16OA	9386	5832	25
KU	492.0			UNID		?	NOO 05 00	E400 00 04	DLOSEO	10001	7004	244
KU KUB	525.0	1000		Ku			N23 35 03 S08 41 39	E120 23 21	PL03EO	12264 14095	7621 8758	341
KUDI	1662.0 1666.5	1020		Kubuna Udairi		KWT		E146 45 14 E047 26 10	QI31JH LL39RQ	10235	6360	297 44
KUN	416.0		civ			CZE	N49 06 48	E017 30 05	JN89SC	6932	4307	47
KUR	310.0	400		Kuopio/Kurki		FIN	N62 55 21	E027 52 41	KP32WW	6546	4068	31
KUR	352.5	.00	jo.	Kuruman		AFS	S27 27 36	E023 24 52	KG12QM	13060	8115	
KUS	312.5			UNID		?	02. 2. 00	_0_0 0_		.0000	00	
KUS	343.0	400	civ	Kaunas/Karmelava		LTU	N54 57 57	E024 07 19	KO24BX	6906	4291	39
KUT	372.0			UNID		?						
KUT	1737.0			Kutubu/Kumul		PNG	S06 20 00	E143 18 00	QI13PQ	14133	8782	303
KV	256.0			Xinzheng		CHN	N34 45 42	E113 46 30	OM64VS	11192	6954	349
KV	360.0		civ	Kiev/Zhulyany		UKR	N50 24 16	E030 30 48	KO50GJ	7564	4700	40
KV	362.0	400	civ	Tromsø/Langnes/Kvalsund				E019 00 11	JP99MT	5811	3611	26
KV	385.0	400	mil	Halli		FIN		E024 58 54	KP21LU	6493	4035	33
KW	255.0			Kitona Base		ZAI		E012 25 58	JI64FB	10616	6596	93
KW	312.5		mar	Korsakovskiy/Nys Tomari Aniva				E142 47 30	QN16JP	9153	5687	
KW	320.0			Noibai				E105 44 45	OL21UF	12773	7937	
KW	385.0	400		Bujumbura				E029 17 18	KI46PU	11749	7300	79
KW	395.0	400		Kirkwall/Orkney Islands		G		W002 54 42	IO88NX	5254	3265	43
KW	400.0			Vladivostok/Knevichi				E132 19 24	PN63DL	9826	6106	
KW	405.0	1000	CIV	Klagenfurt				E014 13 06	JN76CQ	6891	4282	51 340
KW KW	415.0 735.0	1020	onr	Hengchun Koviagy				E120 50 19 E035 32 42	PL01KW KN79SW	12429 7858	7723 4883	340 38
KW	975.0	1020	CIII	Kokshetau				E035 32 42 E069 36 00	MO43TH	8836	5490	36 18
1244	313.0			Nonoriclau		IVAL	1100 1000	_009 00 00	IVIOTOTIII	0000	J <del>-</del> 30	10

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
KW	995.0			Kislovodsk			N43 56 30		LN13HW	8713	5414	39
KWA	287.0			Kiriwina				E151 05 19	QI51NL	13765	8553	
KWS	312.5			UNID		?						
KWZ	264.0			Kolwezi		ZAI	S10 43 06	E025 29 59	KH29RG	12028	7474	87
KX	242.0			Nanhu		CHN	N30 28 00	E114 18 00	OM70DL	11652	7241	348
KX	295.0			Kumejima		J	N26 21 45	E126 42 57	PL36II	11782	7321	336
KX	303.5		mar	Mys Krilon		RUS	N45 54 02	E124 04 50	PN25AV	9791	6084	344
KX	378.0		iw	Shell Expro/Indefatigable Kilo		IW	N53 16 48	E002 41 27	JO13IG	5808	3609	49
KX	1050.0			Kerch		UKR	N45 22 00	E036 24 00	KN85EI	8271	5140	41
KY	365.0			Wangbingou		CHN	N41 42 18	E123 44 48	PN11UQ	10245	6366	343
KY	388.0		iw	Mobil/Beryl Alpha		IW	N59 32 42	E001 32 10	JO09SN	5475	3402	42
KZ	212.5			Kleinsee		AFS	S29 38 39	E017 05 52	JG80NI	12719	7903	108
KZ	248.0	400	civ	Buttonville Muni/Toronto	ON	CAN	N43 56 01	W079 19 45	FN03IW	11	7	68
KZ	455.0		enr	Kizliar		RUS	N43 50 00	E046 43 00	LN33IT	8921	5543	36
KZ	468.0			UNID		?						
KZ	486.0		enr	Kzyl-Orda		KAZ	N44 42 06	E065 36 00	MN24TQ	9600	5965	24
KZ	522.0			Vorkuta		RUS	N67 29 18	E063 59 30	MP17XL	7276	4521	15
KZ	555.0			Kyzyl-Kiya				E072 06 00	MN60BG	10260	6375	21
KZ	1000.0		enr	Severnoye				E078 21 36	MO96EI	8704	5408	12
KZN	291.0		civ	• •				E021 50 32	KN00WG	7813	4855	53
KZO	416.0		civ	Kastelorizo		GRC	N36 08 32	E029 34 34	KM46SD	8621	5357	51
KZR	323.0			UNID		?						
L	153.0			Belaya			N52 56 00		0012SW	9271	5761	358
L	220.0		civ	Blagoveschensk				E127 25 30	PO30RJ	9238	5740	
L	240.0		civ	Krasnodar/Pashkovsky			N45 02 54	E039 12 54	KN95OB	8444	5247	40
L	250.0		CIV	Vladikavkaz/Beslan		RUS			== .=			
L	260.0	400		Esquel			S42 53 35	W071 06 45	FE47KC	9649	5995	174
L	275.0	400		Banak/Porsang			N69 53 45	E025 00 29	KP29MV	6011	3735	24
L	276.0		CIV	Uzin			N49 47 00		KN59FS	7608	4727	41
L	287.0		ois r	Beijing Persed/Tetra				E116 34 05	ON80GC	10563	6563	
L	290.0 305.0		CIV	Poprad/Tatry Salta			S24 51 54	E020 16 30 W065 29 40	KN09DB FG75GD	7096 7746	4410 4813	46 167
L	306.0	400	civ	Jyväskylä		FIN		E025 43 00	KP22UJ	6491	4033	32
L	307.0	400	CIV	La Rioja			S29 21 31	W066 46 54	FG60OP	8213	5104	169
Ĺ	308.0		civ	Izhevsk				E053 28 24	LO66RU	8009	4976	25
L	315.0		CIV	El Palomar			S34 35 18	W058 37 30	GF05QJ	8944	5557	163
L	325.0			Paso de Los Libres			S29 40 10	W057 09 21	GG10KH	8457	5255	160
Ĺ	331.0	1020	civ	Satu Mare		ROU		E022 53 18	KN17KR	7341	4562	46
L	335.0			Madrid/Getafe		E		W003 44 33	IN80DG	6051	3760	66
L	344.0			Kittilä				E024 50 00	KP27KR	6130	3809	27
L	345.0			Tsakalovskij				E038 04 00	KO95AU	7499	4660	33
L	350.0	1020		Albacete		E		W001 53 24	IM98BW	6264	3892	66
L	357.0		-	Budapest/Ferihegy				E019 14 50	JN97OK	7146	4440	48
L	362.0			Náměšť nad Oslavou				E016 10 00	JN89CF	6846	4254	48
L	370.0	400		Lycksele		S		E018 44 13	JP94IM	6069	3771	32
L	372.0		•	Praha/Ruzyně/Liboc		CZE	N50 07 12	E014 17 12	JO70DC	6677	4149	48
L	379.0	1020		Kraków/Balice				E019 48 53	JO90VB	7002	4351	45
L	388.0		civ	Ekaterinburg/Koltsovo		RUS	N56 44 36	E060 46 00	MO06JR	8250	5126	21
L	389.0		civ	Balti		MDA	N47 51 20	E027 46 10	KN37VU	7608	4728	44
L	418.0	400	civ	Tallinn/Ülemiste		EST	N59 24 47	E024 52 36	KO29KJ	6647	4130	35
L	430.0		civ	Almaty		KAZ	N43 20 06	E077 00 21	MN83MI	10064	6253	17
L	435.0		civ	Ufa		RUS	N54 32 00	E055 52 30	LO74WM	8308	5162	
L	588.0		civ	Omsk		RUS	N54 59 00	E073 35 00	MO64TX	8755	5440	15
L	615.0		civ	Nyagan		RUS	N62 06 00	E065 36 30	MP22TC	7846	4875	17
L	650.0		civ	Igarka		RUS	N67 27 18	E086 35 24	NP37HK	7601	4723	6
L	650.0		civ	Lviv		UKR	N49 47 48	E023 58 42	KN19XT	7257	4509	44

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
L	669.0		civ	•		CZE	N50 11 45	E012 56 30	JO60LE	6592	4096	48
L	680.0		civ	Ulyanovsk/Vostochny		RUS	N54 17 24	E048 14 54	LO44CG	8052	5003	29
L	760.0		civ	Balakovo		RUS	N51 51 00	E047 44 00	LO31UU	8249	5126	31
L	763.0		civ	Almaty		KAZ	N43 20 00	E077 00 00	MN83MH	10064	6253	17
L	778.0		civ	Stary Oskol		RUS	N51 20 24	E037 47 24	KO81VI	7852	4879	36
L	830.0		civ	Ulyanovsk/Vostochny		RUS	N54 24 04	E048 48 10	LO44JJ	8063	5010	29
L	843.0		civ	, ,			N51 47 48	E055 29 30	LO71RT	8554	5315	27
L	960.0		civ	Chisinau			N46 55 44	E028 58 20	KN46LW	7745	4812	44
L	960.0	400*	civ	•			N59 48 00	E030 19 00	KO59DT	6863	4265	33
L	1035.0		civ	,				E047 19 00	LO36PB	7857	4882	28
L4	402.0	1020		·	SK	CAN	N53 20 05	W104 00 32	DO73XI	2077	1291	309
L7	395.0	400		Estevan	SK		N49 12 36	W102 51 36	DN89NF	1881	1169	297
LA	206.0	1020	civ	S .	MI		N42 46 39	W084 29 51	EN72SS	427	265	255
LA	215.0			Lake Awasa			N07 04 04	E038 30 03	KJ97GB	11629	7226	65
LA	227.0		CIV	Lakeland/Wirey	FL		N27 56 07		EL87XW	1786	1110	188
LA	268.0			Lahore			N31 30 24	E074 23 00	MM71EM	11243	6986	23
LA	270.0	400	!!	Lanseria		AFS	S26 00 37	E027 50 22	KG33WX	13312	8272	99
LA	282.0	400	mii	Lyneham		G ?	N51 30 30	W002 00 21	IO81XM	5598	3479	52
LA	303.0			UNID		-	N/12 EE 00	F020 20 00	KNIOSOM	0546	E240	40
LA LA	307.0	1020		Lazarevskoye		RUS ISL	N43 55 00 N65 34 36	E039 20 00 W019 29 18	KN93QW IP05GN	8546 4315	5310 2681	40 35
LA	344.0 360.0	1020	civ	Saudarkrokur/Langholt UNID		?	1100 04 00	VV019 29 10	IFUSGIN	4313	2001	33
LA	391.0	1020		UNID		: ?						
LA	401.0	٥	civ			r F	N47 58 36	E000 40 48	JN07IX	5943	3693	55
LA	401.0	1020			IN	USA	N40 25 35	W087 03 07	EN60LK	736	457	
LA	404.0	400		•	•	S	N59 43 46	E017 56 48	JO89XR	6301	3915	37
LA	405.0	100	0.1	Bula		INS	S03 06 39	E130 30 40	PI56GV	14616	9082	
LA	445.0			Lavrentiya		RUS	N65 35 00	W171 00 48	AP45LN	5737	3565	328
LA	510.0		civ			RUS	N56 04 24	E047 15 42	LO36PB	7856	4881	28
LA	563.0		mil	Náměšť nad Oslavou/"Luna"			N49 08 11	E016 10 47	JN89CD	6852	4257	48
LA	750.0		civ				N46 37 24	E030 00 24	KN56AO	7826	4863	44
LA	1053.0			Leh		IND	N34 09 00	E077 35 00	MM84TD	11055	6869	19
LAA	350.0	400	civ	Oulu/Laanila		FIN	N64 57 59	E025 12 40	KP24OX	6308	3920	29
LAA	352.0	1020	civ	Niederrhein		D	N51 36 05	E006 10 27	JO31CO	6103	3792	49
LAB	260.0	400		Labuan		MLA	N05 17 03	E115 15 41	OJ75PG	14362	8924	341
LAB	392.0		civ	Labraq/El Beida		LBY	N32 47 00	E021 56 00	KM02XS	8379	5206	58
LAB	419.0		civ	Labraq/El Beida		LBY	N32 47 13	E021 57 57	KM02XS	8381	5208	58
LAC	328.0	1020	mil	Lacomas/Fort Lewis (Army)	WA	USA	N47 00 29	W122 33 23	CN87RA	3346	2079	291
LAE	388.0			Lae			S06 44 14	E146 59 53	QI33LG	13912	8644	299
LAG	353.0			Lago Agrio				W076 54 12	FJ10NB	4861	3021	
LAH	276.0			Lebanon/Hanover	NH		N43 42 08	W072 10 39	FN33VQ	586	364	90
LAM	346.0		civ					E053 11 43	LL67OI	10763	6688	41
LAM	368.0	1020		Los Alamos	NM			W106 16 00	DM65UV	2446	1520	
LAN	331.0	1020		Amatecampo			N13 24 44	W089 08 15	EK53KJ	3503	2177	
LAP	300.0	1020		La Paz			N24 04 10	W110 21 58	DL44TB	3569	2218	
LAP	320.0	1020		Bom Jesus da Lapa		В		W043 24 47	GH86HR	7309	4542	
LAR	224.0	4000		Lar			N27 40 11		LL77EQ	10796	6708	40
LAR	382.0		enr	Arruda for Lisboa			N38 59 40	W009 02 25	IM58LX	5729 8216	3560 5105	70 160
LAR	410.0	1020		La Rioja				W066 47 34	FG6000	8216	5105	
LAR LAS	412.0			Lago Agrio				W076 52 49	FJ10NC FK58DN	4860 2051	3020	
LAS	200.0 260.0			Guerra Latacunga			N18 34 41 S00 55 28	W069 43 28 W078 37 08	FI09QB	2951 4965	1834 3085	
LAT	260.0 379.0	1020	mil	Latacunga Latina		EQA	N41 31 28	E012 56 37	JN61LM	7145	4440	56
LAU	341.0			Lichtenau		D D		E009 41 28	JO41UE	6338	3938	49
LAY	225.0	1020	CIII	Atalaya			S10 43 40	W073 46 11	FH39CG	6076	3775	
LAY	395.0	400	civ	Islay		G		W006 14 58	IO65VQ	5171	3213	48
	090.0	+00	UIV	iolay		J	1100 40 00	**************************************	100040	3171	JZ 13	70

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LB	219.0	1020		Lubbock/Pollo	TX	USA		W101 49 46	DM93CR	2236	1389	247
LB	238.0			Labuhan Bajo		INS		E119 53 15	OI91WM	15659	9730	329
LB	263.0	1020	civ	Angleton/Lake Jackson/Freep	TX	USA		W095 27 48	EL29GE	2164	1344	226
LB	280.0			Lop Buri		THA	N14 53 11	E100 39 36	OK04HV	13495	8386	360
LB	310.0			Lambarene		GAB	S00 42 41	E010 13 53	JI59CG	10040	6239	91
LB	323.0		iw	Wintershall/Vlieland L8-G		IW	N53 34 55	E004 36 19	JO23HN	5908	3671	48
LB	325.0		civ	Bugulma		RUS	N54 38 00	E052 48 00	LO64JP	8191	5090	27
LB	330.0			Moscow/Tushino		RUS	N55 49 00	E037 26 00	KO85RT	7474	4644	33
LB	340.0			Labe		GUI	N11 19 34	W012 17 13	IK31UH	7318	4547	98
LB	370.5	400	mil	Ängelholm/Barkåkra		S	N56 20 48	E012 46 06	JO66JI	6227	3869	42
LB	380.0			Lobito			S12 22 00	E013 32 00	JH67SP	11191	6954	97
LB	383.0	1020		Liberal/Panck	KS			W100 57 23	DM96MX	1973	1226	254
LB	395.0		civ	Bahrain				E050 39 19	LL56HG	10728	6666	44
LB	416.0	1020	CİV	North Platte/Panbe	NE			W100 34 21	DN91RB	1759	1093	267
LB	452.0			Balandino			N55 19 00	E061 25 18	MO05RH	8409	5225	22
LB LB	510.0 670.0		onr	UNID Liubymivka		?	N45 37 30	E034 53 54	KN75KP	8170	5077	42
LBA	210.0		em	Albacora		В	S22 06 35	W039 54 59	HG07BV	8348	5187	142
LBA	402.5	400	civ	Leeds Bradford		G		W0039 34 39 W001 39 10	IO93EU	5518	3429	49
LBK	357.0	400		Lodz/Lublinek		POL		E019 24 18	JO91QR	6870	4269	44
LBR	295.0		CIV	Lábrea		В	S07 15 01		FI72OR	5854	3637	162
LC	328.0	1020		Laconia/Blnap	NH			W071 32 13	FN43FM	639	397	91
LC	329.0			Nikolayev-Kulbakovo				E032 06 00	KN66BW	7916	4919	42
LC	345.0			Lichinga		MOZ	S13 17 06	E035 13 00	KH76OR	12998	8076	82
LC	353.0	1020	civ	Lake Charles/Keyli	LA	USA	N30 11 35	W093 15 47	EM30IE	1949	1211	223
LC	376.0	1020	civ	Columbus/Pickl	ОН	USA	N39 52 52	W082 50 10	EM89NV	527	327	213
LC	390.0			Lam Chau		HKG	N22 17 43	E113 53 43	OL62WH	12550	7799	347
LC	534.0		civ	Gostomel/Antonov		UKR	N50 39 02	E030 09 21	KO50BP	7527	4677	40
LC	590.0			Svetomer		UKR	N50 31 00	E030 13 00	KO50CM	7540	4685	40
LC	700.0			Svetomer			N50 31 00		KO50CM	7540	4685	40
LC	790.0		civ	Balti			N47 52 53		KN37VV	7605	4726	44
LCA	432.0		civ	Larnaca		CYP	N34 49 18	E033 33 18	KM64ST	8975	5577	50
LCC	328.0	000	mıl	Lecce/Galatina			N40 09 36	E018 12 42	JN90CD	7588	4715	55
LCE	227.0	980	<b>-</b> :	La Ceiba	NIE		N15 44 18	W086 53 26	EK65NR	3200	1988	195
LCG	389.0	1020		Wayne Izhevsk	NE		N42 14 33 N56 52 48		EN12MF	1437	893 4975	269
LCh LCQ	635.0 204.0	1020	Civ	Lake City	FL	USA		E053 29 48 W082 34 43	LO66RV EM80RE	8007 1546	961	25 191
LCT	373.0	1020	CIV	Le Luc/Le Cannet	ГЬ	F		E006 23 00	JN33EJ	6585	4091	58
LCY	322.0	400	civ	London/City		G		E000 04 03	JO01AM	5729	3560	52
LCY	326.0			Guthrie/Logan County	OK			W097 24 57	EM15HU	1772	1101	246
LCZ	381.0	1020		Murcia/San Javier/Los Alcazares	٠.,	E	N37 40 35		IM97MQ	6410	3983	67
LD	272.0	1020	,	Lubbock/Lubbi	TX		N33 39 45		DM93DP	2233	1388	247
LD	285.0			Omsk				E073 38 00	MO65TA	8753	5439	15
LD	309.5			Mys Datta				E140 25 45	QN09FH	8977	5578	335
LD	380.0			Ludhiana		IND	N30 51 34	E075 57 53	MM70XU	11359	7058	21
LD	473.0	400*	civ	Chisinau/Kishinev		MDA	N46 55 48	E029 00 42	KN46MW	7747	4814	44
LD	493.0	400	civ	Krasnodar/Pashkovsky				E039 14 48	KN95OB	8445	5247	40
LD	517.5			Lydenburg			S25 04 50	E030 25 28	KG54FW	13456	8361	96
LDA	236.0			Lamidada				E086 40 15	NL37IG	12001	7457	13
LDM	341.0	1020	civ	Ludington	MI			W086 24 34	EN63TX	558		
LDP	245.0			La Divina Pastora			N04 41 51		FJ94LQ	4704		152
LDR	310.0	4000		Villa Dolores			S31 57 10		FF78KB	8524	5297	168
LDS	389.0	1020		Havre/Leeds	MT		N48 32 43		DN58DN	2373	1474	293
LDV	324.0			Landivisiau Auburn/Lowio	ME	F	N48 32 48		IN78WN	5594 732	3476 455	57
LE LE	240.0 242.0	1020		Auburn/Lewie	ME KY		N43 57 49	W070 20 08 W084 39 38	FN43TX	732 789	455	86 216
LE	Z4Z.U	1020	CIV	Lexington/Blayd	IX I	USA	1401 08 10	VVUU4 38 30	EM77QX	109	490	210

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LE	285.0			Lubumbashi	3,1		S11 35 41	E027 32 29	KH38SJ	12257	7616	87
LE	318.0	1020	civ	Luxembourg			N49 38 30	E006 15 00	JN39DP	6213	3861	51
LE	325.0		0	Lusaka			S15 20 28	E028 31 57	KH44GP	12615	7838	89
LE	333.0	400	mil	Västerås/Hasslö		S		E016 40 00	JO89IP	6242	3879	37
LE	350.0	1020		Raleigh/Durham/Leevy/Leesville	NC			W078 43 19	FM05PW	887	551	176
LE	360.0		0	UNID		?						
LE	375.0		enr	Biysk		RUS	N52 28 00	E085 23 00	NO22QL	9228	5734	9
LE	383.5	400		Leicester		G	N52 36 23		1092LO	5610	3486	51
LE	395.0			Krasnolesye/Tchervonolissia/Lesnik				E034 15 00	KN74DT	8200	5095	43
LEA	286.0			Luepa				W061 29 00	FJ95GT	4571	2840	
LEC	287.0			Leigh Creek				E138 26 32	PF99FJ	16389	10184	
LEE	335.0	1020	civ	Leesburg	FL	USA		W081 48 26	EL98CT	1686	1048	188
LEN	235.0			Lencois		В	S12 28 46	W041 16 51	GH97IM	7344	4563	139
LEN	330.0	1020	mil	León		Е	N42 35 12	W005 38 53	IN72EO	5786	3595	64
LEN	408.0		civ	Bandar Lengeh		IRN	N26 32 15	E054 51 40	LL76KM	10928	6790	40
LEO	377.0			Leonora		AUS	S28 52 44	E121 19 13	PG01PC	17528	10892	306
LET	407.0	1020		Leticia		CLM	S04 12 06	W069 56 33	FI55AT	5411	3363	167
LEV	371.0	1020	civ	Cuneo/Levaldigi		ı	N44 32 39	E007 36 55	JN34TN	6597	4099	56
LEX	330.0	400	iw	BHP Petroleum/Lennox		IW	N53 37 53	W003 10 35	IO83JP	5434	3377	50
LEZ	399.0		civ	Nice/Côte d'Azur		F	N43 43 31	E007 19 36	JN33PR	6627	4118	57
LF	336.0	400	civ	La Salle/Winnipeg Intl	MB	CAN	N49 38 33	W097 18 00	EN19IP	1500	932	302
LF	350.0	1020	civ	Lufkin	TX	USA	N31 13 00	W094 49 00	EM21OF	1949	1211	229
LF	375.0	1020	civ	Lafayette/Laffs	LA	USA	N30 17 22	W091 54 28	EM40BG	1868	1161	220
LF	380.0	400	joi	Ronneby/Kallinge		S	N56 11 42	E015 15 00	JO76PE	6368	3957	41
LF	520.0		enr	Bazhenovo		RUS	N55 38 00	E073 06 00	MO65NP	8677	5391	15
LF3A	570.0		iw	Gyda		IW						
LF3E	561.0		iw	Draupner		IW						
LF3I	598.0		iw	Snorre		IW						
LF3J	414.0		iw	Statoil Gullfaks C		IW	N61 12 54	E002 16 26	JP11DF	5452	3387	39
LF4B	561.0		iw	Troll Gass/Statoil		IW						
LF4H	358.0		iw	Heimdal		IW						
LF4J	570.0		iw	Norsky Hydro/Brage		IW						
LF4K	534.0		iw	UNID		IW						
LF4N	534.0		iw	Varg BHP		IW						
LF4Q	598.0		iw	West Vanguard (?)		IW						
LF4T	561.0		iw	UNID		IW						
LF4U	544.0		iw	Ekofisk 2/4 H		IW						
LF4W	425.0	400	iw	UNID		IW						
LF4X	561.0			UNID		IW						
LF5A	544.0		iw	Veslefrikk		IW						
LF5B	561.0		iw	Oseberg		IW						
LF5D	561.0		iw	Hod		IW	NEC 04 40	E000 40 00	1040014	5001	0500	4.5
LF5M	544.0		iw	Phillips/Ekofisk A		IW	N56 31 16	E003 13 22	JO16OM	5691	3536	45 45
LF5N	544.0		iw	Phillips/Ekofisk B		IW	N56 33 55	E003 12 13	JO16ON	5688	3534	45 45
LF5O	544.0		iw	Phillips/Ekofisk C		IW		E003 12 56	JO16ON	5689	3535	45 45
LF5P	542.5 561.0		iw	Phillips/Ekofisk D UNID		IW ?	33 48	E003 05 08	JO16NN	5681	3530	45
LF6B LF6C	544.0		j	Phillips/Cod A		IW	NE7 04 40	E002 26 05	JO17FB	5623	3494	11
LF6E	544.0		iw.	Phillips/Eldfisk A Flare		IW	N57 04 10 N56 22 37		JO17FB JO16PJ	5699	3494 3541	44 45
LF6G	544.0		iw iw	Edda		IW	1400 22 31	L003 13 31	JOTOPJ	2099	JU4 I	40
LF6I	544.0		iw iw	Phillips/Albuskjell A		IW	N56 38 34	E002 56 24	JO16LP	5669	3523	45
LF6L	414.0		iw iw	Mobil/Statoil Statfjord A		IW		E002 56 24 E001 51 14	JP01WG	5429	3373	45 39
LF6M	615.0		iw	Mobil/Statoil Statijord A  Mobil/Statoil Statfjord B		IW	N61 12 25	E001 51 14 E001 49 50	JP01WG JP01VE	5429	3374	39 39
LF6N	414.0		iw	Mobil/Statoil Statijord B  Mobil/Statoil Statiford C		IW		E001 49 50 E001 54 09	JP01VE	5430	3374	39
LF6P	367.0		iw	Elf Aquitaine Norge Frigg DP2		IW		E001 34 09 E002 04 20	JO19AV	5490	3411	39 41
LF6R	570.0		iw	UNID		IW	1100 00 10	_002 04 20	JO IJAV	J-30	J <del>+</del> 11	71
LIVIX	570.0		1 0 0	OTTID		1 V V						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LF6S	561.0		iw	Oseberg		IW						
LF6V	598.0		iw	Jotun B		IW						
LFA	347.0	1020	civ	Klamath Falls/Merrill	OR	USA	N41 59 07	W121 38 34	CN91EX	3412	2120	
LFB	245.0	1020		Lafayette	TN		N36 30 55	W086 03 40	EM66XM	993	617	217
LFGC	544.0	400		Bideford Dolphin		IW						
LG	233.0	1020		Long Beach/Becca	CA			W118 04 39	DM03XS	3501	2175	
LG	309.0	400	mil	Såtenäs/Tun		S	N58 27 18	E012 43 00	JO68IK	6110	3797	40
LG	325.0			Beijing			N40 08 21	E116 33 49	ON80GD	10560	6562	
LG	332.0	1020		New York/Peths/Maspeth	NY			W073 55 46	FN30AR	577	358	126
LG	348.5	1020	joi	Liege/Bierset			N50 39 00		JO20RP	6110	3797	51
LG	532.0			Ovruch			N51 16 00	E028 43 00	KO41IG	7406	4602	40
LG	552.0	4000		UNID		?	NEE 50 40	E000 07 54	1400ED11	7500	1000	00
LG	705.0	1020	CIV	Tsakalovskij			N55 50 48	E038 07 54	KO95BU	7502	4662	33
LG	1255.0	4000	<b>_:</b>	Luhansk	OD		N48 24 33	E039 26 53	KN98RJ	8174	5079	37
LGD	296.0	1020	CIV	La Grande	OR			W117 57 46	DN15AI	3031	1883	
LGI LGM	339.0			Freetown Lungi			N08 39 04		IJ38JP	7453	4631	100
LGN	1602.0	400	i	Leguizamo		CLM		W074 48 00	FI29OT	4904 5761	3047	173
LGS	420.0 500.0	400 1020	iw	Conoco/Loggs UNID		IW ?	N53 23 20	E002 00 16	JO13AJ	5761	3580	49
LH	295.0	400	nri	Ludvika		r S	N60 09 00	E015 07 24	JP70ND	6141	3816	37
LH	334.0	1020	рп	Bloomington/Egrow	IL			W088 52 31	EN50NN	861	535	
LH	338.0	1020	civ	Lancaster/Caser	OH			W082 32 07	EM89RR	527	327	210
LH	347.0	1020	CIV	Labuha	OH	INS		E127 30 10	PI39SI	14524	9025	
LH	356.0			Huguang			N21 07 54	E110 20 12	OL51ED	12736	7914	
LH	361.0			UNID		?	14210704	21102012	OLUTED	12700	7014	000
LH	378.0			Lilongwe			S13 50 38	E033 50 51	KH66WD	12930	8034	84
LH	588.0		civ	Simferopol			N45 02 18	E033 58 54	KN65XA	8168	5076	43
LHC	265.0		0	Arlington/Loosahatchie	TN			W089 40 17	EM55DG	1296	805	
LHD	334.0			Lahad Datu			N05 01 29	E118 20 11	OJ95EA	14302	8887	337
LHI	272.0	400		Lord Howe Island			S31 31 16	E159 03 56	QF98ML	14795	9193	
LHO	346.0	400	civ	Le Havre/Octeville		F	N49 35 42	E000 11 00	JN09CO	5829	3622	54
LHR	218.0			Kunaye		PNG	S03 02 41	E152 37 35	QI66HW	13198	8201	296
LHR	337.0	1020	civ	Lahr		D	N48 20 55	E007 48 40	JN38VI	6385	3967	52
LHR	392.0			Lockhart River		AUS	S12 47 18	E143 18 12	QH17PF	14684	9124	297
LHX	239.0			La Junta	CO	USA	N38 02 54	W103 37 16	DM88EB	2126	1321	261
LI	231.0			Livingstone		ZMB	S17 48 54	E025 49 33	KH22VE	12578	7815	93
LI	274.0			Medellin		CLM	N06 12 26	W075 25 19	FJ26GE	4194	2606	173
LI	334.0			UNID		?						
LI	346.0	1020	civ	Boston/Hullz	MA	USA	N42 18 11	W070 55 19	FN42MH	717	445	101
LI	353.0	1020	civ	Little Rock/Lasky	AR	USA	N34 40 08	W092 18 20	EM34UQ	1506	936	232
LI	417.0	1020		Düsseldorf		D		E006 53 29	JO31KI	6160	3828	49
LI	430.0	1020	enr	Lykhacheve				E036 12 30	KN89CI	7935	4931	38
LI	510.0			Gromovo			N60 43 00		KP50BR	6790	4219	32
LI	750.0		civ	Limanskoe				E030 01 00	KN56AR	7819	4859	43
LIB	250.0			Paso de los Libres			S29 41 40		GG10KH	8459	5257	
LIB	336.0			Libenge				E018 37 59	JJ93HP	10380	6450	82
LIC	545.0	400		Lichfield		G		W001 43 10	IO92DR	5561	3456	51
LIE	361.0	400		Turku/Lieto		FIN		E022 25 07	KP10FM	6463	4016	35
LIN	386.0	1020	-	Milano/Linate				E009 17 19	JN45PI	6659	4137	55
LIO	429.0		civ	Limnos				E025 14 54	KM29OW	8056	5006	51
LIP	259.0			Lipa	<b></b> :			E121 07 36	PK03NW	13268	8244	
LIQ	335.0		CİV	Athens/Lochridge Ranch	TX			W095 57 10	EM22AA	1953	1214	
LIS	239.0			Lismore				E153 15 27	QG61PE	15096	9380	
LIS	324.0	4000		Lisala	T\/			E021 29 59	KJ02RD	10721	6662	81
LIU	212.0	1020	CIV	Littlefield	TX			W102 23 12	DM83TW	2265	1408	
LJ	177.0			Qiqihar		CHN	N4/ 11 42	E123 56 48	PN17XE	9656	6000	344

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LJ	365.0	1020		Köln/Bonn North	J.,	D		E007 03 44	JO30MW	6194	3849	50
LJ	424.0			UNID		?						
LJ	510.0			Gromovo		RUS	N60 43 00	E030 07 00	KP50BR	6790	4219	32
LJA	285.0			Lodja		ZAI	S03 29 09	E023 25 59	KI16RM	11311	7029	83
LJK	280.0	1020	civ	Ashland/Ashey	VA	USA	N37 46 24	W077 28 47	FM17GS	700	435	166
LJS	240.0	1020		Lages		В	S27 46 57	W050 16 35	GG42UF	8476	5267	154
LJZN	534.0		iw	Åsgard C		NOR	N65 08 00	E006 52 00	JP35KD	5528	3435	34
LK	250.0			Bubung		INS	S01 02 36	E122 46 33	PI18JW	14776	9181	329
LK	295.0			Loikaw		BRM	N19 41 34	E097 12 59	NK89OQ	12955	8050	4
LK	297.5		mar	Mys Lopatka		RUS	N50 52 10	E156 39 50	QO80HU	8194	5092	327
LK	335.0			Lk		TWN	N25 04 28	E121 25 28	PL05RB	12077	7505	340
LK	344.0			Langkawi		MLA	N06 19 13	E099 43 35	NJ96UH	14442	8974	1
LK	350.0			Lucapa		AGL	S08 25 00	E020 44 00	KI01IN	11471	7128	89
LK	359.0	400	mil	Lidköping/Hovby		S		E013 07 12	JO68NK	6131	3810	40
LK	377.0			Lucknow		IND		E080 53 02	NL06KS	11927	7411	18
LK	386.0	400	civ	Tallinn/Ülemiste		EST		E024 55 31	KO29LJ	6649	4131	35
LK	391.0			Lakeba		FJI	S18 12 18	W178 48 48	AH01OT	12131	7538	263
LK	414.0	1020		Louisville/Laang	KY	USA			EM78ED	823	511	221
LK	523.5		•	Kolín				E015 11 00	JO70OA	6737	4186	47
LKG	242.0	1020		Americus/Lindbergh	GA		N32 10 28	W084 06 29	EM72WE	1363	847	199
LKR	400.0	1020		Lancaster	SC		N34 43 26	W080 51 30	EM94NR	1025	637	187
LL	331.0	400	•	Tel Aviv/Ben Gurion		ISR	N32 03 43		KM72JB	9278	5765	51
LL	332.0			Lille/Lesquin		F		E003 12 54	JO100N	5973	3711	52
LL	342.0	400	CIV	Fagernes/Leirin				E009 17 48	JP41PA	5812	3611	38
LL LL	351.0 364.5			Senipah Isiolo		INS		E117 09 49 E037 40 03	OI89NB KJ80UJ	14973 12115	9304 7528	337 70
LL	490.0			UNID		?	1100 24 30	E037 40 03	KJOUUJ	12113	7320	70
LL	659.0		civ	Bucharest/Otopeni			N44 34 48	E026 04 36	KN34AN	7756	4819	47
LLB	390.0		CIV	Lalibela				E038 59 44	KK91LX	11252	6992	61
LLD	353.0	1020	civ		н		N20 46 21		BL10MS	7456	4633	277
LLE	329.0	1020		West Bend/Kettle Moraine	WI		N43 25 30	W088 07 38	EN53WK	701	436	269
LLJ	397.0	1020		Challis	ID			W114 12 56	DN24VM	2758	1714	284
LLN	266.0	1020		Levelland	TX			W102 22 31	DM83TN	2288	1422	248
LLS	326.0	400		Lelystad			N52 27 48		JO22SL	6019	3740	49
LLU	356.0	1020		Lamar/Spring River	МО		N37 29 13		EM27UL	1440	895	246
LLW	254.0	1020	civ	Elizabeth City/Woodville	NC	USA	N36 15 47	W076 17 52	FM16UG	889	553	161
LLX	353.0	1020	civ	Lyndonville	VT	USA	N44 30 15	W072 01 45	FN34XM	598	371	81
LM	285.0			Kigali		RRW	S01 58 23	E030 09 56	KI58BA	11727	7287	77
LM	300.0			Ryazan-Dyagilevo		RUS	N54 38 00	E039 34 00	KO94SP	7663	4762	33
LM	309.5		mar	Lamanon/Mys Chirai		RUS	N48 46 40	E141 51 05	QN08WS	8978	5579	334
LM	313.0		civ	Belaya		RUS		E103 31 24	0012SW	9268	5759	358
LM	320.0			Delhi		IND		E077 08 02	ML88NN	11636	7231	21
LM	326.0			Le Mans/Arnage		F		E000 10 17	JN07CV	5914	3675	56
LM	338.0	1020	civ	St.Louis/Oblio	МО		N38 48 01		EM48ST	1081	671	242
LM	396.0			Learmonth				E114 05 45	OG77BS	17302	10751	329
LM	397.0	400		Borlänge/Rommehed/Falun		S		E015 35 18	JP70TJ	6150	3822	37
LM	415.0			Almaty				E076 58 37	MN83LH	10065	6254	17
LM	415.0			Tsentralny/Orenburg				E055 32 06	LO71ST	8555	5316	27
LM	443.0	4000		Almaty				E076 58 30	MN83LH	10065	6254	17
LMA	311.0	1020	enr	Lima		D		E006 23 42	JO31EI	6129	3808	50
LME	379.0	4000		Lome/Tokoin	140			E001 14 52	JJ06OD	8793	5464	92
LMS	212.0	1020		Louisville	MS			W089 03 39	EM53LD	1456	905	
LMS	370.0	1020	<b>~!</b>	La Mesa				W087 55 57	EK65AK	3254	2022	
LMT	420.0	^		Auch/Lamothe		F		E000 36 12	JN03HR	6168	3832	60 54
LMX	406.0	U	CIV	Les Mureaux		F		E001 57 18	JN09XA	5974 15501	3712	54 325
LN	283.0			Larantuka		INS	300 10 30	E122 59 56	PI11LR	15501	9632	325

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LN	305.0			Libreville Leon M Ba			N00 32 08	E009 22 29	JJ40QM	9876	6137	90
LN	338.0			Lusaka		ZMB	S14 58 46	E028 22 22	KH45EA	12575	7814	89
LN	341.0			Lo-Linua		VUT	S13 19 30	E166 37 30	RH36HQ	12940	8041	277
LN	345.0	0	civ	Lannion		F	N48 43 09	W003 18 28	IN88IR	5642	3506	56
LN	356.0			Long Bawang		INS	N03 52 30	E115 41 30	OJ73UV	14502	9011	340
LN	363.0			UNID		?						
LN	370.0			Ndjamena		TCD	N12 08 48	E015 02 51	JK72MD	9440	5866	78
LN	376.0	400	joi	Hultsfred		S		E015 56 42	JO77XL	6329	3933	40
LN	385.0	1020	civ	Lincoln/Potts	NE			W096 45 45	EN10OR	1466	911	262
LN	484.5			Beketovka				E044 22 00	LN28EN	8394	5216	35
LNA	330.0	400	enr	Lena		S		E017 21 30	JO89QM	6283	3904	37
LNA	337.0			Manizales			N05 03 19		FJ25FB	4320	2685	174
LNC	239.0	1020	civ	Lancaster	TX		N32 34 39		EM12PN	1958	1217	
LNC	252.0	4000		Nalinchowk	•		N27 39 01		NL27RP	11935	7416	14
LNH	205.0	1020		Millen	GA		N32 53 41		EM92AV	1241	771	191
LNL	396.0	1020	civ	Land O'Lakes	WI		N46 09 25	W089 12 33	EN56JD	808	502	292
LNL	403.5	400	iw	Mobil/Lancelot		IW	N53 24 34		JO03QJ	5722	3555	49
LNS	339.0			Line		G	N57 30 59	W001 52 06	IO97BM	5362	3332	45 151
LNS LNT	400.0	1000	oi.	Lins Millipseket/Milpst/Meducev	ME	В	S21 39 49	W049 44 01 W068 33 01	GG58DI	7867 884	4889 550	151 74
LNT	344.0 401.0	1020	CIV	Millinocket/Milnot/Medway UNID	IVI⊏	05A ?	N45 38 55	WU00 33 U I	FN55RP	004	550	74
LNZ	327.0	1020	ioi	Linz		AUT	N48 14 14	E014 19 18	JN78DF	6797	4223	50
LO	227.0	1020	joi	Long Apung		INS		E114 58 13	OJ71LQ	14754	9168	340
LO	255.0			Kigali			S01 59 37		KI58DA	11738	7294	77
LO	267.0			Dolisie				E012 40 03	JI65IS	10504	6527	91
LO	302.0			UNID		?	001 12 10	2012 10 00	0.00.0	10001	002.	٠.
LO	315.0		civ	Lviv			N49 50 56	E023 54 06	KN19WU	7249	4504	44
LO	341.0	400		Billund				E009 16 47	JO45PR	6068	3770	44
LO	360.0	400		UNID		?						
LO	364.0		civ	Luxor		EGY	N25 44 16	E032 44 16	KL65IR	9670	6009	57
LO	401.0		civ	Lisbon/Caparica		POR	N38 51 11	W009 05 51	IM58KU	5733	3562	70
LO	406.0			Balashov		RUS	N51 32 00	E043 18 00	LO11PM	8088	5025	33
LO	415.0	1020	civ	West Yellowstone/Targy	MT	USA	N44 34 32	W111 11 51	DN44JN	2521	1566	283
LO	457.5			Louis Trichardt		AFS	S23 03 00	E029 52 00	KG46WW	13272	8247	95
LO	561.0			Lutsk		UKR	N50 47 00	E025 21 00	KO20QS	7262	4512	42
LO	950.0		civ	Kotlas		RUS	N61 12 00	E046 45 54	LP31JE	7391	4593	25
LO	1005.0			Klimovsk		RUS	N55 21 00	E037 32 00	KO85SI	7516	4670	33
LOE	424.0			Limoges/Bellegarde		F		E001 20 24	JN06QA	6090	3784	57
LOG	242.0	1020	civ	Logotala Hill			S14 21 14		AH45PP	11205	6963	261
LOJ	414.0			Loja/Camilo Ponce				W079 22 14	FI06HA	5304	3296	180
LOM	393.0			Amoco/Lomond		IW		E002 10 36	JO17CG	5599	3479	44
LOM	407.0	1000	civ	Salalah				E054 10 48	LK77CB	11780	7319	46
LON	285.0	1020		Quellon				W073 37 55	FE36EU	9657		
LON	350.0	400	CIV	Svalbard/Longyear				E015 24 04	JQ78QF	5376	3340	16
LON	365.0	1020		Londrina	0.4	В		W051 08 09	GG46KQ	7985	4962	
LOP	217.0		mil	Lakeport/Lampson	CA			W122 53 01	CM88NX	3627	2254	
LOR LOR	269.0 359.0	0		Lowe/Fort Rucker (Ozark) (Army) Lorient/Lann Bihoué	AL	USA F		W085 44 37 W003 26 27	EM71DI IN87GS	1497 5678	930 3528	204 57
LOR	360.0	U	11111	Dahra/Warehouse 32				E017 58 27	JL89XL	8350	3528 5188	63
LOS	429.0	1020	civ	Losinj				E017 36 27 E014 28 22	JN74FM	7046	4378	53
LOS	368.0	1020	CIV	UNID		пкv ?	1177 3130	LU 14 ZO ZZ	JIN/#ITIVI	7040	73/0	55
LOU	388.0	٥	civ	Metz/Nancy Lorraine/Louvigny		r F	N48 50 51	E006 12 18	JN38CX	6246	3881	52
LP	264.0	U		Pala				E014 55 48	JJ79LJ	9643	5992	80
LP	300.0		OIV	Lima/Las Palmas				W077 00 49	FH17LS	6217	3863	
LP	310.0		mar	Cabo Santa Maria Lt				W077 00 49 W054 09 06	GF25WH	9070	5636	159
LP	318.0	400		Ronneby/Kallinge		S		E015 17 10	JO76PI	6361	3953	41
	5 10.0	.00	, .			-			30.0.	5501	2300	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LP	343.0	112	-	Limpopo	J/F		S24 35 02	E033 04 00	KG65MJ	13634	<b>mi</b> 8472	94
LP	344.0			Lengpui		IND	N23 50 06	E092 37 21	NL63HU	12462	7743	8
LP	357.0	0	civ	Cholet/Le Pontreau		F		W000 50 12	IN97ND	5885	3657	57
LP	395.0	Ū	011	Lampang			N18 16 41	E099 30 27	NK98SG	13119	8152	1
LP	458.0	1020		UNID		?	1110 10 11	2000 00 27	11110000	10110	0.02	•
LP	1049.0	.020	enr	Shafranovo		-	N53 58 00	E054 47 00	LO73JX	8324	5172	26
LPD	315.0			La Pedrera		CLM		W069 34 49	FI58FQ	5104	3172	166
LPD	373.0	1020	civ	Lampedusa		1		E012 36 57	JM65HM	7533	4681	62
LPD	398.0	0		Montluçon/Guéret		F		E002 20 18	JN16EH	6143	3817	57
LPL	349.5	400	civ	Liverpool		G		W002 43 30	IO83PI	5474	3401	50
LPS	403.0	400	civ	Les Eplatures		SUI	N47 05 00	E006 47 36	JN37JB	6392	3972	54
LPZ	308.0				LA	USA	N32 30 56	W092 37 39	EM32QM	1706	1060	227
LPZ	350.0			La Paz		BOL	S16 30 28	W068 10 09	FH53VL	6786	4217	168
LQ	328.0			Shilong		CHN	N23 05 24	E113 51 12	OL63WC	12465	7745	347
LQ	375.0	1020	civ	Springfield/Licol	IL	USA	N39 54 43	W089 36 11	EM59EV	950	590	246
LQ	382.0	1020	civ	Boston/Lyndy/Lynnfield	MA	USA	N42 27 07	W070 57 48	FN42MK	709	440	100
LQ	448.0	1020	mil	Landsberg		D	N48 05 41	E011 01 08	JN58MC	6602	4102	51
LQA	416.0	1020	civ	Malta		MLT	N35 53 30	E014 32 18	JM75GV	7640	4747	60
LQK	408.0	1020	civ	Pickens/Lake Keowee	SC	USA	N34 48 40	W082 42 13	EM84PT	1046	650	197
LQL	263.0	1020		Willoughby/Lakeland	OH	USA	N41 40 57	W081 22 44	EN91HQ	292	181	
LQR	296.0	1020	civ	Larned	KS	USA	N38 12 16	W099 05 15	EM08KE	1762	1095	256
LQV	252.0		civ	Pennington Gap/Long Hollow	VA	USA	N36 42 25	W083 04 27	EM86LQ	855	531	202
LQX	339.0			Lehighton/Carbon	PA			W075 45 33	FN20CT	458	285	
LR	206.0	1020	civ	Las Cruces/Hawke	NM		N32 13 09	W106 50 11	DM62NF	2712	1685	
LR	215.0			Gubeikou			N40 38 00	E117 05 00	ON80NP	10497	6523	
LR	225.0			Kunming				E102 39 35	OL14HU	12387	7697	
LR	228.0			Larap				E122 38 05	PK14HG	13185	8193	
LR	295.0			Sleptsovskaya/Ingushetia			N43 18 30	E045 04 30	LN23MH	8889	5523	38
LR	300.5	400		Lavrova				E166 53 00	RP30KH	6989	4343	
LR	335.0	400	CIV	Mosjøen/Kjærstad/Laksfors UNID		NOR ?	N65 37 06	E013 17 48	JP65PO	5786	3596	32
LR	356.0	1000	oi.		TV		NO7 20 22	W000 27 20	EL 070D	2544	1570	224
LR LR	405.0 770.0	1020 1020		Laredo/Pekks Kraków/Balice	TX			W099 27 29 E019 51 00	EL07GP JO90WB	2541 7004	1579 4352	231 45
LRA	370.0	1020	CIV	UNID		?	1430 03 00	L019 31 00	JO3011D	7004	4002	45
LRA	401.0	1020	civ	La Coruña		E E	N43 21 56	W008 19 42	IN53UI	5552	3450	64
LRD	404.0	1020	CIV	Lérida		E	N41 33 11	E000 38 53	JN01HN	6295	3911	62
LRE	353.0	1020		Longreach		AUS	S23 25 42	E144 17 21	QG26DN	15443	9596	286
LRG	216.0	1020	civ	Lincoln	ME			W068 32 13	FN55RI	881	547	76
LRJ	382.0	1020	0	Le Mars	IA			W096 11 33	EN12VS	1361	845	
LRN	325.0			La Romana				W068 55 16	FK58MK	2989	1857	
LRO	419.0		civ	Leros				E026 48 08	KM37JE	8364	5197	52
LRR	379.0	1020		Oakdale/Allen Parish	LA			W092 41 21	EM30PP	1877	1166	
LRT	227.0	1020		Lake Albert				E139 20 53	PF94QH	16609	10320	
LRT	269.0	1020		Lawrenceburg	TN	USA	N35 14 08	W087 15 38	EM65IF	1171	728	218
LS	222.0			Lhok Sukon		INS	N05 03 57	E097 15 36	NJ85PB	14572	9054	4
LS	239.0			Capitan Corbeta		URG	S34 51 44	W055 06 01	GF25KD	9064	5632	160
LS	272.0	1020	civ	La Crosse/Mindi	WI	USA	N44 00 14	W091 15 39	EN44IA	947	588	275
LS	303.5		mar	Mys Lesovskiy		RUS	N64 20 14	E173 33 42	RP64SI	6439	4001	331
LS	315.0		civ	Igarka				E086 32 12	NP37GL	7598	4721	6
LS	332.0	400*		Ulyanovsk/Vostochny				E048 16 24	LO44DH	8051	5002	29
LS	339.0	400	civ	Førde/Bringeland/Langeneset			N61 24 41		JP21WJ	5626	3496	38
LS	485.0			Louis Trichardt/Makhado			S23 09 35	E029 43 31	KG46UU	13268	8245	95
LS	622.0		civ	Ustyug			N56 23 00	E092 50 00	NO66KJ	8867	5510	4
LS	732.0			Kamianets-Podilskyi				E026 36 00	KN38HQ	7481	4649	44
LS	1155.0	400*		Krasnyi Luch				E038 56 24	KN98LE	8168	5075	38
LSA	338.0	1020	civ	Lamesa	TX	USA	N32 45 30	W101 54 58	DM92BS	2309	1435	245

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LSA	362.0		mil		0,,		N39 38 44	E022 27 42	KM19FP	7900	4909	53
LSh	298.0			Nyagan			N62 03 54	E065 36 42	MP22TB	7850	4878	17
LSH	340.0	400	pri	Lashenden/Headcorn		G		E000 38 53	JO01HD	5783	3593	52
LSO	256.0	1020	•	Kelso	WA		N46 09 20	W122 54 46	CN86ND	3391	2107	
LSO	370.0			Lashio			N22 58 45	E097 45 16	NL82VX	12594	7826	3
LSO	419.0	400		Lee-on-Solent		G	N50 49 00	W001 12 00	IO90JT	5681	3530	53
LST	230.0	1020		Leinster			S27 50 26	E120 42 01	PG02ID	17481	10862	
LST	295.0	1020		Lagoa Santa		В	S19 39 32		GH80BI	7916	4919	
LST	305.0	1020	civ	Lone Star Steel Co	TX	USA	N32 55 41	W094 44 36	EM22PW	1801	1119	
LST	383.0	400	mil	Lista		NOR	N58 04 18	E006 41 13	JO38IB	5812	3611	42
LSU	320.0	0	civ	Limoges/Bellegarde		F	N45 47 00	E001 06 24	JN05NS	6088	3783	58
LT	242.0			Launceston		AUS	S41 33 40	E147 13 30	QE38OK	16240	10091	258
LT	289.5			UNID		?						
LT	300.0		mar	La Isleta		CNR	N28 10 24	W015 25 00	IL28GE	5876	3651	85
LT	305.0	400	civ	Alert Bay	NU	CAN	N82 31 33	W062 12 41	FR82VM	4348	2702	4
LT	318.5			Mys Litke		RUS	N53 56 00	E140 19 00	QO03DW	8525	5297	337
LT	336.0	400		Halmstad		S	N56 47 49	E012 50 32	JO66KT	6206	3856	42
LT	358.0	400*	civ	Le Touquet/Paris Plage		F	N50 32 18	E001 35 22	JO00TM	5872	3649	52
LT	600.0			Chokurdakh		RUS	N70 38 12	E148 00 54	QQ40AP	6746	4192	344
LT	1145.0	1020	enr	Liutizh		UKR	N50 42 12	E030 23 42	KO50EQ	7535	4682	40
LTD	371.0	1020		Litchfield	IL	USA	N39 09 58	W089 40 08	EM59DD	1000	621	242
LTK	414.0		civ	Latakia/Basel Al-Assad Intl		SYR	N35 28 49	E035 56 32	KM75XL	9065	5633	48
LTN	407.0	1020		Laverton		AUS	S28 36 44	E122 25 21	PG11FJ	17434	10833	304
LTR	420.0		iw	Talisman/Saltire Alpha		IW	N58 24 58	E000 19 57	JO08DJ	5452	3388	43
LTU	326.0	1020	civ	Spencer/Little Sioux	IA	USA	N43 07 37	W095 07 58	EN23KD	1269	788	272
LTV	486.0	400		Latrobe Valley		AUS	S38 12 49	E146 28 30	QF31FS	16159	10041	264
LTY	323.0	1020	civ	Chester	MT	USA	N48 30 29	W110 58 51	DN48MM	2468	1534	293
LU	214.0	400	civ	Cultus Lake/Abbotsford	BC	CAN	N49 01 16	W122 02 59	CN89XA	3277	2036	295
LU	240.0			Lubuk Linggau		INS	S03 16 59	E102 55 01	OI16LR	15499	9631	356
LU	258.0			Luanda		AGL	S08 47 00	E013 18 00	JI61PF	10902	6774	94
LU	264.0	0		Lifou		NCL	S20 46 33	E167 14 20	RG390F	13433	8347	270
LU	310.0		joi	Cairo			N30 10 00	E031 27 00	KM50RE	9222	5730	54
LU	357.0			Lu				E121 48 03	PL05VD	12060	7494	
LU	378.0		mil	Le Luc/Le Cannet		F	N43 23 13	E006 31 31	JN33GJ	6594	4097	58
LU	384.0			Udaipur		IND	N24 37 17		ML64XO	11949	7425	25
LU	397.0		civ	Banja Luka		BIH	N44 57 39	E017 17 45	JN84PX	7196	4471	51
LU	430.0			Batumi		GEO		E041 36 50	LN01TO	8863	5507	41
LU	472.5			Louis Trichardt/Makhado			S23 09 37		KG46TU	13258	8238	95
LU	1255.0	1020		Luhansk	١/٨			E039 18 05	KN98PK	8165	5074	37
LUA	245.0	1020		Luray/Caverns	VA			W078 28 18	FM08SQ	583		172
LUB	351.0			Lubín				E016 12 40	JO81CJ	6709	4169	46 45
LUB	416.0		CIV	Lübeck/Blankensee		D		E010 40 09	JO53IW	6242	3879	45
LUC	403.0	400	m:I	Lubin/Radawiec				E022 24 00 E017 49 36	KO11EF	7070	4393	43
LUE	427.0	400	11111	Kramfors/Lunde	TNI	S			JP82VV	6119	3802	34
LUG LUK	251.0 335.0	1020 1020	civ	Lewisburg/Verona Cincinnati	TN OH			W086 48 35 W084 20 29	EM65OM EM79TD	1124		217
LUP	407.0	1020		Laupheim	ОП	D		E009 54 39	JN48WF	665 6525	4054	219 51
LUR	385.0	1020		Cape Lisburne (AF)	AK			W166 04 35	AP68XU	5413	3364	
LUT	345.0	400		London/Luton	ΑΙ.	G		W000 15 00	IO91UV	5691	3537	
LUX	307.0	1020		Laurens	SC			W000 15 00 W081 56 59	EM94AM	1064	661	193
LUZ	400.0	1020	UIV	Luziânia	30	В	S16 15 31		GH63AR	7391	4593	
LV	275.0		civ	Dallas/Conis	TX			W047 38 10 W096 46 31	EM12OS	1947	1210	
LV	300.0	1020	CIV	UNID	17	?	1102 70 23	***************************************	LIVITZOO	1341	1210	201
LV	315.0	1020	civ	Lviv			N49 46 47	E024 00 19	KN29AS	7259	4511	44
LV	327.0			Köln/Bonn		D		E007 14 25	JO30OT	6211	3860	50
LV	350.0	. 520	J1 V	Lastourville				E012 44 58	JI69IE	10252	6370	89
	500.0					٠,١٥	300 10 00	_0 1 _ ++ 00	3.00.L	.0202	5575	50

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LV	374.0	1020		Livermore/Reiga	CA	USA		W121 41 03	CM97DQ	3589	2230	274
LV	390.0	400	pri	Arvika		S	N59 37 30	E012 38 18	JO69HP	6046	3757	39
LV	524.0	1020		Klin		RUS	N56 22 00	E036 44 00	KO86II	7400	4598	33
LV	524.0		civ	Shushenskoye		RUS	N53 23 00	E092 03 18	NO63AJ	9194	5713	5
LV	570.0		civ	Uzin		UKR	N49 44 54	E030 25 06	KN59FR	7609	4728	41
LV	955.0		civ	Shushenskoye		RUS	N53 23 00	E092 03 18	NO63AJ	9194	5713	5
LVA	254.0			Limpopo Vally		BOT	S22 11 03	E029 07 00	KG47NT	13152	8172	94
LVA	310.0		civ	Lavan Island		IRN	N26 48 00	E053 23 11	LL66QT	10826	6727	41
LVG	227.0	400		Mount Livingstone		AUS	S37 08 41	E147 32 55	QF32SU	16023	9956	265
LVK	284.5		civ	Namsos/Leirvika			N64 26 21	E011 17 22	JP54PK	5752	3574	33
LVM	303.0	1200		UNID		?						
LVO	397.0		civ	Mitilini/Odysseas Elytis/Lesvos			N39 02 59	E026 36 22	KM39HB	8207	5100	51
LVV	404.0	1020	civ	Delavan/Lake Lawn	WI		N42 41 56	W088 35 35	EN52QQ	753	468	263
LW	257.0	1020	civ	Kelowna	BC		N50 03 39	W119 24 59	DO00HB	3078	1912	297
LW	290.0			Lawang		INS	S07 49 19	E112 41 28	OI62IE	15838	9841	340
LW	300.5	1020		Köln/Bonn		D		E007 15 10	JO30PV	6207	3857	50
LW	318.5		mar	Mys Likhachev		RUS		E173 15 13	RP64PK	6446	4005	331
LW	335.0			Malikus Saleh		INS	N05 13 36	E096 57 01	NJ85LF	14552	9042	5
LW	338.0			Lodwar		KEN		E035 36 45	KJ73TC	11741	7295	70
LW	345.0	4000		Langebaanweg	1407	AFS	S32 58 51	E018 08 56	JF97BA	13023	8092	111
LW	346.0	1020	CIV	Lewisburg/Bushi	WV	USA ?	N37 46 56	W080 28 06	EM97SS	684	425	188
LW	356.0		ois r	UNID Relations		-	NE1 E2 00	F047 4F 01	1.024\/1.1	0040	E10E	24
LW LW	375.0 386.0		CIV	Balakovo Lusaka			N51 52 00 S15 19 13	E047 45 01 E028 22 16	LO31VU KH44EQ	8248 12600	5125 7829	31 89
LW	402.0	1020	oiv		MA		N42 38 39	W071 11 50	FN42JP	685	425	99
LW	404.0	1020		Lawrence/Haget/Andover Luxembourg	IVIA		N42 36 39 N49 36 48	E006 10 36	JN39CO	6210	3859	52
LW	471.0	1020	CIV	Leszno/Strzyzewice			N51 51 00		JO81HU	6703	4165	45
LWG	225.0	1020	civ	Corvallis/Lewisburg	OR		N44 36 49	W123 16 14	CN84IO	3457	2148	287
LWT	353.0			Lewistown	MT		N47 04 03	W109 32 07	DN57FB	2363	1468	289
LX	386.0	1020	CIV	Alexandra	141 1		S45 09 56	E169 28 47	RE44RU	14710	9140	243
LX	402.0	400	mil	Eskilstuna/Kjula		S		E016 43 00	JO89IG	6267	3894	38
LXI	363.5		mil			F	N47 47 48	E006 22 31	JN37ET	6325	3930	53
LXL	359.0	1020		Little Falls	MN		N45 57 00		EN25TW	1195	743	286
LXT	263.0	1020		Lee's Summit/Lesumit	МО		N38 57 40	W094 22 17	EM28TX	1359	845	251
LXV	378.0	1020		Leadville	CO		N39 26 24		DM69NK	2327	1446	267
LXY	329.0	1020	civ	Mexia	TX	USA	N31 38 23	W096 30 44	EM11RP	2019	1255	233
LY	288.0		enr	Ust-Tareya		RUS	N73 12 00	E089 45 00	NQ43VE	6989	4343	4
LY	325.0			Loei		THA	N17 26 55	E101 43 35	OK07UK	13211	8209	359
LY	350.0			Lanyu		TWN	N22 04 36	E121 30 29	PL02SB	12394	7702	339
LY	370.0		civ	N'Djamena		TCD	N12 05 06	E014 58 59	JK72LC	9440	5866	78
LY	385.0		civ	Evington/Bojar	VA	USA	N37 15 45	W079 14 36	FM07JG	737	458	179
LY	397.5			Ladysmith		AFS	S28 33 22	E029 45 39	KG41VK	13633	8471	100
LYD	249.0	1020		Houston/Lakeside	TX	USA		W095 40 40	EL29DT	2121	1318	228
LYE	394.0	1020	civ	Lübeck/Blankensee		D		E010 41 45	JO53IT	6252	3885	45
LYI	414.0	1020		Libby	MT			W115 29 47	DN28GH	2803	1742	
LYL	362.0	1020		Lima	ОН			W084 01 24	EN70XQ	517	321	228
LYN	215.0		civ	Laâyoune Hassan 1st/El Ayoune				W013 13 00	IL37JE	6117	3801	84
LYO	386.0	1020		Lyons	KS			W098 13 37	EM08VI	1688	1049	255
LYS	360.0			Lyndon/Olean	NY			W078 20 06	FN02TG	201		153
LYS	405.0	0		Lyon/Satolas		F		E005 06 18	JN25NO	6367	3957	56
LYu	309.5			Olyutorskiy				E170 13 00	RO59CW	6875	4272	
LYX	397.0			Lydd Daialaidaa Mailla	٠.	G		E000 57 19	JO00LX	5811	3611	52
LYZ	359.0	1020		Bainbridge/Willis	GA			W084 31 34	EM70RX	1502	933	199
LZ	212.0	4000		Ufa				E055 58 36	LO74XM	8313	5165	25
LZ	310.0	1020		Lanzarote				W013 36 43	IL38EW	5970	3709	83
LZ	350.0		CIV	Blagoveschensk		KUS	N50 22 30	E127 25 42	PO30RJ	9241	5742	343

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
LZ	361.0		•	Liling	3,1		1	E113 32 00	OL67SP	11975	7441	348
LZ	420.0			UNID		?	00 00		0_0,0,	. 1070		2.0
 M	195.0		civ	Vladivostok/Knevichi			N43 24 30	E132 11 00	PN63CJ	9837	6113	338
M	201.0			Fort McMurray/Mike	AB			W111 05 32	DO46KP	2629	1633	314
M	266.0		civ	Baia Mare				E023 26 18	KN17RP	7377	4584	46
М	283.0			Mineralnye Vody		RUS	N44 14 00	E043 04 00	LN14MF	8709	5411	38
М	302.0			UNID		?						
М	308.0		civ	Izhevsk		RUS	N56 48 48	E053 26 24	LO66RT	8011	4978	25
M	320.0			Malargue		ARG	S35 30 48	W069 33 30	FF54FL	8850	5499	172
M	320.0		civ	Moscow/Domodedovo		RUS	N55 25 48	E037 51 54	KO85WK	7524	4675	33
M	333.0		civ	Maykop		RUS	N44 39 00	E040 06 00	LN04BP	8523	5296	40
M	336.0	400	civ	Mikkeli		FIN	N61 41 46	E027 09 18	KP31NQ	6597	4099	32
M	338.0		civ	Moscow/Sheremetyevo		RUS	N55 58 00	E037 22 24	KO85QX	7460	4635	33
M	366.0	400	civ	Moncton/Mike	NB	CAN	N46 06 15	W064 47 31	FN76OC	1180	733	73
M	403.0		civ	Budapest/Ferihegy		HNG	N47 25 26	E019 15 39	JN97PK	7149	4442	48
M	411.0	400	civ	Kokkola-Pietarsaari/Kruunupyy		FIN	N63 44 00	E023 09 00	KP13NR	6300	3914	31
M	471.0			UNID		?						
M	481.0		civ	Bishkek/Manas		KGZ	N43 03 24	E074 26 24	MN73FB	10030	6232	19
M	509.0		civ	Taraz		KAZ	N42 52 06	E071 17 00	MN52PU	9964	6191	21
M	511.0		civ	Gomel			N52 31 00	E031 03 00	KO52MM	7431	4618	38
M	520.0		civ	Samarkand			N39 42 10	E066 57 21	MM39LQ	10153	6309	25
М	525.0			Mostkowo			N53 00 00	E015 03 00	JO73MA	6545	4067	45
M	650.0			Yaroslavl/Tunoshna					LO07CN	7450	4629	31
M	654.0		civ					E071 28 00	MO51RA	9120	5667	18
M	680.0		CÍV	Ulyanovsk/Vostochny			N54 14 42		LO44CF	8054	5004	29
M	685.0			Yakutsk			N62 06 00		PP42VC	7966	4950	346
M	707.0	1000	CIV	Yamburg UNID		RUS ?	N68 00 00	E075 03 30	MP78MA	7414	4607	10
M M	879.0 910.0	1020	oiv			-	N56 48 30	E035 43 00	KO76UT	7321	4549	22
M	985.0		civ	Tver/Migalovo Kotlas/Satvatiya		RUS		E035 43 00 E046 52 00	LP30KX	7413	4606	33 25
M3	402.0	1020	Civ	•	SK	CAN		W109 10 46	DO51JM	2366	1470	302
M4	296.0	400		Gimli Indus Park	MB		N50 38 05	W097 02 36	EO10LP	1522	946	
M5	307.0	400		Manning	AB			W117 37 42	DO16EW	3022	1878	
М9	240.0	400		Smithers/Kathlyn	вс		N54 49 29	W127 10 49	CO64JT	3593	2232	
MA	228.0			Chennai		IND	N12 57 20	E080 04 30	NK02AW	13378	8312	23
MA	244.0			Masamba		INS	S02 33 29	E120 19 28	PI07DK	15030	9339	332
MA	284.5	0	mar	Cabo Machichaco		Ε	N43 27 24	W002 45 06	IN83OK	5947	3695	62
MA	285.0			Mahajanga		MDG	S15 40 58	E046 22 11	LH34EH	14058	8735	76
MA	291.5		mar	Ostrov Matveyev		RUS	N69 28 24	E058 30 00	LP99GL	6971	4332	15
MA	293.0			Malanje		AGL	S09 33 00	E016 22 00	JI80EK	11206	6963	93
MA	307.0		civ	Lebyazhe				E045 13 00	LO20OE	8288	5150	33
MA	316.0			Maupiti				W152 14 33	BH33VN	9942	6178	
MA	316.0			Mansa			S11 08 06	E028 52 00	KH48KU	12329	7661	85
MA	322.0			Lianshengwei				E113 28 00	OL62RF	12566	7808	
MA	326.0	1020		Midland/Farly	TX			W102 19 30	DM81UX	2393	1487	
MA	336.0		CÍV	Cadillac/Wexor	MI		N44 14 14		EN74FF	489		277
MA	338.0	400		Mount Isa			S20 40 31	E139 29 12	PG99RH	15600	9693	
MA	355.0	400		Mostar				E017 51 34	JN83WF	7351	4567	52
MA	357.0	800		Leipzig/Halle		D		E012 20 36	JO61EJ	6485	4030	47 27
MA	363.0	700 400		Kuressaare	VT		N58 13 17	E022 30 35 W135 53 35	KO18GF	6612	4109	37
MA MA	365.0 384.5	400		Mayo Matam/Ouro-Soqui	ΥT			W0135 53 35 W013 14 59	CP23BP IK35JP	4130 6919	2566 4299	
MA	384.5 390.0			Matam/Ouro-Sogui Madrid/Barajas		SEN		W013 14 59 W003 29 26	IN80GJ	6062	4299 3767	95 65
MA	390.0	400		Maniitsoq				W003 29 26 W052 55 16	GP35MJ	2897	1800	25
MA	391.0	400	CIV	Macenta		GUI		W009 32 13	IJ58FL	7753	4818	25 98
MA	400.0			Mandera				E041 51 51	LJ03WW	12134	7540	96 64
W.	₹00.0			Manacia		17514	1100 00 20	_0713131	_0000	12 104	, 540	U <del>-1</del>

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MA	460.0		-	Chaybukha			N61 49 30	E160 30 48	RP01GT	7120	4424	333
MA	682.0		civ	Maykop		RUS	N44 37 06	E040 08 54	LN04BO	8529	5299	40
MA	770.0		civ	Mariupol		UKR	N47 02 12	E037 25 36	KN87RA	8187	5087	39
MA	875.0	400		UNID		?						
MAC	240.0	1020		Macaé		В	S22 20 43	W041 45 41	GG97CP	8282	5146	144
MAC	285.0			Macara		EQA	S04 22 42	W079 56 30	FI05AO	5346	3322	181
MAD	318.0	1020	civ	Funchal		MDR	N32 44 53	W016 42 23	IM12PR	5490	3412	81
MAE	260.0	1020		Campo de Marte		В	S23 30 25	W046 38 11	GG66QL	8180	5083	149
MAJ	316.0	1020		Majuro Atoll		MHL	N07 04 08	E171 16 55	RJ57PB	10981	6823	289
MAJ	512.5			Majuba		AFS	S27 03 35	E029 44 39	KG42UW	13534	8410	98
MAK	360.5	1020		Mackel for Brussels Natl		BEL	N50 57 53	E003 29 46	JO10RX	5971	3710	51
MAL	364.0	1020	joi	Milano/Malpensa		I	N45 32 45	E008 45 23	JN45JN	6612	4108	55
MAN	310.0			UNID		?						
MAO	388.0	1020	CiV	Marion	SC		N34 11 07	W079 20 00	FM04HE	1078	670	
MAR	300.0			Cajamarca			S07 08 24	W078 29 26	FI02SU	5652	3512	
MAR	322.0			Marmorilik			N71 07 41	W051 13 21	GQ41JD	3400	2113	18
MAR	375.0	0	ois r	Marlim		В	S22 21 26	W040 05 26	GG97WP	8363	5197	
MAR MAR	383.0 416.0	U	civ	Marseille/Provence Algiers/Houari Boumedienne		F ALG	N43 29 23 N36 41 07	E005 08 14 E002 46 57	JN23NL JM16JQ	6493 6745	4035 4191	58 66
MAS	370.0	400	CIV	UNID		ALG	1130 41 0/	LUUZ 40 37	OINI IOOQ	0743	4181	00
MAS	405.0	+00		Macas		-	S02 18 12	W078 07 15	FI07WQ	5119	3181	178
MAT	244.0	1020		Matecana		CLM		W075 46 36	FJ24CT	4346	2701	174
MB	254.0	1020		Manistee/Jepot	МІ			W086 08 34	EN64WG	537	334	
MB	257.0	1020	civ	Saginaw/Olste	MI		N43 27 42		EN73VL	384	239	
МВ	293.0	1020		Victoria/Mill Bay	ВС		N48 40 18	W123 32 06	CN88FQ	3390	2106	
MB	320.0			Mbeya		TZA	S08 54 52	E033 27 29	KI61RC	12526	7783	80
MB	330.0	0	civ	Montbéliard/Courcelles		F	N47 30 18	E006 55 48	JN37LM	6377	3963	53
MB	345.0		civ	Yamburg		RUS	N68 01 48	E075 02 54	MP78MA	7411	4605	10
MB	358.0		iw	Mobil/Camelot A		IW	N52 45 22	E003 45 27	JO12VS	5897	3664	49
MB	366.0	400	civ	Lolland Falster/Maribo		DNK	N54 41 48	E011 30 00	JO54SQ	6248	3882	44
MB	387.0		civ	Dakhla		EGY	N25 25 15	E029 00 05	KL45MK	9442	5867	59
MB	398.0			Moorabbin		AUS	S37 58 35	E145 05 25	QF22NA	16259	10103	265
MB	403.0		enr	Marsa Brega		LBY		E019 34 21	JM90SK	8393	5215	62
MB	430.0	1020	civ	Chernukha			N55 36 00	E043 47 00	LO15VO	7760	4822	30
MB	450.0	0		UNID		?						
MB	487.0	0		UNID		?	1140 00 00	<b>50040000</b>	14170ED	7007	4004	00
MB	510.0			Poltava			N49 38 00	E034 29 00	KN79FP	7827	4864	39
MB MB	529.0			Maloye Goloustnoye			N52 18 00	E105 20 00	OO22QH	9335 8428	5801 5237	357
MB MB	625.0 1030.0		oiv.	Krasnodar-Centr.			N45 05 00	E038 57 00	KN95LB			40 21
MBA	289.0	1020		Taraz Mansbach		D	N50 46 39	E071 15 36 E009 54 27	MN52PV JO40WS	9961 6375	6189 3961	49
MBI	330.0	1020	CIII	Marambio			S64 13 54		GC15QS	12154	7552	
MBJ	248.0	1020		Montego Bay				W077 55 06	FK18AM	2819	1752	
MBV	356.0	. 520		South Hill	VA			W077 03 00 W078 03 00	FM06XQ	808		171
MBY	377.0			Modbury			S34 49 56	E138 41 56	PF95IE	16616	10325	
MC	290.0		civ	Macon/Sofke	GA			W083 42 48	EM82DP	1303	809	
MC	325.0		civ	Bugulma		RUS	N54 38 00	E052 48 00	LO64JP	8191	5090	27
MC	335.0	0		Montluçon/Domérat		F	N46 22 21	E002 29 34	JN16FI	6149	3821	56
MC	348.0	1020		Mason City/Surff	IA	USA	N43 03 09	W093 19 40	EN33IB	1125	699	270
MC	357.0			Roodeplaat		AFS	S25 38 14	E028 22 01	KG44EI	13329	8282	98
MC	362.0			Malacca		MLA	N02 12 30	E102 13 19	OJ12CE	14895	9255	358
MC	380.0			Maroochydore				E153 05 30	QG63NJ	14965	9299	
MC	394.0			Mombasa			S03 56 55	E039 38 32	KI96TB	12617	7840	72
MC	413.0	400	civ	McComb/Ferni (State)	MS			W090 30 44	EM41RG	1706	1060	
MC	514.0			Mocchau			N20 49 41		OL20IT	12825	7969	
MCH	413.0	0	enr	Mecheria		ALG	N33 32 57	W000 13 09	IM93VN	6722	4177	70

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
МСН	428.0	400	civ	Manchester		G	N53 21 12	W002 16 23	IO83UI	5501	3418	50
MCL	310.0	1020		Montes Claros		В	S16 42 13	W043 49 09	GH83CH	7627	4739	143
MCL	381.0			Mariscal Estigarribia		PRG	S22 02 33	W060 37 01	FG97QW	7550	4691	161
MCO	338.0			Mallacoota		AUS	S37 35 48	E149 43 45	QF42UJ	15871	9862	263
MCO	340.0			Maceió		В	S09 30 46	W035 47 32	HI20CL	7373	4582	132
MCP	215.0			Macapá		В	N00 02 47		GJ40LB	5614	3489	142
MCR	310.0	1020		Manicoré		В	S05 48 26	W061 16 55	FI94IE	5799	3604	157
MCR	500.0	1020		UNID		?						
MCT	331.0			Mactan		PHL	N10 18 33	E123 59 04	PK10XH	13554	8422	
MCX	377.0	1020		Monticello/White County	IN		N40 42 37	W086 45 44	EN60OR	698	434	
MCY	326.0	1020	mil	Mercury (AF)	NV		N36 37 39	W116 01 39	DM16XP	3186	1980	
MCZ	336.0	1020	<b>_</b> :	Williamston	NC		N35 51 33		FM15JU	913	568	167
MD	204.0		CIV	Harrisburg/Enola	PA			W076 54 02	FN10NF	457	284	
MD MD	244.0 255.0			Rionegro Manado		INS	N06 03 20 N01 28 51	W075 25 21 E124 54 34	FJ26GB PJ21KL	4211 14428	2617 8965	173 328
MD	358.0		iw	Mobil/Camelot C		IW	N52 24 35	E003 51 40	JO12WJ	5921	3679	320 49
MD	362.0		IVV	Madang			S05 12 46	E145 47 01	QI24VS	13866	8616	
MD	369.0		civ	Madrid/Barajas		E	N40 33 25	W003 33 48	IN80FN	6048	3758	65
MD	371.0	1020		Bemidji/Bunan	MN			W003 55 46 W094 50 06	EN27NK	1259		294
MD	381.0	1020	OIV	Mondulkiri			N12 27 54	E107 11 36	OK32OL	13727	8530	
MD	383.0			Noumea/Magenta			S22 28 41	E166 28 02	RG37FM	13614	8459	
MD	388.0	1020	civ	Carbondale/Cabbi	IL		N37 52 12		EM57JU	1061	659	
MD	400.0			Madurai		IND	N09 50 32	E078 06 59	MJ99BU	13639	8475	26
MD	405.0			Minami Daito		J	N25 50 26	E131 14 45	PL55OU	11675	7254	332
MD	583.0		civ	Mineralnye Vody		RUS	N44 15 30	E043 00 30	LN14MG	8704	5408	38
MD	635.0		civ	Izhevsk		RUS	N56 47 36	E053 25 18	LO66RT	8013	4979	25
MDA	432.0	400	iw	British Gas/Armada		IW	N57 57 25	E001 50 39	JO07WW	5553	3451	43
MDB	399.0		civ	Amman/Queen Alia Intl/Madaba		JOR	N31 42 34	E035 51 01	KM71WR	9375	5825	51
MDD	305.0			Monte Dourado		В	S00 53 00	W052 36 11	GI39QC	5633	3500	144
MDE	379.0	1020	civ	Cincinnati/Madeira	ОН			W084 21 19	EM79TF	660	410	
MDF	284.0	1020	civ	Mooreland	OK		N36 29 04	W099 11 36	EM06JL	1865	1159	
MDG	398.0			Mudgee			S32 33 55	E149 36 59	QF47TK	15614	9702	
MDI	404.0			Marudi				E114 18 08	OJ74DE	14506	9014	
MDN	204.0			Mingaladon			N16 55 47	E096 08 47	NK86BW	13255	8236	5
MDP	385.0			Mar del Plata			S37 56 21	W057 34 32	GF12FB	9327	5796	163
MDR	434.0		enr	Mudurge for Erzurum Mingaladon				E041 19 42	LM09PX	8990	5586	42 5
MDS MDS	397.0 400.0	1020	civ		SD		N16 52 29 N44 00 50	E096 06 35 W097 05 18	NK86BU EN14KA	13260 1413	8240 878	
MDX	387.0	1020	CIV	UNID	30	?	1144 00 50	VV097 03 18	LNIANA	1413	070	211
MDY	390.0			Chanmya			N21 56 39	E096 05 23	NL81BW	12700	7892	5
MDY	400.0	400		Midway			N28 12 13	W177 22 46	AL18HE	8480	5269	
MDZ	335.0	1020	civ	Medford/Taylor County	WI		N45 06 19		EN45UC	873		283
ME	216.0	400		Matane	QC		N48 50 00		FN68FT	1066	663	55
ME	240.0			Mangole			S01 46 55	E125 28 55	PI28RF	14734	9155	
ME	255.0			Berea				E027 33 57	KG30SN	13516	8399	
ME	257.0	1020		Maxton/Maxtn	NC	USA	N34 44 02	W079 26 40	FM04GR	1017	632	180
ME	287.0	1020	civ	Memphis/Elvis	TN	USA	N35 03 41	W090 04 18	EM45XB	1338	831	227
ME	300.0			Myeik		BRM	N12 27 00	E098 37 23	NK92HK	13762	8551	2
ME	318.5		mar	Mys Menshikova		RUS	N53 17 42	E141 24 36	QO03QH	8553	5314	336
ME	343.0			Menongue			S14 38 00	E017 41 00	JH85UI	11692	7265	96
ME	346.0			Port Sudan			N19 34 38	E037 13 02	KK89ON	10487	6516	58
ME	350.0	1020		9	IL			W088 01 36	EN51XX	731	454	
ME	356.0	1020	civ	Meridian/Savoy	MS		N32 14 50	W088 46 18	EM52OF	1527	949	
ME	394.0			Nikolayevsk-Na-Amure			N53 09 00	E140 38 06	QO03HD	8592	5339	
ME	405.0			Izmir/Adnan Menderes				E027 10 46	KM38OE	8309	5163	51
MEA	375.0	400	civ	El Golea		ALG	N30 33 49	E002 53 42	JM10KN	7155	4446	71

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MED	392.0			Medouneu		GAB	N01 00 04	E010 44 58	JJ51IA	9951	6183	89
MEF	356.0	1020		Medford	OR	USA	N42 23 30	W122 52 44	CN82NJ	3495	2172	283
MEG	401.0	1020	civ	Mengen		D	N48 03 16	E009 22 03	JN48QB	6500	4039	52
MEJ	389.0	1020		Meade	KS	USA	N37 17 03	W100 21 31	DM97TG	1909	1186	255
MEK	251.0			Meekatharra		AUS	S26 36 56	E118 32 25	OG93GJ	17503	10876	315
MEL	394.0		enr	Metlika		SVN	N45 39 17	E015 19 06	JN75PP	7025	4365	51
MEP	451.0			UNID		?						
MER	365.0		joi	Aleppo		SYR	N37 18 18	E036 10 18	KM87CH	8926	5547	47
MER	395.0			Merimbula		AUS	S36 54 51	E149 53 58	QF43WC	15824	9833	264
MEY	335.0	1020		Mapleton	IA	USA	N42 10 50	W095 47 41	EN22CE	1343	834	268
MEZ	242.0	1020		Mena	AR		N34 32 55	W094 12 36	EM24VN	1639	1018	236
MEZ	358.0		joi	Damascus International/Mezzeh			N33 29 00	E036 14 00	KM83CL	9250	5748	49
MF	207.0			Muzaffarabad			N34 20 31	E073 30 24	MM64SI	10919	6785	22
MF	279.0			Mamfe			N05 42 26	E009 18 02	JJ45PQ	9475	5887	87
MF	291.5			Ras Matifou			N36 48 48	E003 14 48	JM16OT	6771	4207	66
MF	334.0		civ	Yakutsk			N62 08 00	E129 50 06	PP42WD	7962	4947	
MF	353.0			Mafia			S07 54 07	E039 40 01	KI92UC	12934	8037	75
MF	372.0	1020		Mansfield/Manns	OH		N40 45 58	W082 26 42	EN80SS	426	265	
MF	373.0	1020		Medford/Pumie	OR		N42 27 03	W122 54 48	CN82NK	3496	2172	
MF	388.0	1020	CIV	McAllen/Missi	TX		N26 15 14	W098 18 37	EL06UG	2592	1611	
MF	401.0	400		Mfuwe			S13 16 14	E031 54 54	KH56WR	12733	7912	85
MF	421.0	400		Halmstad		S	N56 40 18	E012 49 06	JO66JQ	6211	3860	42
MF	478.0	1020	enr	Larionovo			N56 02 00	E039 38 00	KO96TA	7551	4692	32
MF	510.0		mil	Gromovo			N60 43 00	E030 07 00	KP50BR	6790	4219	32
MFB MFD	688.0 284.0	400	HIII	Brignoles Mansfield		F	N43 24 54 S37 02 50	E006 01 01 E146 08 23	JN33AJ QF32BW	6558 16131	4075 10024	58 266
MFI	391.0	400 1020	oiv.	Marshfield	WI		N44 38 27		EN44VP	860	534	
MFS	217.5	1020	CIV	Miraflores	VVI		N01 20 42		FJ41AI	4772	2965	
MFS	403.0	1020	civ	Marble Falls/Horseshoe Bay Resort	TX		N30 31 24		EM00TM	2230	1386	
MFV	388.0	1020		Melfa	VA			W075 45 30	FM27CP	760		155
MG	215.0		OIV	Melangguane	٧, ١	INS	N04 00 24	E126 40 37	PJ34IA	14094	8758	
MG	245.0		civ	Montgomery/Marra	AL			W086 30 38	EM62RH	1426	886	
MG	258.0		0	UNID	,	?				0		
MG	263.0			Magadi		IND	N12 57 05	E077 12 56	MK82OW	13282	8253	26
MG	296.0	1020	civ	Ljubljana/Brnik		SVN	N46 10 24	E014 33 21	JN76GE	6944	4315	51
MG	327.0			Cambridge Bay/Dew Line/West Arm	NU	CAN	N69 06 07	W105 07 00	DP79KC	3166	1968	341
MG	341.0			Totegegie		OCE	S23 05 25	W134 52 32	CG26NV	9321	5792	230
MG	353.0	1020	civ	Montgomery/Otims/Hamptonburg	NY	USA	N41 26 43	W074 17 28	FN21UK	503	313	121
MG	376.0			Marie Galante		GDL	N15 52 11	W061 16 15	FK95IU	3551	2206	145
MG	391.0			Mongu		ZMB	S15 13 05	E023 08 59	KH14NS	12173	7564	92
MG	394.0			Noumea/Magenta		NCL	S22 16 12	E166 28 23	RG37FR	13599	8450	269
MG	414.0			UNID		?						
MG	640.0			UNID		?						
MGB	377.0	1020	civ	Mönchengladbach		D		E006 30 19	JO31GF	6143	3817	50
MGD	365.0			Magdalena		BOL	S13 15 33	W064 04 26	FH76XR	6519	4050	
MGD	401.0			Maningrida			S12 03 46	E134 13 54	PH77CW	15237	9468	308
MGL	343.0			UNID		?						
MGL	371.0	1020		Ponta Delgada/João Paulo II/São Miguel				W025 35 02	HM77ER	4515	2806	80
MGN	395.0			BP/Magnus		IW	N61 37 11		JP01PO	5388	3348	39
MGO	363.5			BP Exploration/Mungo		IW		E001 59 47	JO07XI	5585	3471	44
MGR	405.0			Megara				E023 22 58	KM17QX	8082	5022	54
MGR	787.0	4000		Megri				E046 20 50	LM38EW	9342	5805	39
MGV	375.5	1020	mil	Camp McGovern Army Heliport		BIH	N44 51 12	E018 45 02	JN94JU	7294	4532	51
MGV	384.0			UNID		?	NO 4 00 1=	E000 15 00	N 10 455		0.100	_
MH	200.0	_		Meulaboh				E096 15 02	NJ84DB	14677	9120	6
МН	284.5	0		Manihi Atoll		OCE	S14 25 58	W146 03 44	BH65XN	9330	5798	244

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
МН	287.0			Neilingding		CHN	N22 25 00	E113 47 06	OL62VK	12539	7792	347
MH	293.5	0	mar	Mahón/Menorca		Е	N39 51 48	E004 18 18	JM29DU	6656	4136	62
МН	305.0			Mafikeng		AFS	S25 44 29	E025 34 30	KG24SG	13114	8149	100
MH	353.0	400	civ	Mehamn			N71 02 04	E027 49 47	KQ31VA	6035	3750	23
MH	380.0	400		Manihiki			S10 22 47	W161 00 09	AH99LO	10134	6297	257
MH	380.0			Voznesensk			N47 31 00	E031 16 00	KN57PM	7825	4863	42
MH	384.0			Mae Hong Son		IHA	N19 17 56	E097 58 31	NK89XH	13002	8079	3
MH	387.0		ois r	Hotaka Mikhaylovsk		J		E137 54 29 E059 08 00	PM86WG LO96NK	10359	6437	
MH MH	825.0 1045.0		CIV	Mikhaylovsky				E059 06 00 E079 42 00	MO91UU	8230 9208	5114 5722	22 13
MH	1689.0	1020		Mount Hagen			S05 50 16	E144 18 31	QI24DD	14021	8712	
MHA	364.0	1020	civ	Manitowish Waters	WI		N46 07 23		EN56BC	858	533	
MHI	275.0	1020	0.1	Masalembo Besar	•••	INS	S05 34 53	E114 26 04	OI74FK	15549	9662	
MHL	250.0			Machala			S03 16 07		FI06AR	5224	3246	181
МНМ	227.0		civ	Minchumina	AK	USA	N63 53 02	W152 19 00	BP33UV	4937	3067	
MHP	432.0	1020		Metter	GA	USA	N32 22 21	W082 05 02	EM82WI	1299	807	191
MHU	368.0			Mcarthur River Mine		AUS	S16 26 46	E136 04 41	PH83AN	15498	9630	301
MI	228.0			Omiya		J	N35 55 06	E139 36 51	PM95TW	10327	6417	329
MI	240.0			Mianwali		PAK	N32 33 59	E071 33 58	MM52SN	11043	6862	24
MI	248.0		civ	Miami/Keyes	FL		N25 47 26	W080 11 39	EL95VS	2010	1249	182
MI	273.0			UNID		?						
MI	320.0			Mali		INS	S08 08 10	E124 35 33	PI21HU	15411	9576	323
MI	346.0	400		Mikkeli		FIN	N61 42 47		KP31MR	6592	4096	32
MI	355.0		CIV	Maribor			N46 27 46	E015 42 11	JN76UL	6996	4347	51
MI MI	358.0 364.0		oiv	Mosgiel		NZL FJI	S45 52 17 S17 53 59	E170 19 13 E177 19 32	RE54DD RH82PC	14682 12418	9123 7716	242
MI	370.0		CIV	Momi UNID		?	317 33 39	E177 19 32	KHOZPU	12410	7710	200
MI	507.0			UNID		; ?						
MIA	259.0			Mandalay		-	N21 41 21	E095 58 59	NL71XQ	12728	7909	5
MIA	272.0			Mildura			S34 14 52	E142 04 26	QF15AS	16314	10137	
MIC	407.0		enr	Michaelsdorf		D	N54 18 00	E011 00 00	JO54MH	6241	3878	45
MIG	232.0	1020		Millington	TN	USA	N35 16 44	W089 55 59	EM55AG	1311	815	227
MII	316.0	1020	civ	Caddo Mills	TX	USA	N33 02 25	W096 14 55	EM13VA	1891	1175	236
MIL	315.0		civ	Millau/Larzac		F	N43 56 00	E003 14 42	JN13OW	6338	3938	59
MIL	1615.0		civ	Quincemil			S13 14 00	W070 44 00	FH46PS	6387	3969	170
MIN	290.0			Minneriya			N08 03 01	E080 59 07	NJ08LB	13926	8653	24
MIO	322.0		mil	Montijo			N38 42 35	W009 02 36	IM58LR	5745	3570	70
MIO	450.0			UNID		?	N40 00 00	MOOO 50 00	FICOMAG	0000	0444	450
MIQ MIQ	292.0	1020	onr	Maiquetia Mike for Ingeletedt				W066 59 08 E011 35 51	FK60MO JN58TN	3880 6609	2411 4107	158 50
MIS	426.5 218.0	1020	em	Mike for Ingolstadt Misima		D	S10 41 17	E152 50 05	QH69KH	13812	8582	290
MIS	391.0		pri	Masjed Soleiman		IRN	N31 55 46	E049 19 38	LM41PW	10134	6297	41
MIW	239.0	1020	ν.,	Marshalltown	IA			W092 55 01	EN32MC	1114	692	
MJ	209.0	1020		Manchester/Fitzy	NH		N42 51 51		FN42FU	652	405	97
MJ	238.0			Miyakejima		J		E139 33 41	PM94SB	10512	6532	
MJ	304.0			Moenjodaro		PAK	N27 19 51	E068 08 28	ML47BH	11457	7119	29
MJ	329.0			Mananjary		MDG	S21 12 04	E048 21 59	LG48ET	14623	9086	79
MJ	406.0		civ	Marseille/Provence		F	N43 26 21	E005 13 03	JN23OK	6502	4040	58
MJD	276.0	1020		Picayune	MS		N30 29 41	W089 39 11	EM50EL	1738	1080	
MJL	240.0	1020		Mejillones			S23 06 33	W070 26 35	FG46SV	7476	4645	
MJM	307.0			Manjimup			S34 15 29	E116 07 17	OF85BR	18300	11371	
MJQ	353.0	1020		Jackson	MN		N43 38 50	W094 59 10	EN23MP	1249	776	
MK	219.0	1020	CIV	Muskegon/Musko	MI			W086 10 07	EN63VC	549	341	263
MK	256.0			Mekele Muitkuine			N13 28 24		KK93SL	11162	6936	60
MK MK	275.0 276.0			Myitkyina Makahana				E097 21 22	NL85QJ	12326	7659	3
MK	276.0			Makabana		COG	S03 28 09	E012 37 58	JI66HM	10444	6490	91

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MK	297.5		mar	Mys Mikulkin		RUS	N67 48 30	E046 41 00	LP37IT	6828	4243	20
MK	303.5		mar	Mys Marekan/Okhotsk		RUS	N59 19 15	E143 28 45	QO19RH	7908	4914	338
MK	308.0			Mackay		AUS	S21 09 44	E149 11 11	QG48OU	14898	9257	284
MK	329.0			Matak		INS	N03 21 00	E106 15 31	OJ33DI	14740	9159	352
MK	335.0	1020		Marion/Suzze	VA	USA	N36 55 13	W081 14 36	EM96JW	789	490	192
MK	344.0	1020	civ	Kansas City/Kenzy	MO	USA	N39 13 15	W094 33 52	EM29RF	1360	845	253
MK	345.0		civ	Malka		RUS	N53 19 00		QO83SH	7945	4937	328
MK	364.0			Makurdi		NIG	N07 43 01		JJ47HR	9266	5757	86
MK	383.0			Makemo			S16 35 25	W143 39 05	BH83EJ	9338	5803	240
MK	394.0	1020	civ	Jackson/Mersy	TN		N35 30 57		EM55MM	1235	767	224
MK	401.0			Pongtiku		INS	S03 02 40	E119 49 07	OI96VW	15100	9383	332
MK	410.0	1020		Milwaukee/Cappy	WI		N42 50 23	W087 54 46	EN62BU	695	432	263
MK	418.0	0	civ	Calais/Dunkerque		F	N50 59 54		JO10AX	5879	3653	52
MK	605.0		enr	Khodzhatugay	CD			E068 12 00	MN42CA	9956	6187	23 279
MKA MKA	371.0 410.0			Miller/Hand	SD		N44 31 17 N25 21 03	W098 57 33 E097 16 46	EN04MM NL85PI	1557 12330	967 7661	
MKO	306.0	1020	civ	Myitkyina West Muskogee	OK		N35 35 41		EM25IO	1636	1016	3 241
MKO	401.0	1020		Mikonos	OIX		N37 26 09	E025 20 45	KM27QK	8251	5127	53
MKP	287.0	1020		McKeesport	PA		N40 21 03	W079 46 53	FN00CI	395	245	184
MKR	339.0	1020		·	MT		N48 12 28	W106 37 34	DN68QE	2145	1333	293
MKS	354.0	1020		Moncks Corner	SC		N33 11 28	W080 02 00	EM93XE	1189	739	183
MKT	317.0		joi	Cairo/Moqattam			N30 02 32		KM50PB	9221	5730	55
MKT	350.0		,-	Meiktila			N20 56 04		NL70WW	12811	7960	5
MKV	347.0	1020	civ	Marksville	LA	USA	N31 05 44	W092 04 21	EM31XC	1802	1120	222
ML	215.0	1020		Moline/Molli	IL	USA	N41 26 57	W090 37 07	EN41QK	954	593	257
ML	219.0	1020	civ	Monroe/Sabar	LA	USA	N32 27 13	W092 06 13	EM32WK	1682	1045	225
ML	252.0			Male				E073 31 52	MJ64SE	14037	8722	34
ML	258.5		civ	Molde/Årø		NOR	N62 43 30	E007 08 42	JP32NR	5634	3501	36
ML	263.0			Mouila Ville		GAB	S01 51 55	E011 03 28	JI58MD	10195	6335	91
ML	285.0		enr	Millerovo				E040 25 00	LN08FW	8176	5081	37
ML	309.0			Malindi			S03 13 52	E040 06 00	LI06BS	12594	7826	71
ML	310.0	400		UNID		?	NEO 40 07	E040.07.04	1050511	0.400	0700	40
ML	324.0	400	joi	Tirstrup			N56 19 07		JO56FH	6103	3792	43
ML ML	342.0 343.0	1020		Malang Minami Torishima		INS	S07 56 02	E112 42 43 E153 58 59	Ol62IB QL64XG	15849 10704	9848 6651	340 313
ML	344.0	1020	civ		ОК	J	N34 47 52		EM24CT	1730	1075	240
ML	357.0	1020	CIV	Mangalore	OIX	IND		E074 53 34	MK72KX	13195	8199	29
ML	392.0	400	civ	Charlevoix	QC		N47 37 24		FN47UO	822	511	57
ML	525.0	400		Ulan-Ude/Vostochny	QU			E107 49 00	0031VU	9371	5823	356
ML	642.0	500		UNID		?						
ML	740.0		enr	Chapaev		RUS	N56 15 00	E073 57 00	MO66XG	8630	5362	15
MLB	385.0			Montelibano		CLM	N08 00 44	W075 23 52	FJ28HA	3996	2483	173
MLE	371.0	1020	civ	Omaha/Millard	NE	USA	N41 11 42	W096 06 51	EN11WE	1398	869	263
MLE	385.5	400	iw	BP/Miller		IW	N58 43 18	E001 24 01	JO08QR	5499	3417	43
MLK	272.0	1020	civ	Malta	MT	USA	N48 21 06	W107 53 38	DN68BI	2239	1391	293
MLK	373.0			Malakal				E031 39 00	KJ59TM	10923	6787	68
MLL	292.0	1020		Melilla			N35 18 28		IM85MH	6404	3979	70
MLO	378.0		civ	Milos			N36 41 50	E024 28 20	KM26FQ	8251	5127	54
MLT	342.0	40		UNID		?	NOE 15 = 1	<b>F</b> 04404:=			, <b>-</b>	
MLT	395.0	1020		Malta				E014 31 45	JM75GT	7645	4750	60
MLV	350.0			Bardufoss/Målselv			N68 59 47		JP98NX	5854	3637	27
MLX	371.0			Morlaix/Ploujean		F	N48 38 48		IN88CP	5615	3489	56
MLZ	1645.0 264.0	400^		São Sebastiao/Plataforma Merluza		В	S25 16 01	W045 15 10 E047 11 42	GG74IR LM34OH	8416	5229 6091	148 42
MM MM	264.0 317.0	Λ	joi civ	Kermanshah/Shahid Ashrafi Esfahani Montceau-les-Mines/Pouilloux		IRN F		E047 11 42 E004 19 53	JN26DO	9802 6259	3889	42 55
MM	324.0	U		Baghdad/(ex Saddam International)		r IRQ		E004 19 53 E044 15 00	LM23DF	9740	6052	55 44
IALIAL	324.0		JUI	Dagnaar(ex Dadam international)		1110	1400 14 00	LUTT 15 00	LIVIZJUI	3140	0002	

Call         kHz         Hz         T         Station         S/P         ITU         Lat         Long         Loc         km           MM         330.0         Mawlamyine         BRM         N16 26 29         E097 39 29         NK86TK         13317           MM         348.0         joi         Tabriz         IRN         N38 05 30         E046 18 18         LM38DC         9416           MM         300.0         isi         Tabrar (Maharahad         IRN         N35 40 40         F061 30 40         LM5500         9001	<b>mi</b> 8275 5851	3
<b>MM</b> 348.0 joi Tabriz IRN N38 05 30 E046 18 18 LM38DC 9416		
·		40
<b>MM</b> 380.0 joi Tehran/Mehrabad IRN N35 40 48 E051 20 48 LM55QQ 9891	6146	38
<b>MM</b> 383.0 1020 civ McMinnville/Minne OR USA N45 14 46 W123 01 47 CN85LF 3422	2126	288
<b>MM</b> 388.0 400 Fort McMurray AB CAN N56 39 14 W111 20 10 DO46HP 2643	1642	314
MM         388.0         civ         Parsabade/Moghan         IRN         N39 36 48         E047 51 18         LM39WO         9357	5814	38
<b>MM</b> 392.0 1020 civ Morristown/Moree NJ USA N40 52 48 W074 20 04 FN20TV 539	335	127
MM 484.0 UNID ?		
MMI         242.0         1020 civ Athens/Mcminn Co         TN USA N35 23 41 W084 33 42 EM75RJ         1040	646	
MMK 238.0 1020 civ Meriden CT USA N41 30 38 W072 49 42 FN31OM 604	375	114
MMS 391.0 1020 civ Marks MS USA N34 13 59 W090 17 23 EM44UF 1422	884	225
MMT 427.0 1020 mil Mc Entire/Eastover (AF) SC USA N33 56 09 W080 47 56 EM93OW 1112	691	186
MMY         267.0         Maromamy         MDG S18 48 21         E049 01 54         LH41ME         14500           MMY         272.0         1020         Many         LA USA N31 34 17         W093 32 30         EM31FN         1842	9010	76 227
MMY       272.0       1020       Many       LA       USA       N31 34 17       W093 32 30       EM31FN       1842         MN       275.0       Maimana       AFG       N35 55 00       E064 47 00       MM25JW       10458	1145 6498	22 <i>1</i> 28
MN 285.0 Mbandaka ZAI S00 02 50 E018 16 59 JI99DW 10635	6609	26 85
MN 291.5 mar Maslen Nos BUL N42 18 30 E027 50 30 KN32WH 8033	4991	48
MN 294.5 mar Zaliv Mordvinova RUS N46 49 30 E143 13 00 QN16OT 9118	5665	332
MN 301.0 mar Mostaganem/North Jetty ALG N35 56 06 E000 04 12 JM05AW 6592	4096	68
MN 315.0 civ Moundou TCD N08 37 04 E016 04 21 JJ88AO 9792	6085	80
MN 344.0 1020 civ Minorca E N39 50 11 E004 12 48 JM29CU 6651	4133	62
<b>MN</b> 348.0 Muna INS S04 45 55 E122 33 48 PI15GF 15166	9424	327
<b>MN</b> 350.0 Maun BOT S19 58 42 E023 25 45 KH10RA 12541	7793	96
<b>MN</b> 366.0 Man CTI N07 16 00 W007 34 59 IJ67FG 8002	4972	97
<b>MN</b> 392.0 Mbuji Mayi ZAI S06 06 20 E023 33 53 KI13SV 11523	7160	85
<b>MN</b> 705.0 1020 enr Manychsky RUS N47 03 00 E040 22 00 LN07EB 8333	5178	38
<b>MN</b> 796.0 Malaya Dobron UKR N48 27 00 E022 21 00 KN18EK 7259	4511	46
MN 940.0 400* civ Mendeleyevo RUS N58 10 00 E054 58 42 LO78LE 7936	4931	24
MN 975.0 civ Bishkek/Manas KGZ N43 03 06 E074 24 18 MN73EB 10030	6232	19
MNC 348.0 1020 Shelton/Mason Co WA USA N47 14 53 W123 05 11 CN87KF 3381	2101	
MND 332.0 civ Mendenhall AK USA N58 21 32 W134 38 01 CO28QI 4045	2513	
MNE         201.0         1020         Minden         LA         USA         N32 38 27         W093 18 08         EM32IP         1736           MNE         332.0         Mount Keith         AUS         S27 17 13         E120 32 55         PG02GR         17443	1079 10838	
MNE 369.0 1020 civ München D N48 21 19 E011 40 34 JN58UI 6627	4118	51
MNF 365.0 1020 Mountain View MO USA N36 59 38 W091 42 46 EM46DX 1289	801	
MNF 428.0 1020 mil Morón de la Frontera E N37 17 41 W005 33 44 IM77FH 6088	3783	70
	10067	
MNI 322.0 Mani CLM N04 44 09 W072 19 37 FJ34UR 4395	2731	169
MNI 381.0 1020 civ Manning SC USA N33 35 18 W080 12 22 EM93VO 1146	712	184
MNL         524.0         1020 civ Valdez/Mineral Creek         AK USA N61 07 27 W146 21 08 BP61TC         4678	2907	318
MNN         201.0         1020         Marion         OH         USA         N40 37 02         W083 04 12         EN80LO         471	292	221
MNR         288.0         enr Monor for Ferihegy         HNG N47 20 16 E019 23 59 JN97QI         7163	4451	48
MNT 205.0 Manta EQA S00 57 17 W080 41 16 E199PB 4969	3088	
MNT 239.0 Manantali MLI N13 15 03 W010 31 02 IK43RG 7315	4545	95
MNT         239.0         Manantali Bengassi         SEN N13 15 00 E010 31 00 JK53GG         8999	5592	80
MNV 361.0 1020 Madisonville TN USA N35 32 42 W084 22 59 EM75TN 1018	633	
MNW         338.0         1020 civ München         D N48 22 27 E011 54 51 JN58WI         6640           MNZ         251.0         1020 civ Hamilton         TX USA N31 37 13 W098 08 51 EM01WO         2129	4126	50
	1323 7815	
MO         220.0         Momeik         BRM N23 05 33         E096 38 59         NL83HC         12577           MO         224.0         400 civ         Moosonee         ON CAN N51 16 56         W080 37 40         EO91QG         826		4 354
MO 245.0 Melo URG S32 20 24 W054 13 26 GF27VP 8823	5482	
MO 248.0 1020 civ Mobile/Wisle AL USA N30 45 38 W088 18 10 EM50US 1653	1027	
MO 249.0 Muko Muko INS S02 33 01 E101 06 08 OI07NK 15423	9584	
MO 267.0 Mombasa KEN S04 02 04 E039 36 49 KI95TX 12622	7843	72
MO 308.0 mar Ponta Moreia/Ilha de Santiago CPV N15 20 06 W023 45 12 HK85CI 6109	3796	
<b>MO</b> 318.0 civ Astana/Akmola KAZ N50 59 03 E071 24 28 MO50QX 9123	5669	18

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MO	318.5			Moskalvo			N53 36 20	E142 30 10	Q013G0	8487	5274	
МО	325.0			El Tepual/Trapen			S41 31 30	W073 05 49	FE38KL	9482		
MO	346.0			Manapouri		NZL	S45 29 49	E167 43 06	RE34UM	14851	9228	243
MO	358.0			Namibe		AGL	S15 11 00	E012 11 00	JH64CT	11295	7019	100
MO	367.0	1020	civ	Modesto/Wowar	CA	USA	N37 34 23	W120 51 18	CM97NN	3529	2193	273
MO	372.0			Monrovia Roberts		LBR	N06 14 34	W010 21 12	IJ46TF	7861	4885	100
MO	377.5	0		Moorea		OCE	S17 28 42	W149 46 28	BH52CM	9847	6119	244
MO	395.0			Mopti/Ambodedjo		MLI	N14 30 40	W004 05 16	IK74WM	7738	4808	89
MO	400.0	0	civ	Macon		F	N46 17 36	E004 47 42	JN26JH	6307	3919	56
MO	1120.0		enr	Morozovsk		RUS	N48 21 00	E041 48 00	LN08VI	8292	5152	36
МО	1359.0			Khanlar			N40 37 00	E046 20 00	LN30EO	9191	5711	38
MOE	212.0	1020		Momote			S02 03 41	E147 25 35	QI37RW	13479	8375	
MOG	395.0			Mount Magnet			S28 03 51		OG81WW	17674	10982	
MOG	404.0	1020	civ	Montague	CA		N41 43 38	W122 28 55	CN81SR	3487	2167	
MOI	300.0	4000		Morichal			N08 49 17		FJ88KT	4198	2609	153
MOJ	308.0	1020		Mojkovac			N42 56 41		JN92SW	7478	4647	52
MOK	304.0			Bordj Mokhtar	<b>Ω</b> Λ		N21 22 20	E000 55 11	JL01LI	7640	4747	80
MOQ MOR	263.0 392.0		mil	Fort Stewart/McIntosh (Army) Moree	GA		N31 49 50 S29 29 50	W081 30 35 E149 51 06	EM91FT QG40WM	1351 15412	840 9576	188 274
MOR	1642.0			Moro			S06 21 46	E149 51 00	QG40WW	14138	8785	
MOS	334.0	1020		Mostaganem			N35 54 33		JM05BV	6599	4100	68
MOU	324.0	0	pri	Moulins		F	N46 42 21		JN16TQ	6207	3857	56
MOW	407.0	U	рп	UNID		?	1140 42 21	2000 07 01	0141010	0201	3037	50
MOZ	285.0			Porto de Moz		В	S01 45 01	W052 14 02	GI38VF	5737	3565	144
MP	200.0			Trunojoyo		INS	S07 01 27		Ol62WX	15718	9767	
MP	267.0			Mokpo		KOR	N34 45 27		PM34ES	10911	6780	
MP	297.0			Mariepskop		AFS	S24 32 29	E030 52 10	KG55KL	13455	8360	95
MP	298.0			Durazno		URG	S33 20 35	W056 29 28	GF16SP	8865	5509	161
MP	315.0			Malampaya/Shell Oil Platform		PHL	N11 51 41	E119 18 49	OK91PU	13546	8417	338
MP	315.0		civ	Bazat		RUS	N55 57 00	E092 43 00	NO65IW	8915	5539	4
MP	324.0		iw	Total/Elf Frigg/Fergus MCP01		IW	N58 49 39	W000 17 11	IO98UT	5403	3357	43
MP	373.0	0	civ	Cherbourg/Maupertus		F	N49 38 18		IN99HP	5726	3558	54
MP	380.0			Mount Pleasant			S51 49 27	W058 28 17	GD08SE	10796	6709	167
MP	385.0			Maripasoula			N03 39 26	W054 02 10	GJ23XP	5111	3176	
MP	641.0	4000	CIV	Mravyan			N40 32 00		LN20FM	9103	5657	40
MPA	200.0	1020		Minnipa	ın		S32 50 36	E135 08 53	PF77ND	16787	10431	281
MPA MPE	238.0 219.0	1020 1020	civ	Nampa/Meridian Philadelphia	ID MS		N43 36 12 N32 47 55	W116 32 21 W089 07 29	DN13RO EM52KT	2962 1491	1840 927	283 218
MPG	219.0	1020	CIV	Progreso	IVIO		N21 16 24		EL51DG	2682	1667	
MPJ	410.0	1020		Morrilton	AR			W092 55 31	EM35MC	1510		
MPR	227.0	1020		McPherson	KS			W097 41 14	EM18DI	1646	1023	
MPZ	212.0	1020		Mount Pleasant	IA			W091 30 34	EN40FW	1044	649	
MQ	209.0	1020		Miyako		J		E141 56 45	QM09XU	9845	6117	
MQ	389.0	1020		UNID		?						
MQ	402.0	400		Miquelon		SPM	N47 05 51	W056 23 09	GN17TC	1831	1138	71
MQD	391.0	1020		Manhattan/Mc Dowell Creek	KS	USA	N39 07 03	W096 37 46	EM19QC	1525	948	256
MQD	404.0			Mount Mcquoid		AUS	S33 06 44	E151 08 21	QF56NV	15523	9646	268
MQI	370.0	1020		Manteo	NC	USA	N35 54 55	W075 41 42	FM25DV	942	586	159
MQW	280.0	1020	civ	McRae	GA	USA	N32 05 41	W082 53 02	EM82NC	1344	835	194
MR	215.0			Morija				E027 29 35	KG30RJ	13522		102
MR	264.0			Marsabit				E037 59 03	KJ82XI	11980	7444	68
MR	303.5		mar	Mys Hinode/Ostrov Monneron				E141 15 30	QN06PG	9246	5745	
MR	305.0			Volochaevka				E134 35 00	PN78HN	9237	5740	
MR	312.0			Kueijen				E120 17 23	PL02DX	12332	7663	
MR	332.0			Ulyanovsk/Vostochny				E048 10 12	LO44CF	8055	5005	29
MR	334.0	1020	CIV	Maribor		SVN	N46 22 18	E015 47 36	JN76VI	7008	4355	51

Call	IrL!-	U-	т	Station	e/p	1711	1 1 04	Long	Las	lens	m: I	0
Call MR	343.0	Hz	T	Station Masirah	S/P	OMA	N20 40 39	<b>Long</b> E058 53 05	LL90KQ	11695	<b>mi</b> 7267	40
MR	343.0		mil	Masirah Mananara North				E058 53 05 E049 46 00	LH43VT	14358	8922	73
MR	380.0			Kaburau				E117 24 00	OJ82QM	14596	9069	338
MR	380.0		civ	Merowe				E031 49 20	KK58VJ	10210	6344	62
MR	385.0	1020			CA			W121 56 19	CM96AO	3661	2275	272
MR	388.0			Mare			S21 28 54		RG48AM	13419	8338	269
MR	389.0	400	civ	Skien/Geiteryggen/Myra				E009 34 26	JO49SG	5908	3671	40
MR	405.0			UNID		?						
MR	422.0			Dimapur		IND	N25 53 02	E093 46 04	NL65VV	12247	7610	7
MR	518.0			UNID		?						
MR	606.5		iw	Phillips Ekofisk/Emden GNSC-H-11		IW	N54 30 35	E006 02 07	JO34AM	5946	3695	46
MR	700.0	1020	civ	Moscow/Sheremetyevo		RUS	N55 57 36	E037 19 30	KO85PX	7458	4634	33
MR	770.0		civ	•				E037 28 24	KN87RC	8183	5084	39
MRA	415.0	750		Marilia		В	S22 11 41		GG57AT	7914	4918	151
MRB	218.0	1020		Moranbah				E148 04 31	QG47AW	15050	9352	284
MRB	271.0	4000	civ					E045 19 42	LK25PL	11380	7071	54
MRB MBB	370.0	1020		Marabá		В	SUS 22 1/	W049 08 05	GI54KP	6247	3882	143
MRB MRD	405.0 403.0			UNID Mardin		? TUD	N37 12 40	E040 38 19	LM07HF	9188	5709	44
MRH	269.0	1020		Beaufort/Morehead	NC			W076 39 44	FM14QR	1046	650	166
MRJ	365.0	1020	civ	Mineral Point	WI			W090 13 35	EN42VV	879	546	266
MRK	338.0	1020		Rayville/Molly Ridge	LA		N32 24 25		EM42CJ	1667	1036	224
MRN	320.0			Maringá		В	S23 28 33		GG36XM	7969	4951	154
MRN	340.0		iw	Phillips Petroleum/Maureen		IW		E001 41 57	JO08UD	5538	3441	43
MRT	303.0	1020	civ	Marysville	ОН	USA	N40 13 36	W083 20 59	EN80HF	519	323	220
MRT	355.0		mil	Marateca		POR	N38 39 48	W008 37 12	IM58QP	5779	3591	70
MRV	404.0	0	civ	Merville/Calonne		F	N50 40 18	E002 42 24	JO10IQ	5936	3689	52
MRW	405.0			UNID		?						
MRW	407.0	1020		Morawa				E116 01 25	OG80AS	17881	11111	315
MRY	215.0	400		Moruya			S35 53 54	E150 08 34	QF54BC	15754	9789	265
MRZ	375.0			UNID		?	NO.4 40 55	E404 44 00	DI O II ID	10105	7500	0.40
MS	225.0		<b>-</b> !	llan Massaura				E121 44 29	PL04UR	12105	7522	340
MS MS	230.0 255.0		CIV	Massawa Mbandaka		ERI ZAI		E039 18 57 E018 16 59	KK95PP JJ90DA	10962 10631	6811 6606	59 85
MS	262.5			Matsapha			S26 30 38	E031 20 05	KG53QL	13624	8466	97
MS	264.0			Matadi		ZAI		E013 26 58	JI64RE	10689	6642	92
MS	266.0	1020	civ	Minneapolis/Narco	MN			W093 05 29	EN34KT	1091	678	280
MS	275.0			Monastir/Habib Bourguiba Intl/Msaken				E010 37 24	JM55HR	7376	4583	63
MS	278.0		civ	Massena/Misse	NY	USA	N44 51 15	W074 54 57	FN24NU	377	234	72
MS	293.5			Mazar-I-Sharif		AFG	N36 43 37	E067 15 39	MM36PR	10467	6504	26
MS	312.0			Monghsat		BRM	N20 32 04	E099 15 46	NL90PM	12869	7997	1
MS	316.0			Mae Sot				E098 32 23	NK96GQ	13291	8259	2
MS	317.0			Masvingo				E030 50 38	KG59KX	13138	8163	91
MS	324.0	400		Mosjøen				E013 15 56	JP65PT	5776	3589	31
MS	338.0	1020		New Orleans/Kinte	LA		N30 01 31		EM40TA	1818	1130	
MS MS	343.0		CIV	Marseille/Provence Plaisance		F	S20 26 25	E005 17 01 E057 41 27	JN23PJ	6509	4045 9501	58 70
MS	343.0 359.0	1020	civ		NY			W074 51 39	LG89UN FN21NS	15290 444	276	121
MS	388.0	1020 1020		Monticello/Monga/Liberty McInnes Island	BC		N52 15 41		CO52PG	3710	2305	302
MS	400.0	1020		Vladivostok/Knevichi	50			E132 18 30	PN63DL	9828	6107	
MS	400.0	1020			WI			W089 20 45	EN53HB	805	500	
MS	720.0			Taganrog-South				E038 53 00	KN97KE	8248	5125	39
MSA	381.0	1020			TX			W094 58 27	EM23MD	1800	1119	
MSB	410.0	1020		Iola/Monarch	KS		N37 47 29	W095 24 54	EM27HS	1503		249
MSD	385.0		joi	Mashhad		IRN	N36 13 45	E059 38 15	LM96TF	10220	6350	32
MSD	414.0	1020		Mansfield	LA	USA	N32 03 52	W093 45 52	EM32CB	1813	1126	228

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MSE	385.0		civ	München		D	N48 20 00	E011 39 10	JN58TH	6627	4118	51
MSK	347.0	400	civ	Oslo/Gardermoen/Morskogen		NOR	N60 27 21	E011 16 07	JP50PK	5936	3688	38
MSO	326.0			Mount Sandon		AUS	S31 23 11	E151 24 45	QF58QO	15401	9570	270
MSS	275.0			Mossoró		В	S05 11 37	W037 21 52	HI14HT	6879	4274	131
MST	305.0	1020		Münster/Osnabrück/Greven		D	N52 06 37	E007 34 18	JO32SC	6161	3828	48
MSW	400.0	1020	civ	München		D	N48 21 09	E011 54 14	JN58WI	6641	4127	50
MT	209.0	400	civ	Chibougamau	QC	CAN	N49 47 59	W074 29 44	FN29ST	757	471	28
MT	210.0			Matsu		TWN	N26 12 04	E119 58 07	OL96XE	11995	7453	
MT	218.0			Margarita/Giles				W064 02 50	FK70XV	3947	2452	
MT	260.0			Matetsi			S18 30 32	E025 55 26	KH21XL	12635	7851	93
MT	296.0			Matei		FJI	S16 41 18	W179 52 48	AH03BH	12106	7522	
MT	302.0		mar	Kapp Martin/Bellsund				E013 56 48	JQ67XR	5358	3330	17
MT	336.0			Mtwara				E040 11 04	LH09CQ	13164	8180	76
MT	347.0	1020	civ	Matoon/Charleston/Zebre	IL.		N39 26 33	W088 10 25	EM59VK	878	545	
MT	362.0	1020		Manitowoc	WI		N44 11 59	W087 42 08	EN64DE	661	411	
MT	385.0	700		Meyerton			S26 33 26	E028 01 57	KG43AK	13364	8304	99
MT	385.0	700		Belchatow			N51 53 00	E019 15 00	JO91PV	6851	4257	44
MT MT	387.0	0	oi.	Multan		PAK F	N30 11 49	E071 25 26 W002 02 40	MM50RE	11284	7011	25 57
MT MT	398.0 418.5	0	civ	StNazaire/Montoir Kerr McGee North Sea/Murchison		IW		E001 44 20	IN87XI JP01UJ	5794 5418	3600 3367	57 39
MT	478.0		IW	UNID		?	NO 1 23 47	E001 44 20	JPUIUJ	3416	3367	39
MT	555.0			UNID		?						
MT	849.0		civ	Mamontovo		•	N60 45 00	E072 45 00	MP60JS	8135	5055	14
MTA	206.0		CIV	Margarita			N10 55 14		FK80AW	3948	2453	
MTC	205.0			Monte Cristi				W071 38 48	FK49EU	2762	1716	
MTG	266.0			Mount Gambier			S37 45 09	E140 46 44	QF02JF	16594	10311	
MTH	260.0	1020	civ		FL			W081 05 43	EL94KR	2133	1326	
MTI	380.0			Matadi			S05 50 08	E013 27 58	JI64RD	10692	6643	92
МТІ	416.0			Mornington Island			S16 39 33	E139 10 13	PH93OI	15300	9507	298
MTL	304.0			UNID		?						
MTL	331.0			Montalvo		EQA	S02 04 12	W076 58 08	FI17MW	5097	3167	177
MTL	336.0		mil	Monte Real		POR	N39 54 28	W008 53 01	IM59NV	5691	3536	68
MTL	362.0		civ	Montelimar/Ancône		F	N44 34 39	E004 44 01	JN24IN	6402	3978	57
MTN	342.0	1020		Baltimore/Martin	MD	USA	N39 17 59	W076 22 48	FM19TH	571	355	152
MTN	347.0	400	joi	Manston		G	N51 20 30	E001 20 48	JO01QI	5818	3615	51
MTN	399.0	1020	joi	Salamanca		Ε	N40 59 20	W005 19 48	IN70IX	5895	3663	66
MTP	353.0			Mount Hope		AUS	S34 07 32	E135 20 29	PF75QU	16846	10467	278
MTQ	359.0	1020	civ	Greenville/Metcalf	MS		N33 25 31		EM43MK	1532	952	
MTU	319.0			Myrtou			N35 18 00	E033 04 00	KM65MH	8906	5534	50
MTU	412.5	_		Mitu				W070 13 48	FJ41VG	4811	2989	
MTZ	354.0	0	civ	Metz/Nancy Lorraine		F	N49 16 36	E006 12 36	JN39CG	6231	3872	52
MU	235.0			Tampa Padang		INS	S02 35 12	E119 01 47	OI97MJ	15081	9371	
MU	294.5			Ostrov Mud'yugskiy			N64 55 00	E040 13 42	LP04CW	6863	4264	25
MU	303.5		mai	Khiserofu/Malokurilskiy			N43 52 24 S01 29 58		QN33JU	9256	5752	
MU MU	312.0			Musoma			S29 18 09	E033 48 02 E027 30 20	KI68VM KG30SQ	11973 13504	7440 8391	74 102
MU	317.0 367.0	1020	civ	Mejametalana Magdeburg		D		E027 30 20 E011 38 54	JO52TB	6404	3979	47
MU	405.0	1020	CIV	Mutare				E032 39 34	KH61HB	13207	8207	89
MU	570.0		enr	Muren			N49 39 11	E100 10 28	ON09CP	9640	5990	09
MU	1275.0			Poykovskiy			N61 00 00		MP61TA	8125	5048	13
MUK	335.0	400	iw	Conoco/Murdoch		IW		E002 19 20	JO14DG	5739	3566	48
MUN	230.0			Maturin				W063 09 24	FJ89KS	4099	2547	
MUR	312.0	400		Muri for Bern/Belp		SUI	N46 56 46	E007 28 01	JN36RW	6444	4004	54
MUS	319.0		mil	Mus			N38 44 53	E041 39 40	LM08TR	9113	5663	42
MUT	350.0	0		Muret/Lherm		F	N43 28 48	E001 11 00	JN03OL	6221	3866	60
MV	247.0	•		Gomel				E031 04 54	KO52MM	7433	4619	38
	_					-			-			-

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
MV	292.0			Chennai	<u> </u>	IND		E080 10 04	NK03CA	13373	8310	23
MV	306.5		mar	Morzhovskiy				E042 28 30	LP16FR	6792	4221	23
MV	315.0			Yaroslavl/Tunoshna			N57 35 00	E040 14 18	LO07CN	7450	4629	30
MV	331.0			Toamasina		MDG	S18 05 29	E049 23 26	LH41QV	14475	8994	75
MV	396.0	400		Mesters Vig		GRL	N72 14 00	W023 55 00	HQ82AF	4270	2653	24
MV	434.0	0	mil	Melun/Villaroche		F	N48 33 14	E002 58 41	JN18LN	6063	3768	54
MVC	327.0	0	civ	Merville/Calonne		F	N50 34 18	E002 35 18	JO10HN	5934	3687	52
MVI	311.0	1020	civ	Monte Vista	CO	USA	N37 31 41	W106 02 42	DM67XM	2344	1456	262
MVM	251.0	1020	civ	Machias	ME	USA	N44 42 16	W067 28 42	FN64GQ	959	596	81
MVQ	215.0	1020	civ	Malvern	AR	USA	N34 20 00	W092 45 45	EM34OH	1562	971	232
MW	223.0	1020	civ	Middleton/Hook Field/Onida	ОН	USA	N39 34 42	W084 19 25	EM79UN	627	390	222
MW	242.0			Muara Tewe		INS	S00 56 34	E114 53 41	OI79KB	15040	9345	340
MW	297.5		mar	Mys Vasilyeva/Ostrov Paramushir		RUS	N50 00 12	E156 11 54	QO80CA	8290	5151	327
MW	305.0			Magway		BRM	N20 09 58	E094 56 18	NL70LD	12888	8008	6
MW	309.0	1020	civ	Berlin/Schönefeld		D	N52 20 40	E013 23 18	JO62QI	6490	4033	46
MW	370.0	1020		Mexico City		MEX	N19 23 35	W099 08 57	EK09KJ	3278	2037	220
MW	382.0	1020	civ	Marion/Jonny	IL	USA	N37 50 21	W088 58 14	EM57MU	1045	650	233
MW	408.0	1020	civ	Moses Lake/Pelly	WA	USA	N47 06 56	W119 16 30	DN07IC	3098	1925	291
MW	449.0	1020	civ	Tver/Migalovo			N56 48 48	E035 40 42	KO76UT	7319	4548	33
MW	485.0		civ	Kotlas/Satvatiya		RUS	N60 57 36	E046 55 54	LP30LX	7417	4609	25
MW	583.0		civ	Mineralnye Vody				E043 09 06	LN14NE	8716	5416	38
MW	592.0			Milkovo			N54 42 24	E158 36 36	QO94HQ	7782	4835	329
MW	643.0			UNID		?						
MWL	266.0	1020		Mineral Wells	TX		N32 47 06	W098 03 26	EM02XS	2033	1263	239
MWM	203.0	1020		Windom	MN	USA		W095 06 33	EN23KV	1256	780	276
MWT	445.0		iw	Burlington/HRL/Millom West	MD	IW	N54 01 36	W003 51 36	IO84BA	5376	3341	50
MX	232.0	1000	mil	Camp Springs/Zoote/Andrews AFB	MD		N38 55 12		FM18NW	593	369	158 253
MX MX	248.0 445.0	1020		Chicago/Kedzi	IL		N41 44 29 N54 48 00	W087 41 23 E105 09 00	EN61DR OO24NT	714 9058	444 5629	357
MXA	282.0	1020	CIII	Zhigalovo Manila	AR		N35 53 28	W090 09 25	EM45WV	1274	791	229
MXN	205.0	1020		Maxaranguapê	Aix	В	S05 23 10	W035 31 52	HI24FO	7009	4355	129
MXO	397.0	1020		Monticello	IA		N42 12 02		EN42KE	969	602	263
MXR	284.0	1020	civ	Raton/Maxwell	NM		N36 42 02		DM76RQ	2266	1408	258
MY	210.0	1020	civ	San Diego/Deoro	CA		N32 46 48	W117 02 42	DM12LS	3474	2159	262
MY	222.0	1020		Marysville/Halow	CA	USA	N39 10 10		CM99EE	3518	2186	276
MY	240.0			Miyako Jima		J		E125 17 40	PL24PS	11993	7452	337
MY	284.0		civ	Maradi		NGR	N13 30 04	E007 06 33	JK33NM	8710	5412	82
MY	288.0			Moyale		KEN	N03 31 49	E039 03 03	KJ93MM	11963	7433	67
MY	289.5	0	mar	Cabo Mayor		Ε	N43 29 30	W003 47 24	IN83CL	5871	3648	62
MY	337.0	400	mar	Myggenaes		FRO	N62 06 25	W007 35 16	IP62EC	4922	3058	40
MYa	291.5		mar	Mys Mayachnyy		RUS	N52 52 54	E158 41 50	QO92IV	7932	4929	327
MYB	248.0	1020		Maryborough		AUS		E152 42 36	QG64IL	14925	9274	276
MYN	371.0	1020	civ	Münster/Osnabrück		D		E007 48 00	JO32VD	6172	3835	48
MYu	350.0			Kretsenichy				E031 24 00	KO58QO	6995	4347	33
MYY	209.0			Miri				E113 58 24	OJ64XH	14501	9010	342
MYZ	341.0	1020		Marysville	KS			W096 38 00	EM19QU	1492	927	258
MZ	355.0		CÍV	Samarkand				E066 55 12	MM39LQ	10152	6308	25
MZ	378.0			Priluki				E032 19 00	KO60DN	7644	4750	39
MZ	403.0			Mwanza				E032 55 26	KI67LN	11980	7444	76
MZ	555.0 1650.0	400	enr	Mezen			NO5 52 00	E044 12 00	LP25CU	6915	4297	23
MZ	1659.0	400	ci.	Halul Island	NAN1	QAT	N/46 04 50	W002 40 40	ENISCOL	1005	674	200
MZH MZL	362.0	1020 1020		Moose Lake	MN			W092 48 16 E026 26 08	EN36OJ	1085 7746	674 4813	
MZU	408.0 505.0	1020	CIII	Mulu				E026 26 08 E114 47 41	KN35FA OJ74JA	14509	9015	47 341
N N	188.0			Baku/Nasosnaya				E049 33 00	LN40SO	9350	5810	36
N	193.0		civ	Termez				E049 33 00 E067 20 10	MM37QH	10412	6470	26
14	190.0		OIV	TOTHIOL		020	1407 17 00	L001 20 10	WIND / COLL	10412	0-110	20

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
N	215.0			Anapa/Vityazevo			N44 59 00	E037 20 00	KN84QX	8352	5190	41
N	250.0			Narimanovka/Kostanay		KAZ	N53 11 00	E063 33 00	MO13SE	8684	5396	22
N	258.0		civ	Ostrava/Mošnov/Nada		CZE	N49 42 49	E018 08 18	JN99BR	6930	4306	47
N	262.0			Resistencia		ARG	S27 25 27	W059 02 42	GG02LN	8167	5075	161
N	282.0			Catamarca		ARG	S28 37 18	W065 45 54	FG71CJ	8150	5064	167
N	285.0		civ	Simferopol		UKR	N45 01 41	E033 58 01	KN65XA	8168	5076	43
N	295.0			UNID		?						
N	307.0			Presidente Peron		ARG	S38 57 00	W068 11 14	FF51VB	9245	5744	171
N	319.0			UNID		?						
N	320.0		civ	Samara/Bezymyanka		RUS	N53 15 54	E050 22 48	LO53EG	8226	5112	29
N	331.0			UNID		?						
N	345.0			Junin				W060 56 06	FF95ML	8885	5521	165
N	350.0		civ	Nalchik			N43 31 00	E043 39 00	LN13TM	8800	5468	38
N	358.5			UNID		?	0040507	14/050 00 40	OFOSTI	0050	5504	400
N	375.0			Aeroparque			S34 35 07	W058 22 10	GF05TJ	8950	5561	163
N	405.5		n ri	UNID		?	NGO OG 10	E015 06 04	IDZONIC	6140	2017	27
N	415.0		•	Ludvika		S		E015 06 24	JP70NC	6142	3817	37
N N	435.0 440.0			Tbilisi/Lochini Kecskemét/Titan		GEO		E044 58 28 E019 43 32	LN21LP JN96UW	9031 7210	5612 4480	39 48
N	444.0		111111	UNID		?	1140 33 44	L019 43 32	31490044	7210	4400	40
N	485.0		civ	Urgench			N41 33 30	E060 40 00	MN01IN	9738	6051	29
N	509.0		CIV	Chernivtsi			N48 16 36	E025 58 06	KN28XG	7477	4646	44
N	518.0			UNID		?	1110 10 00	2020 00 00	11120/10		1010	• •
N	526.0			UNID		?						
N	583.0		civ	Mineralnye Vody		RUS	N44 14 00	E043 04 00	LN14MF	8709	5411	38
N	588.0			Yuzhny/Tashkent		UZB	N41 15 10	E069 14 53	MN410G	10070	6257	23
N	615.0		civ	Nyagan		RUS	N62 08 00	E065 37 30	MP22TD	7843	4873	17
N	620.0	1020	civ	Pskov		RUS	N57 48 00	E028 24 30	KO47ET	6919	4299	35
N	650.0		civ	Salekhard		RUS	N66 34 30	E066 34 00	MP36GN	7418	4609	14
N	657.0		civ	Minsk 1		BLR	N53 51 54	E027 32 30	KO33SU	7156	4447	39
N	659.0		civ	Rostov-na-Donu/Rostov East		RUS	N47 14 30	E039 48 00	KN97VF	8289	5151	38
N	668.0		civ	Bryansk		RUS	N53 11 30	E034 10 35	KO73CE	7532	4680	36
N	670.0		civ	Chardzhev/Turkmenabat				E063 36 00	MM19TC	10094	6272	28
N	733.0		civ	Baku/Bina			N40 26 54	E050 03 00	LN50AK	9387	5833	36
N	770.0	1020		Moscow/Sheremetyevo			N55 57 54	E037 22 24	KO85QX	7460	4635	33
N	770.0		CIV	Mirnyj			N62 31 30	E113 59 30	OP62XM	8146	5062	
N	795.0		<b>-</b> !	Donetsk Savatalana Canan			N48 04 25	E037 42 30	KN88UB	8116	5043	39
N N	820.0 830.0			Sovetskaya Gavan Ulyanovsk/Vostochny			N49 13 30 N54 24 04	E140 12 00 E048 48 10	QN09CF LO44JJ	8991 8063	5587 5010	335 29
N	870.0			Ust-Ilimsk				E102 35 30	OO18HD	8693	5402	
N	915.0			Nizhnevartovsk				E076 30 30	MP80GX	8179	5082	12
N	983.0			Nadym				E072 39 00	MP65HL	7639	4747	12
N	995.0			Kemerovo				E086 08 24	NO35BG	8930	5549	8
N	1030.0			Nizhniy Novgorod/Strigino				E043 46 00	LO16VE	7707	4789	30
N	1060.0			UNID		?						
N	1215.0		civ	Ufa		RUS	N54 32 00	E055 53 30	LO74WM	8308	5163	25
N4	350.0	400	civ	Swan River	MB	CAN	N52 06 55	W101 14 06	DO92JC	1854	1152	307
N5	224.0	400	civ	Rocky Mtn House/Rocky Two	AB	CAN	N52 25 47	W114 54 28	DO22NK	2770	1721	303
N9	346.0	400	civ	Tumbler Ridge	ВС	CAN	N55 01 34	W120 56 10	CO95MA	3194	1985	308
NA	211.0			Tbilisi/Lochini				E044 59 50	LN21LP	9034	5613	39
NA	283.5	0	mar	Punta de la Entallada (Fuerteventura)				W013 56 48	IL38AF	5990	3722	
NA	290.0			Namlea				E127 05 52	PI36NS	14803	9198	
NA	305.0			Nema				W007 15 39	IK66IO	7329	4554	90
NA	307.0			Nausori					RH91GW	12329	7661	
NA	315.0	4.5.5		Salekhard	٠.			E066 30 24	MP36GN	7418	4609	14
NA	337.0	1020	civ	Santa Anna/Maagg	CA	USA	N33 41 20	W117 51 38	DM13BQ	3487	2167	264

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
NA	359.0	400	civ	Narsarsuaq		GRL	N61 10 15	W045 24 47	GP71HE	2947	1831	37
NA	370.0		civ	Nizhnekamsk/Begishevo		RUS	N55 32 00	E052 02 06	LO65AM	8081	5021	26
NA	376.5			Naganuma		J	N43 00 01	E141 39 03	QN03TA	9549	5934	331
NA	383.0		civ	Banja Luka		BIH	N44 55 15	E017 18 21	JN84PW	7199	4473	51
NA	385.0	400	civ	Natashquan	QC	CAN	N50 13 20	W061 50 30	FO90BF	1507	936	56
NA	512.0		civ	Narimanovka/Kostanay		KAZ	N53 09 44	E063 34 58	MO13SD	8687	5398	22
NA	660.0		civ	Samara/Bezymyanka		RUS	N53 15 54	E050 22 48	LO53EG	8226	5112	29
NAK	335.0	400	civ	Stockholm/Bromma/Nacka		S	N59 17 41	E018 10 43	JO99CH	6337	3938	37
NAL	422.0		iw	Nam Platform L9FF1		IW						
NAM	402.0		iw	Nam FA1		IW	N53 19 49	E004 49 55	JO23JH	5934	3687	48
NAR	329.0			Narrandera		AUS	S34 42 25	E146 30 46	QF35GH	15982	9931	269
NAS	270.0			Punta Arenas			S53 00 37	W070 51 50	FD46NX	10769	6692	175
NAS	369.0			UNID		?						
NAU	225.0			Nautla			N20 12 27		EL100E	3079	1913	217
NB	295.0	1020		Nürnberg		D	N49 30 41	E010 57 22	JN59LM	6513	4047	50
NB	300.5	0		Berdyanskiy Nizhniy				E036 45 48	KN86JP	8186	5087	40
NB	307.0	_		Lebyazhe		RUS		E045 13 00	LO20OE	8288	5150	33
NB	361.0	0	joi	Bordeaux/Merignac		F	N45 08 51	W000 33 00	IN95RD	6009	3734	59
NB	366.0			UNID		?						
NB	378.0			Priluki			N50 34 00	E032 19 00	KO60DN	7644	4750	39
NB	387.0	400		Akureyri/Botn		ISL	N65 19 34		IP05UH	4369	2715	35
NB	394.0	400	civ	Stockholm/Bromma		S	N59 24 03	E017 48 50	JO89VJ	6313	3923	37
NB NBB	400.0	400		Uelkal Negrobei			N65 31 00	W179 17 00 E149 49 52	AP05IM	6083	3780	330
NBR NBW	413.0 949.0	400	i	Narrabri		AUS IW		E149 49 52 E004 45 06	QF49VQ JO25JR	15464 5814	9609 3613	273 45
NC	284.0		iw iw	Noble Byron Welliver/Tyra West Kerr McGee North Sea (UK) Ltd/Ninian Central		IW		E004 45 00 E001 28 03	JP00RU	5423	3370	40
NC	338.0	٥	civ	Nice/Côte d'Azur		F		E007 07 45	JN33NO	6622	4115	57
NC	356.0	U	CIV	Chileka		MWI			KH74LH	13154	8174	85
NC	405.0			Volgograd/Marinovka			N48 38 00	E043 48 00	LN18VP	8361	5195	35
NC	415.0			Newcastle		AFS	S27 46 13	E029 59 40	KG42XF	13601	8451	99
NC	489.0		civ	Kemerovo			N55 18 00	E086 10 48	NO35CH	8928	5548	8
NC8	327.0	400		UNID		?						
NCA	356.0		mil	Jacksonville/New River (Navy)	NC	USA	N34 43 18	W077 25 47	FM14GR	1033	642	170
NCL	357.0	1020		São Nicolau/Preguica		CPV	N16 33 46	W024 17 00	HK76UN	5975	3713	102
NCO	323.0		iw	Shell Expro/North Cormorant		IW	N61 14 24	E001 08 52	JP01NF	5393	3351	40
NCS	409.0	1020		Nagy Cserkesz		HNG	N47 57 39	E021 31 49	KN07SX	7246	4502	47
NCZ	245.0			Autec		BAH	N24 42 12	W077 46 12	FL14CQ	2135	1326	175
ND	190.0		enr	Smyshlyayevka		RUS	N53 16 00	E050 26 00	LO53FG	8228	5113	29
ND	256.0		civ	Banjul/Yundum		GMB	N13 20 43	W016 39 27	IK13QI	6818	4237	99
ND	285.0			Tanjung Pandan		INS		E107 45 05	OI37VF	15392	9564	349
ND	315.5		mar	Nida		LTU	N55 18 24	E020 59 54	KO05LH	6724	4178	40
ND	339.0			UNID		?						
ND	402.0			Moanda				E013 16 03	JI68PL	10347	6429	89
ND	417.0	400	civ	Great Yarmouth/North Denes		G	N52 38 14	E001 43 37	JO02UP	5779	3591	50
ND	439.0			UNID		?						
ND	507.0	1020	CiV	Bolshevik				E040 14 00	LN05CS	8435	5242	39
ND	670.0	4000		Kubinka				E036 39 00	KO86HO	7378	4584	33
NDG	375.0	1020	CIV	Nördlingen		D		E010 25 07	JN58FT	6520	4052	51
NDJ	359.0			Bucholz/Kwajalein				E167 43 40	RJ38UR	11115	6906	293
NDO	318.0	1000	m:I	Kinshasa Ndolo Nordholz		ZAI		E015 18 58	JI75PQ	10725	6664	90 46
NDO	372.0	1020				D		E008 48 22	JO43JS	6144 5462	3818	46 43
NDR NDR	343.0 414.0	200	iW	Northern Producer/Atlantic Floating Production Nador/Taouima		IW MPC		E000 25 56 W002 55 32	JO08FH IM85MD	5462 6415	3394 3986	43 70
NE NE	320.0	000	CIV					E104 34 34	OI29GM	6415 15179	9432	
NE NE	320.0	400*	civ	Singkep Minsk 1				E104 34 34 E027 36 24	KO33TU	7162	9432 4450	354
NE NE	339.0			Nancy/Essey		F		E027 36 24 E006 08 04	JN38BN	6265	3893	53
NE	JJ9.U	U	CIV	(Nanoy/E336y		۲	140 34 2/	<b>∟</b> 000 00 04	NIGOCKIC	0200	2093	აა

NE	Call	1.U-	U-	-	Ctation	C/D	1711	1 1 -4	1.000	1 1 2 2	le:	! I	0
NE	Call	405.0	Hz	T	Station TD 405	S/P	ITU	Lat	Long	Loc	6643	Mi 4129	
NE				neg				NOZ 09 30	EU 13 32 06	JUIZVVD	0043	4120	40
NE							-	N46 52 00	E035 18 00	KN76DII	8001	5022	<b>41</b>
NE			1020	ρnr	•								
NEL   340			1020	CIII				1407 02 00	L030 00 00	NOSTAA	1402	7033	32
NEL   386   0				civ			-	N17 36 31	F044 25 11	I K27FO	11133	6918	53
NE					•								
NEB   327			1020		•	N.I							
NET   393.0			1020		` ' '	. 10							
NF				iw	•								44
NF         220.0         Norfok Island         NFK         S29 D 02         E17 55 15         NG 030XX         1393.3         8867         222           NF         325.0         1020         cr         NF         397.0         400         CW         NGF         397.0         400         CW         PERDOR         388.3         22         2847         38.0           NF         397.0         400         CW         Felikoping         S NSB 13 12         E013 190         CMR09         CMR09         CW         KPG09         CMR09         CW         CWR09         <													
NF         222.0         Name         Name         CHN         NZ713.0         CH16,340.0         CH37.0         410.0         4882         287.0         743.0 <t< th=""><th></th><th></th><th>400*</th><th></th><th></th><th></th><th>NFK</th><th>S29 00 26</th><th>E167 55 15</th><th></th><th></th><th></th><th>262</th></t<>			400*				NFK	S29 00 26	E167 55 15				262
NF         325.0         125.0         vision of more shall all solutions of the section o	NF	292.0					CHN	N27 13 00	E116 34 00	OL87GF	11963	7434	345
NF         397.0         400         civ         Falkoping         S         NSB 13 12         E01 3 39 0         Ooe RT         6171         3834         40           NF         401.0         civ         Sovetskaya Gavan         RUS         N49 13 00         C103 24 00         CN09DF         899         588         335           NFA         602.0         mI         Cuers         F         N43 14 51         E006 07 38         JN33BF         6075         408         58           NFE         575.0         Image         Cuers         F         N43 14 51         E006 07 38         JN33BF         6075         408         80           NFE         250.0         UNID         P         LVI	NF	325.0	1020	civ	•		ISL	N65 08 05	W013 44 11	IP35DD	4582	2847	36
NF         401.0         civ         Sovetskaya Gavan         RUS         N481 300         E140 15 30         CN980/M         8890         5588         3587           NF         662.0         "mill Cuers         F         N43 14 51         E006 0738         JUN30F         557         4086         58           NFD         360.0         "mill Cuers         F         N43 14 51         E006 0738         JUN30F         557         4086         58           NFD         360.0         UNID         7         F         N575         F         VIV         N9         CUE         F         N561 036         E015 18 00         JUT2PF         10986         6826         S2           NG         220.0         UNID         7         F         N561 036         E015 18 00         JUT2PF         10986         6826         S2           NG         285.0         Cut         YUzhnynYogorod/Strigino         RUS         N561 036         E015 18 00         JUT2PF         10986         6826         S2           NG         350         Cut         YuzhnynYashkent         UZ         N141 15 06         E006 12 24 3         M310 10         4096         6250         33           NG	NF	390.0			Severomorsk 1		RUS	N69 04 00	E033 21 00	KP69QB	6333	3935	23
NFA         662.0         mill Cuers         Lugansk-Östr.         UKR         N48 32.00         E03 92.4 00         KN9BOM         8161         5071         37           NFA         640.0         mill Cuers         Lucers         F         N43 14 51         E006 07 38         N133BF         6575         4006         8           NFE         575.0         UNID         P         10	NF	397.0	400	civ	Falköping		S	N58 13 12	E013 39 06	JO68TF	6171	3834	40
NFA   640.0	NF	401.0		civ	Sovetskaya Gavan		RUS	N49 13 00	E140 15 36	QN09DF	8990	5586	335
NFA   640.0	NF	662.0			Lugansk-Ostr.		UKR	N48 32 00	E039 24 00	KN98QM	8161	5071	37
NFU	NFA	640.0		mil			F	N43 14 51	E006 07 38	JN33BF	6575	4086	58
NFU	NFD	360.0			UNID		?						
NG         220.0         Negage         AGL         S07 46 00         E015 18 00         J172PF         10986         6826         92           NG         245.0         civ         Nizhrhy Novgorod/Strigino         RUS         N56 10 36         E043 45 54         LO116VE         777.0         4791         30           NG         285.0         civ         Yuzhrhy Novgorod/Strigino         RUS         N56 10 36         E043 45 54         LO116VE         777.0         4791         30           NG         285.0         civ         Yuzhry Tashkent         UZB         M41 15 06         E094 12 54         MN410CG         10062 626         23           NG         350.0         Nagarons         F         N43 51 26         E004 24 23         JUSEU         6422         399.0         58           NG         367.0         Dunhua         CHN N43 2200         E128 12 06         PN43CI         956 6187         34           NG         397.0         Alchi         Junio         Junio         Junio         Junio         PN43 512 0         E128 12 06         PN43CI         956 6187         34           NGU         233.0         1020         Rancohe         HI         USA         N212 270 <th< th=""><th>NFE</th><th>575.0</th><th></th><th>iw</th><th></th><th></th><th>IW</th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	NFE	575.0		iw			IW						
NG         245.0         civ         Nizhmy Novgorod/Strigino         RUS         N56 10 36         E043 45 54         LO16VE         7710         4791         30           NG         285.0         civ         Vuzhny/Tashkent         UZB         N41 15 05         E069 12 54         0         C420 1056         2553         350         350           NG         3540         3540         0         mill         Nimas/Garons         F         N43 5126         E004 242         JA23EU         6422         3990         58           NG         3570         Junhua         Alchi         J         N35 08 32         E136 694         PM85LD         1050         6153         331           NGF         265.0         1020         Alchi         J         N35 0832         E136 494         PM85LD         1050         6530         331           NGF         285.0         1020         Alchi         Junin         RUS         N217 270         W157 45 12         BL11CK         7469         4641         278           NGO         355         Junin         Alchi         SA         N21 270         W157 4512         BL11CK         7469         4641         278           NGY <t< th=""><th>NFU</th><th>296.0</th><th></th><th></th><th>UNID</th><th></th><th>?</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	NFU	296.0			UNID		?						
NG         285.0         civ Vuziny/Tashkent         UZB         N41 15 06         E069 12 54         MN41OG         10069         6256         2 3           NG         289.0         Naharang         VTN         N12 13 35         E109 12 04         OK42OF         13728         830         350           NG         364.0         O         MI Nimes/Garons         F         N43 51 26         E004 242         NJASUB         4242         398         88           NG         367.0         Dunhua         CHN         N43 22 00         E128 12 06         PN43CI         9956         6187         340           NG         397.0         Aichi         J         N36 82         E13 55 44         PM85LD         10509         66187         342           NGF         265.0         1020         Kaneohe         HI         USA         A21 27 07         W167 45 12         BL11CK         7469         4641         278           NGU         233.0         1020         Kaneohe         HI         USA         A21 43 30         E144 419         PH75IG         15440         999         464         278           NGY         339.0         1020         Ngukurr         AUS         S14 43 30	NG	220.0			Negage		AGL	S07 46 00	E015 18 00	JI72PF		6826	92
NG         289.0         Nhatra'ng         VTN         N12 13 35         E109 12 04         OK420F         13728         8530         3 50           NG         354.0         0         mil Nimes/Garons         F         N43 51 0         E004 24 23         JN23EU         6422         3990         58           NG         357.0         Dunhua         CHN         N43 22 00         E186 59 48         PM85LD         1050         6530         31           NGF         265.0         102         Aichi         J         N35 08 32         E136 59 48         PM85LD         1050         6530         31           NGO         355.0         UNID         7         V         V         V         V         7469         404         278           NGY         399.0         400         Y         Ngukurr         AUS         S14 43 30         E1344 419         PH75IG         15440         9594         305           NGY         399.0         400         Y         New Galloway for Prestwick         G         NUS         S143 30         E1444 19         PH75IG         15440         9594         305           NGY         399.0         400         Y         New Galloway for Prestw	NG				, ,		RUS	N56 10 36	E043 45 54	LO16VE			30
NG         354.0         0         mil         Nimes/Garons         F         N43 51 26         E004 24 23         JN23EU         6422         3990         58           NG         367.0         Danhua         CHN         N43 51 26         E012 42 20         E128 12 0         PN43CI         9956         6167         340           NGF         265.0         1020         Kaneohe         HI         USA         N21 27 07         W157 45 12         BL11CK         7469         4641         278           NGO         355.0         1020         Ngukurr         AUS         S14 43 30         E134 44 19         PH75IG         15440         983         30         48           NGY         399.0         400         Ngukurr         AUS         S14 43 30         E1314 44 19         PH75IG         15440         983         30           NGY         399.0         400         Ngukurr         AUS         S14 43 30         E1314 44 19         PH75IG         15440         983         30           NGY         399.0         400         Ngukurr         AUS         S11 43 30         E1114 451         Olspur         5314         302         28           NH         233.0				civ	Yuzhny/Tashkent								
NG         367.0         Use to think a sign of the sign of t					•								350
NG         397.0         Image: Section of the content			0	mil			-						
NGF NGO         265.0   1020   Maneohe UNID         Kaneohe UNID         HI USA   121 27 07   W157 45 12   BL11CK         7469   4641   278 Mod   2													
NGO         355.0         UNID         ?           NGU         233.0         1020         Ngukurr         AUS         \$14 44 30         \$12 44 41 9         \$15460         \$15440         \$15430         \$15430         \$1540         \$1540         \$1540         \$15430         \$1540         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$1544         \$15444         \$15444         \$15444         \$15444													
NGU         233.0         1020         Ngukurr         AUS         S14 43 30         E134 44 19         PH75IG         15440         9594         305           NGY         399.0         400         enr         New Galloway for Prestwick         G         N55 10 39         W004 10 07         IO75VE         5314         3302         48           NH         233.0         mar         Zaliv Nakhodka         RUS         N42 50 21         E132 20 40         PN62EU         9891         6146         337           NH         297.0         0         civ         Nouakchott         MTN         N18 04 45         W015 57 48         IK28AB         6524         4054         95           NH         353.0         civ         Nukachott         MTN         N18 04 45         W101 31 33         BIYVE         8442         5245         243           NH         371.5         400         civ         Nukachott         G         N52 403         E001 23 05         JO02QQ         5766         3577         50           NH         372.0         C         Tobolsk         RUS         N52 45 00         E008 16 30         M048DD         8309         5163         17           NH         499.0 </th <th></th> <th></th> <th>1020</th> <th></th> <th></th> <th>HI</th> <th></th> <th>N21 27 07</th> <th>W157 45 12</th> <th>BL11CK</th> <th>7469</th> <th>4641</th> <th>278</th>			1020			HI		N21 27 07	W157 45 12	BL11CK	7469	4641	278
NGY         399.0         400         enr         New Galloway for Prestwick         G         N55 10 39         W004 10 07         IO75VE         5314         3302         48           NH         233.0         Nanga Pinoh         INS         500 20 57         E111 44 51         OI59UP         15055         9355         344           NH         291.5         mar         Zaliv Nakhodka         RUS         042 50 21         E112 20 40         PN62EU         989         6146         35           NH         297.0         0         civ         Nuku Hiva         OCE         S08 47 40         W140 13 13         Bi91VE         8442         5245         243           NH         371.5         400         civ         Norwich         G         RS 24 03         E001 23 05         JO02QQ         5756         3577         50           NH         372.0         C         Vorwich         G         RUS         88 08 30         E008 23 29         ML46EF         150         750         3577         50           NH         372.0         C         VolVIID         7         VIX         80         820         E008 23 29         ML46EF         12120         750         358			4000					0444000	E404 44 40	D117510	45440	0504	005
NH         233.0         Nanga Pinoh         INS         S00 20 57         E111 44 51         OI59UP         15055         9355         344           NH         291.5         mar         Zaliv Nakhodka         RUS         N42 50 21         E132 20 40         PN6ZEU         9891         6146         337           NH         291.5         o'v         Nuku Hiva         OCE         S08 47 40         W101 51 31         BIB1VE         8424         2545         243           NH         353.0         civ         Nuku Hiva         OCE         S08 47 40         W140 131 31         BIB1VE         8442         5245         243           NH         371.5         400         civ         Norwich         G         N52 40 35         E001 23 05         JO02QQ         5756         3577         250           NH         372.0         Tobolsk         RUS         N52 40 30         E068 13 30         MC46EF         1150         7196         29           NH         417.0         UNID         2         VIDID         2         VIDID         2         MILE         MC46 40 40         MC64 04 10         C75XF         12123         7533         173         173         173         MS					•								
NH         291.5         mar         Zaliv Nakhodka         RUS         N42 50 21         E132 20 40         PN62EU         9891         6146         337           NH         297.0         0         civ         Nouakchott         MTN         N18 04 45         W015 57 48         IK28AB         6524         4054         95           NH         353.0         civ         Nouakchott         MTN         N18 04 45         W010 313         BI91VE         8442         2525         243           NH         371.5         400         civ         Norwich         G         N52 40 35         E001 23 05         JO02QQ         5756         5257         243           NH         372.0         Tobolsk         RUS         N58 08 30         606 16 36         M048DD         8309         5163         17           NH         393.0         Tobolsk         RUS         N52 45 30         E006 23 29         ML46EF         11580         7196         29           NH         493.0         Civ         Inkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         O022FS         9289         772.7         358           NHG         1600.0         1020         mill         Palmer Sta			400	enr									
NH         297.0         0         civ         Nouakchott         MTN         N18 04 45         W015 57 48         IK28AB         6524         4054         95           NH         353.0         civ         Nuku Hiva         OCE         508 47 40         W140 13 13         B191VE         8442         5245         243           NH         371.5         400         civ         Norwich         G         N52 40 35         E001 23 05         JO02QQ         5756         3577         50           NH         372.0         Tobolsk         RUS         N58 08 30         E068 23 29         ML46EF         11580         7196         217           NH         393.0         Civ         Irkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         O022FS         9289         5772         358           NH         417.0         Palmer Station         RUS         N52 45 00         E104 28 00         O022FS         9289         5772         358           NHG         1600.0         1020         riv         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHL         3260.         Iniii <t< th=""><th></th><th></th><th></th><th>mar</th><th>-</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>				mar	-								
NH         353.0         civ         Nuku Hiva         OCE         S08 47 40         W140 13 13         BI91VE         8442         5245         243           NH         371.5         400         civ         Norwich         G         N52 40 35         E001 23 05         JO02QQ         5756         3577         50           NH         372.0         Tobolsk         RUS         NS8 08 30         E068 16 36         MO48DD         8309         5163         17           NH         393.0         Close 32 39         ML46EF         11580         7196         29           NH         417.0         UNID         7         1580         7196         29           NH         417.0         UNID         7         11580         7192         358           NHG         1600.0         Civ         Irkutski/Nikolsk         RUS         N52 45 00         E104 28 00         OO22FS         9289         5772         358           NHG         1600.0         1020         mil         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHL         326.0         Nill         Aus         S36 17 38			0										
NH         371.5         400         civ         Norwich         G         N52 40 35         E001 23 05         JO02QQ         5756         3577         500           NH         372.0         Tobolsk         RUS         N58 08 30         E068 16 36         MO48DD         8309         5163         17           NH         393.0         Awabshah         PAK         N26 13 02         E068 23 29         ML46EF         11580         7196         29           NH         417.0         Will         Awabshah         PAK         N26 13 02         E068 23 29         ML46EF         11580         7196         29           NH         417.0         Will         Civ         Irkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         OO22FS         9289         5772         358           NHG         1600.0         Toll         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mill         Patusent River (Navy)         MD         USA         N38 17 10         W076 24 11         FM18TG         674         419         173           NHL         326.0			U										
NH         372.0         Tobolsk         RUS         N58 08 30         E068 16 36         MO48DD         8309         5163         17           NH         393.0         Nawabshah         PAK         N26 13 02         E068 23 29         ML46EF         11580         7196         29           NH         417.0         UNID         ?         E088 23 29         ML46EF         11580         7196         29           NH         699.0         civ         Irkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         OO22FS         9289         5772         358           NHG         1600.0         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mill         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mill         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         Mill         S80.0         S8173         81817			400										
NH         393.0         Nawabshah         PAK         N26 13 02         E068 23 29         ML46EF         11580         7196         29           NH         417.0         UNID         ?         UNID         ?         ***         ***         **         ***         ***         ***         ** <th< th=""><th></th><th></th><th>400</th><th>CIV</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>			400	CIV									
NH         417.0         UNID         ?           NH         699.0         civ         Irkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         OO22FS         9289         5772         358           NHG         1600.0         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mil         Patuxent River (Navy)         MD         USA         N38 17 10         W076 24 11         FM18TG         674         419         157           NHL         326.0         Nhill         AUS         S36 17 38         E141 38 36         QF03TQ         16455         10225         270           NI         215.0         Kendari         AUS         S36 17 38         E141 38 36         QF03TQ         16455         10225         270           NI         215.0         Kendari         S04 05 11         E122 24 41         P115EV         15103         9385         328           NI         278.0         Assiniboia         SK         CAN         N49 43 42         W105 56 57         DN79AR         2111         1311         297           NI         294.5													
NH         699.0         civ         Irkutsk/Nikolsk         RUS         N52 45 00         E104 28 00         OO22FS         9289         5772         358           NHG         1600.0         Palmer Station         ATA         864 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mil         Patuxent River (Navy)         MD         USA         N38 17 10         W076 24 11         FM18TG         674         419         157           NHL         326.0         Mhill         AUS         S36 17 38         E141 38 36         QF03TQ         16455         10225         270           NI         215.0         Kendari         INS         S04 05 11         E122 24 41         PI15EV         15103         9385         328           NI         278.0         Assiniboia         SK         CAN         N49 43 42         W105 56 57         DN79AR         2111         1311         297           NI         283.0         mar         Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         369.5         Sado         Just Nim								5 15 02	_000 _0 _0		. 1000		_0
NHG         1600.0         Palmer Station         ATA         S64 46 28         W064 04 10         FC75XF         12123         7533         173           NHK         400.0         1020         mil         Patuxent River (Navy)         MD         USA         N38 17 10         W076 24 11         FM18TG         674         419         157           NHL         326.0         Nhill         AUS         S36 17 38         E141 38 36         QF03TQ         16455         10225         270           NI         215.0         Kendari         INS         S04 05 11         E122 24 41         PI15EV         15103         9385         328           NI         278.0         Kendari         SK         CAN         N49 43 42         W105 56 57         DN79AR         2111         1311         297           NI         283.0         Mairobi         KEN         S01 19 59         E036 54 31         KI88KQ         12199         7580         72           NI         294.5         Mar         Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         355.0         1020         viv         Nauru         Nauru				civ			-	N52 45 00	E104 28 00	0022FS	9289	5772	358
NHK         400.0         1020         mil         Patuxent River (Navy)         MD         USA         N38 17 10         W076 24 11         FM18TG         674         419         157           NHL         326.0         Nhill         AUS         S36 17 38         E141 38 36         QF03TQ         16455         10225         270           NI         215.0         Kendari         INS         S04 05 11         E122 24 41         Pl15EV         15103         9385         328           NI         278.0         Assiniboia         SK         CAN         N49 43 42         W105 56 57         DN79AR         2111         1311         297           NI         283.0         Mairobi         KEN         S01 19 59         E036 54 31         KI88KQ         12199         7580         72           NI         294.5         mar Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         355.0         1020         civ         Nauru         NB         800 32 34         E166 55 05         RI39LK         11925         7410         287           NI         1030.0         1020         civ         Mykolaivka													
NHL         326.0         Nhill         AUS         \$36.17.38         E141.38.36         QF03TQ         16455         10225         270           NI         215.0         Kendari         INS         \$04.05.11         E122.24.41         Pl15EV         15103         9385         328           NI         278.0         Assiniboia         SK         CAN         N49.43.42         W105.56.57         DN79AR         2111         1311         297           NI         283.0         Nairobi         KEN         \$01.19.59         E036.54.31         KI88KQ         12199         7580         72           NI         294.5         mar         Mys Nikodimskiy         RUS         N66.06.00         E039.05.00         KP96NC         6733         4184         24           NI         355.0         1020         civ         Nauru         NRU         \$00.32.34         E166.55.05         RI39LK         11925         7410         287           NI         369.5         Sado         J         N38.03.57         E138.24.35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47.01.45         E031.			1020	mil		MD							
NI         215.0         Kendari         INS         S04 05 11         E122 24 41         PI15EV         15103         9385         328           NI         278.0         Assiniboia         SK         CAN         N49 43 42         W105 56 57         DN79AR         2111         1311         297           NI         283.0         Nairobi         KEN         S01 19 59         E036 54 31         KI88KQ         12199         7580         72           NI         294.5         mar         Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         355.0         1020         civ         Nauru         NRU         S00 32 34         E166 55 05         RI39LK         11925         7410         287           NI         369.5         Sado         J         N38 03 57         E138 24 35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47 01 45         E031 52 10         KN57WA         7896         4906         42           NIE         230.0         Nile         AUS         S41 39 10         E147 18 1					• • •								
NI         283.0         Nairobi         KEN         S01 19 59         E036 54 31         KI88KQ         12199         7580         72           NI         294.5         mar         Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         355.0         1020         civ         Nauru         NRU         S00 32 34         E166 55 05         RI39LK         11925         7410         287           NI         369.5         Sado         J         N38 03 57         E138 24 35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47 01 45         E031 52 10         KN57WA         7896         4906         42           NIA         397.5         400         iw         Britania/Britania Platform         IW         N58 02 53         E001 08 13         JO08NB         5510         3424         44           NIE         454.0         UNID         2         447 18 12         QE38PI         16237         10089         257					Kendari							9385	328
NI         283.0         Nairobi         KEN         S01 19 59         E036 54 31         KI88KQ         12199         7580         72           NI         294.5         mar         Mys Nikodimskiy         RUS         N66 06 00         E039 05 00         KP96NC         6733         4184         24           NI         355.0         1020         civ         Nauru         NRU         S00 32 34         E166 55 05         RI39LK         11925         7410         287           NI         369.5         Sado         J         N38 03 57         E138 24 35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47 01 45         E031 52 10         KN57WA         7896         4906         42           NIA         397.5         400         iw         Britania/Britania Platform         IW         N58 02 53         E001 08 13         JO08NB         5510         3424         44           NIE         454.0         UNID         2         447 18 12         QE38PI         16237         10089         257	NI	278.0			Assiniboia	SK	CAN	N49 43 42	W105 56 57	DN79AR	2111	1311	297
NI         355.0         1020         civ         Nauru         NRU         S00 32 34         E166 55 05         RI39LK         11925         7410         287           NI         369.5         Sado         J         N38 03 57         E138 24 35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47 01 45         E031 52 10         KN57WA         7896         4906         42           NIA         397.5         400         iw         Britania/Britania Platform         IW         N58 02 53         E001 08 13         JO08NB         5510         3424         44           NIE         230.0         Nile         AUS         S41 39 10         E147 18 12         QE38PI         16237         10089         257           NIE         454.0         UNID         ?         ***         ***         ***         ***         ***	NI				Nairobi		KEN	S01 19 59	E036 54 31		12199	7580	72
NI         369.5         Sado         J         N38 03 57         E138 24 35         PM98EB         10162         6314         331           NI         1030.0         1020         civ         Mykolaivka         UKR         N47 01 45         E031 52 10         KN57WA         7896         4906         42           NIA         397.5         400         iw         Britania/Britania Platform         IW         N58 02 53         E001 08 13         JO08NB         5510         3424         44           NIE         230.0         Nile         AUS         S41 39 10         E147 18 12         QE38PI         16237         10089         257           NIE         454.0         UNID         ?	NI	294.5		mar	Mys Nikodimskiy		RUS	N66 06 00	E039 05 00	KP96NC	6733	4184	24
NI     1030.0     1020 civ     Mykolaivka     UKR N47 01 45     E031 52 10     KN57WA     7896 4906 42       NIA     397.5 400 iw     Britania/Britania Platform     IW N58 02 53     E001 08 13     JO08NB     5510 3424 44       NIE     230.0 Nile     AUS S41 39 10     E147 18 12     QE38PI     16237 10089 257       NIE     454.0 VIDID     ?	NI	355.0	1020	civ	Nauru		NRU	S00 32 34	E166 55 05	RI39LK	11925	7410	287
NIA         397.5         400 iw         Britania/Britania Platform         IW N58 02 53         E001 08 13         JO08NB         5510 3424 44         44           NIE         230.0         Nile         AUS \$41 39 10         E147 18 12         QE38PI         16237 10089 257           NIE         454.0         UNID         ?	NI	369.5			Sado		J	N38 03 57	E138 24 35	PM98EB	10162	6314	331
NIE       230.0       Nile       AUS       S41 39 10       E147 18 12       QE38PI       16237       10089       257         NIE       454.0       UNID       ?       E147 18 12       QE38PI       16237       10089       257	NI	1030.0	1020	civ	Mykolaivka		UKR	N47 01 45	E031 52 10	KN57WA	7896	4906	42
<b>NIE</b> 454.0 UNID ?	NIA	397.5	400	iw	Britania/Britania Platform		IW	N58 02 53	E001 08 13	JO08NB	5510	3424	44
····	NIE	230.0			Nile		AUS	S41 39 10	E147 18 12	QE38PI	16237	10089	257
NIK 302.0 enr Niksic YUG N42 46 35 E018 55 27 JN92LS 7449 4629 52							-						
	NIK	302.0		enr	Niksic		YUG	N42 46 35	E018 55 27	JN92LS	7449	4629	52

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
NIN	220.0		•	Junin	J		S34 33 04	W060 56 02	FF95MK	8887	5522	165
NIN	284.0		iw	Kerr McGee North Sea (UK) Ltd/Ninian North		IW		E001 25 10	JP00RV	5419	3367	40
NIS	203.0			Sibu		MLA	N02 14 50	E111 59 51	OJ52XF	14768	9177	344
NIT	398.0	1020	enr	Nitra		SVK	N48 17 54	E018 03 09	JN98AH	7018	4361	48
NIZ	333.0		mil	Izki		OMA	N22 53 16	E057 45 55	LL82VV	11425	7099	40
NJD	310.0		enr	Njord		NOR	N64 16 15	E007 12 00	JP34OG	5575	3464	35
NJR	949.0		iw	Rig Noble Julie Robertson		IW						
NK	273.0		civ	Godthåb/Nuuk/Nutak			N64 40 43	W051 22 26	GP44HQ	2899	1801	27
NK	289.0			Nakhon Si Thammarat			N08 32 48	E099 56 27	NJ98XN	14196	8821	1
NK	305.0		civ	Ankara/Esenboga				E032 58 36	KN60LC	8509	5287	47
NK	315.0			Nangan				E119 57 26	OL96XD	12000	7456	342
NK	368.0			Narok			S01 06 09	E035 51 03	KI78WV	12099	7518	73
NK	370.0		CÍV	ŭ				E052 09 30	LO65BO	8079	5020	26
NK	372.0		enr	Tobolsk UNID		RUS ?	N58 U8 UU	E068 13 00	MO48CD	8308	5162	17
NK NK	393.0 394.0			Nukunonu		TKL	200 10 10	W171 49 55	AI40CT	10901	6772	265
NK	422.0		civ	Ayan			N56 27 00	E138 08 00	PO96BK	8342	6773 5183	340
NK	494.0	1020	CIV	UNID		?	1130 27 00	L 136 06 00	FO90BK	0342	3103	340
NK	510.0	1020		Novokazalinsk			N45 49 51	E062 07 49	MN15BT	9370	5822	26
NK	595.0			Nikolskoye				E165 59 00	RO25XE	7420	4611	326
NK	598.0	900		UNID		?	. 100 11 00	_ 100 00 00	. COLONE	. 720	.511	020
NK	675.0			Dedovici		RUS	N57 31 00	E030 00 00	KO57AM	7012	4357	35
NK	1030.0	1020	civ	Mykolaivka			N47 05 15		KN57XC	7897	4907	42
NKO	570.5		iw	Kolskaya/South Arne		IW	N56 04 42	E004 13 48	JO26CB	5768	3584	45
NKR	292.0	1020	enr	Neckar		D	N49 20 12	E008 43 58	JN49II	6386	3968	51
NKS	341.0	400	civ	Karlstad		S	N59 31 55	E013 25 12	JO69RM	6089	3784	38
NKT	245.0	1020	mil	Cherry Point (Navy)	NC	USA	N34 50 03	W076 48 09	FM14OU	1032	641	166
NKW	300.0			Diego Garcia		DGA	S07 17 37	E072 23 04	MI62EQ	15118	9394	42
NKX	352.0		mil	Miramar	CA	USA	N32 52 29	W117 08 26	DM12KU	3477	2160	262
NL	238.0			Longzhou				E106 52 00	OL32KI	12639	7854	354
NL	300.0			Olenek				E112 28 18	OP68FL	7504	4663	355
NL	326.0			Mykolaivka				E033 37 12	KN64TX	8154	5067	43
NL	358.0	400	CIV	St John's/Signal Hill	NL		N47 34 27		GN37PN	2113	1313	69
NL	358.0		<b>_:</b>	Newlands			S41 13 44	E174 49 41	RE78JS	14125	8777	245
NL	358.0		CIV	Nyala Naudarra			N12 03 51		KK22LB	10212	6346 8324	71
NL NL	367.5 369.0	400	civ	New Largo Göteborg/Landvetter		AFS S	S25 55 16 N57 43 50	E028 57 55 E012 20 39	KG44LB JO67ER	13396 6129	3809	98 41
NL	375.0	400	CIV	Nyanza-Lac		BDI	S04 20 50	E029 35 49	KI45TP	11868	7374	80
NL	380.0	1020	civ	Moscow/Sheremetyevo			N55 57 30	E037 19 42	KO85PW	7458	4634	33
NL	404.0	400	0.0	Nolsø				W006 36 00	IP61QW	4975	3092	40
NL	625.0	400*	enr	Osipovichi				E028 39 00	KO43HI	7249	4504	39
NL	718.0			Nalchik				E043 41 36	LN13UM	8801	5469	38
NLT	265.0			Nalut		LBY	N31 51 36	E010 58 54	JM51LU	7670	4766	66
NM	251.0			Pyongyang		KRE	N39 13 45	E125 39 35	PM29TF	10460	6499	341
NM	278.0	400	civ	Matagami	QC	CAN	N49 43 26	W077 44 30	FN19DR	661	411	11
NM	300.5		mar	Mys Chesmenskiy		RUS	N64 43 00	E036 32 00	KP84GR	6750	4194	26
NM	338.0			Kuala Lumpur		MLA	N03 11 59	E101 30 31	OJ03SE	14787	9188	359
NM	403.0	400		Mora/Siljan		S		E014 27 38	JP71FA	6062	3767	37
NM	431.0		civ	Ust-Ilimsk			N58 09 00	E102 38 30	OO18HD	8692	5401	359
NM	435.0			UNID		?						
NM	513.0			UNID		?						
NM	527.0	4655		Ufa				E055 54 30	LO74WM	8311	5164	25
NM	1060.0			Nemyriv				E028 51 00	KN48KX	7584	4713	42
NMN	331.0	1020		Mendig		D		E007 18 49	JO30PI	6240	3877	50
NMS	329.0	400	CIV	Namsos				E011 48 31	JP54VL	5773	3587	33
NN	270.0			Nanortalik		GKL	1400 08 45	W045 15 20	GP70ID	2909	1808	40

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
NN	285.0	1020		Gorontalo	J/F	INS		E122 51 02	PJ10KP	14600	9072	
NN	286.0	1020		UNID		?	1100 00 27	L122 01 02	1 0 1010	14000	0012	000
NN	300.0			UNID		?						
NN	318.0			Niamtougou		-	N09 50 05	E001 07 12	JJ09NU	8505	5285	89
NN	355.0			Nan		THA		E100 46 58	OK08JT	13062	8117	360
NN	362.0	400	mil	Eskilstuna/Kjula		S		E016 42 30	JO89IJ	6260	3890	38
NN	375.0			Shikang		TWN		E120 12 08	PL03CC	12319	7654	341
NN	378.5	400		Northampton/Sywell		G		W000 47 44	10920H	5639	3504	51
NN	414.5			UNID		?						
NN	482.0		enr	Kozhevnikovo		RUS	N56 14 00	E083 58 00	NO16XF	8799	5468	9
NO	250.0			Maumere		INS	S08 38 08	E122 14 09	PI11CI	15572	9676	326
NO	270.0			Nioro		MLI	N15 14 02	W009 35 01	IK55EF	7243	4501	93
NO	273.0			Nairobi		KEN	S01 21 57	E036 51 51	KI88KP	12198	7579	72
NO	297.0		mar	Cabo de la Nao		Ε	N38 43 48	E000 14 06	JM08CR	6432	3997	65
NO	310.0		civ	Kiev/Borispol		UKR	N50 17 15	E030 54 09	KO50KG	7593	4718	40
NO	330.0		civ	Sawani		FJI	S18 00 54	E178 28 06	RH91FX	12335	7664	265
NO	351.0	1020	civ	Reno	NV	USA	N39 31 10	W119 46 09	DM09CM	3356	2086	276
NO	386.0	1020	civ	Pamplona		Ε	N42 45 00	W001 37 54	IN92ES	6065	3768	62
NO	398.0		civ	Termez		UZB	N37 17 58	E067 21 54	MM37QH	10412	6470	26
NO	402.0		iw	Nam/Noordwinning/Zandijk FB-1		IW	N53 16 35	E003 52 24	JO13WG	5879	3653	48
NO	485.0		civ	Nadym		RUS	N65 31 30	E072 39 54	MP65HM	7636	4745	12
NO	515.0			Pyongyang				E125 39 06	PM29TG	10457	6498	341
NO	635.0			Nadino		RUS	N59 38 00	E031 12 00	KO59OP	6913	4296	32
NOA	215.0	1020		Nova Iguaçú		В	S22 43 07	W043 28 50	GG87GG	8239	5119	146
NOR	300.0			UNID		?						
NOR	300.0			Ferando de Noronha		В	S03 51 30	W032 25 42	HI36SD	7070	4393	125
NOS	339.0			UNID		?						
NOT	296.0			UNID		?						
NOT	430.0	400		Nottingham		G		W001 04 46	IO92LW	5594	3476	50
NOV	292.0	1020	joi	Milano/Malpensa/Novara		I I		E008 47 38	JN45JK	6621	4114	55
NP	300.0	1020	CIV	Pskov				E028 25 24	KO47FT	6918	4298	35
NP NP	370.0 372.0			New Plymouth		IND		E174 10 57 E079 02 21	RF70CX ML91MC	14049 12480	8730 7755	248 22
NP NP	376.0			Nagpur			S14 10 20	W141 15 53	BH95IT	8969	5573	240
NP	382.0			Napuka Nampula			S14 10 20 S15 04 06	E039 20 02	KH94QW	13458	8363	81
NP	383.0			Nakhon Phanom				E104 38 33	OK27HJ	13205	8205	356
NPJ	330.0			Nepalgunj		NPL		E081 39 21	NL08TC	11805	7335	17
NQ	305.0			Sumbawa		INS		E117 24 17	OI81QM	15755	9790	333
NQ	326.0		civ	Chardzhev/Turkmenabat				E063 34 48	MM19SD	10089	6269	28
NQ	371.0			Nam FA3		IW		E003 25 25	JO13RN	5839	3628	48
NQI	461.0			Nuqui				W077 15 38	FJ15IR	4236	2632	
NR	289.0			UNID		?						
NR	295.0			Waingapu		INS	S09 40 14	E120 17 58	PI00DH	15763	9794	328
NR	305.0	1020	mar	Ilha da Moela		В		W046 15 51	GG65UW	8251	5127	149
NR	309.5		mar	Lyamchin/Ostrov Vaygach		RUS	N69 52 00	E059 07 00	LP99NU	6947	4317	15
NR	312.5			Navarin		RUS	N62 22 18	E179 09 30	RP92NI	6329	3933	327
NR	340.0			UNID		?						
NR	354.0			Napier		NZL	S39 28 20	E176 52 18	RF80KM	13877	8623	246
NR	368.0		civ	Kuwait		KWT	N29 18 00	E047 55 42	LL39XH	10298	6399	44
NR	381.0			Lilabari		IND	N27 17 13	E094 05 27	NL77BG	12095	7516	6
NR	447.0			UNID		?						
NR	583.0		civ	Mineralnye Vody		RUS	N44 15 00	E043 06 00	LN14NG	8709	5411	38
NRB	227.0	1020		Narembeen		AUS	S32 04 18	E118 23 42	OF97EW	17979	11171	305
NRC	287.0			Naracoorte				E140 43 28	QF03IA	16563	10291	269
NRD	380.0			Nordli			N64 29 48	E013 23 18	JP64QL	5842	3630	33
NRE	493.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	٥
NRG	357.0	1020	joi	Neubrandenburg		D	N53 36 10	E013 20 18	JO63QO	6413	3985	45
NRM	215.0	400		Narromine		AUS	S32 13 23	E148 13 45	QF47CS	15706	9759	271
NRN	230.0	1020		Norton	KS	USA	N39 51 20	W099 53 20	EM09BU	1749	1087	262
NS	255.0		civ	Nis		YUG	N43 18 18	E021 49 42	KN03VH	7593	4718	50
NS	260.0			Namsang			N20 53 10	E097 43 59	NL80UV	12826	7970	3
NS	260.0			Niamtougou			N09 42 06	E001 03 47	JJ09MQ	8511	5288	89
NS	285.0	_		UNID		?						
NS	329.0	0	civ	Niort/Souché		F	N46 20 30	W000 17 48	IN96UI	5963	3705	58
NS	333.0			Nanxiong			N25 05 48	E114 16 30	OL75DC	12238	7605	347
NS	345.0			Cha lan		THA		E099 57 42	NJ98XL	14206	8827	1
NS	351.0	400	civ	•		S	N55 36 41	E013 21 39	JO65QO	6299	3914	43
NS	361.0	400		Ndola			S13 22 05	E028 25 00	KH46FP	12460	7742	87
NS NS	384.0	400		Skövde		S	N58 13 30	E014 00 36	JO78AF	6189	3846	40
NS NS	400.0 404.0	1020 400	iw	Kerr McGee North Sea (UK) Ltd/Ninian Southern		IW	N60 48 18	E001 26 55 W046 01 00	JP00RT GP60XV	5424 2905	3370 1805	40 38
NS NS	455.0	400		Narsaq			N49 50 00	E036 39 00	KN89HT	7919	4921	38
NS	480.0			Chuguyev Nelspruit			S25 29 27	E030 55 09	KG54LM	13523	8403	96
NS	691.0		onr	Naryn-Ges			N41 10 00	E072 10 00	MN61CE	10166	6317	21
NS	718.0			Ulan-Ude/Mukhino			N51 49 54		0031TT	9376	5826	356
NS	1155.0		OIV	Nikolskoye			N48 12 00		KN78NE	7976	4956	40
NSB	318.0		civ	Muscat/Seeb			N23 35 26	E058 15 15	LL93DO	11383	7073	39
NSh	297.0		0	Shatalovo			N54 20 00	E032 29 00	KO64FH	7364	4576	36
NSI	203.0	1020	mil	San Nicolas Island (Navy)	CA		N33 14 09	W119 26 58	DM03GF	3640	2262	
NSL	435.0			In Salah		ALG	N27 15 19	E002 30 46	JL17GG	7351	4568	74
NSM	330.0	400		Inishmaan		IRL	N53 05 00	W009 32 00	IO53FB	5056	3142	53
NSM	347.0			Norseman		AUS	S32 11 40	E121 47 57	PF07VT	17755	11032	299
NSN	311.0	1020	joi	Niederstetten/Bad Mergentheim		D	N49 23 41	E009 57 54	JN49XJ	6459	4013	50
NSP	258.0			Central Complex		UAE	N24 50 00	E053 36 00	LL64TT	11022	6849	42
NSR	260.0	1020	mil	Noshahr		IRN	N36 39 12	E051 30 17	LM56SP	9809	6095	37
NSR	282.0		civ	Casablanca/Mohamed V		MRC	N33 17 00	W007 34 00	IM63FG	6175	3837	75
NST	436.0			UNID		?						
NSV	371.0	400		Svea			N77 51 36	E016 39 03	JQ87HU	5416	3365	16
NT	284.0			UNID		?						
NT	304.0			UNID		?						
NT	309.5			Shvedskiy Front			N68 35 18	E055 49 00	LP78VO	6994	4346	17
NT	313.0		mil	Kecskemét/Titan			N46 56 34	E019 41 38	JN96UW	7208	4479	48
NT NT	338.0			Nelspruit			S25 26 12	E030 57 15 E047 36 16	KG54LN	13522	8402	96 70
NT	340.0 352.0	400	civ	Antananarivo Ivato Newcastle		G	S18 48 56 N55 03 01		LH31TE IO95EB	14389 5470	8941 3399	78 48
NT	383.0	400	CIV	Narathiwat				E101 44 55	OJ06UM	14419	8960	
NT	485.0			UNID		?	1400 51 21	L101 44 33	COOCOIVI	14413	0300	000
NT	645.0	400*	enr	Nizhnyaya Zolotitsa			N65 41 00	E040 08 00	LP05BQ	6800	4225	24
NT	680.0			Nakhchivan			N39 13 48	E045 25 00	LM29RF	9269	5759	40
NT	1155.0			Tole-Bi			N43 41 44	E073 44 56	MN63UQ	9945	6180	19
NTD	400.0	400		Notodden			N59 35 14		JO49NO	5870	3648	40
NTL	400.0			Augusto Severo/Natal		В		W035 14 47	HI24JC	7074		129
NTN	311.0			Normanton		AUS	S17 41 45	E141 04 23	QH02MH	15247	9474	295
NU	315.5		mar	Mys Nepristupnyy		RUS	N42 47 00	E133 00 00	PN62MS	9876	6137	337
NU	325.0	400	civ	Bryansk		RUS	N53 10 12	E034 11 18	KO73CE	7534	4682	37
NU	345.0			Niue		NIU	S19 04 25	W169 55 02	AH50AW	11492	7141	257
NU	358.0			Nakuru		KEN	S00 17 52	E036 05 12	KI89BQ	12052	7489	72
NU	375.0		mar	Mys Nepristupnyy				E133 00 00	PN62MS	9876	6137	337
NU	390.0			Nasosnaya				E049 33 00	LN40SO	9348	5808	36
NU	983.0			Urgench				E060 41 18	MN01IN	9741	6053	29
NU	2160.0			Mys Nepristupnyy				E133 00 00	PN62MS	9876	6137	
NUA	255.0		civ	Casablanca/Mohamed V		MRC	N33 25 54	W007 36 42	IM63EK	6163	3829	75

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
NUC	310.0		-	Huanuco			S09 52 44	W076 12 27	FI10VC	5964	3706	176
NUC	350.0	1020	mil	San Clemente Island (Navy)	CA	USA	N33 01 38	W118 34 17	DM03RA	3582	2226	264
NUD	347.0	1020		Adak Island (Navy)	ΑK	USA	N51 55 01	W176 34 01	AO11RW	6759	4200	315
NUT	325.0	400	pri	Hemavan		S	N65 50 12	E015 02 42	JP75MU	5849	3635	31
NV	214.0	1020		Invercargill		NZL	S46 25 07	E168 19 58	RE43DN	14847	9226	242
NV	281.0	1020		Navua		FJI	S18 14 14	E178 10 07	RH91CS	12375	7689	265
NV	332.0	400	civ	Amsterdam/Schiphol		HOL	N52 09 05	E004 45 53	JO22JD	5989	3721	49
NV	394.0	0	civ	Nevers/Fourchambault		F	N46 57 24	E003 11 24	JN16OW	6164	3830	56
NV	406.0	400	pri	Vilhelmina		S	N64 33 36	E017 01 56	JP84MN	5996	3726	32
NV	515.0			Rostov Na Donu-Centr		RUS	N47 17 00	E039 38 00	KN97TG	8277	5143	38
NV	684.0			Zabaykalsk		RUS	N49 39 00	E117 20 00	ON89QP	9513	5911	349
NVA	299.0			UNID		?						
NVG	235.0	1020		Navegantes/Itajai		В	S26 52 32	W048 39 10	GG53QC	8443	5246	
NVK	368.0		mil	Milton/Allentown (Navy)	FL	USA		W087 04 22	EM60LS	1604	997	
NW	240.0			Ndola			S12 59 48	E028 35 12	KH47HA	12446	7733	87
NW	306.5		mar	Nyyvo			N51 57 00	E143 08 00	QO11NW	8626	5360	
NW	325.5	0		La Tontouta			S21 56 16	E166 04 32	RG38AB	13608	8456	
NW	327.5			Newcastle			S27 46 03	E030 03 03	KG52AF	13605	8454	99
NW	350.0			Pekanbaru		INS	N00 27 59	E101 27 11	OJ00RL	15089	9376	
NW	357.0	400		Nusawiru		INS	S07 43 13	E108 29 24	Ol42FG	15922	9894	
NW	364.0	400		Nyköping/Skavsta		S	N58 47 48	E016 47 00	JO88JT	6297	3913	38
NW	373.0	400		Maastricht/Beek			N51 01 10	E005 52 42	JO21WA	6116	3800	50
NW NW	625.0 805.0		CIV	Ostafevo			N55 31 00 N48 16 00	E037 31 00 E025 59 00	KO85SM KN28XG	7502 7478	4661 4647	33 44
NWA	359.0			Chernovtsy Nowra			S34 57 04	E150 31 47	QF55GB	15673	9739	
NWB	288.0			Nuwibaa			N29 01 56	E034 40 16	KL79IA	9524	5918	53
NWH	414.0	1020	mil	Walnut Hill/Navy	FL		N30 50 00	W087 31 00	EM60FT	1614	1003	
NWI	342.5	400		Norwich		G	N52 40 36	E001 17 36	JO02PQ	5751	3573	50
NWN	233.0	1020	OIV	Newman		AUS	S23 25 05	E119 47 50	OG96VN	17138	10649	
NX	320.0		mar	Domel/Paranaguá		В	S25 29 38	W048 19 44	GG54UM	8314	5166	
NX	365.0			Jambi		INS	S01 37 52		OI18TI	15312	9515	
NXO	326.0		civ	Naxos		GRC	N37 04 54	E025 22 12	KM27QB	8280	5145	53
NXX	388.0	1020	mil	Willow Grove	PA	USA	N40 11 21	W075 08 43	FN20KE	545	339	138
NY	255.0			Warukin		INS	S02 13 34	E115 27 55	OI77RS	15161	9420	338
NY	289.0			Niamey		NGR	N13 28 52	E002 09 21	JK13BL	8315	5167	86
NY	321.0			Nyamandhlovu/J M Nkomo		ZWE	S19 51 30	E028 16 18	KH40DD	12920	8028	93
NY	350.0	400	civ	Enderby	BC	CAN	N50 39 00	W118 55 32	DO00MP	3040	1889	298
NY	388.0			Nyeri		KEN	S00 23 10	E037 00 03	KI89MO	12129	7537	71
NY	465.0			Nylstroom		AFS	S24 41 30	E028 21 36	KG45EH	13264	8242	97
NYa	298.0		civ	Nyagan				E065 37 06	MP22TD	7841	4872	17
NYA	414.0	400		Ny-Ålesund				E011 51 23	JQ58WW	5281	3282	15
NYK	306.0			Nanyuki			S00 04 10	E037 00 03	KI89MW	12104	7521	71
NYN	404.0			Nyngan			S31 33 08	E147 11 41	QF38OK	15750	9786	
NZ	306.5		mar	Mys Nizmennyy				E135 31 00	PN73SM	9719	6039	
NZ	330.0			Banda Aceh				E095 25 12	NJ75RM	14509	9015	7
NZ	330.0			Ust-Labinsk				E039 40 00	KN95UF	8453	5253	39
NZ	350.0		CIV	Nyazepetrovsk				E059 35 00	LO96TB	8282	5146	22
NZ NZ	373.0			Norton			S17 53 44	E030 40 55	KH52IC	12973	8061	89 08
NZ NZ	382.0		ois r	Nzerekore Miravi				W008 42 30	IJ57PT	7870 8148	4890	98 354
NZ NZ	385.0 450.0			Mirnyj Nizhpevartovek				E113 57 18	OP62XM	8148 8177	5063 5081	
NZ NZ	450.0 475.0			Nizhnevartovsk Havrahad				E076 33 06 E067 53 00	MP80GX MM38WE	8177 10342	5081 6426	12 25
NZ NZ	475.0 750.0	1020		Hayrabad Dorokhovo				E036 39 00	KO87HR	10342 7290	4530	25 32
NZ NZ	1615.0	1020	CIV	Nadzab				E146 42 20	QI33IK	13918	8648	
NZD	377.0	1020		UNID		?	300 04 00	L 170 72 20	QIOOII\	10010	0070	233
0	250.0		civ	Chkalovskoe		RUS						
•	200.0		OIV	- Time to to to to to to to to to to to to to								

0-11	1-12-	I I e	_	0444:	0.5	17.1	1 -4	1	1 1	I lect I		0
Call O	<b>kHz</b> 251.0	Hz	T	Station	S/P	ITU	N44 32 00	<b>Long</b> E129 34 01	Loc PN44SM	<b>km</b> 9797	<b>mi</b> 6088	340
		1000	ois r	Hailang								
0	285.0 286.0	1020	civ civ	Szczecin/Goleniow Gostomel/Antonov			N53 34 18	E014 55 48 E030 12 30	JO73LN KO50CN	6504 7535	4042 4682	44 40
0	290.0		civ	Tripoli/Oscar		LBY		E013 09 36	JM62NP	7772	4829	64
0	295.0		CIV	O			N25 03 55	E121 37 55	PL05TB	12073	7502	
0	300.0			Santa Rosa				W064 16 12	FF73UK	9042	5618	168
0	301.0			Tacheng			N46 39 30	E083 22 18	NN16QP	9832	6109	12
0	303.0		mar	Tarifa		E	N36 00 06	W005 36 30	IM76EA	6161	3828	71
0	311.0			UNID		?						
0	320.0		civ	Moscow/Domodedovo		RUS	N55 23 12	E037 54 54	KO85WJ	7530	4679	33
0	340.0	400	civ	Oulu		FIN	N64 56 27	E025 18 45	KP24PW	6314	3923	29
0	358.0		civ	Stavropol/Shopakovskoye		RUS	N45 06 12	E042 05 06	LN15BC	8585	5334	38
0	370.0	1020	joi	Murcia/San Javier		Ε	N37 45 43	W000 49 45	IM97OS	6413	3985	67
0	385.0		civ	Osh		KGZ	N40 37 00	E072 46 30	MN60JO	10241	6364	21
0	385.0		civ	Oradea		ROU	N47 03 00	E021 55 00	KN07XB	7332	4556	47
0	399.0	400	civ	Rovaniemi		FIN	N66 32 30	E025 47 30	KP26VN	6235	3874	28
0	408.0	400	civ	Seinäjoki		FIN		E022 48 48	KP12JQ	6347	3944	32
0	422.0		mil	Szolnok/Opera			N47 08 18	E020 14 42	KN07CD	7227	4491	48
0	430.5			Capital			N40 05 49	E116 35 37	ON80HC	10564	6564	348
0	441.0	1020	CiV	Kärdla		EST		E022 50 40	KO18KX	6580	4089	36
0	520.0		<b>-</b> :	Ortol				E035 45 00	KO73VA	7622	4736	36
0	526.0			Gorna Oryahovitsa				E025 44 27	KN23UD	7843	4874	48
0	572.0 595.0		civ civ	St. Petersburg/Pulkovo Moscow/Vnukovo				E030 17 30 E037 18 24	KO59DS KO85PO	6863 7486	4265 4651	33 33
0	640.0		civ	Kiev/Borispol				E030 54 17	KO50KH	7591	4717	40
0	650.0		civ	Lviv			N49 49 39	E023 56 01	KN19XT	7252	4506	44
0	668.0		civ	Bryansk				E034 10 00	KO73CF	7528	4678	36
0	681.0			Khatanga				E102 26 00	OQ11FW	7154	4445	359
0	697.0						N48 01 25	E033 12 26	KN68OA	7889	4902	41
0	722.0		civ	Saratov/Tsentralny		RUS	N51 34 00	E046 03 00	LO31AN	8204	5097	32
0	780.0		civ	Orsk		RUS	N51 04 42	E058 37 54	LO91HB	8733	5427	25
0	795.0			Donetsk		UKR	N48 04 25	E037 46 24	KN88VB	8119	5045	38
0	825.0		civ	Cherepovets		RUS	N59 15 36	E037 59 30	KO89XG	7225	4489	30
0	973.0		civ	Mary-1		TKM						
0	996.0		civ	Kogalym			N62 10 30	E074 32 00	MP72GE	8018	4982	12
OA	261.0	1020	civ		NC			W077 42 16	FM14DS	1027	638	171
OA	270.0			Ministro Pistarini			S34 53 25	W058 30 22	GF05RC	8979	5579	163
OA	282.0		mıl	Szolnok/Opera			N47 09 48	E020 15 36	KN07DD	7226	4490	48
OA	290.0		mar	UNID		?	NE1 20 00	T156 20 00	000151	0140	E062	227
OA OA	297.5 309.5			Ozernyy-Zapadnyy Mys Omskiy				E156 29 00 E046 30 06	QO81FL LP36GU	8149 6901	5063 4288	21
OA	330.0		IIIai	Samah/Warehouse 59L				E019 05 45	JL98ND	8528	5299	64
OA	332.0		civ	Khatanga				E102 18 24	OQ11DW	7156	4446	
OA	337.0			Marmul				E055 14 00	LK78OE	11737	7293	44
OA	338.0	400		Jönköping		S		E014 07 00	JO77BT	6216	3863	40
OA	342.0			Algiers/Houari Boumedienne				E003 21 48	JM16QS	6782	4214	66
OA	358.0			Rangiroa		OCE	S14 57 21	W147 39 38	BH65EB	9488	5896	244
OA	382.0			Ondangwa		NMB	S17 52 58	E015 56 50	JH72XC	11794	7328	99
OA	395.0	400	civ	Amsterdam/Schiphol/Assendelft		HOL	N52 28 12	E004 45 12	JO22JL	5972	3711	49
OA	402.0	0		Ouvea		NCL	S20 38 32	E166 34 19	RG39GI	13477	8374	271
ÖA	480.0			UNID		?						
OAG	364.0			UNID		?						
OAN	385.0		mil	Orleans/Bricy		F		E001 46 07	JN08VA	6014	3737	55
OAS	250.0	1020		Canoas		В		W051 08 14	GG40KB	8670	5387	
OAS	360.0			Andoas			S02 49 49	W076 27 19	FI17SE	5184	3221	176
OAS	410.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
OAX	270.0	1020	-	Oaxaca	0		N16 59 08	W096 43 56	EK16PX	3398	2111	214
OAY	263.0	1020	civ	Moses Point/Norton Bay	AK	USA	N64 41 46	W162 03 47	AP84XQ	5376	3340	325
ОВ	261.0			Giallo/Warehouse 59E		LBY	N28 41 00	E021 25 00	KL08RQ	8655	5378	62
ОВ	290.0		civ	Moscow/Vnukovo		RUS	N55 36 42	E037 21 06	KO85QO	7487	4652	33
ОВ	293.0	1020	joi	Brussels National		BEL	N50 55 13	E004 36 59	JO20HW	6043	3755	51
ОВ	325.5			Obihiro		J	N42 39 22	E143 15 26	QN12PP	9519	5915	330
ОВ	330.0			San Carlos de Bariloche		ARG	S41 07 27	W071 14 55	FE48JV	9452	5873	174
ОВ	330.0	1020	civ	Bratislava/M. R. Stefanik/South		SVK	N48 06 53	E017 17 54	JN88PC	6985	4340	48
ОВ	362.0	1020	civ	Cork		IRL	N51 45 18	W008 26 26	IO51SS	5174	3215	54
ОВ	380.0			Huairou			N40 17 00	E116 32 00	ON80GG	10545	6552	
ОВ	395.0	0	civ	Marseille/Provence/Obane		F		E005 39 56	JN23TF	6545	4067	58
ОВ	427.5			Overberg		AFS	S34 35 44	E020 17 05	KF05DJ	13288	8257	111
OB	436.0			UNID		?	NI40 40 00	E005 50 00	KNIOOVO	7.470	4047	4.4
OBA	805.0	1000	i	Chernovtsy				E025 59 00	KN28XG JP10JL	7478 5507	4647 3422	44 40
OBA OBD	353.0 279.0	1020		Oseberg A El Obeid		IW SDN	N60 29 29 N13 09 24	E002 49 29 E030 14 20	KK53CD	10523	6539	40 67
OBI	280.0		CIV	Pietermaritzburg		AFS	S29 36 37	E030 14 20	KG50EJ	13752	8545	100
OBI	429.0		nri	Oberpfaffenhofen		D	N48 04 50	E011 17 07	JN58PB	6619	4113	51
ОВО	325.0		рп	Robore			S18 19 44	W059 45 55	GH01CQ	7176	4459	159
OBR	355.0		civ	Belgrade/Obrenovak			N44 38 35	E020 08 19	KN04BP	7394	4594	50
OC	235.0		0.1	Xingtang				E114 33 24	OM78GK	10776	6696	
ОС	253.0			Ozuki		J	N34 02 51		PM54MB	10838	6734	
ОС	253.0	1020	civ	Nacogdoches/Nados	TX	USA	N31 29 08	W094 43 13	EM21PL	1920	1193	
ОС	260.0	1020		Bahia Blanca/Comandante Espora		ARG	S38 39 06	W062 10 54	FF81VI	9306	5782	167
ОС	260.0			Comodoro Rivadavia		ARG	S45 46 29	W067 21 52	FE64HF	10005	6217	172
ОС	312.5		mar	Mys Lovtsova/Ostrov Kunashir		RUS	N44 27 30	E146 33 54	QN34GK	9211	5724	329
ОС	320.0		civ	Legostayevo		RUS	N54 38 00	E083 49 00	NO14VP	8971	5575	10
ОС	330.0			Corrientes/Ministro Pistarini		ARG	S34 48 17	W058 38 00	GF05QE	8967	5572	163
ОС	342.0			Berdyansk		UKR	N46 49 00	E036 46 00	KN86JT	8171	5077	40
ОС	343.0	1020				IRL	N51 54 20	W008 31 46	IO51RV	5163	3208	54
ОС	346.0	0	mil	Cognac/Châteaubernard		F		W000 09 48	IN95WR	6004	3731	58
ОС	350.0	4000		Semarang		INS	S06 58 56	E110 22 35	OI53EA	15804	9820	
OC	423.0	1020		Ocala/Jumpi	FL		N29 03 23	W082 13 23	EL89VB	1665	1035	
OCC OCh	385.0 625.0	1020	CIV	Yakutat/Ocean Cape Krasnodar-Centr.	AK	RUS	N59 32 37 N45 05 00	W139 43 41 E038 57 00	CO09DN KN95LB	4332 8428	2692 5237	315 40
OCH	387.0			UNID		?	1145 05 00	L036 37 00	KINSSED	0420	3231	40
OCH	395.0			UNID		: ?						
OCQ	388.0	1020	civ	Oconto	WI		N44 52 33	W087 54 45	EN64BV	682	424	282
OCT	340.0	.020		October/6th of October City	•••		N29 48 40	E030 49 49	KL59JT	9210	5723	55
OD	202.0			Sanyuan				E108 55 00	OM44LO	11271	7003	353
OD	262.0	1020		Woodend				E172 42 04	RE66IP	14390	8942	244
OD	265.0			Odienne		CTI	N09 32 57	W007 32 55	IJ69FN	7831	4866	96
OD	300.0			Tandil		ARG	S37 09 30	W059 13 18	GF02JU	9206	5720	164
OD	309.5	0	mar	Odesskiy/Mys Bol'shoy Fontan		UKR	N46 22 48	E030 44 54	KN56IJ	7885	4900	43
OD	322.0	400	civ	Örnsköldsvik		S	N63 26 18	E018 53 30	JP93KK	6135	3812	33
OD	325.0		civ	Bryansk				E034 10 06	KO73CG	7526	4677	36
OD	335.0			Perak		INS	S07 12 54	E112 43 23	Ol62IS	15772	9800	340
OD	338.0			UNID		?						
OD	348.0			Odesa/Central	14/4			E030 39 28	KN56HL	7873	4892	43
ODD	224.0	400		Seattle/Dondo	WA			W122 18 32	CN87UI	3321	2064	
ODD	365.0	400	CIV	Harstad/Narvik/Evenes/Odden				E016 07 23	JP88BJ	5773	3587	28
ODI ODR	339.0 372.0	400	ois e	Olsztyn Kristiansand/Kiovik/Oddorgy				E020 29 00 E007 59 57	KO03FS JO48XD	6795 5879	4222 3653	42 42
ODK	372.0 356.0	400 1020		Kristiansand/Kjevik/Odderøy Ord	NE			W098 56 53	EN01MO	1611	1001	
OE	316.0	400		Dublin	INE		N53 25 49	W006 25 44	IO63SK	5240	3256	∠00 51
OE OE	348.0	700		Odesa/Central				E030 41 53	KN56IJ	7883	4898	43
<del>-</del>	5-10.0		J. V	- 400ai Oomaa		51414	22 73	_000 +1 00	10010	, 500	,000	40

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
OEA	251.0	1020		Vincennes	IN		N38 41 29	W087 33 19	EM68FQ	890	553	232
OEA	466.0	1020		UNID		?	1100-7120	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_IVIOOI Q	000	555	202
OEG	413.0	1020	mil		ΑZ		N32 51 18	W114 26 30	DM22SU	3263	2028	260
OEL	380.0	1020		Oakley	KS		N39 06 45		DM99OC	1855	1152	261
OEM	363.0	400	joi	Kristianstad/Everöd		S		E014 06 10	JO75BX	6318	3926	42
OEO	233.0	1020	,	Osceola	WI			W092 41 17	EN35PH	1061	659	283
OF	270.0			Yogyakarta		INS	S07 47 04		OI52FF	15890	9873	344
OF	325.0	400	civ	Filton		G		W002 35 25	IO81QM	5560	3455	52
OF	340.0			Bantaji		CHN		E118 34 54	OM92GP	11332	7041	
OF	510.0	1020	civ	Norfolk/Carsy	NE		N41 53 16		EN11GV	1486	923	268
OF	514.0			Chkalovskoe		RUS						
OFZ	388.0	1020	mil	Trail/Fort Sill (Army)	OK		N34 46 53	W098 24 08	EM04TS	1914	1190	245
OG	315.0			Sollefteå		S	N63 36 42	E017 05 12	JP83NO	6047	3758	33
OG	325.0	400	•	Gällivare		S		E020 57 07	KP07LC	6020	3741	28
OG	326.0	400		Gävle/Sandviken		S	N60 39 49	E016 57 15	JP80LP	6201	3853	36
OG	358.0	1020	-	Ogdensburg	NY	USA	N44 42 00	W075 21 00	FN24HQ	340	211	73
OG	430.0	400*		Onega		RUS	N63 55 00	E038 07 00	KP93BW	6867	4267	26
OG	554.0		enr	Russky Kameshkir		RUS	N52 51 00	E046 05 00	LO32BU	8092	5028	31
OGM	375.0	1020			MI	USA	N46 51 01	W089 21 54	EN56HU	842	523	296
OGY	414.0	1020	civ	New York/Bridge	NY	USA	N40 34 05	W073 52 59	FN30BN	590	367	127
ОН	218.0	1020		Ohakea		NZL	S40 12 06	E175 23 35	RE79QT	14027	8716	246
ОН	239.0			Tokachi		J	N42 53 59	E143 09 30	QN12NV	9500	5903	330
ОН	291.5		mar	Ostrov Kharlov/Sem' Ostrovov		RUS	N68 48 34	E037 19 30	KP88PT	6475	4023	22
ОН	305.0			Lahta		RUS	N64 23 00	E040 44 00	LP04IJ	6922	4301	25
ОН	339.0		iw	Conoco Viking AR		IW	N53 32 03	E002 15 22	JO13DM	5769	3585	49
ОН	340.0			Ambon		INS	S03 42 50	E128 05 27	PI46BG	14801	9197	321
ОН	367.0			Oudtshoorn		AFS	S33 36 06	E022 11 09	KF16CJ	13368	8307	109
ОН	368.0	1020	civ	Chicago/Leama	IL	USA	N42 04 09	W087 59 27	EN62AB	725	450	257
ОН	427.0		civ	Saratov/Tsentralny		RUS	N51 35 30	E045 59 06	LO21XO	8199	5094	32
OHE	214.0	1020	civ	Monahans	TX	USA	N31 34 41	W102 54 19	DM81NN	2464	1531	244
OHI	426.0			UNID		?						
OHT	370.0	400	civ	Stockholm/Arlanda		S	N59 34 26	E017 53 25	JO89WN	6307	3919	37
OHY	400.0	1020	civ	Cordele/Coney	GA	USA	N31 59 50	W083 51 46	EM81BX	1376	855	198
OI	260.0	1020		Pangkal Pinang		INS	S02 09 42	E106 08 30	OI37BU	15348	9537	352
OI	305.0	1020	civ	S. Sioux City/Tommi	NE	USA	N42 27 37	W096 27 44	EN12SL	1389	863	269
OI	350.0	1020		Ono-I-Lau		FJI	S20 39 12	W178 44 30	AG09PI	12302	7644	261
OI	490.0	1020		UNID		?						
OI	518.0	1020		Nezhin		UKR	N51 05 00	E031 52 00	KO51WB	7581	4711	39
OIA	340.0			Oiapoque		В		W051 47 52		5202		
OIN	341.0			Oberlin	KS			W100 32 16	DM99RT	1802	1120	
OIP	410.0	1020		Eastland/Old Rip	TX			W098 48 37	EM02OJ	2114	1314	
OJ	239.0	400	civ	High Level	AB			W117 07 17	DO18KN	3036	1887	
OJ	281.0			Okondja				E013 46 58	JI69VH	10325	6415	88
OJ	300.0	400		Es Sider				E018 21 05	JM90EP	8291	5152	62
OJ	315.0			Jujuy				W065 03 19	FG75LM	7710	4791	
OJ	375.0			Hasanuddin				E119 31 08	OI94SW	15323	9521	
OJ	403.0	400	civ	Jönköping		S		E014 01 54	JO77AQ	6219	3865	40
OJ	526.0	1020		Olathe/Furor	KS			W094 44 16	EM28PW	1389		252
OJA	272.0	1020		Weatherford	OK			W098 40 14	EM05PM	1885	1171	
OK	254.0	1020		Oakey				E151 44 14	QG52UN	15128	9400	
OK	306.5		mar	Ostrov Kolguyev North Tr		RUS		E049 07 00	LP49NM	6750	4194	18
OK	308.0			Okinawa		J		E127 39 54	PL36TC	11777	7318	
OK	310.0			Smolensk			N54 50 00	E032 02 00	KO64AT	7304	4539	36
OK	333.0			UNID		?	0046005	E045.00.56		40=	00==	
OK	340.0			Kinshasa Ndjili				E015 30 58	JI75SP	10742	6675	90
ок	345.0			Okitipupa		NIG	NU0 30 02	E004 49 57	JJ26JM	9056	5627	89

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi l	0
OK	364.0	1020	joi	Keflavik	3/1	ISL	N64 02 58	<b>Long</b> W022 36 18	HP84QB	<b>km</b> 4154	<b>mi</b> 2581	37
OK	378.0		•	Pleshchenitsy			N54 25 00	E027 50 00	KO34WK	7131	4431	38
OK	382.0	U	CIII	Boke		GUI	N10 57 21	W014 18 24	IK20UW	7186	4465	99
OK	385.0			Kupang		INS	S10 10 01	E123 40 28	PH19UT	15657	9729	323
OK	388.0	1020	civ	Okmulgee/Preso	OK		N35 45 19	W095 56 55	EM25AS	1672	1039	
OK	398.0	1020		Connaught	Oit	IRL	N53 55 26	W008 41 59	IO53PW	5080	3157	51
OK	406.0	1020	civ		OK			W000 41 33 W097 36 20	EM15EL	1810	1125	245
OK	415.0	1020		Osijek	Oit			E018 50 36	JN95KK	7258	4510	50
OK	439.0		OIV	UNID		?	1140 27 10	2010 00 00	ONOON	7200	4010	00
OK	480.0		civ	Mary-1		TKM						
OK	564.0	1020		Lyskovo			N56 00 00	E045 02 00	LO26MA	7775	4831	29
OKI	371.0	.020	0.1	UNID		?	1100 00 00	2010 02 00	LOZOMIT	1110	1001	
OKI	378.0	1020	enr	Stúrovo			N47 49 42	E018 41 13	JN97IT	7087	4404	48
OKR	391.0	1020		Bratislava/M. R. Stefanik/North			N48 13 26	E017 17 25	JN88PF	6977	4336	48
OKS	233.0	1020		Oshkosh	NE			W102 21 03	DN81TJ	1892	1175	
OKT	350.0	1020	civ		TX		N29 18 43	W097 08 19	EL19KH	2254	1400	
OKT	371.0			Kortrijk/Wevelgem			N50 49 27	E003 13 30	JO10OT	5961	3704	51
OKT	378.0			UNID		?						
OKT	1632.0	1020		Ok Tedi		PNG	S05 24 36	E141 19 07	QI04PO	14184	8813	305
OKZ	212.0	1020	civ	Sandersville/Kaolin	GA	USA	N32 57 53	W082 50 18	EM82NX	1249	776	195
OL	195.0			Isahaya		J	N32 48 15	E130 02 00	PM52AT	11001	6836	335
OL	275.0			Esquel		ARG	S42 52 23	W071 04 15	FE47LD	9647	5994	174
OL	276.0			Lubumbashi		ZAI	S11 38 06	E027 25 18	KH38RI	12251	7612	87
OL	320.0	400	pri	Lycksele		S	N64 29 48	E018 48 36	JP94JL	6074	3774	32
OL	326.0		pri	Ghaba		OMA	N21 18 00	E057 05 00	LL81NH	11542	7172	41
OL	339.0	1020	civ	Shannon		IRL	N52 44 56	W008 49 26	IO52OR	5113	3177	53
OL	340.0			Salta		ARG	S24 53 53	W065 32 29	FG75FC	7748	4815	167
OL	346.0			Harare		ZWE	S17 59 39	E031 01 39	KH52MA	13008	8083	89
OL	361.0		joi	Cairo			N30 09 39	E031 28 48	KM50RD	9224	5732	54
OL	365.0			Balikpapan		INS		E116 54 40	OI88KR	15013	9328	337
OL	375.0			Manila		PHL	N14 32 47	E121 05 14	PK04NN	13207	8206	337
OL	377.0	400	joi	Luleå/Kallax		S	N65 36 08	E021 59 19	KP05XO	6143	3817	30
OL	384.0	4000		Staryj Oskol				E037 46 00	KO81VH	7853	4879	36
OL	397.0	1020		Szczecin/Goleniow		POL	N53 33 18	E014 57 37	JO73LN	6507	4043	44
OL OL	415.0 490.0	400		Linköping/Saab		S RUS	N58 22 48 N62 08 48	E015 48 24 E074 31 06	JO78VJ MP72GD	6272 8021	3897 4984	39 13
OL	615.0			Kogalym Ishim			N56 08 00	E069 25 00	MO46RD	8541	5307	17
OL	905.0			Akkol				E070 45 00	MN53JK	9891	6146	21
OLA	405.0		CIII	Olavarria				W060 13 44	FF93VC	9155	5688	165
OLD	272.0	1020	civ	Old Town/Milford	ME			W068 38 00	FN55QA	870	540	78
OLD	380.0	1020	OIV	Olinda/Recife		В	S08 02 19	W034 57 07	HI21MX	7288	4529	130
OLF	404.0	1020	civ	Wolf Point	МТ			W105 36 07	DN78EC	2068	1285	
OLG	388.0			Solon Springs	WI			W091 48 50	EN46CH	1008		290
OLM	400.0			Olmedo				W078 03 38	FJ00XD	4846	3011	
OLR	290.0	1020		Chickasha	OK			W097 58 18	EM15AC	1861	1157	
OLT	346.0			Soldotna	AK		N60 28 30	W150 52 44	BP40NL	4933	3065	
OLV	275.0	1020	civ		MS	USA	N34 58 46	W089 47 24	EM54CX	1329		225
OLY	272.0			Olney	IL			W088 10 22	EM58VR	928		235
OLZ	260.0	1020		Oelwein	IA			W091 58 35	EN42AQ	1024	636	
OM	260.0	1020		Mar del Plata		ARG	S37 56 00	W057 35 00	GF12EB	9327	5795	163
ОМ	308.5	400	civ	Honningsvåg/Valan/Helnes		NOR	N71 03 43	E026 13 22	KQ31CB	5984	3718	23
ОМ	311.0			UNID		?						
OM	320.0	1020	civ	Omaha/Gerfi	NE	USA	N41 22 01	W095 57 23	EN21AI	1380	857	264
OM	353.0			Ominato		J	N41 14 30	E141 08 43	QN01NF	9741	6053	331
OM	385.0			Pondicherry		IND	N11 58 05	E079 48 55	MK91VX	13474	8372	24
OM	405.0			Volgograd/Marinovka		RUS	N48 38 00	E043 48 00	LN18VP	8361	5195	35

Call		U_ 1	_	Ctation	C/D	1711	1 -4	Lann	1.00	leres	ma!	0
Call	457.0	Hz	Т	Station  Machulishchi	S/P	BLR	Lat	<b>Long</b> E027 22 00	Loc KO33QT	7151	<b>mi</b>	
OM	457.0 520.0	1000		UNID		BLR ?	1100 49 00	EU21 22 UU	NUSSQI	7151	4443	39
OM OM	520.0 615.0	1020 400	iw	Dab Duc Gorm G-A		IW	N55 24 40	E004 45 33	JO25JN	5821	3617	45
OM	615.0	400	iw	Dab Duc Gorm G-A  Dab Duc Gorm G-C		IW		E004 45 36	JO25JN JO25JN	5821	3617	45 45
ÖM	304.0	+00	IVV	UNID		?	1100 04 40	L00+ 45 50	JUZJJIN	JUZ I	5017	+3
OMD	348.0		mil	Omidiyeh		i IRN	N30 50 56	E049 32 00	LM40SU	10245	6366	42
OMK	219.0	1020		Omak	WA			W119 31 01	DN08FK	3098	1925	294
OMK	422.0	1020	011	UNID	**/	?	1140 27 12	***************************************	BINOOFIX	0000	1020	201
OMO	360.0			Ocamo			N02 46 58	W065 13 01	FJ72JS	4766	2962	159
OMW	323.0			UNID		?						
ON	279.0	1020		Springfield/Robertson County/Music	TN	USA	N36 26 56	W086 59 37	EM66MK	1046	650	220
ON	305.0			El Tepual		CHL	S41 27 38	W073 05 41	FE38KM	9475	5888	175
ON	324.0	400	civ	Norrköping/Kungsangen		S	N58 35 06	E016 23 06	JO88EO	6289	3908	39
ON	332.0			Presidente Peron		ARG	S38 57 00	W068 15 28	FF51UB	9244	5744	171
ON	339.0		iw	Conoco/Viking Bravo Delta		IW	N53 26 48	E002 19 55	JO13DK	5778	3590	49
ON	350.0	1020	civ		OR	USA	N44 40 34	W124 03 55	CN74XQ	3517	2185	287
ON	356.0	1020	civ	Okanagan Falls/Penticton	BC	CAN	N49 20 33	W119 34 08	DN09FI	3093	1922	296
ON	375.0			Medan		INS	N03 34 06	E098 40 23	NJ93IN	14744	9161	3
ON	398.0			Erabu		J	N27 25 48	E128 42 29	PL47IK	11603	7210	335
ON	415.0	0	civ	Oran/Es Senia		ALG	N35 42 54	W000 21 06	IM95TR	6574	4085	69
ON	520.0			Olekminsk		RUS	N60 24 18	E120 33 36	PP00GJ	8301	5158	350
ON	652.0			Peski/Peschanka				E028 52 00	KN48KE	7643	4749	43
ONC	323.0	1020	civ	Charleroi/Gosselies				E004 33 19	JO20GL	6062	3767	51
ONH	515.0	1020		•	MO			W092 14 42	EM38VP	1219	757	246
ONL	290.0		-	Liege/Bierset				E005 32 57	JO20SQ	6112	3798	51
ONO	305.0			Ontario	OR			W117 00 30	DN14LA	2988	1856	284
ONO	399.5	1020	civ			BEL	N51 13 03	E002 59 47	JO11LF	5927	3683	51
ONT	378.0	4000	.,	UNID		?	NE4 40 40	E005 00 07	100405	0000	0700	
ONT	431.0	1020		Kleine Brogel				E005 33 27	JO21SF	6086	3782	50
ONW	355.0	1020		Antwerpen/Deurne	TV			E004 33 59	JO21GE	6027	3745	50
ONY	272.0			Olney	TX			W098 48 58	EM03OI	2044	1270	242
00 00	265.0 303.5	U	CIV	Oran/Es Senia UNID		ALG ?	N35 43 00	W000 21 00	IM95TR	6574	4085	68
00	369.0	400	civ	Örnsköldsvik		r S	NI63 22 19	E019 08 12	JP93NI	6150	3821	33
00	375.0	1020	civ	Oostende				E002 54 00	JO11KE	5922	3679	51
00	391.0			Oshawa	ON			W078 54 01	FN03NW	45	28	86
00	520.0	400	CIV	Shaykovka	OIN			E034 22 00	KO74EF	7460	4636	36
00	525.0			UNID		?	140 17-00	_00+ ZZ 00	NOT TEL	, 400	<del>-</del> 5500	50
00	652.0			UNID		?						
ÖÖ	458.0	1020		UNID		?						
OOA	414.0	1020	civ		IA		N41 13 32	W092 29 15	EN31SF	1109	689	259
OOD	308.0			Oodnadatta	•			E135 26 30	PG72RK	16417	10201	
ООМ	227.0			Moomba				E140 11 57	QG01CV	16088	9997	
OP	260.0	1020		Aeroparque Jorge Newberry				W058 29 12	GF05SL	8940		
OP	270.0			Palu				E119 54 17	OI99WB	14875	9243	333
OP	330.0			General Urquiza			S31 43 24		FF98SG	8593	5340	164
OP	339.0	1020	civ	Thomaston/Yates	GA	USA	N32 55 09	W084 11 14	EM72VW	1286	799	200
OP	360.0	400	civ	Kiruna		S	N67 53 15	E020 27 10	KP07FV	5960	3703	28
OP	390.0			Opuwa		NMB	S18 03 04	E013 50 35	JH61WW	11640	7233	101
OP	397.0	400	civ	Dublin		IRL	N53 24 50	W006 08 18	IO63WJ	5259	3268	51
OP	402.0	1020	joi	Brussels National		BEL	N50 56 24	E004 35 36	JO20HW	6041	3753	51
OP	730.0	1020	civ	Stavropol/Shopakovskoye		RUS	N45 05 48	E042 03 00	LN15AC	8583	5334	38
OPA	334.0	400	civ	Oslo/Gardermoen/Oppaker		NOR	N60 12 15	E011 31 12	JP50SE	5961	3704	38
OPE	349.0		civ	Bucharest/Otopeni		ROU	N44 34 29	E026 12 41	KN34CN	7764	4825	47
OPL	335.0	1020	civ	Opelousas/Saint Landry	LA			W092 05 54	EM30WP	1844	1146	221
OPW	267.5	1020	civ	Bucharest/Otopeni		ROU	N44 33 28	E025 59 05	KN24XN	7752	4817	47

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
OPZ	356.0	1020		Lopez Island	WA		N48 28 45	W122 55 16	CN88ML	3348	2080	294
OQ	219.0	1020	0.1	Indianapolis/Brinn	IN			W086 24 28	EM69TO	748	465	233
OQ	295.0	1020		Padang	•	INS		E100 21 26	OI09EB	15244	9472	0
OQ	367.0		iw	Elf/Frigg Quebec Papa		IW		E002 03 49	JO19AV	5490	3411	41
OQK	414.0		civ	Noatak	AK		N67 34 19		AP87MN	5328	3311	329
OQW	386.0	1020	0.1	Maquoketa	IA		N42 03 05	W090 44 27	EN42PB	942	585	261
OR	196.0	.020		Beijing	., .			E116 35 23	ON80HC	10561	6563	348
OR	221.0			Orlando/Herny	FL		N28 30 26	W081 26 03	EL98GM	1717	1067	187
OR	230.0			Bali	. –	INS	S08 44 39	E115 10 27	OI710G	15861	9856	336
OR	280.0			Warehouse 59A/Waha		LBY		E019 56 12	JL98XH	8579	5331	63
OR	284.0		joi	Cairo		EGY		E031 19 23	KM50PB	9224	5731	55
OR	288.0		•	Punta del Llobregat		E		E002 09 12	JN11BH	6415	3986	62
OR	291.5			Russkiy/Ostrov Bol'shoy Oleniy				E036 21 00	KP89EB	6425	3992	22
OR	295.0			Orapa				E025 18 05	KG28PR	12782	7943	96
OR	306.5		mar	Mys Ostrovnoy				E133 43 23	PN62UT	9851	6121	336
OR	322.0			Rio Cuarto			S33 08 54	W064 19 12	FF76UU	8669	5386	167
OR	329.0	1020	civ	Norfolk/Ingle	VA		N36 50 26		FM16UU	829	515	160
OR	348.0	.020	0	Borisoglebsk	• • • •		N51 22 00		LO11CI	8052	5003	34
OR	380.0			Ormara				E064 35 21	ML25HG	11517	7157	33
OR	385.0		civ	Orsk				E058 40 12	LO91IB	8734	5427	25
OR	394.0	1020		Chicago/Chstr	IL		N42 03 21		EN52XB	726	451	257
OR	438.0	1020	civ	Kirov/Pobedilovo				E049 21 00	LO48QM	7717	4795	26
OR	440.0	1020		Rzeszów/Jasionka				E021 59 12	KO00XC	7123	4426	44
OR	486.0			Kzyl-Orda				E065 36 00	MN24TQ	9601	5966	24
ORA	285.0			Oran		ARG	S23 08 58	W064 19 27	FG76UU	7582	4711	165
ORA	418.0	1020	civ	Oradea			N47 06 01		KN07XC	7329	4554	47
ORB	341.0	1020	civ	Orr	MN	USA	N48 01 06	W092 51 41	EN38NA	1134	704	299
ORC	521.0	1020		Orange City	IA	USA	N42 59 29	W096 03 38	EN12XX	1346	836	272
ORE	205.0		civ		MA		N42 33 38	W072 12 04	FN32VN	608	378	102
ORG	211.0	1020	civ	Orange	TX	USA	N30 04 13	W093 47 42	EM30CB	1990	1236	224
ORG	328.0	0	mil	Orange/Caritat		F	N44 08 54	E004 51 26	JN24KD	6435	3999	58
ORG	424.0			Orange		AUS	S33 22 59	E149 07 28	QF46NO	15700	9756	269
ORH	315.0	1020		Ourinhos		В	S22 58 25	W049 54 44	GG57BA	7995	4968	151
ORI	376.5	1020	civ	Bergamo/Orio al Serio		- 1	N45 38 38	E009 50 30	JN45WP	6676	4148	54
ORI	442.5			Pietermaritzburg		AFS	S29 33 35	E030 26 55	KG50FK	13753	8546	100
ORI	1635.0			Orito		CLM	N00 40 00	W076 49 00	FJ10OQ	4796	2980	176
ORJ	258.0	1020	civ	Corry	PA	USA	N41 54 45	W079 38 54	FN01EV	221	137	184
ORJ	344.0			UNID		?						
ORN	394.0			UNID		?						
ORN	420.0			UNID		?						
ORS	322.0		civ	Orléans/StDenis-de l'Hôtel		F		E002 14 36	JN17CW	6048	3758	55
ORW	402.0	400	civ	Paris/Orly		F	N48 40 24	E002 11 00	JN18CQ	6005	3732	54
ORZ	384.0		civ	Ouarzazate		MRC	N30 55 38	W006 52 57	IM60NW	6376	3962	77
os	241.0			Tongjingchang				E106 50 42	OL39KU	11814	7341	354
os	278.0	1020	civ	Los Angeles/Romen	CA	USA	N33 57 52	W118 16 41	DM03UX	3505	2178	265
os	346.0			UNID		?						
os	360.0	400	mil	Göteborg/Säve		S		E011 52 44	JO57WT	6101	3791	41
os	369.0		civ	Skellefteå		S		E021 14 36	KP0400	6170	3834	31
OS	378.0			Sundsvall/Härnösand		S		E017 29 07	JP82RL	6127	3807	34
os	395.0	1020		Oskosh/Pober	WI			W088 33 27	EN53RU	731	454	273
os	515.0	1020	civ	Columbus/Fuler	ОН			W083 11 53	EN80JB	526		217
os	600.0			Ossora				E163 04 06	RO19MF	7227	4491	330
OS	650.0	400*	enr	Osmino				E029 07 00	KO49NA	6867	4267	34
os	735.0			Pechora-Berezovka				E056 41 00	LP85IB	7342	4562	19
OSA	351.0	0		Ouessant		F		W005 03 48	IN78LL	5536	3440	57
OSE	251.0	1020	civ	Bethel/Oscarville	AK	USA	N60 47 29	W161 52 22	AP90BS	5502	3419	320

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
OSh	625.0	112		Krasnodar-Centr.	J/F		N45 05 00	E038 57 00	KN95LB	8428	5237	40
OSJ	422.0	1020	civ					E018 58 15	JN95LK	7266	4515	50
OSL	375.0	.020	0.1	UNID		?		_0.000.0	0.1002.1	00		
oso	225.0			Osorno		CHL	S40 37 52	W073 02 55	FE39LI	9384	5831	175
OSR	285.0	1020		UNID		?						
OST	321.0	1020	civ	Ostia for Roma/Fiumicino		1	N41 48 19	E012 14 11	JN61CT	7079	4399	56
OST	326.0			UNID		?						
OST	384.0			UNID		?						
OSX	269.0	1020	civ	Kosciusko	MS	USA	N33 05 27	W089 32 25	EM53FC	1485	923	
ОТ	277.0	1020		Worthington	MN		N43 36 58	W095 27 41	EN23GO	1287	800	274
ОТ	305.0			UNID		?						
ОТ	378.0	1020	civ		OR		N43 23 40	W124 18 37	CN73UJ	3574	2221	285
OT	381.0			UNID		?			0.10001.1			
OT	398.0			Tarakan		INS		E117 34 14	OJ83SH	14506	9014	
OT	398.0			Westpoint		NZL ?	537 03 37	E174 36 35	RF72HW	13905	8640	250
OT OT	950.0 957.0			UNID Kokshetau			N53 19 00	E069 36 00	MO43TH	8836	5490	18
OT	975.0			Kokshetau			N53 19 00	E069 36 00	MO43TH	8836	5490	18
OT	1145.0			UNID		?	1455 15 00	L009 30 00	WO45111	0000	5430	10
OTA	377.0			UNID		?						
OTL	370.0		civ	Bucharest/Otopeni			N44 34 13	E026 00 02	KN34AN	7752	4817	47
OTR	318.0			Bucharest/Otopeni				E026 14 07	KN34CO	7765	4825	47
OU	302.0			Oamaru		NZL	S44 56 50	E171 07 56	RE55NB	14582	9061	243
OU	322.0			Teniente Benjamin Matienzo		ARG	S26 55 07	W065 07 12	FG73KB	7976	4956	167
OU	322.0	400	civ	Stockholm/Bromma		S	N59 19 00	E018 02 48	JO99AH	6329	3933	37
OU	329.0	400	civ	Quebec/Ste-Foy	QC	CAN	N46 46 40	W071 17 23	FN46IS	715	445	61
OU	356.5	0		Ouargla		ALG	N31 57 00	E005 25 06	JM21RW	7252	4506	69
OU	390.0			Banjarmasin		INS	S03 26 10	E114 45 13	OI76JN	15311	9514	339
OU	392.0			Ouesso			N01 36 30	E016 03 28	JJ81AO	10330	6419	85
OU	425.0	400		Umeå		S		E020 10 42	KP03CU	6168	3833	32
OU	780.0		civ					E072 44 36	MN60IP	10238	6362	21
OUA OUK	333.0	1000		Ouagadougou	C 4			W001 31 31	IK92FI	8105	5036	89
OUN	323.0 260.0	1020 1020		Calhoun Norman	GA OK		N34 24 06 N35 14 15	W084 55 35 W097 28 52	EM74MJ EM15GF	1155 1817	717 1129	
OV	262.0	1020		Sauce Viejo	OK		S31 46 51		FF98NF	8591	5338	
ov	351.0	400	civ	Visby		S		E018 23 54	JO97ER	6440	4002	39
ov	390.0	100	0.1	Nafoora M4		LBY	N29 14 00	E021 33 00	KL09SF	8622	5358	61
OVD	353.0		joi	Ovda		ISR		E034 55 59	KL79LW	9465	5881	52
OVE	212.0	1020	,	Oroville	CA			W121 37 20	CM99EL	3505	2178	
OVO	374.0	1020	civ	North Vernon	IN	USA	N39 02 59	W085 36 04	EM79EB	743	462	226
OVY	228.0	1020		Booneville	MS	USA	N34 35 23	W088 38 49	EM54QO	1301	808	221
OW	211.0			Itami		J	N34 48 20	E135 24 13	PM74QT	10604	6589	332
OW	236.0	400	civ	Ottawa	ON			W075 33 40	FN25FI	349	217	61
ow	306.5		mar	Mys Ozernoy			N57 43 30	E163 18 54	RO17PR	7337	4559	329
OW	307.0			UNID		?						
OW	309.5			Mys Kloster Kamp/Orlova				E142 07 01	QO10BV	8763	5445	
OW	341.0	1020	CIV	Owensboro/Higuy	KY			W087 09 42	EM67KP	951		226
OW	357.0			Otjiwarongo		NMB	520 27 49	E016 38 30	JG89HM	12037	7479	101
OW	360.0			UNID	1/4		N27 04 00	MUDE OF OF	EN/17\A/A	1605	007	247
OW OW	362.0 379.0	1020		Wise Owatonna	VA MN			W096 09 00 W093 09 19	EM17WA EN34KB	1605 1098	997 682	
OW	379.0	1020		Owaronia	IVIIN			E007 12 38	JJ35OJ	9330	5797	88
OW	395.0			Palembang			S02 54 38	E104 40 35	OI27IC	15446	9597	
ow	397.0	1020	civ	Norwood/Stoge	MA			W071 07 42	FN42KC	707	439	
ow	405.0	. 520		Cherepovets				E038 01 42	KO99AG	7225	4489	30
OW	789.0	700		UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
OW	934.0	112		UNID	J/F	?	Lai	Long	LUC	KIII	1111	
OWC	390.0	1020	civ	Douglas/Coffee County	GA	-	N31 24 17	W082 55 26	EM81MJ	1419	882	194
OWM	483.0	.020	0	Ostrów Wielkopolski	0, .			E017 49 00	JO81VP	6786	4216	45
OWP	362.0	1020		Sand Springs/William Pogue	OK			W096 09 15	EM16WE	1659	1031	245
OWT	301.0		civ	Shark el Oweinat				E028 43 13	KL42IN	9651	5997	61
OWU	329.0	1020		Woodward/West Woodward	OK	USA	N36 26 04	W099 31 27	EM06FK	1893	1176	251
ОХ	295.0			Morotai		INS	N02 02 40	E128 19 25	PJ42DB	14217	8834	324
ОХ	358.0			Bose		CHN	N23 53 54	E106 39 00	OL33HV	12472	7750	354
ОХ	360.0	1020		Iwo Jima		J	N24 46 20	E141 18 27	QL04PS	11344	7049	323
ОХ	362.0	1020		Oxford/Clera	CT	USA	N41 24 09	W073 07 11	FN31KJ	589	366	116
ОХ	367.5	400	civ	Oxford/Kidlington		G	N51 49 57	W001 19 24	IO91IT	5627	3496	52
ОХ	407.0	1020	civ	Ocean City/Landy	MD	USA	N38 21 45	W075 11 59	FM28JI	711	442	148
OXD	282.0	1020	civ	Oxford	ОН	USA	N39 30 27	W084 46 50	EM79OM	658	409	224
OXV	284.0	1020		Knoxville	IA	USA	N41 17 45	W093 06 51	EN31KH	1156	718	260
OXY	334.0			Alpha 103		LBY	N29 02 00	E020 46 00	KL09JA	8582	5333	62
OY	289.0			UNID		?						
OY	300.0			Bandung		INS	S06 55 24		OI33TB	15850	9849	349
OY	332.0	400	civ	Belfast/Aldergrove		G		W006 05 07	IO64WQ	5215	3241	50
OY	353.0			Oyem		GAB		E011 34 36	JJ51SM	9976	6199	88
OY	368.0	400	civ	Sveg		S		E014 19 34	JP72DB	6004	3730	35
OYa	662.0			Severnyj				E035 11 00	KN75OE	8223	5109	42
OYD	388.0	1020		Rome/Floyd	GA		N34 17 56	W085 09 51	EM74KH	1174	729	207
OYE	349.0			Paris/Orly	00	F	N48 45 11	E002 32 21	JN18GS	6024	3743	54
OYI	226.0	1020		Orangeburg	SC			W080 54 21	EM93NK	1170	727	187
OYN	208.0	4000		Nome/Gold	AK		N64 30 46		AP74GM	5535	3440	326
OZ	212.0	1020	mii	Fort Rucker/Ruckr (Ozark) (Army)	AL			W085 48 57	EM71CF	1513	940	204
OZ OZ	267.0 279.0	1020	oiv	Ozamis Oneonta/Kring	NY			E123 49 59 W074 59 11	PJ18VE FN22MO	13782 391	8564 243	332 110
OZ OZ	279.0	1020	CIV	Mariano Moreno	INT		S34 29 00	W074 59 11 W058 49 18	GF05OM	8928	5548	163
OZ OZ	314.0	1020	joi	Brussels National				E004 28 01	JO20FT	6039	3752	51
OZ	317.0	1020	civ	Kärdla		EST		E022 52 20	KO18KW	6583	4090	36
OZ	337.0	400	joi	Söderhamn/Skallen		S		E017 10 47	JP810F	6180	3840	36
oz	417.0	.00	jo.	UNID		?	1101 10 00	2011 10 11	0.0.0.	0.00	0010	00
OZ	462.0		civ	Gori		GEO	N42 01 00	E044 07 56	LN22BA	8956	5565	39
OZD	377.0			UNID		?						
OZN	372.0	400		Ikerassassuaq/Prins Christian Sund		GRL	N60 03 26	W043 09 35	GP80KB	3014	1873	41
OZW	243.0	1020	civ	Howell	MI	USA	N42 38 02	W083 59 16	EN82AP	394	245	251
Р	213.0		civ	Pavlodar		KAZ	N52 12 30	E077 05 30	MO82NE	9121	5667	14
P	215.0		civ	Anapa/Vityazevo		RUS	N45 01 00	E037 22 30	KN85QA	8352	5189	41
P	250.0			General Urquiza		ARG	S31 46 36	W060 28 36	FF98SF	8599	5343	164
P	260.0		civ	Yelizovo/Petropavlovsk-Kamchatskiy		RUS	N53 06 30	E158 28 00	QO93FC	7923	4923	328
P	265.0			Rio Grande		ARG	S53 46 37	W067 43 14	FD66DF	10881	6761	173
P	275.0			Bishkek/Kant		KGZ						
Р	280.0			Aeroparque Jorge Newberry		ARG	S34 32 47	W058 26 22	GF05SK	8944	5557	163
Р	297.0			UNID		?						
Р	307.0			Posadas				W055 58 13	GG22AO	8250	5127	
Р	327.0		civ	Yuzhno-Sakhalinsk/Khomutovo				E142 43 00	QN16IW	9124	5669	332
P	352.0	1000		Parduc				E017 29 34	JN87RJ	7045	4378	49
P	353.0	1020		Poznan/Lawica				E016 51 43	JO82KJ	6683	4153	45
P	406.0			St. Petersburg/Rzhevka				E030 33 24	KO59GX	6861	4263	32
P	428.0			Murmansk/Murmashi South				E032 45 03	KP68JS	6333	3935	24
P	441.0		CIV	Simferopol			N45 U2 18	E033 58 54	KN65XA	8168	5076	43
P	463.0			UNID		?						
P B	474.0 537.0		oi.	UNID		? BH	NA2 02 47	E024 52 26	KNISSKE	7070	4000	E0
P	537.0			Plovdiv Pročov/Kanučany				E024 52 26	KN22KB	7872	4892	50 46
Р	572.0		mil	Prešov/Kapušany		SVK	1N49 UZ 3U	E021 20 05	KN09QB	7160	4449	46

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
P	588.0	1020	civ	Katowice/Pyrzowice	<b>.</b>		N50 28 25	E019 06 24	JO90NL	6936	4310	45
Р	607.0			Ashkhabad				E058 23 06	LM97EX	9997	6212	32
Р	608.0		civ			UKR	N47 52 30	E035 20 00	KN77QV	8011	4978	40
Р	620.0		civ	Pskov		RUS	N57 46 00	E028 23 00	KO47ES	6920	4300	35
Р	687.0		civ	Dnipropetrovsk		UKR	N48 21 26	E035 04 09	KN78MI	7959	4946	40
Р	705.0		civ	Syktyvkar		RUS	N61 37 00	E050 49 00	LP51JO	7488	4653	23
Р	733.0			Petropavlovsk		KAZ	N54 45 30	E069 13 00	MO44OS	8678	5392	18
Р	888.0		joi	Pardubice		CZE	N50 00 48	E015 46 18	JO70VA	6772	4208	47
Р	983.0		-	Nadym		RUS	N65 28 00	E072 41 00	MP65IL	7642	4749	12
Р	996.0		civ	Kyzyl		RUS	N51 41 00	E094 25 36	NO71FQ	9398	5839	4
Р	1215.0		civ	Ufa		RUS	N54 35 00	E055 50 30	LO74WN	8302	5159	25
Р	1290.0	400*	civ	Murmansk/Murmashi South		RUS	N68 47 57	E032 42 49	KP68IT	6331	3934	24
Р	213.0		civ	Alma-Ata		KAZ						
Р	345.0		civ	Perm/Bolshoe Savino		RUS	N57 55 00	E056 03 00	LO87AW	7994	4967	23
P2	334.0	400	civ	Wetaskiwin	AB	CAN	N52 58 01	W113 24 43	DO32HX	2677	1663	304
P8	208.0	400	civ	St George de Beauce	QC	CAN	N46 05 00	W070 43 00	FN46PB	731	454	68
PA	232.5			Port Alfred		AFS	S33 33 37	E026 52 41	KF36KK	13725	8528	106
PA	260.0			Pomala		INS	S04 11 00	E121 36 50	PI05TT	15146	9412	329
PA	265.0			Qaisumah		ARS	N28 19 00	E046 07 00	LL38BH	10285	6391	46
PA	280.0			Porto Amboim		AGL	S10 43 00	E013 46 00	JH69VG	11086	6888	95
PA	286.0			Wutong		CHN	N25 24 18	E110 03 36	OL55AJ	12270	7624	351
PA	307.5	1020	civ	Palma/Son San Juan		Ε	N39 35 58	E002 49 16	JM19JO	6566	4080	63
PA	309.5		mar	Mys Peschanyy		RUS	N48 27 00	E140 10 40	QN08CK	9068	5635	335
PA	315.0	1020		Salgado/Porto Alegre		В	S29 59 43	W051 08 36	GG40KA	8675	5391	155
PA	316.0	400	iw	Shell Expro/Leman Alpha Delta One		IW	N53 05 22	E002 07 41	JO13BC	5782	3593	49
PA	342.0			Malabo		GNE	N03 42 05	E008 54 44	JJ43KQ	9597	5963	88
PA	345.0			Pemba		TZA	S05 15 29	E039 48 52	KI94VR	12736	7914	73
PA	347.0	400	civ	Prince Albert	SK	CAN	N53 13 05	W105 47 43	DO73CF	2186	1358	308
PA	348.0		civ	Patreksfjördhur		ISL	N65 33 21	W023 57 11	HP85AN	4109	2554	35
PA	365.0			Hpa An		BRM	N16 53 35	E097 40 29	NK86UV	13267	8244	3
PA	377.0	400	civ	Rovaniemi		FIN	N66 28 09	E025 38 56	KP26TL	6234	3873	28
PA	390.0			Port Blair		IND	N11 40 19	E092 43 32	NK61IQ	13801	8575	9
PA	396.0	1020	civ	Everett/Ritts	WA		N48 03 10	W122 17 20	CN88UB	3308	2055	293
PA	462.0			UNID		?						
PA	495.0	1020		Pancevo		YUG	N44 53 30	E020 38 28	KN04HV	7407	4603	50
PA	515.0			Pajuostis		LTU	N55 45 40	E024 24 40	KO25ES	6867	4267	38
PA	905.0	1020	enr	Parutyne				E031 54 18	KN56WQ	7924	4924	43
PA1	304.0			AKAL C/Pemex				W092 02 20	EK39XJ	2959	1839	207
PA2	255.0	1020	iw	Offshore/Akal J	GM		N19 25 41	W092 04 31	EK39XK	2957	1837	
PAD	354.0	1020		Paderborn/Lippstadt		D		E008 38 22	JO41HO	6251	3884	48
PAD	413.0		CIV	Parsabade/Moghan		IRN	N39 34 43	E047 58 02	LM39XN	9366	5820	38
PAD	451.0			UNID		?	000 00 50	14/000 44 50		7040	4.405	404
PAF	325.0	4000		Paulo Afonso		В		W038 14 53	HI00VO	7218	4485	
PAG	212.0	1020		Port Algusta				E137 42 04	PF87UL	16566	10293	
PAG	330.0	1020	ois r	Porto Alegre		В	S29 59 59	W051 10 43	GG41JA	8674	5390	
PAH PAI	315.0 355.0	1020	CIV	Schwerin/Parchim Barra do Piraí		D B	N53 23 39 S22 27 19	E011 39 57 W043 50 28	JO53TJ GG87BN	6330 8196	3933 5093	46 146
PAI	370.0	1020	oiv.	Pacoima	CA			W118 24 48	DM04TG		2175	
PAJ	370.0			Pajala	CA	S		E022 56 36	KP17LG	3500 6086	3782	28
PAJ	355.5			Palermo		ı		E022 56 36 E013 10 39	JM68OA	7397	4596	20 59
PAL	365.0	1020	CIV	Palma		ΕΩΔ		W079 48 32	FI07CX	5086	3160	
PAL	380.0	1040		UNID		=QA ?	302 01 30	VV013 40 32	1 107 07	5000	3100	101
PAL	422.0		civ	Pamplona		r E	N42 42 51	W001 38 21	IN92ER	6066	3769	62
PAN	335.0	1020		Pantelleria		_ 		E011 57 40	JM56XT	7396	4596	61
PAO	386.0	1020		Paros		GRO		E025 07 44	KM27NA	8270	5139	53
PAR	306.0	1020		Parma		1		E010 17 36	JN54DT	6757	4198	55
1 711	550.0	1020	OIV	i dillid			. 1	_010 17 00	3110-712-1	0101	7100	55

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PAR	350.0			Puerto Aguirre	•		S45 09 54	W073 31 16	FE34FU	9883	6141	176
PAR	395.0			Parrita		CTR	N09 31 03	W084 19 01	EJ79UM	3839	2385	189
PAT	385.0			Patos de Minas		В	S18 40 07	W046 29 36	GH61SH	7699	4784	147
PAT	1625.0	1020		Pastaza/Rio Amazonas		EQA	S01 31 00	W078 02 30	FI08XL	5032	3127	178
PAW	463.0			UNID		?						
PAY	375.0			Puerto Ayacucho				W067 36 31	FJ65EO	4396		161
PB	201.0			Prachin Buri				E101 22 06	OK04QC	13580	8438	359
PB	210.0			Bengkulu		INS		E102 20 26	OI16ED	15565	9672	357
PB	270.0			Port Bell				E032 39 22	KJ60HH	11742	7296	74
PB	280.0			Pemba				E040 30 03	LH07GB	13391	8321	78
PB	294.2	4000		Abidjan Felix Houphouet Boigny Intl		CTI	N05 15 02		IJ85AG	8446	5248	96
PB	356.0	1020	civ		FL		N26 41 16		EL96VQ	1910	1187	182
PB DB	360.0			Pangsuma		INS		E112 56 14	OJ60LU	14900	9258	343
PB PB	369.0 410.0	1020		Port Blair  Piotorphyra/Polokwana		IND		E092 44 49 E029 27 03	NK61IQ KG46RD	13800 13295	8575 8261	9 96
PB	440.0	1020		Pietersburg/Polokwane Phubai				E107 46 19	OK36VJ	13288	8257	352
PB	670.0			Vologda-Kipelovo				E039 08 00	KO99NE	7276	4521	30
PB1	392.0			Bocas			N18 26 09	W093 11 21	EK38JK	3102	1927	209
PBC	365.0	1020	civ		TN			W087 05 29	EM65KO	1128	701	218
PBCD	320.0	400	iw	F2A-Hanze		IW		E004 35 45	JO24HW	5842	3630	46
PBH	263.0			Phillips	WI			W090 24 47	EN45TQ	889	552	287
PBL	230.0			Puerto Bolivar		CLM	N12 13 07	W072 00 26	FK32XF	3583	2226	166
PBO	278.0	1020		Paraburdoo		AUS	S23 10 44	E117 44 33	OG86UT	17225	10703	321
PBT	338.0	1020	civ	Red Bluff/Proberta	CA	USA	N40 06 51	W122 14 15	CN80VC	3529	2193	278
PBY	259.0	1020	civ	Kayenta	ΑZ	USA	N36 28 29	W110 24 42	DM46TL	2743	1705	263
PC	250.0			Phucat		VTN	N13 51 56	E109 06 21	OK43NU	13550	8420	350
PC	273.0			Parachinar		PAK	N33 54 19	E070 04 21	MM53AV	10854	6744	25
PC	389.5		iw	Shell/Esso Leman D		IW		E002 11 08	JO13CA	5790	3598	49
PC	481.0			Parduc				E017 28 43	JN87RJ	7043	4376	49
PC	493.0		mil	Pápa				E017 28 54	JN87RJ	7043	4376	49
PCA	425.0	1020		Punta Cana			N18 33 51	W068 22 16	FK58TN	2994	1861	156
PCE	386.0			UNID		?	000 45 00	W000 07 00	LUCCOE	0000	4444	404
PCI	210.0			Pici/Fortaleza		В	S03 45 06	W038 37 30	HI06QF	6669	4144	131
PCK PCK	320.0 419.0			Prachuap Point Cook		AUS	N11 47 25	E099 48 25 E144 45 18	NK91VS QF22JB	13838 16284	8598 10118	1 265
PCL	415.0	1020		Poços de Caldas		B	S21 50 09	W046 33 56	GG68RD	8015	4980	148
PCM	346.0	1020		Plant City	FL		N28 00 09	W082 09 24	EL88WA	1780	1106	189
PCR	325.0	1020		Pari Cachoeira		В	N00 15 43		FJ50CG	4928	3062	166
PCR	353.0	.020		Puerto Carreno		CLM	N06 10 54		FJ66GE	4339	2696	161
PCR	400.0			UNID		?						
PCV	430.0	0		Pontoise/Cormeilles-en-Vexin		F	N49 05 47	E002 02 14	JN19AC	5974	3712	54
PCW	423.0	1020	civ	Port Clinton	ОН	USA	N41 31 07	W082 52 07	EN81NM	384	239	228
PCZ	382.0	1020	civ	Waupaca	WI	USA	N44 19 55	W089 00 58	EN54LH	766	476	277
PD	222.0		civ	Whitman/Philadelphia Int./Speez	NJ	USA	N39 54 04	W075 05 42	FM29KV	573	356	139
PD	229.0	400	civ	Port Hawkesbury	NS	CAN	N45 39 19	W061 16 10	FN95IP	1450	901	76
PD	230.0	1020	civ	Pendleton/Foris	OR			W118 43 50	DN05PQ	3083	1916	288
PD	260.0	1020		Port Hedland				E118 38 33	OG99HO	16910	10507	322
PD	305.0			Pendopo				E103 52 54	OI16WR	15493	9627	355
PD	320.0			Padun				E031 47 00	KP58VO	6313	3923	24
PD	351.0	1020		Ponta Delgada/João Paulo II				W025 40 30	HM77DR	4508	2801	80
PD	405.0			Bulungur				E067 16 00	MM39PS	10159	6313	25
PD BDA	568.0		CIV	Bishkek/Kant UNID		KGZ	N42 52 42	E074 46 42	MN72JV	10058	6250	19
PDA PDG	320.0 327.0	1020			CA	-	N36 54 49	W121 48 29	CM96CV	3636	2250	273
PDG	327.0	1020 1020		Watsonville/Pajar Punta Indio	CA		S35 21 09		GF14IP	3636 9058	2259 5628	162
PDN	371.0		mil	Port Heiden (AF)	AK			W158 38 56	BO06QW	5474	3402	
	3, 1.0	.020	4111		, ,,	JOA	.10001 10		2000011	0-77	3-02	0.0

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PDR	233.0	1020	civ	Ottawa	OH		N41 01 52	W083 58 31	EN81AA	489	304	231
PDV	285.0	1020	civ	Padova		ı	N45 21 37	E011 49 05	JN55VI	6822	4239	53
PDV	435.0			UNID		?						
PDV	450.0	1020	civ	Plovdiv		BUL	N42 02 19	E024 54 09	KN22KA	7875	4894	50
PDW	284.0	1020		Evansville	IN	USA	N38 02 25	W087 31 51	EM68FA	940	584	229
PE	274.0			Punta del Este		URG	S34 54 47	W054 55 09	GF25MC	9074	5638	160
PE	287.0	400	civ	Peace River	AB	CAN	N56 12 00	W117 31 55	DO16FE	3000	1864	311
PE	327.0			Ngiva			S17 04 00	E015 45 00	JH72VW	11718	7281	99
PE	355.0			Port Elizabeth		AFS		E025 32 07	KF25SX	13651	8482	
PE	390.0		civ	•		LBY		E013 14 54	JM62OQ	7777	4833	64
PE	438.0	1020		Poprad/Tatry East			N49 03 46	E020 26 33	KN09FB	7107	4416	46
PE	906.0	400*		Pechory			N57 49 00	E027 36 00	KO37TT	6880	4275	35
PEA	257.0	1020	CIV	Pella	IA		N41 24 19	W092 56 36	EN31MJ	1139	707	
PEA	340.0			Pearce		AUS	S31 39 16 S33 04 01	E116 01 08	OF88AI	18095	11244	
PEC PED	203.0 221.0	1020		Aeropelican Springfield/Needmore	TN		N36 32 11	E151 38 56 W086 55 03	QF56TW EM66MM	15480 1034	9619 643	
PEE	305.0	1020	civ	Talkeetna/Peters Creek	AK		N62 19 52	W150 05 47	BP42WH	4854	3016	
PEH	265.0		CIV	Pehuajo	ΛI		S35 50 28	W061 51 39	FF94BD	9008	5597	
PEL	410.0	1020		Ponta Pelada/Manaus		В	S03 08 34	W059 59 37	GI06AU	5561	3456	
PEN	201.0	1020	civ		OR	USA		W123 35 14	CN86ED	3443	2139	
PEO	398.0	400		Nyköping/Skavsta/Peola	0.1	S	N58 47 48	E017 02 54	JO88MT	6310	3921	38
PEP	297.0	1020		Prilep		MKD		E021 26 57	KN01RI	7712	4792	52
PER	220.0	1020		Perus/São Paulo		В	S23 25 14	W046 45 21	GG66ON	8167	5075	149
PET	330.0			Petrel		ATA	S63 28 02	W056 12 03	GC16VM	12079	7506	169
PEZ	275.0	1020	civ	Pleasanton	TX	USA	N28 57 18	W098 31 07	EL08RW	2370	1473	232
PF	278.0		civ	Panama City/Lynne	FL	USA	N30 19 36	W085 46 56	EM70CH	1606	998	203
PF	348.0		enr	Oktyabrsky		RUS	N54 26 00	E053 23 00	LO64QK	8230	5114	26
PF	385.0		enr	Ura-Tyube		TJK	N40 03 00	E068 57 00	MN40LB	10184	6328	24
PF	416.0	400		Parafield		AUS	S34 47 59	E138 37 02	PF95HE	16621	10328	
PF	417.0		civ	Murmansk/Murmashi South		RUS	N68 46 55	E032 45 03	KP68JS	6333	3935	24
PF	420.0		iw	Talisman/Piper Bravo		IW	N58 27 39	E000 14 58	JO08CL	5446	3384	43
PF	475.0	400+	civ	Irkutsk/Bolshoye Goloustnoye		RUS	N52 02 00	E105 25 00	OO22RA	9365	5819	
PF	635.0 370.0	400* 1020	CIV	Murmansk/Murmashi South		RUS		E032 40 06 W052 19 47	KP68IT GG31US	6328 8453	3932 5252	24
PFD PFF	284.0	1020		Passo Fundo UNID		B ?	S28 14 27	VVU52 19 47	GG3103	0433	5252	156
PFH	272.0	1020	civ		NY	-	N42 15 11	W073 43 24	FN32DG	501	312	109
PFL	308.0	1020		Fort Sill/Post (Army)	OK		N34 36 32	W073 43 24 W098 24 14	EM04TO	1926	1197	
PFT	342.0	1020		Pinecreek/Piney	MN		N48 59 32	W095 58 45	EN28AX	1386	862	300
PG	276.0			Penggung		INS	S06 45 18	E108 32 24	OI43GF	15816	9828	
PG	307.0	800	civ	Praha/Ruzyně/Jinonice		CZE	N50 02 52	E014 22 09	JO70EB	6686	4155	48
PG	312.5		mar	Mys Kray Sveta		RUS	N43 50 00	E146 55 00	QN33LT	9256	5751	328
PG	325.0	400	pri	Trollhättan/Vänersborg		S	N58 15 48	E012 25 06	JO68FG	6105	3794	40
PG	353.0	1020	mil	Portage La Prairie/Southport (RCAF)	MB	CAN	N49 50 31	W098 10 46	EN09VU	1567	974	302
PG	367.0			Port Gentil		GAB	S00 41 38	E008 45 42	JI49JH	9921	6165	92
PG	367.0		civ	Porto			N41 04 41	W008 38 12	IN51QB	5647	3509	67
PG	388.0			Panjgur				E064 08 18	ML26BW	11330	7040	33
PG	860.0		CÍV	Novosibirsk/Zaeltsovskiy				E082 53 42	NO15KB	8910	5537	10
PGL	382.5			Pongola				E031 39 12	KG52TO	13708	8518	97
PGN	200.0	1000		Pagerungan	۸Β	INS		E115 55 50 W090 30 40	OI73XA	15648	9723	
PGR PGT	383.0 332.0	1020	iw	Paragould BP Exploration/Pickerill Alpha	AR	IW		E001 04 33	EM46RB JO03MN	1282 5697	796 3540	231 49
PH	228.0		IVV	Zhuliao				E113 22 18	OL63QI	12444	7732	
PH	272.0			Perth				E115 22 16 E115 57 01	OF78XB	18124	11262	
PH	283.0			Phetchabun				E101 11 25	OK06OP	13299	8264	
PH	316.0	400	mil	Eindhoven				E005 30 18	JO21SN	6064	3768	50
PH	332.0	1020		Port Huron/Phurn	МІ			W082 35 48	EN82QU	280		246

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PH	333.0	400	civ	Penzance Heliport		G	N50 07 42	W005 31 00	IO70FD	5432	3375	55
PH	351.0	1020		Mosinee/Bayye	WI	USA	N44 40 37	W089 38 55	EN54EQ	818	508	280
PH	370.0			Port Harcourt		NIG	N04 50 02	E007 00 57	JJ34MU	9358	5815	89
PH	396.0	400	civ	Inukjuak	QC	CAN	N58 28 04	W078 04 24	FO08XL	1624	1009	3
PH	1265.0			UNID		?						
PHA	328.0		civ	Paphos Intl.		CYP	N34 43 06	E032 28 42	KM64FR	8917	5541	51
PHG	368.0	1020		Phillipsburg	KS	USA	N39 42 22	W099 17 18	EM09IQ	1708	1061	261
PHG	424.0	0	mil	Phalsbourg/Bourscheid		F	N48 46 06	E007 12 00	JN38OS	6322	3928	52
PHH	255.0	1020		Andrews	SC	USA	N33 27 05	W079 31 38	FM03FK	1159	720	180
PHH	308.0			UNID		?						
PHO	221.0			Point Hope	AK	USA	N68 20 41	W166 47 51	AP68OI	5458	3392	331
PHR	336.0			Pokhara		NPL	N28 12 02	E083 59 04	NL18XE	11846	7361	15
PHS	380.0	400	civ	Pyhäsalmi		FIN	N63 17 00	E025 53 00	KP23WG	6441	4002	31
PI	309.5		mar	Ostrovok Ptichiy		RUS	N57 10 00	E156 34 00	QO87GE	7655	4757	331
PI	333.0		civ	Schwerin/Parchim		D	N53 27 41	E011 54 26	JO53WL	6340	3939	45
PI	356.0	1020	civ	Peoria/Tungg	IL	USA	N40 36 20	W089 35 35	EN50EO	912	567	250
PI	360.0	1020	civ	St. Petersburg/Capok	FL	USA	N27 59 42	W082 42 14	EL87PX	1788	1111	190
PI	363.0	0	joi	Poitiers/Biard		F	N46 42 14	E000 24 25	JN06EQ	5991	3723	57
PI	383.0	1020	civ	Pocatello/Tyhee	ID	USA	N42 57 59	W112 31 09	DN32RX	2661	1654	279
PI	400.0			Pasni		PAK	N25 17 17	E063 20 56	ML15QG	11461	7121	34
PI	420.0		civ	Pico		AZR	N38 33 30	W028 24 15	HM58TN	4253	2643	80
PI	425.0			Pietersburg		AFS	S23 56 01	E029 28 07	KG46RB	13301	8265	96
PI	425.0	1020	enr	Pii		UKR	N49 52 24	E031 07 30	KN59NU	7636	4745	40
PI	505.0			Khomutovo		RUS	N46 56 12	E142 43 00	QN16IW	9125	5670	332
PI	680.0		civ	Yuzhno-Sakhalinsk/Khomutovo		RUS	N46 56 12	E142 43 00	QN16IW	9125	5670	332
PI	920.0			Pitsunda		GEO	N43 10 00	E040 20 00	LN03EE	8662	5382	40
PI1	354.0			Ixtoc Oil Platform		MEX	N19 24 53	W092 12 31	EK39VJ	2963	1841	208
PIA	337.0			UNID		?						
PIA	440.0	1020	mil	Piacenza		- 1	N44 52 18	E009 49 36	JN44VU	6723	4178	55
PIC	334.0			Picacho		HND	N14 08 57	W087 12 21	EK64JD	3379	2100	195
PIE	400.0	860		Piedecuesta		CLM	N06 52 39	W073 05 23	FJ36KV	4148	2578	170
PIJ	310.0			Los Pijiguaos		VEN	N06 34 07		FJ66ON	4316	2682	160
PIK	355.0	400	joi	Prestwick		G	N55 30 22		IO75RM	5277	3279	48
PIL	317.0			Melipilla			S33 40 39	W071 13 23	FF46JH	8630	5363	173
PIM	272.0	1020		Pine Mountain	GA	USA	N32 50 34	W084 52 21	EM72NU	1314	817	203
PIM	306.0		civ	Karaj/Payam		IRN		E050 50 58	LM55KS	9859	6126	38
PIN	373.0			Pamalican		PHL		E120 43 29	PK01II	13556	8423	337
PIN	390.0			Puerto Inirida		CLM			FJ63BU	4580	2846	162
PIS	379.0	1020				I	N43 35 21		JN53DO	6834	4247	56
PIS	424.0	1020		•				E015 50 38	JN75WO	7062	4388	51
PIX	344.0	1020	civ	Picture Rocks	PA		N41 16 37		FN11PG	368	229	141
PIY	233.0	1020		Pingelly			S32 32 21		OF87ML	18102	11248	306
PIZ	347.0			Point Lay/Dew Station	AK			W163 00 49	AP89LR	5272	3276	
PJ	303.0			Mukachevo				E022 41 00	KN18IJ	7282	4525	46
PJ	315.0	400		Port St Johns	\			E029 33 01	KF48SI	13813	8583	103
PJ	329.0	400	civ	Whitehorse/Robinson	ΥT			W134 51 41	CP20NK	4058	2521	
PJ	622.0			Tsernigov-Pevchy				E031 19 00	KO51PN	7518	4671	39
PJB	321.0			Bonaire  Dr. Augusta Baharta Fuetar/Badra Juan Caballara				W068 16 52	FK52UD	3680	2287	
PJC	353.0			Dr. Augusto Roberto Fuster/Pedro Juan Caballero				W055 50 00	GG27BI	7752	4817	
PJD	284.0			St. Maarten				W063 07 04	FK88KA	3251		
PJE	235.0			St. Eustatius Is.				W062 59 30	FK87ML	3311		
PJM D IN	308.0	1000	oi.	St. Maarten	<b>-</b> 1			W063 07 01	FK88KB	3250	2019	147
PJN D ID	242.0	1020	CIV	Fort Lauderdale/Plantation	FL		N26 07 56		EL96VD	1972 1644		
PJR PJS	252.0 375.0	1020	civ	Prentiss Newport News/Henry	MS VA			W089 54 19 W076 29 36	EM51BO FM17SD	1644 792	1021	161
		1020	CIV	Newport News/Henry	VA							
PJY	215.0			Pinckneyville	IL	USA	100 AC JCNI	W089 21 47	EM57HX	1061	659	235

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PK	233.0	1020	civ	Dallas/Issue	TX		N32 47 35	W097 01 50	EM12LT	1962	1219	237
PK	269.0	1020	civ	Park Rapids/Spida	MN	USA	N46 50 03	W094 58 31	EN26MU	1257	781	291
PK	282.0	1020		Pekan		MLA	N03 22 58	E103 25 18	OJ13RJ	14760	9171	356
PK	282.0			Pleiku		VTN	N14 00 24	E108 00 32	OK44AA	13548	8419	352
PK	300.0	1020	civ	Pskov		RUS	N57 44 18	E028 22 12	KO47ER	6921	4301	35
PK	305.0			Bangui M Poko		CAF	N04 19 28	E018 32 21	JJ94GH	10319	6412	81
PK	315.0	1020		UNID		?						
PK	325.0			Beigan		TWN	N26 13 28	E120 00 00	PL06AF	11992	7451	342
PK	342.0	400*	civ	9				E030 09 30	KO59BT	6855	4260	33
PK	352.0		enr	Prikaspiysky				E047 12 30	LN36OF	8730	5424	35
PK	369.0			Nanxiang		CHN		E121 19 48	PM01PG	11416	7094	342
PK	385.0		iw	Penzoil Noordwinning K13-A		IW		E003 13 13	JO130F	5842	3630	49
PK	388.0	1020	civ	ů .	WV		N39 15 15		EM99GG	543	337	199
PK	393.0			Pathankot		IND		E075 37 59	MM72TF	11204	6962	21
PK	405.0			Kruger			S25 23 01		KG54NO	13531	8408	96
PK	411.0	1020		Eren	KC			E112 00 00 W094 44 13	ON63AP	10243	6364	352
PK	420.0	1020	iai	Olathe/Herbb	KS		N38 45 11		EM28PS	1398 6774	869	251
PK PK	432.0 473.0	1020	joi	Pardubice/Prvek UNID		?	1150 00 40	E015 48 47	JO70VA	6774	4209	47
PK1	359.0			KU 22 Oil Platform		-	N19 31 11	W092 11 16	EK39VM	2952	1834	208
PK2	362.0			KU 407 Oil Platform			N19 35 11	W092 11 10 W092 12 02	EK39VO	2945	1830	208
PK3	368.0			KU 482 Oil Platform				W092 12 52	EK39VN	2948	1832	208
PKF	371.0	1020	civ	Park Falls	WI		N45 57 11		EN45SW	895	556	289
PKS	242.0	400	0.1	Parkes	•••			E148 15 09	QF46DU	15757	9791	270
PKT	300.0	1020		Paracatú		В		W046 56 02	GH62MS	7534	4681	146
PKV	515.0	1020		Port Lavaca	TX		N28 39 03		EL18PP	2283	1419	228
PKZ	326.0	1020	civ	Pensacola/Pickens	FL		N30 26 13	W087 10 42	EM60JK	1642	1020	207
PL	263.0			Phitsanulok		THA	N16 47 45	E100 16 33	OK06DT	13284	8254	0
PL	274.0			Palma		CLM	N03 36 00	W076 22 17	FJ13TO	4474	2780	175
PL	295.0			Plaridel		PHL	N14 52 55	E120 51 05	PK04KV	13178	8189	338
PL	303.0			Delhi		IND	N28 32 32	E077 11 50	ML88ON	11640	7233	21
PL	332.0			Tallahassee/Palee	FL	USA	N30 23 29	W084 14 08	EM70VJ	1557	967	197
PL	351.0		civ	Perpignan/Rivesaltes		F		E002 55 30	JN12LQ	6389	3970	60
PL	432.0	700*	civ	Palanga		LTU		E021 04 30	KO05MW	6686	4155	40
PL	525.0	400*	civ	9		RUS		E030 22 24	KO59ET	6866	4266	33
PL	832.0		civ	Olenya			N68 09 00	E033 29 00	KP68RD	6400	3977	24
PL	1180.0			Poltava-Suprunovka				E034 24 00	KN79EN	7828	4864	39
PLA	351.5	1020	CiV	Pula			N44 53 21		JN64VV	6976	4335	53
PLB	215.0			Pilanesberg		AFS	S25 22 04	E027 11 51	KG34OP	13218	8213	98
PLC	389.0	1020	ois r	Port Lincoln	INI			E135 52 24 W084 59 01	PF75WJ	16830	10458	
PLD PLE	257.0 218.0	1020 1020	CIV		IN			E145 06 41	EN70MK	595 16246	370 10095	232 265
PLG	480.0	1020		Plenty Pilanesberg				E027 07 19	QF22NG KG34NO	16246 13214	8211	205 98
PLG	204.0		civ	Branson/Point Lookout	МО			W093 13 48	EM36JP	1420		240
PLM	265.0	1020	ΟIV	Palmas	IVIO	В		W048 21 11	GH59TT	6766	4204	
PLO	296.0	1020		Point Lookout				E152 23 50	QF69EM	15268	9487	
PLP	320.0			Puerto Lempira				W083 46 43	EK85CG	3201	1989	189
PLR	363.0		ioi	Palmyra				E038 16 00	KM94DN	9281	5767	47
PLS	275.0	1020	•	Polson	МТ			W114 11 16	DN27VQ	2710	1684	
PLT	407.0			Columbus/Platte Center	NE			W097 22 54	EN11HL	1490		266
PLV	366.0	1020		Aurora/Prahl	OR			W122 46 15	CN85OG	3401	2113	
PLX	391.0			Robinson/Palestine	IL			W087 38 27	EM69EA	872		234
PM	258.0	1020		Palmerston North				E175 37 16	RE79TQ	14017	8710	246
PM	323.0	1020	iw	Petroland N		IW	N53 34 22	E004 10 36	JO23CN	5883	3655	48
PM	330.0		civ	Pechora		RUS	N65 07 18	E057 07 48	LP85NC	7347	4565	19
PM	350.0		civ	Gran Canaria/Las Palmas		CNR	N27 54 30	W015 23 42	IL27HV	5895	3663	85

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PM	362.5		•	Pietermaritzburg		AFS	S29 38 52	E030 24 01	KG50EI	13755	8547	100
PM	370.0			Potou		CHN		E116 33 00	OM88GB	10784	6701	347
PM	382.0	0	civ	Peronne/StQuentin		F	N49 52 06	E003 08 12	JN19NU	6005	3731	52
PM	385.0		civ	Porto		POR	N41 16 18	W008 41 12	IN51PG	5633	3500	67
PM	410.0			UNID		?						
PM	780.0		enr	Uray		RUS	N60 07 00	E064 50 00	MP20KC	8026	4987	18
PM1	341.0			ABKATUM 1A		MEX	N19 12 55	W092 10 12	EK39VF	2983	1853	208
PM2	350.0			ABKATUM 5		MEX	N19 16 24	W092 09 18	EK39WG	2976	1849	208
PMA	365.0		civ	Prince Mohammad Bin Abdulaziz		ARS	N24 33 01	E039 42 20	KL94UN	10226	6354	53
PMB	341.0	400		Pembrey		G	N51 42 49	W004 18 40	IO71UR	5442	3382	53
PMB	365.0		civ	Madinah/Prince Mohammed Bin Abdulaziz			N24 33 01	E039 42 20	KL94UN	10226	6354	53
PMH	373.0	1020	civ	Portsmouth/Sciotoville	ОН		N38 46 54		EM88NS	635	394	208
PMQ	395.0			Port Macquarie			S31 26 08	E152 52 00	QF68KN	15287	9499	269
PMR	384.0	0	civ	Pamiers/Les Pujols		F		E001 35 48	JN03TC	6272	3897	60
PMS	255.0			Tocantins/Palmas		В		W048 21 31	GH59TR	6774	4209	144
PMV	329.0	1020		Plattsmouth	NE		N40 56 38	W095 54 45	EN20BW	1391	864	262
PMX	212.0		civ	Palmer	MA		N42 13 34		FN32UF	611	380	105
PMZ	221.0	1020		Plymouth	NC		N35 48 36	W076 45 46	FM15OT	927	576	165
PN	238.0			Pangkalan Bun		INS		E111 40 02	OI57UH	15312	9515	344
PN	242.0	4000		Pagadian		PHL		E123 28 47	PJ17RT	13831	8594	332
PN	245.0	1020		Proserpine			S20 29 21	E148 33 34	QG49GM	14897	9257	285
PN	257.0			UNID		?	NO4 20 27	E104 E4 24	D IO4IZI	14407	0064	220
PN PN	290.0 294.5		mar	Manado Piltun		INS	N01 29 37	E124 54 34 E143 19 00	PJ21KL QO12PU	14427 8533	8964 5302	328 335
PN	344.0			Tripoli/Qizan				E013 09 18	JM62NS	7764	4824	64
PN	360.0	400		Port Menier/lle de Anticosti	QC		N49 50 15		FN79TU	1322	821	55
PN	360.0	400	CIV	Paysandu Paysandu	QC		S32 21 46	W058 04 10	GF07XP	8720	5418	162
PN	407.0	1020	civ	Palanga		LTU	N55 59 21		KO05NX	6685	4154	40
PN	480.0	1020		Totma				E042 46 00	LO19JX	7351	4568	28
PN	515.0	1020		Ponca City	OK		N36 49 30		EM16KT	1687	1048	248
PN1	318.0	1020	0.1	Nohoch A	0.1		N19 22 06	W092 00 14	EK39XI	2961	1840	207
PNA	392.0	1020	civ	Pinedale/Wenz	WY		N42 47 50		DN52CT	2450	1522	278
PNB	365.0	1020		Parnaíba		В	S02 53 51	W041 43 44	GI97DC	6404	3979	134
PNC	395.0	1020		Porto Nacional		В	S10 42 46	W048 24 08	GH59TG	6814	4234	145
PND	340.0	1020	joi	Valencia/Pinedo		Ε	N39 26 15	W000 20 47	IM99TK	6348	3944	65
PND	391.0		•	UNID		?						
PNG	340.0	1200		Paranaguá		В	S25 32 05	W048 31 51	GG54RL	8310	5164	151
PNG	406.0			Penang		MLA	N05 19 35	E100 18 07	OJ05DH	14553	9043	0
PNH	255.0	1020		São José dos Pinhais/Afonso Pena		В		W049 05 23	GG54KJ	8296	5155	152
PNI	366.0	1020		Pohnpei		FSM	N06 58 19	E158 11 06	QJ96CX	11952	7427	299
PNJ	347.0	1020	civ	Paterson/Caldwell	NJ	USA	N40 56 48	W074 09 03	FN20WW	546	339	125
PNM	368.0	1020	civ	Princeton	MN	USA	N45 33 53	W093 36 27	EN35EN	1135	705	284
PNO	330.0	1020	civ	Warsaw/Okecie/Piaseczno				E021 03 46	KO02MB	6940	4313	43
PNP	376.0			Phnom Penh		CBG		E104 53 18	OK21KO	13845	8603	355
PNQ	1659.0			Macae/Plataforma SS-18		В		W040 36 24	GG97QH	8369	5201	143
PNT	377.0		civ	Pontivy		F		W002 47 36	IN88OB	5708	3547	57
PNU	255.0	1020		Washington County	PA	USA		W080 09 45	EN90WD	421	261	188
PNZ	367.5	1020	mil	Ponza				E012 57 22	JN60LV	7187	4466	57
PO PO	223.0	4000		Bima St. Beterehure/Bulliane				E118 41 30	OI91IL	15713	9764	
PO PO	277.0	1020		St. Petersburg/Pulkovo				E030 21 00	KO59ES	6866	4266	33
PO	306.5			Mys Povorotnyy				E133 02 42	PN62MQ	9885	6143	
PO PO	323.0		IW	Placid A		IW		E004 12 24	JO23CJ	5893	3662	48
PO PO	377.0			Hwange National Park				E026 55 45	KH31LI	12727	7908	93
PO PO	381.0		ois.	Pune Pau Pyrénées		IND F		E073 54 57	MK68WO	12576	7814	27 61
PO PO	397.0 403.0	1020		Pau Pyrénées  Paughkoopsig/Major/Codar Cliff	NIV			W000 10 00 W073 57 53	IN93VH	6136	3813	61 118
FU	403.0	1020	civ	Poughkeepsie/Meier/Cedar Cliff	NY	USA	1141 34 30	VVU13 31 33	FN31AN	518	322	110

0-11	1-11-	11-	_	Otation	C/D	ITII	1 1 -4		1	loss	!	0
Call PO	421.0	Hz	T	Station   UNID	S/P	ITU ?	Lat	Long	Loc	km	mi	0
PO PO	730.0	1020	onr	Pretoriya		-	N52 15 00	E054 19 00	LO72DG	8468	5262	27
PO	1130.0	1020	CIII	Poltava-Suprunovka			N49 34 00	E034 24 00	KN79EN	7828	4864	39
PO1	371.0			Neptuno Oil Platform			N19 26 00	W092 02 00	EK39XK	2955	1836	
POA	332.0	1020	civ	Pahoa	НІ		N19 32 36	W154 58 30	BK29MN	7384	4588	
POB	338.0	1020		Fayetteville/Pope/Ft Bragg (AF)	NC			W078 57 16	FM05MF	963	599	
POD	212.0	400		Portland			S38 18 52		QF01RQ	16564	10292	
POD	335.0		civ				N42 23 19	E019 15 18	JN92PJ	7497	4659	52
POE	420.0			UNID		?						
РОН	428.0	1020		Pocahontas	IA	USA	N42 44 49	W094 38 53	EN22QR	1237	769	269
POI	400.0			Potosi		BOL	S19 32 50	W065 43 51	FH70DK	7163	4451	166
POM	351.0		joi	Napoli/Pomigliano		I	N40 55 43	E014 22 59	JN70EW	7281	4524	56
POP	363.0	1020		Poptun		GTM	N16 19 30	W089 25 18	EK56GH	3198	1987	200
POR	327.0	1020	civ	Porto		POR	N41 20 53	W008 42 29	IN51PI	5628	3497	67
POR	341.0	400	joi	Pori		FIN	N61 30 24	E021 40 10	KP01UM	6369	3958	34
POR	415.0			UNID		?						
POY	344.0	1020	civ	Powell	WY	USA	N44 52 01	W108 47 11	DN54OU	2327	1446	283
POY	430.0		civ	Paris/Orly		F	N48 43 48	E002 23 23	JN18ER	6016	3738	54
POZ	416.0	1020	civ	Belgrade/Pozarevac		YUG	N44 37 15	E021 08 52	KN04NO	7457	4634	50
POZ	429.0	1020	civ	Poznan/Lawica		POL	N52 23 53	E016 56 41	JO82LJ	6689	4156	45
PP	215.0	1020		Maracá/Campo Grande		В	S20 24 35	W054 37 52	GG29QO	7557	4696	155
PP	225.0	1020		Iririu/Joinville		В	S26 14 13	W048 46 49	GG53OS	8373	5203	152
PP	238.0			Pasir Pangarayan		INS	N00 49 58	E100 22 08	OJ00ET	15050	9351	0
PP	242.0	1020		Paraparaumu		NZL	S40 54 11	E174 59 00	RE79LC	14096	8759	
PP	280.0			Hpapun			N18 04 05	E097 26 47	NK88RB	13136	8162	3
PP	305.0			Guaruja/Londrina		В	S23 19 40	W051 08 58	GG46KQ	7984	4961	
PP	325.0			Pororoca/Anapolis		В	S16 08 38	W048 53 38	GH53NU	7339	4561	148
PP	330.0			Metro/São Paulo		В	S23 38 38	W046 38 40	GG66QI	8194	5091	
PP	354.0	1020	civ	Pamplona		E	N42 52 00	W001 43 01	IN92DU	6052	3761	62
PP	360.0	1020	civ	Manaus/Eduardo Gomes Intl/Rodovia		В	S03 02 18	W060 00 48	FI96XX	5550	3448	
PP	412.0	1020		Pécs				E018 15 00	JN96DB	7180	4461	50
PP PP	415.0 496.0	1020		Paiol/Rio de Janeiro UNID		B ?	S22 52 13	W043 09 55	GG87KD	8268	5138	145
PP	513.0	1020	civ	Omaha/Flick	NE		N41 24 06	W095 53 36	EN21BJ	1374	854	264
PP	606.5	1020	iw	Phillips Ekofisk/Emden GNSC-B-11	INL	IW	N56 20 42	E004 16 24	JO26DI	5758	3578	45
PP	1623.0		IVV	Porto Trombetas		В	S01 29 30	W056 23 54	GI18TM	5527	3434	
PPA	290.0	1020		Primavera/Teodoro Sampaio		В	S22 31 41	W050 25 54 W052 58 07	GG37ML	7836	4869	
PPA	368.0	1020	civ		TX			W100 59 31	DM95MO	2054	1276	
PPA	450.0	1020	OIV	Puerto Plata	17			W070 34 15		2802	1741	
PPC	340.0	1020		Prospect Creek	AK			W150 38 03	BP46QT	4817	2993	
PPD	317.0	1020	civ	Poprad/Tatry				E020 21 13	KN09EB	7101	4413	
PPF	258.0	1020		Parsons	KS			W095 30 31	EM27FI	1537		247
PPI	400.0		civ	South St. Paul/Hopey	MN			W092 56 32	EN34MU	1079		281
PPN	255.0			Popayan				W076 36 51	FJ12QK	4600	2858	
PPQ	344.0	1020		Pittsfield	IL	USA	N39 38 25	W090 46 58	EM49OP	1052	654	247
PQ	203.0			Shantou		CHN	N23 21 42	E116 42 18	OL83II	12378	7691	344
PQ	209.0			Pasagoula/Tlott	MS	USA	N30 32 53	W088 33 11	EM50RN	1685	1047	212
PQ	278.0	1020	civ	Presque Isle/Excal	ME	USA	N46 36 37	W068 01 07	FN56XO	946	588	67
PQ	278.0			Phuquoc		VTN	N10 13 25	E103 57 43	OK10XF	14001	8700	356
PQ	295.0		civ	Ashkhabad		TKM	N37 57 30	E058 24 48	LM97EW	9999	6213	32
PQ	373.0	1020		Tateyama		J	N34 59 38	E139 52 30	PM94WX	10408	6467	329
PQF	248.0	1020	civ	Mesquite/Sunnyvale	TX	USA	N32 48 34	W096 31 45	EM12RT	1927	1198	236
PQN	284.0	1020	civ	Pipestone	MN	USA	N43 59 10	W096 17 47	EN13UX	1350	839	276
PR	212.0		mil	Tomaszow-Mazowiecki/"Porter"		POL						
PR	218.0	1020	civ	Prince Rupert	BC	CAN	N54 15 48	W130 25 26	CO44SG	3805	2364	306
PR	270.0			Parit Buntar		MLA	N04 57 47	E100 37 01	OJ04HX	14593	9068	360

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PR	292.0		-	Puerto Princesa		PHL		E118 45 14	OJ99JR	13788	8568	338
PR	308.0		civ	St. Petersburg/Rzhevka		RUS	N59 59 00	E030 35 00	KO59HX	6861	4264	32
PR	310.0		enr	Oktyabrsky		TJK	N38 32 00	E068 24 06	MM48EM	10322	6414	25
PR	311.0			Principe		STP	N01 39 58	E007 24 44	JJ31QP	9632	5985	91
PR	340.0			Phrae		THA	N18 07 46	E100 09 41	OK08BD	13136	8163	0
PR	344.0			Porbandar		IND	N21 38 28	E069 39 45	ML41TP	12097	7517	30
PR	356.0	400	civ	Praha/Ruzyně/North/Suchdol		CZE	N50 08 39	E014 22 02	JO70ED	6680	4151	48
PR	410.0			Paro			N27 24 01	E089 24 56	NL47QJ	12029	7475	10
PR	477.0			UNID		?						
PR	535.0			Yelizovo/Petropavlovsk-Kamchatskiy			N53 06 48	E158 29 24	QO93FC	7922	4922	328
PR	1005.0			Pravdivka			N48 19 30	E037 41 24	KN88UH	8094	5029	38
PR	1210.0	4000		Peredovaya		RUS		E041 28 00	LN04RC	8639	5368	39
PRA	339.0	1020		Pratica di Mare				E012 27 10	JN61FQ	7102	4413	56
PRA	349.0	1020	CIV	Praia/Francisco Mendes		CPV			HK84GW	6160	3828	103
PRB PRC	245.0 270.0			Sabah 74 Zella 74		LBY LBY		E018 07 00 E017 19 00	JL98BF JL88PN	8454 8369	5253 5200	64 64
PRD	432.0	0		Peyrehorade		F		W001 06 14	IN93KM	6060	3765	61
PRE	395.0	U		Parer				E147 08 25	QI30NQ	14120	8774	
PRF	525.0			Piet Retief		AFS	S26 56 24		KG53JB	13608	8455	98
PRG	341.0	1020		Paris	IL		N39 41 54		EM69DQ	826	513	
PRG	385.0	.020		Paraguana			N11 46 37		FK41WS	3671	2281	163
PRI	327.0	1020		UNID		?						
PRI	364.0		civ	Pristina		YUG	N42 43 43	E021 01 06	KN02MR	7584	4713	51
PRI	367.0	1020		Farmington/Perrine	МО	USA	N37 45 54	W090 25 45	EM47SS	1147	713	237
PRL	352.0			Parkerville		AUS	S31 51 34	E116 07 03	OF88BD	18107	11251	310
PRM	310.0			Paramillo		VEN	N07 48 11	W072 11 59	FJ37VT	4061	2524	168
PRO	251.0	1020	civ	Perry	IA	USA	N41 49 50	W094 09 38	EN21WT	1222	759	264
PRR	225.0	1020		Presidente Prudente		В	S22 11 00	W051 22 31	GG47HT	7858	4883	152
PRS	329.0	1020		Palermo/Punta Raisi		I		E013 06 33	JM68NE	7381	4587	59
PRT	417.0			Florence/Peretola				E011 12 06	JN53OT	6880	4275	55
PRV	353.0	400		Preveza/Aktion				E020 46 00	KM08JW	7844	4874	54
PRZ	407.0	1020	CIV	Portales	NM			W103 24 23	DM84HD	2327	1446	
PS PS	220.0		ois r	Pakse	DΛ		N40 59 09	E105 47 02	OK25VD	13447	8356 212	354
PS	275.0 287.0			Philipsburg/Ports Nouadhibou	PA		N20 51 41	W078 08 41 W017 03 01	FN00WX IL10LU	341 6238	3876	161 93
PS	292.0		CIV	Kazan				E049 12 30	LO45OP	7968	4951	28
PS	295.5	0	mar	Cabo Peñas		E	N43 39 24		IN73BP	5716	3552	63
PS	308.0	·		Peshawar				E071 30 16	MM53SX	10892	6768	24
PS	310.5		mar	Port Said/Bûr Sa'îd				E032 17 36	KM61DG	9187	5708	53
PS	318.5		mar	Ostrov Polonskogo		RUS	N43 37 00	E146 21 00	QN33EO	9300	5779	329
PS	320.0		mil	Tuzla		BIH	N44 27 40	E018 41 44	JN94IL	7317	4547	51
PS	320.0			Asuncion		PRG	S25 12 58	W057 30 48	GG14FS	7973	4954	159
PS	331.0	1020		Pasco/Dunez	WA			W119 00 45	DN06LI	3092	1921	289
PS	339.0			Port Sudan New				E037 14 34	KK89OK	10502	6525	58
PS	369.0	400	civ	Rotterdam				E004 12 38	JO21CU	5969	3709	50
PS	457.0			Krasitsky				E134 53 00	PN77KP	9322	5793	
PS	490.0			Kyzyl			N51 42 00	E094 27 42	NO71FQ	9396	5838	4
PS PSO	625.0			Ostafievo		RUS	N24 06 00	E041 00 10	1104840	10250	6424	ΕO
PS0 PS10	382.0			Pump Station 10 Pump Station 10				E041 02 12 E041 02 12	LL04MC LL04MC	10350 10350	6431 6431	52 52
PS10 PS3	370.0 315.0			Pump Station 10 Pump Station 3				E041 02 12 E047 29 47	LL35RE	10350	6616	52 47
PS6	370.0			Pump Station 6				E047 29 47 E044 58 06	LL24LQ	10540	6549	49
PS9	370.0			Pump Station 9				E042 08 37	LL14BG	10340	6465	51
PSA	370.0	1020		Spessart		D		E009 20 54	JN49QU	6394	3973	50
PSD	339.0	. 525	J111	Port Sudan				E037 14 35	KK89OK	10502	6525	58
PSh	625.0			Ostafevo				E037 31 00	KO85SM	7502	4661	33

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PSH	379.0	1020		Parshall	ND	USA		W102 08 14	DN87WW	1809	1124	292
PSJ	352.0	400	civ	Seinäjoki		FIN	N62 38 32	E022 56 10	KP12LP	6356	3950	32
PSL	431.0	400	iw	BP Exploration/Pickerill Bravo		IW	N53 31 27	E001 09 33	JO03NM	5704	3544	49
PSN	310.0	1020		Piraçununga		В	S21 59 10	W047 20 15	GG68HA	7997	4969	149
PSN	375.0	1020	civ	Palestine	TX	USA	N31 46 49	W095 42 04	EM21DS	1956	1215	232
PSO	264.0			Antonio Narion/Pasto		CLM	N01 23 42	W077 17 21	FJ11IJ	4713	2928	177
PSP	205.0			Presidencia Roque Saenz Pena		ARG	S26 44 50	W060 29 10	FG93SG	8058	5007	162
PSS	338.0	1020	civ	Hastings/Prosser	NE	USA	N40 41 11	W098 28 39	EN00SQ	1605	997	264
PST	338.0	1020	civ	Porto Santo		MDR	N33 04 07	W016 21 30	IM13TB	5499	3417	80
PSZ	290.0			Puerto Suarez		BOL	S18 58 44	W057 49 03	GH11CA	7303	4538	157
PT	201.0			Pattani		THA	N06 47 18	E101 08 53	OJ06NS	14391	8942	359
PT	264.0		civ	Pottstown/Googl	PA	USA	N40 14 53	W075 26 49	FN20GF	524	325	139
PT	283.0	400	civ		ON	CAN	N41 46 46	W082 40 12	EN81PS	352	219	229
PT	285.0	1020	civ	Katowice/Pyrzowice		POL	N50 28 27	E019 09 01	JO90NL	6938	4311	45
PT	295.0		civ	Skopje		MKD	N41 54 51	E021 38 17	KN01TV	7682	4773	52
PT	297.5		mar	Potiyskiy/Poti		GEO	N42 08 00	E041 39 48	LN02TD	8820	5480	40
PT	340.0			Putao		BRM	N27 19 14	E097 26 16	NL87RH	12112	7526	3
PT	360.0		civ	Petropavlovsk			N54 45 12	E069 11 12	MO44OS	8678	5392	18
PT	361.0			UNID		?						
PT	366.0			Patna		IND	N25 34 57		NL25NN	12152	7551	15
PT	440.0		CiV	Berezniki			N59 31 30	E056 51 42	LO89KM	7867	4888	22
PT	475.0			Jingtai				E104 04 06	OM27AE	11017	6846	357
PT	524.0			Klin				E036 44 00	KO86II	7400	4598	33
PT	527.0	4000	civ					E055 49 24	LO74VO	8300	5157	25
PT	713.0	1020		Ptich				E028 48 00	KO42JE	7342	4562	40
PT	826.0	4000		Petrovka				E029 10 00	KN46OM	7787	4839	44
PT PTA	1010.0 250.0	1020 1020	CIV	Petrozavodsk/Besovets/Dalna La Plata			S34 58 00	E034 05 12 W057 53 52	KP71BV GF15BA	6868 9002	4267 5594	29 162
PTB	284.0	1020	civ	Petersburg	VA		N37 07 49	W057 33 32 W077 34 29	FM17FD	768	477	167
PTB	386.0			Pusztaszabolcs	٧A		N47 09 09	E018 44 34	JN97ID	7136	4434	49
PTC	401.0	1020		Porto Colom for Palma de Mallorca		E	N39 25 38	E003 15 24	JM19PK	6608	4106	63
PTD	400.0	1020		Potsdam	NY	USA			FN24NR	376	234	74
PTE	420.0	1020	0.1	Portete			N12 13 23	W071 58 16	FK42AF	3583	2226	166
PTL	345.0	1020		Petrolina		В	S09 22 04	W040 34 03	GI90RP	7084	4402	136
PTM	335.0			Perito Moreno		ARG	S46 32 11	W070 59 10	FE43ML	10052	6246	174
PTN	245.0	1020	civ	Patterson	LA	USA	N29 42 53	W091 20 12	EL49HR	1893	1176	218
PTN	390.0			Portoviejo		EQA	S01 02 46	W080 28 06	EI98SW	4979	3094	181
PTN	415.0			Pathein		BRM	N16 48 05	E094 46 48	NK76JT	13258	8238	6
PTO	355.0			UNID		?						
PTP	340.0	1020		Ponta Porã		В	S22 33 01	W055 42 26	GG27DK	7746	4813	157
PTP	385.0			Pointe a Pitre		GDL	N16 17 01	W061 37 51	FK96EG	3493	2171	146
PTR	306.0			Piotrków Trybunalski		POL	N51 25 00	E019 42 00	JO91UK	6907	4292	44
PTS	340.0	1020		Pelotas		В	S31 42 49	W052 19 50	GF38UG	8815	5477	157
PTS	365.0	1020		Pittsburg	KS	USA	N37 26 33	W094 43 36	EM27PK	1473	916	246
PTT	205.0			Trombetas/Oriximiná		В	S01 29 11	W056 23 52	GI18TM	5526	3434	
PTT	356.0	1020		Pratt	KS		N37 43 26		EM07PR	1761	1094	
PTZ	340.0			Pastaza				W078 02 36	FI08XL	5032		178
PU	296.0			Dongyangjiao				E123 17 36	PN11PM	10277	6386	343
PU	302.0			Pueblo/Mertz	CO			W104 38 49	DM78QG	2197	1365	
PU	303.0	400	CÍV	St. Petersburg/Pulkovo				E030 10 30	KO59CT	6855	4260	33
PU	360.0	_		Phuket				E098 18 22	NJ98DC	14242	8849	3
PU	364.0	0	CIV	Pau Pyrénées		F		W000 18 30	IN93UH	6126	3807	61
PU	407.0	1000		Pietermaritzburg	1.6		S29 39 41		KG50EI	13756	8548	100
PUF	345.0	1020		Estherville/Puff	IA			W094 44 16	EN23PI	1233	766	273
PUR	371.0 370.0	1020	ois r	Marshall	MO AZ		N39 02 31		EM39JB	1266	787	
PUU	379.0	1020	civ	Flagstaff/Pulliam	ΑZ	USA	IC DU CCNI	W111 40 15	DM45DD	2914	1810	202

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
PV	300.0	1020		UNID		?						
PV	300.0			Port Vila		VUT	S17 43 46	E168 17 36	RH42DG	13131	8159	272
PV	335.0			Providence/Rench	RI	USA	N41 38 30	W071 29 41	FN41GP	698	434	108
PV	336.0		civ	Atlantic City/Naada	NJ		N39 29 53	W074 40 21	FM29PL	630	392	
PV	387.0	1020		Providenciales			N21 46 40	W072 15 38	FL31US	2541	1579	163
PV	426.0			UNID		?						
PV	491.0			UNID		?						
PVB	203.0	1020		Platteville	WI		N42 41 17	W090 26 11	EN42SQ	900	559	
PVC	389.0	1020	civ	Provincetown	MA		N42 04 08	W070 13 25	FN42VB	780	484	102
PVG	241.0	1020	CIV	Portsmouth  Double Valle	VA		N36 46 49	W076 26 44	FM16SS	830	516	
PVH PVJ	385.0	1020	ois r	Porto Velho	ОК	В	S08 42 28 N34 42 55	W063 53 54 W097 13 44	FI81BH	6033	3749	
	384.0 376.0	1020		Pauls Valley Deadhorse/Put River	AK				EM14JR	1835	1140	
PVQ PVR	430.0		CIV	El Porvenir	AN		N70 13 23 S20 45 02	W148 25 02 W063 12 02	BQ50SF FG89JF	4713 7347	2928 4566	
PW	250.0			Purwakarta		INS	S06 34 00	E107 27 00	OI33RK	15814	9826	
PW	260.0	700	civ	Sokol			N47 16 00	E142 46 00	QN17JG	9092	5649	
PW	272.0	700	CIV	Phalaborwa			S23 55 03	E031 09 14	KG56NB	13435	8348	94
PW	337.0			Tahiti			S17 34 05	W149 37 41	BH52EK	9844	6117	
PW	345.0	400	civ	Syktyvkar			N61 36 00	E050 48 12	LP51JO	7489	4653	23
PW	394.0			Portland/Orham	ME		N43 39 09	W070 26 27	FN43SP	726	451	89
PW	418.0			Poprad/Tatry West			N49 04 48	E020 04 21	KN09AB	7084	4402	46
PW	426.0	400		Prestwick		G	N55 32 40	W004 40 54	IO75PN	5270	3274	48
PW	440.0			Pavlodar			N52 13 41	E077 07 26	MO82NF	9119	5666	14
PW	815.0	1020	enr	Pavlivka		UKR	N47 44 54	E037 13 30	KN87OR	8118	5044	39
PWC	330.0	1020		Pine River	MN	USA	N46 43 37	W094 23 04	EN26TR	1210	752	290
PWD	251.0	1020	civ	Plentywood	MT	USA	N48 47 24	W104 31 38	DN78RS	1995	1240	295
PWF	245.0	1020	civ	Batavia/Sporty's	ОН	USA	N39 04 36	W084 12 55	EM79VB	666	414	218
PWT	206.0	1020	civ	Bremerton/Kitsap	WA	USA	N47 29 32	W122 45 24	CN87OL	3352	2083	292
PWY	239.0	1020		Hebronville	TX	USA	N27 25 00	W098 36 00	EL07QK	2507	1558	230
PX	389.0	0	civ	Perigueux/Bassillac		F	N45 10 00	E000 54 48	JN05KE	6109	3796	58
PX	705.0			Perm/Bolshoye Savino			N57 57 00	E056 05 24	LO87BW	7992	4966	23
PY	207.0	400	civ	Fort Chipewyan	AB			W111 06 32	DO48KS	2715	1687	
PY	250.0			Apiay			N04 04 29	W073 32 31	FJ34FB	4450	2765	
PY	277.5			Plettenberg Bay		AFS	S34 05 26	E023 19 33	KF15PV	13486	8380	
PY	368.0			Port Moresby			S09 27 40	E147 13 57	QI30OM	14125	8777	
PY	372.0			Le Puy/Loudès		F	N45 01 06	E003 48 54	JN15VA	6314	3923	57 54
PY	396.5	400	CIV	Plymouth/City		G	N50 25 28	W004 06 44	IO70WK	5511	3424	54 256
PY PYA	400.0 260.0	1020 1020	civ	Penrhyn Penn Yan	NY	CKH	S08 59 39 N42 38 38	W158 02 38 W077 03 21	BI01XA FN12LP	9796 240	6087 149	
PYC	290.0	1020	CIV	Pitsand/Kuparuk	AK			W149 38 07	BQ50EH	4759	2957	
PYD	414.0	1020		Mercury/Groom Lake/Pyramid	NV		N37 13 38		DM27BF	3144	1953	
PYF	418.0	1020		Fairfield	TX			W096 11 51	EM11VU	1981	1231	
PYG	270.0	1020	civ	Pageland	SC			W080 20 17	EM94TR	1019		185
PYX	266.0	1020		Perryton	TX			W100 44 53	DM96PJ	1988	1235	
PZ	257.0			Pietermaritzburg			S29 42 20	E030 26 58	KG50FH	13762	8551	
PZ	321.0			UNID		?						
PZ	388.0	1020	civ	Portoroz		SVN	N45 28 39	E013 36 54	JN65TL	6929	4306	52
PZ	485.0		civ	Nadym		RUS	N65 26 18	E072 44 24	MP65IK	7646	4751	12
PZ	610.0		civ	Joshkar-Ola		RUS	N56 43 00	E047 54 00	LO36WR	7823	4861	28
PZ	611.0		civ	Petrozavodsk		RUS	N61 53 00	E034 09 00	KP71BV	6871	4269	29
PZA	300.0			Puerto Esperanza			S09 45 18	W070 44 18	FI40PF	6006	3732	169
PZN	471.0			UNID		?						
PZO	329.0	1020	civ	Peebles	ОН			W083 19 37	EM88IW	640		212
PZP	336.0			Zandery				W055 13 10	GJ25JK	4875	3029	
PZQ	215.0	1020		Rogers City/Presque Islands	MI			W083 49 13	EN85CJ	384		297
Q	195.0		civ	Vladivostok/Knevichi		RUS	N43 22 30	E132 07 30	PN63BJ	9842	6116	338

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
Q	297.0			Joshkar-Ola			N56 43 00	E047 54 00	LO36WR	7823	4861	28
Q	315.0	400	civ	Kajaani		FIN	N64 17 00	E027 39 00	KP34TG	6448	4006	29
Q	356.0	400	civ	Churchill/Quebec	MB	CAN	N58 46 27	W094 10 37	EO28VS	1938	1204	334
Q	364.0			UNID		?						
Q	406.0		civ	St. Petersburg/Rzhevka		RUS	N59 59 12	E030 37 06	KO59HX	6863	4264	32
Q	426.0			Petrozavodsk		RUS	N61 53 00	E034 09 00	KP71BV	6871	4269	29
Q	430.0			Novgorod		RUS						
Q	442.0			UNID		?						
Q	454.0		civ	Moscow/Bykovo		RUS		E038 01 30	KO95AP	7515	4670	33
Q	560.0		civ	Pevek		RUS	N69 48 12	E170 34 38	RP59GT	6195	3849	337
Q	625.0			UNID		?						
Q	650.0			Roschino/Tyumen Northwest			N57 11 30	E065 20 00	MO27QE	8332	5177	19
Q	700.0	1020	civ					E034 10 30	KP71CV	6870	4269	29
Q	749.0			Ekaterinburg/Koltsovo				E060 45 54	MO06JR	8250	5126	21
Q	1040.0		civ	Yelizovo/Petropavlovsk-Kamchatskiy				E158 26 12	QO93FE	7917	4920	328
Q	930.0		civ	Minsk/Machulischchi			N53 48 00	E027 34 00	KO33ST	7162	4450	39
Q O1	1040.0	400	civ	Petropavlovsk-Kamchatskiy/Elizovo	MD	KAZ	NEO 40 00	W000 00 04	FORED	0400	4000	000
Q1	389.0	400	civ	Tadoule Lake	MB		N58 43 36	W098 30 01	EO08RR	2102	1306	328
Q5	300.0	400	civ		AB		N53 55 05	W118 52 05	DO03NW	3049	1895	306
QA OA	338.0	1000	civ			E	N41 15 54	E001 59 05 E036 05 40	JN01XG	6406	3981	62
QA OA	410.0 680.0	1020	CIV	Amman/Queen Alia Intl			N31 43 50 N67 38 00		KM81BR LP67NP	9388	5834 4359	50 18
QA QA	680.0			Naryan Mar Ekimchan				E053 07 00 E132 49 00	PO63JD	7015 8821	5481	341
QA QA	715.0			Ostrov-Verete			N57 18 00	E028 26 00	KO47FH	6955	4322	36
QB	230.0	400	civ	Quebec	QC		N46 44 59	W071 27 45	FN46GR	702	436	60
QB	298.0	400		Akchi	QC		N43 58 00	E076 20 00	MN83EX	9981	6202	17
QB	443.0		OIV	Hunshuitang			N25 06 30	E102 56 00	OL15LC	12360	7680	
QB	1250.0			UNID		?	1120 00 00	2.02.00.00	021020	12000	. 000	000
QCD	353.0	1020		Cedar Hill	TX		N32 32 28	W096 58 35	EM12MM	1978	1229	236
QCh	735.0		civ				N52 48 00	E041 29 00	LO02RT	7900	4909	33
QD	284.0	400	civ		MB	CAN	N53 58 43	W101 04 51	DO93LX	1928	1198	313
QD	340.0	400*	civ	Petrozavodsk/Besovets		RUS	N61 56 24	E034 12 24	KP71CW	6869	4268	29
QD	400.0		civ	Vladivostok/Knevichi		RUS	N43 22 00	E132 04 06	PN63AI	9845	6117	338
QD	430.0			Petrozavodsk		RUS	N61 53 00	E034 09 00	KP71BV	6871	4269	29
QD	578.0			Heihe		CHN	N50 06 00	E127 20 06	PO30QC	9272	5761	343
QD	605.0			Orel/Yuzhny		RUS	N52 59 00	E036 06 00	KO82BX	7640	4747	36
QDI	386.0			Quirindi		AUS	S31 29 34	E150 31 26	QF58GM	15479	9618	271
QE	308.0			St. Petersburg/Rzhevka			N59 59 00	E030 35 00	KO59HX	6861	4264	32
QF	315.0			Roschino/Tyumen Northwest				E065 22 03	MO27QF	8331	5176	19
QG	353.0	400	civ	Windsor	ON			W082 52 07	EN82NH	329	204	
QG	435.0	400		Yegriykskaya	\ <del>(T</del>		N46 53 00	E040 40 00	LN06IV	8362	5196	38
QH	248.0	400		Watson Lake	ΥT			W128 50 45	CP50NE	3724	2314	
QH	330.0		CIV	Pechora				E057 07 48	LP85NC	7347	4565	19
QI OI	162.0	400	ois r	Jingning Yarmayth	NC			E105 42 36 W066 07 34	OM25UM	11194	6956	
QI QI	206.0 222.0	400		Yarmouth Moscow/Bykovo	NS			E038 04 00	FN63WT KO95AO	1071 7518	666 4671	86 33
QI QI	335.0		CIV	Troitskoye				E136 34 00	PN89GK	9087	5646	
۵٦	253.0			Shenzhen				E113 43 48	OL62UT	12499	7767	
۵٦	305.0			UNID		?	1122 77 72	L110 40 40	OLUZUT	12400	1101	047
QJ	1155.0		enr	Surikova			N56 58 00	E091 25 00	NO56RX	8793	5464	5
QL	248.0	400		Lethbridge	AB		N49 36 19	W112 53 38	DN39NO	2609	1621	
QL	267.0			Quelimane				E036 52 00	KH82KE	13464	8366	85
QL	305.0			Camau				E105 10 36	OJ29OE	14109	8767	
QL	307.0			Queen Alia (Locator)				E036 01 37	KM81AR	9384	5831	51
QL	332.0			UNID		?						
QL	470.0			Taganrog-Centr.		RUS	N47 15 00	E038 50 00	KN97KG	8240	5120	39

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
QL	694.0	112		Algasovo	O/I		N53 41 00	E041 41 00	LO03UQ	7834	4868	33
QM	215.0			Shumerlya			N55 31 00	E046 27 00	LO35FM	7873	4892	29
QM	224.0	400		Moncton	NB		N46 06 36	W064 34 55	FN76RC	1197	744	73
QM	423.0			Yanbu		CHN	N23 06 12	E113 08 48	OL63NC	12476	7752	348
QM	458.0	800	civ	Minsk/Machulishchi		BLR	N53 49 12	E027 33 12	KO33ST	7160	4449	39
QN	219.0			Qala-I-Naw		AFG	N35 00 00	E063 10 00	MM15OA	10487	6516	30
QN	233.0	400	civ	Nakina	ON	CAN	N50 10 48	W086 37 45	EO60QE	885	550	325
QN	346.0			UNID		?						
QN	381.0			UNID		?						
QO	732.0	800	enr	Aksinyino		RUS	N55 09 00	E038 17 24	KO95DD	7565	4701	33
QP	213.0			Ertang		CHN	N24 39 24	E110 47 36	OL54JP	12343	7669	350
QP	426.0			Novgorod		RUS						
QQ	245.0			Santa Cruz		В	S22 49 03	W043 40 38	GG87DE	8240	5120	146
QQ	336.0		enr	Qaanaaq		GRL	N77 28 45	W069 19 33	FQ57IL	3770	2342	4
QQ	395.0	1020		Foz do Iguaçu		В	S25 35 03	W054 30 09	GG24RJ	8104	5035	
QQ	400.0	400*		Comox	BC		N49 45 14	W124 57 29	CN79MS	3477	2161	297
QR	290.0	400		Regina	SK			W104 34 23	DO70RI	2025	1258	300
QR	750.0	400		Novolokti			N54 23 00	E082 56 00 W051 34 56	NO14LJ	8986	5584	10
QT QT	258.0 332.0	400 400	civ	Godthåb/Nuuk Thunder Bay	ON		N64 20 37 N48 20 48	W089 26 01	GP44FI EN58GI	2867 915	1782 569	28 306
QT	348.0	400	CIV	Quetta	ON		N30 15 00	E066 56 00	MM30LG	11113	6906	29
QT	630.0	1020	onr	Belokholunitsky			N58 53 00	E050 52 00	LO58KV	7735	4806	25
QU	221.0	400		•	AB		N55 08 16	W118 48 51	DO05OD	3060	1902	
QU	240.0	400	0.1	Beijing	, , ,		N39 59 35	E116 36 37	OM89HX	10575	6571	348
QU	770.0		enr	Mikhaylovka			N55 04 00	E057 04 00	LO85MB	8297	5155	24
QV	385.0	400		Yorkton	SK		N51 12 58	W102 32 31	DO81RF	1908	1186	
QW	272.0		civ	Pevek		RUS	N69 49 18	E170 34 06	RP59GT	6194	3849	337
QW	302.0	400	civ	North Battleford	SK	CAN	N52 48 14	W108 20 07	DO52TT	2338	1453	305
QX	243.0			Guangzhou		CHN	N23 15 12	E113 18 24	OL63PG	12457	7740	347
QX	280.0	400	civ	Gander/International	NL	CAN	N48 57 52	W054 40 06	GN28PX	1977	1228	65
QX	1250.0		civ	Yuzhny Alamyshik		KGZ						
QY	263.0	400		•	NS	CAN	N46 12 41	W059 58 32	GN06AF	1552	964	74
QYa	610.0		civ	Joshkar-Ola			N56 43 00	E047 54 00	LO36WR	7823	4861	28
QYu	785.0			Beloyarskij			N63 41 00	E066 42 00	MP33IQ	7711	4791	15
QZ	304.0			Vadodara		IND	N22 20 05	E073 12 34	ML62OI	12161	7557	27
QZ	497.0		CİV	,		RUS RUS	N56 54 00	E093 10 00	NO66OV	8812	5476	4
R R	150.0 225.0		civ	Novosibirsk/Tolmachevo Zhitomir			N50 10 00	E028 41 00	KO40IE	7486	4651	41
R	231.0			Malacky-Kuchyna				E017 07 06	JN88NJ	6955	4322	48
R	258.0			Ostrava/Mošnov/Rada				E018 05 08	JN99BQ	6929	4305	47
R	274.0		0	Romeo				W074 06 09	FJ24WQ	4377	2720	172
R	286.0		civ	Penza			N53 06 30	E044 59 30	LO23LC	8024	4986	31
R	298.0	400	civ			CHL	S20 30 47	W070 10 48	FG49VL	7194	4470	170
R	305.0			Rio Cuarto		ARG	S33 06 42	W064 16 30	FF76UV	8665	5384	167
R	305.0			Arica		CHL	S18 22 18	W070 20 50	FH41TP	6956	4323	170
R	305.0			Antofagasta		CHL	S23 28 13	W070 26 55	FG46SM	7515	4670	171
R	305.0			Mataveri		PAQ	S27 09 22	W109 26 26	DG52GU	8441	5245	
R	315.0			Guayaquil			S02 07 58	W079 52 08	FI07BU	5098	3168	181
R	323.0			UNID		?				_		
R	330.0	455-		La Paz				W068 13 07	FH53VL	6785	4216	
R	341.5	1020		Rzeszów/Jasionka				E022 06 30	KO10BC	7130	4431	44
R	353.0	400		Kurgan				E065 22 30	MO25QK	8507	5286	20
R	357.0	400		Rovaniemi		FIN		E025 52 00	KP26WO	6235	3874	28 47
R	375.0 376.0	400*		Varna Pärnu				E027 51 24 E024 29 45	KN33WF KO28FK	7963 6693	4948 4159	47 36
R R	376.0	400"		Mariupol				E024 29 45 E037 28 00	KO28FK KN87RC	8185	5086	36 39
IV.	300.0		CIV	ινιατιαροι		UNK	1447 00 30	LU31 20 UU	MNO/RU	0100	5000	39

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
R	381.0		civ	Budapest/Ferihegy		HNG	N47 25 01	E019 18 13	JN97PK	7152	4444	48
R	402.0			Cochabamba		BOL	S17 23 45	W066 15 46	FH62UO	6918	4299	166
R	402.0		neg	RA-402		CZE	N48 56 48	E014 31 00	JN78GW	6764	4203	49
R	412.0	800	civ	Caransebes		ROU	N45 26 36	E022 13 42	KN15CK	7464	4638	48
R	416.5	400	pri	Arvika		S	N59 39 48	E012 38 24	JO69HP	6044	3755	39
R	417.0	400	joi	Gävle/Sandviken		S	N60 36 45	E016 57 07	JP80LO	6203	3855	36
R	435.0		civ	Ufa		RUS	N54 34 36	E055 52 06	LO74WN	8303	5160	25
R	485.0		civ	Urgench		UZB	N41 36 00	E060 37 30	MN01HO	9733	6048	29
R	509.0			Chernivtsi		UKR	N48 14 30	E026 01 00	KN38AF	7482	4649	44
R	534.0		civ	Ostrava/Mošnov/Rada		CZE	N49 40 48	E018 05 06	JN99BQ	6929	4305	47
R	585.0		civ	Tbilisi/Lochini/Novoalekseevka		GEO	N41 40 18	E044 57 18	LN21LQ	9028	5610	39
R	597.0		civ	Novosibirsk/Tolmachevo		RUS	N55 00 30	E082 36 30	NO15HA	8914	5539	10
R	610.0		civ	Zavitinsk		RUS	N50 12 30	E129 28 30	PO40RE	9209	5722	342
R	618.0			Karaganda		KAZ	N49 39 29	E073 18 08	MN69PP	9308	5783	17
R	650.0		civ	Roschino/Tyumen Northwest		RUS	N57 09 30	E065 16 00	MO27PD	8334	5178	19
R	678.0		civ	Kharkiv/Osnova		UKR	N49 55 29	E036 15 53	KN89DW	7893	4904	38
R	680.0		civ	Tsentralny/Omsk		RUS	N54 57 30	E073 17 00	MO64PW	8751	5438	16
R	687.0		civ	Dnipropetrovsk		UKR	N48 21 26	E035 08 00	KN78NI	7962	4948	40
R	733.0		civ	Petropavlovsk		KAZ	N54 44 00	E069 09 00	MO44NR	8679	5393	18
R	735.0		civ	Sevastopol		UKR	N44 41 30	E033 35 00	KN64TQ	8174	5079	43
R	760.0	400*	civ	Moscow/Ramenskoe		RUS		E038 11 00	KO95CM	7532	4680	33
R	795.0		civ	Krasnoyarsk			N56 10 00		NO66GE	8890	5524	5
R	820.0		civ	Sovetskaya Gavan				E140 08 30	QN09BF	8993	5588	335
R -	830.0		mil	České Budějovice		CZE	N48 56 47	E014 27 30	JN78FW	6761	4201	49
R	865.0		civ	Kurgan		RUS	1100 00 00	E077 40 00	MADOODD	0007	5040	
R	880.0		civ	Raduzhnyy			N62 08 30	E077 19 30	MP82PD	8067	5013	11
R	930.0 960.0		civ	Neryungi/Chulman		RUS		E124 52 00	PO26KV	8605	5347	347
R	960.0		civ	Chisinau			N46 55 38 N53 22 30	E028 53 37 E058 45 00	KN46KW LO93JJ	7741 8515	4810 5291	44 24
R R	1210.0		civ civ	Magnitogorsk Tretyakovo/Luhovitsi				E038 59 00	KO94LV	7615	4732	33
R	1290.0	400*	civ	Murmansk/Murmashi South			N68 45 50	E032 46 45	KP68JS	6335	3937	24
R1	275.0	400		Thetford Mines	QC		N46 02 44		FN46IB	689	428	67
R4	306.0	.00	civ	Primrose/Wiau Lake	AB		N55 23 43	W111 07 38	DO45KJ	2588	1608	311
R5	367.0			Pukatawagan	MB		N55 44 57	W101 15 41	DO95IR	2034	1264	318
RA	202.0			Lungtang				E121 15 12	PL04PU	12105	7522	340
RA	206.0	1020	civ	Racine/Pacer	WI	USA	N42 40 57	W087 53 58	EN62BQ	698	434	262
RA	254.0	1020	civ	Rapid City/Ranch	SD	USA	N43 57 53	W102 59 56	DN83MX	1884	1171	279
RA	305.0			UNID		?						
RA	326.0		iw	DUC Tyra TW-E		IW	N55 42 58	E004 45 58	JO25JR	5815	3613	45
RA	326.0		iw	DUC Tyra TE-E		IW	N55 43 17	E004 48 07	JO25JR	5817	3614	45
RA	337.5			Rand			S26 25 26	E028 15 50	KG43DN	13374	8310	99
RA	339.0		civ	Ras Al Khaimah				E055 55 44	LL75XP	11068	6877	40
RA	368.0		civ	Mo i Rana/Røssvold				E014 01 54	JP76AH	5786	3595	31
RA	398.0			Manyani				E038 30 03	KI96GV	12462	7744	72
RA	402.0	1020		České Budějovice/"Renta"				E014 30 55	JN78GW	6764	4203	49
RA	405.0		joi	Kleyate/Rene Mouawad		LBN		E036 04 59	KM84AO	9147	5684	49
RA	410.0	400	civ	Raufarhöfn		ISL	N66 27 01		IP26AK	4479	2783	34
RA DA	419.0	400	iw	Tyra East A		IW ?	N55 43 18	E004 48 12	JO25JR	5817	3614	45
RA BA	1160.0 1175.0	400*		UNID Pokutna			NEO 40 00	E035 51 00	KO70MT	7802	4848	20
RA RAF	260.0	1020	civ	Rokytna Rafsanjan		IRN		E035 51 00 E056 03 20	KO70WT LM80AH	10630	6605	38 37
RAK	386.0			Rakovník				E030 03 20 E013 41 27	JO60UC	6643	4128	48
RAN	392.0	400		Lappeenranta/Ranta		FIN		E013 41 27 E028 00 57	KP41AA	6679	4150	32
RAS	318.0	700		Ras Al Mishab				E048 36 44	LL48HB	10447	6492	44
RB	297.5			Mys Kurbatova				E156 28 42	QO80FU	8203	5097	
RB	301.1			Rumeli Burnu				E029 06 36	KN41NF	8191	5090	48

Call	kHz	Hz	T	Station	S/P	ITU	Lat	Long	Loc	km	mi	٥
RB	337.0			Richards Bay		AFS	S28 45 37	E032 04 38	KG61AF	13830	8594	98
RB	350.0	400	civ	Resolute Bay	NU	CAN	N74 44 49	W094 59 42	EQ24MR	3522	2189	352
RB	357.0			Eda		J	N35 33 35	E139 32 28	PM95SN	10365	6441	329
RB	365.0			Ajaccio/Campo del Oro		F	N41 56 54		JN41JW	6839	4250	58
RB	375.0	400	pri	Örebro		S	N59 08 02	E015 00 11	JO79MD	6190	3846	38
RB	445.0	1020		UNID		?						
RB	510.0			UNID		?	1145.07.00	5000 50 00	14105140	0.400	-0-0	40
RB	535.0	4000		Gvardeyskoe			N45 07 00	E033 59 00	KN65XC	8162	5072	43
RBC RBD	355.0	1020	ois r	Branco Dellas/Radhird	TV	В		W067 53 49 W096 52 16	FI60BD	6067	3770	166 236
RBE	287.0 341.0	1020 1020	civ civ	Dallas/Redbird Bassett/Rock Co	TX NE		N42 34 25	W099 34 40	EM12NQ EN02FN	1961 1637	1218 1017	
RBG	400.0	1020		Roseburg	OR			W123 21 29	CN83HF	3505	2178	
RBJ	220.0	1020		Tucson/Robles	AZ			W123 21 29 W111 21 37	DM42HB	3069	1907	
RBJ	306.0	1020	CIV	Rajbiraj	72			E086 44 17	NL36IM	12082	7507	13
RBK	332.0			Abu Bakr				E032 55 18	KL68LN	9451	5873	55
RBN	313.0			Rabinal			N15 00 41		EK45SA	3368	2093	202
RBQ	330.0			Rurrenabaque			S14 30 05	W067 27 31	FH65GL	6580	4089	166
RBR	270.0		civ	Rio Branco/Presidente Medici		В	S09 59 30	W067 48 24	FI60CA	6082	3779	166
RBU	352.0	400	civ	Røros/Rambu		NOR	N62 30 22	E011 33 25	JP52SM	5852	3636	36
RBW	221.0	1020	civ	Walterboro	SC	USA	N32 55 33	W080 38 25	EM92QW	1222	759	185
RC	193.0		enr	Makhtaly		KAZ	N40 59 00	E068 14 00	MN40CX	10065	6254	24
RC	275.0			Yinchuan		CHN	N38 27 00	E106 08 48	OM38BK	10867	6753	356
RC	285.0			Ranchi		IND	N23 19 01	E085 19 18	NL23PH	12403	7707	15
RC	342.0			Berdyansk			N46 49 00	E036 46 00	KN86JT	8171	5077	40
RC	345.0			Ruacana			S17 25 05	E014 22 23	JH72EN	11635	7229	100
RC	385.0			Kwekwe			S18 56 07	E029 48 17	KH41VB	12978	8064	91
RC	400.0	1020		UNID		?						
RC	425.0	1020	CIV	Pärnu		EST	N58 29 27	E024 34 18	KO28GL	6693	4159	36
RC RCA	608.0 325.0	1020	ioi	UNID		?	N20 00 47	E015 39 01	JM78TA	7568	4702	58
RCF	400.0	1020 400*	joi	Reggio Calabria UNID		?	1130 00 47	E015 39 01	JIVITOTA	7300	4702	56
RCH	369.0	400	nri	Rochester		: G	N51 21 14	E000 30 13	JO01GI	5764	3582	52
RCL	280.0	1020	Pii	Rio Claro		В	S22 25 49	W047 33 45	GG67FN	8033	4991	149
RCR	216.0	1020	civ	Rochester	IN			W086 11 25	EN61VB	636	395	
RCX	356.0	1020		Ladysmith/Rusk County	WI		N45 30 07		EN45LM	931	579	285
RCZ	375.0	1020		Rockingham/Roscoe	NC	USA	N34 51 10	W079 41 37	FM04DU	1004	624	181
RD	253.0		enr	Yeniseysk		RUS	N58 28 00	E092 07 06	NO68BL	8632	5364	5
RD	297.5		mar	Mys Brinera/Tetyukhe		RUS	N44 20 15	E130 50 32	PN54KI	9781	6078	339
RD	303.0			UNID		?						
RD	307.5			Rand				E028 05 23	KG43BQ	13353	8297	99
RD	314.0			Miranda				E175 17 55	RF72PT	13861	8613	
RD	315.5			Reydovyy/Ust-Kamchatsk				E162 31 00	RO16GF	7491	4655	
RD	330.0	4000		Rovno	- ΓΑ			E026 08 00	KO30BO	7316	4546	42
RD	356.0	1020		Reading/Shapp	PA			W075 56 58	FN20AH	493		143
RD BD	367.0	1020		Redding/Lassn	CA			W122 17 41	CN80UJ	3523	2189	
RD RD	382.0 393.0	400	CIV	Rayleigh/Durham/Greon UNID	NC	05A ?	N35 47 49	W078 52 58	FM05NT	901	500	177
RD	411.0	1020	civ	Redmond/Bodey	OR		N44 18 20	W121 01 08	CN94LH	3292	2046	286
RD	419.0	400		Västerås/Hasslö	JIX	S		E016 36 30	JO89HM	6248	3882	38
RD	427.0	100		Kurgan				E065 25 00	MO25RL	8507	5286	20
RD	445.0	400		Bazarnye Mataki				E049 55 00	LO44XV	8062	5010	28
RD	608.0			UNID		?						
RD	622.0			Tsernigov-Pevchy		UKR	N51 33 00	E031 19 00	KO51PN	7518	4671	39
RD	635.0	400*	civ	Murmansk/Murmashi South		RUS	N68 44 36	E032 49 06	KP68JR	6338	3938	24
RD	708.0		civ	Kurgan		RUS	N55 26 06	E065 22 30	MO25QK	8510	5288	20
RDK	230.0	1020		Red Oak	IA	USA	N41 00 58	W095 15 12	EN21IA	1336	830	262

Call	<b>₩</b> ₩~	Ц-	т	Station	S/P	ITII	Lot	Long	Loo	km	mi	0
Call RDL	343.0	<b>Hz</b> 400	<b>T</b> pri	Station Redhill	3/17	<b>ITU</b> G	N51 12 58	<b>Long</b> W000 08 25	Loc IO91WF	<b>km</b> 5730	<b>mi</b> 3560	52
RDN	350.0	700	•	Abu Rudeis				E033 12 24	KL68OV	9441	5866	54
RDW	287.5		CIV	Rand				E028 09 46	KG43BR	13355	8299	99
RE	236.0			Namrole		INS		E126 41 57	PI36ID	14883	9248	323
RE	316.0			Reykjanesskoli		ISL		W022 25 54	HP85SW	4184	2600	34
RE	319.0			Roi Et				E103 46 42	OK16VC	13352	8297	356
RE	327.5			Reao				W136 26 00	CH11SM	9013	5600	234
RE	381.0			Pyeongtaek				E127 01 47	PM36MX	10661	6624	
RE	479.0			UNID		?						
RE	1065.0	1020		UNID		?						
REA	370.0			Riberalta		BOL	S11 00 45	W066 06 09	FH68WX	6229	3870	164
RED	203.0	1020	civ	Red Lodge	MT	USA	N45 14 24	W109 15 52	DN55IF	2359	1466	284
REK	379.0	400		Reksten		NOR	N61 33 46	E004 50 58	JP21KN	5568	3460	38
REN	200.0			Renmark		AUS	S34 11 32	E140 40 33	QF05IT	16423	10205	274
REN	226.0	1020		Warren	AR	USA	N33 32 49	W092 05 46	EM33WN	1586	986	228
RES	424.0	1020	joi	Reus		Ε	N41 08 52	E001 08 46	JN01ND	6354	3948	62
RET	286.0			UNID		?						
REU	340.0		civ	Retalhuleu		GTM	N14 31 18	W091 41 48	EK44DM	3458	2149	203
REY	290.0			Reyes		BOL	S14 19 25	W067 23 32	FH65HQ	6562	4077	166
RF	275.0	1020	civ	Rockford/Gilmy	IL	USA	N42 06 52	W089 05 55	EN52KC	810	503	259
RF	285.0			Tbilisi/Lochini				E044 59 54	LN21LP	9033	5613	39
RF	324.0	1020		Ladozhskaya		RUS		E039 55 00	KN95XG	8460	5257	39
RF	330.0	1020				ISL		W023 49 12	HP84CV	4106	2551	36
RF	480.0		civ	Magnitogorsk			N53 20 42	E058 44 00	LO93II	8517	5292	24
RF	579.0			UNID		?						
RFB	369.0	400	iw	British Gas/Rough Bravo Delta		IW	N53 49 59	E000 26 26	JO03FT	5646	3508	49
RFE	344.0	1020		Rutherfordton/Rutherford	NC		N35 20 56		EM95AI	973	604	194
RG	210.0			Ruteng				E120 28 10	PI01FJ	15647	9722	328
RG	212.0		CIV	Ufa Channelin				E055 50 42	LO74WO	8300	5158	25
RG RG	247.0 274.0	1020	oiv	Changdu Red Wing	MANI		N44 35 52	E097 10 36 W092 38 52	NM81OD EN34QO	11687 1055	7262 656	3 279
RG	290.0	1020		Rio Grande/Canal	MN	В	S32 08 58	W052 06 13	GF37WU	8868	5510	157
RG	290.0	1020		Karaganda				E073 16 08	MN69PP	9308	5784	17
RG	305.0		CIV	Rwegura		BDI	S02 54 59	E029 31 07	KI47SC	11750	7301	79
RG	315.0		civ	Yaroslavl/Tunoshna				E040 14 18	LO07CN	7450	4629	30
RG	335.0		0	Rachgia				E105 08 01	OJ29NW	14024	8714	354
RG	340.0		civ	Lozovatka/Kryvyi Rih				E033 12 59	KN68OC	7884	4899	41
RG	342.0	400		Meknès/Bassatine				W005 22 00	IM73HV	6308	3920	73
RG	350.0	1020	civ	Oklahoma City/Gally	OK	USA	N35 17 42	W097 35 19	EM15EH	1821	1131	245
RG	352.0	1020		Rarotonga		CKH	S21 12 30	W159 49 18	BG08CT	10881	6761	248
RG	356.0			UNID		?						
RG	367.0			UNID		?						
RG	381.0	400	mil	Rygge/Tune		NOR	N59 19 29	E011 00 19	JO59MH	5978	3715	39
RG	452.5			Rustenburg		AFS	S25 39 00	E027 17 00	KG34PI	13244	8229	99
RG	473.0	400*	civ	Chisinau/Kishinev		MDA	N46 55 36	E028 51 24	KN46KW	7739	4809	44
RG	983.0		civ	Urgench				E060 36 06	MN01HO	9730	6046	29
RGE	426.0			Rybnik				E018 33 00	JO90GC	6928	4305	46
RGN	310.0		enr	Reggan				E000 16 57	JL06DQ	7217	4485	76
RH	272.0	1020		Rhinelander/Arsha	WI			W089 37 08	EN55EP	827	514	287
RH	323.0		iw	Petroland A		IW	N53 43 31	E004 05 56	JO23BR	5871	3648	48
RH	325.0	1020		Reykholt		ISL		W021 17 11	HP94IP	4223	2624	36
RH	326.0	0	civ	Brive/La Roche		F		E001 33 42	JN05SC	6157	3826	58
RH	391.0	4655		Ruhengeri				E029 38 03	KI48TL	11649	7238	77
RHC	295.0	1020		Riohacha				W072 55 04	FK31MM	3642	2263	168
RHZ	253.0	400		Zephyr Hills	FL			W082 09 25	EL88WF	1755	1091	189
RI	201.0	400	CIV	Rivière-du-Loup	QC	CAN	N4/4549	W069 34 41	FN57FS	879	546	57

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
RI	217.0	1020	-	Riverton	WY			W108 18 00	DN53UA	2325	1444	278
RI	289.0	1020	civ	Rijeka/Krk				E014 39 11	JN75HD	7017	4360	52
RI	410.0		enr	Boguchany		RUS	N58 23 00	E097 27 00	NO88RJ	8664	5384	2
RI	465.0			Richards Bay		AFS	S28 41 05	E032 08 09	KG61BH	13830	8594	98
RIB	245.0	1020		Ribas do Rio Pardo		В	S20 28 02	W053 45 02	GG39CM	7594	4719	154
RIC	347.0	1020		Richmond		AUS	S33 35 49	E150 46 35	QF56JJ	15579	9681	268
RIE	407.0		civ	Rice Lake	WI	USA	N45 28 46	W091 43 15	EN45DL	987	613	285
RIM	335.0	1020	joi	Rimini/Miramare		I	N44 04 45	E012 30 22	JN64GB	6948	4318	54
RIO	201.0			Rioja		PRU	S06 01 48	W077 10 09	FI13JX	5534	3438	177
RIO	212.0			Riobamba		EQA	S01 39 19	W078 39 21	FI08QI	5046	3135	179
RIO	410.0	400		UNID		?						
RIV	371.0		mil	Rivolto		I	N45 56 07		JN65LW	6857	4261	52
RJ	228.0			Rajshahi			N24 26 33	E088 36 49	NL44HK	12341	7668	12
RJ	378.0	400		Roberval	QC		N48 32 41	W072 17 40	FN38UN	756	470	44
RJ	445.0	400		Gyzylarbat/Arvat/Serdar			N39 00 00		LM89DA	9808	6094	33
RJ	450.0			Mitiga		LBY		E013 21 06	JM62QV	7769	4828	63
RJ	537.0		CIV	Tretyakovo/Luhovitsi			N54 55 18	E038 56 54	KO94LW	7613	4730	33
RJD	226.0	4000		Ridgely	MD		N38 58 06	W075 52 11	FM28BX	624	388	150
RK	249.0	1020	CIV	Suffolk/Waley	VA		N36 35 58		FM16QO	845	525	163
RK	257.0	1020		Rockhampton			S23 22 15		QG56FP	14955	9292	280
RK	288.0		CIV	Khanskaya			N44 41 00		LN04AQ	8517	5292	40
RK	290.0		mar	Rahim Yar Khan			N28 24 41	E070 18 13	ML58DJ	11428	7101	27
RK RK	315.5 329.0		mar	Mys Vasilieva			N64 34 30 N22 18 39	E178 32 54 E070 47 11	RP94GN ML52JH	6225 12073	3868 7502	330 29
RK	334.0			Rajkot Nivenskoe		IND		E020 36 00	KO04HN	6750	4195	41
RK	340.0			Osaka		J		E135 33 04	PM74SQ	10611	6593	332
RK	355.0	1020	civ	Reykjavik		ISL	N64 09 05		HP84XD	4183	2599	37
RK	368.0	400						E011 59 50	JO55XO	6224	3868	43
RK	384.0	400		Ras Al Khaimah				E055 56 48	LL75XO	11074	6881	40
RK	389.0	400		Turku		FIN		E022 04 36	KP10AM	6449	4007	35
RK	392.0		0	UNID		?				0.10		
RK	680.0		civ	Naryan Mar		RUS	N67 38 24	E053 07 30	LP67NP	7014	4358	18
RKM	234.0			Chaurijhari		NPL	N28 37 37	E082 11 35	NL18CP	11760	7307	17
RKP	391.0	1020		Rockport	TX	USA	N28 05 26	W097 02 48	EL18LC	2354	1463	228
RL	218.0	400	civ	Red Lake	ON	CAN	N51 03 39	W093 47 06	EO31CB	1338	832	312
RL	260.0	1020	civ	Richland/Riboo	WA	USA	N46 22 14	W119 15 33	DN06II	3110	1932	289
RL	291.5		mar	Kruglyy		RUS	N52 04 00	E158 20 00	QO92EB	8018	4982	327
RL	315.0			Hami		CHN	N42 51 00	E093 38 00	NN62TU	10371	6445	5
RL	322.0	0	civ	La Rochelle/Laleu		F	N46 10 36	W001 05 54	IN96KE	5917	3677	58
RL	390.0		civ	Krasnoyarsk				E092 37 24	NO66HD	8891	5525	5
RL	399.0			Waterville/Bracy	ME		N44 27 37		FN54DL	780	484	82
RL	405.0			Reykjavhlio			N65 37 29	W016 55 14	IP15MO	4433	2755	35
RL	525.0		enr	Sovetsky Rudnik				E093 04 00	NP60MK	8422	5233	4
RL	1112.0			Zhiguli				E049 18 00	LO43PI	8177	5081	29
RLF	343.0	400	iw	Rolf A		IW		E004 29 36	JO25FO	5804	3607	46
RM	259.0			Tarama		J		E124 42 14	PL24IP	12027	7473	337
RM DM	277.0		<b></b> -	Rotuma		FJI		E177 04 18	RH87MM	12040	7481	270
RM PM	291.5			Gulyayevskoy Koshki No 3				E055 32 12 E073 13 48	LP78SV	6958 8750	4324	17 16
RM PM	332.0	1020	CIV	Tsentralny/Omsk	NAE				MO64OW	8750 821	5437	16
RM RM	334.0 350.0	1020		Rockland/Knox County Regional	ME		N44 05 36 N06 50 01	W069 13 08	FN54JC MJ96WU	821 14017	510 8710	85 26
RM	350.0 420.0			Colombo/Ratmalana Mama				E079 53 08 E112 53 00	0068KH	8618	5355	353
RMA	330.0		ioi	Málaga		E		W004 28 36	IM76SP	6207	3857	353 70
RMD	204.0	1020	joi civ	McDermitt	OR			W117 43 16	DN12DA	3102	1927	280
RMD	215.0	1020	CIV	Richmond	JIX			E143 06 36	QG19NH	15331	9526	290
RMG	337.0		enr	Romagnano for Cameri		, .50		E008 24 24	JN45EP	6584	4091	55
	557.0	.020	CIII	nomagnatio for Gaillett			. 1-0 07 -12	_000 24 24	OI TOLI	5504	7001	55

Call	<b>₩</b> ₩~	Ц-	Т	Station	S/P	ITU	Lot	Long	Loo	km	mi	0
Call RMY	<b>kHz</b> 290.0	<b>Hz</b> 1020	ı	Station Rio Mayo	3/1		<b>Lat</b> S45 42 17	<b>Long</b> W070 15 46	<b>Loc</b> FE44UH	9967	<b>mi</b> 6193	174
RN	290.0	1020		McMinnville/Warri	TN		N35 45 09	W070 15 40 W085 45 51	EM75CS	1052	654	
RN	315.0	1020	civ	Roschino/Tyumen Northwest	111		N57 08 48		MO27OD	8334	5178	19
RN	320.0			Rostov-na-Donu/Rostov East			N47 13 30		KN97VF	8289	5151	38
RN	344.0		0.1	Islamabad				E073 04 54	MM63MO	10983	6824	23
RN	373.0			Ranai		INS	N03 54 20	E108 23 31	OJ43EV	14652	9105	350
RN	375.0			Ranong		THA	N09 47 00	E098 35 28	NJ99HS	14057	8734	2
RN	416.0	1020		Kansas City/Huggy	МО	USA	N39 18 07	W094 51 04	EM29NH	1378	857	254
RN	433.0		civ	Raduzhny/Vareghan West		RUS	N62 06 30	E077 18 42	MP82PC	8071	5015	11
RN	445.0			UNID		?						
RN	591.0		civ	Penza		RUS	N53 06 36	E045 01 24	LO23MC	8025	4987	31
RNB	363.0	1020	civ	Millville/Rainbow	NJ	USA	N39 25 06	W075 08 07	FM29KK	614	381	143
RND	270.0			Rio Grande		В	S32 04 59	W052 09 48	GF37WW	8859	5505	157
RNH	257.0	1020		New Richmond	WI			W092 32 00	EN35RD	1048	651	282
RNN	358.0	0		Roanne/Renaison		F		E004 02 12	JN26AC	6267	3894	56
RNT	353.0	1020		Renton	WA		N47 29 44		CN87VL	3312	2058	292
RNT	356.0		iw	BP Exploration/Trent Platform		IW	N54 17 55	E001 39 30	JO04TH	5699	3541	48
RNV	272.0	4000	civ		MS	USA		W090 45 45	EM43OT	1486	924	225
RNW	388.0	1020		Chocowinity	NC		N35 30 34		FM15KM	953	592	167
RNZ	327.0		pri	Arzanah			N24 48 00		LL64GT	10968	6815	43
RO	249.0	1020		Sanjiang	۸Β			E109 36 24	OL45TS	12236	7603 926	351
RO RO	263.0 282.0	1020 1020		Rogers Rotorua	AR		N36 27 40 S38 03 27		EM26XL RF81EW	1490 13833	8596	241 248
RO	303.5	1020	mar	Rosetta				E030 25 54	KM51FK	9052	5625	54
RO	305.0	1020		Roswell/Topan	NM		N33 21 55		DM73SI	2456	1526	250
RO	310.0	1020		Novosibirsk/Tolmachevo	14141			E082 33 48	NO15GA	8914	5539	10
RO	327.0		0	UNID		?					0000	. •
RO	332.0			Nizhnij Tagil			N57 59 00	E060 15 00	MO07DX	8114	5042	21
RO	332.0		civ	, -		YUG	N42 25 12	E018 33 42	JN92GK	7451	4630	53
RO	340.0		civ	Lozovatka/Kryvyi Rih		UKR	N47 59 33	E033 12 10	KN67OX	7891	4903	41
RO	361.0	400	mil	Kauhava		FIN	N63 01 24	E023 03 50	KP13MA	6339	3939	32
RO	372.0		civ	Rhodes/Maritsa		GRC	N36 23 18	E028 08 48	KM46BJ	8511	5289	52
RO	394.0	1020	civ	Birmingham/Roeby	AL	USA	N33 36 27	W086 40 44	EM63PO	1302	809	211
RO	400.0	1020		Rochester/Breit	NY		N43 07 35	W077 33 14	FN13FD	176	109	118
RO	401.0		civ	Sovetskaya Gavan			N49 17 48	E139 57 48	PN99XH	8992	5588	335
RO	412.0			UNID		?						
RO	432.0			3		D	N51 20 37		JO71LI	6641	4126	46
RO	597.0		civ	Novosibirsk/Tolmachevo		RUS	N55 00 12	E082 33 48	NO15GA	8914	5539	10
RO RO	635.0 645.0			UNID UNID		? ?						
ROA	301.0			Roatan			N16 18 53	W086 31 46	EK66RH	3130	1945	195
ROB	400.0	1020	civ	Waco/Robinson	TX			W097 04 10	EM11LM	2067	1284	
ROC	338.0	1020	014	Rockdale	17			E144 49 04	QF22JJ	16263	10105	
ROC	396.0	0	pri	Rochefort/StAgnant		F		W000 59 06	IN95MV	5940	3691	58
ROM	302.0		civ	_		F		E002 36 30	JN14HH	6271	3897	58
ROM	377.0			Roma		AUS		E148 46 54	QG43JK	15306	9511	
RON	255.0	1020		Rondonia/Ji-Paraná		В	S10 53 07	W061 56 51	FH99AC	6320	3927	159
RON	396.0	1020	joi	Trieste/Ronchi dei Legionari		I	N45 49 41	E013 21 39	JN65QT	6891	4282	52
ROP	212.0	1020		UNID		?						
ROQ	368.0	1020		Ruston	LA		N32 36 31		EM32QO	1696	1054	
ROR	371.0			Koror				E134 33 01	PJ77GI	13382	8316	320
ROS	282.0	1020		•	MN			W092 57 21	EN35MQ	1085	674	
ROS	339.0			Rhodes/Diagoras				E028 07 05	KM46BK	8507	5286	52
ROT	350.5	400	civ	Rotterdam				E004 33 16	JO21GV	5989	3721	50
RP	210.0			Lijia				E115 42 30	OL78UO	11828	7350	
RP	230.0			Raipur		IND	N21 10 59	E081 44 23	NL01UE	12549	7798	19

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi I	0
RP	294.0	ПZ	civ		3/F			<b>Long</b> E129 27 48	PO40RF	9206	<b>mi</b> 5720	342
RP	322.0			Dashoguz				E059 45 54	LN91VS	9683	6017	29
RP	360.0			Petropavlovsk				E069 11 00	MO44OS	8675	5390	18
RP	477.0	1020		Malacky-Kuchyna				E017 09 09	JN88NL	6953	4320	48
RP	485.0	1020		UNID		?	1440 20 20	2017 00 00	ONOONE	0000	4020	70
RP	580.0			UNID		?						
RP	607.0			UNID		?						
RP	960.0	1020	civ	Sosnovskoye			N55 48 00	E043 10 00	LO15OT	7718	4796	30
RPB	414.5	1020	0.1	Belleville/Republican	KS			W097 39 30	EM19ET	1574	978	260
RPF	332.0	1020		Carthage	TX		N32 10 49		EM22UE	1835	1140	230
RPN	243.0	.020	civ	Rosh-Pina/Mahanaim/I. Ben Yaakov	.,,			E035 33 24	KM72SX	9252	5749	50
RPR	330.0	1020		Ribeirão Preto		В	S21 08 34		GG68CU	7893	4905	149
RPX	362.0	1020	civ	Roundup	МТ			W108 34 03	DN56RL	2293	1425	287
RPY	224.0	400		Ripley				E144 29 31	QF22FC	16303	10130	265
RQ	380.0		civ	Quimper/Pluguffan		F	N47 58 06	W003 59 54	IN87AX	5631	3499	57
RQ	402.0			Ningshan		CHN	N33 19 12	E108 18 36	OM43DH	11418	7095	353
RQ	420.0		civ	Dzhubga		RUS	N44 19 00	E038 42 00	KN94IH	8479	5269	41
RQ	422.0			Plesetsk		RUS	N62 41 00	E040 21 00	LP02EQ	7043	4377	27
RQ	458.0		civ	Neryungi/Chulman		RUS	N56 53 36	E124 48 54	PO26JV	8607	5348	347
RQ	482.0			UNID		?						
RQM	221.0	1020	civ	Rangeley	ME	USA	N44 56 04	W070 45 04	FN44OW	703	437	78
RQO	335.0	1020		El Reno	OK	USA	N35 28 43	W098 00 32	EM05XL	1839	1143	246
RQY	284.0	1020	civ	Elkins/Randolph Co	WV	USA	N38 53 38	W079 51 34	FM08BV	557	346	184
RR	300.0		civ	Uyar		RUS	N55 49 00	E094 18 00	NO75DT	8938	5554	4
RR	360.0			Vicente/Santos		В	S23 56 51	W046 17 13	GG66UB	8240	5120	149
RR	404.5	400	civ	Rotterdam			N52 00 16	E004 46 09	JO22JA	5996	3726	49
RR	460.0			UNID		?						
RR	705.0		civ	Bucharest/Otopeni			N44 34 00		KN34BN	7759	4821	47
RRJ	368.0	1020		French Lick/Oranj	IN			W086 31 40	EM68RM	840	522	227
RRL	257.0	1020	CIV	Merrill	WI		N45 11 55	W089 42 15	EN55DE	826	514	284
RRN	376.0	4000		UNID Rock Rapids		?	N40 07 04	W000 40 44	ENIAON///	4047	007	074
RRQ RRX	515.0 326.0	1020 1020	civ	Lexington/Darr	IA NE		N43 27 04	W096 10 41 W099 51 22	EN13VK EN00BU	1347 1709	837 1062	274 266
RS	279.0	1020		Worchester/Dunca	MA		N42 16 28		FN32XG	632	393	104
RS	285.0		CIV	Rosario	IVIZ			E120 51 52	PK04KJ	13229	8220	338
RS	302.0			Rodrigues				E063 21 07	MH10QF	15655	9727	64
RS	307.5	0	mar	Ristna				E022 03 12	KO18AW	6545	4067	36
RS	320.0			Krivoj Rog				E033 32 00	KN67SV	7917	4920	41
RS	326.0			Madrid/Barajas		Е		W003 33 44	IN80FJ	6058	3764	65
RS	329.0	1020	civ	Rochester/Mingo	MN	USA	N43 51 18	W092 24 39	EN33TU	1040	646	274
RS	336.0	400	civ	Røros		NOR	N62 34 47	E011 20 06	JP52QN	5838	3628	36
RS	336.0			Fort Myers/Muffe	FL	USA	N26 29 04	W081 50 05	EL96BL	1944	1208	187
RS	349.0	0	civ	Rennes/StJacques		F	N48 03 11	W001 35 04	IN98EB	5789	3597	56
RS	359.0			UNID		?						
RS	402.0			UNID		?						
RS	520.0	1020		UNID		?						
RS	672.0	400*		Rashivka				E033 53 06	KO60WF	7751	4816	39
RS	740.0		civ	St. Petersburg/Siverskij				E030 03 00	KO59AI	6882	4276	33
RS	740.0			Novgorod				E031 20 00	KO58QM	7001	4350	33
RSh	790.0			Beltsy				E027 46 00	KN37VT	7610	4729	44
RSH	326.0			Dublin/Rush				W006 06 38	IO63WM	5257	3266	51
RSO	364.0	400		Paris/Charles de Gaulle		F		E002 21 42	JN19EA	5999	3728	54
RSR	332.0			Ramsar		IRN		E050 40 50	LM56IV	9745	6055	38
RST RSY	393.0	400		Rasht Paris/Charles de Gaulle		IRN F		E049 36 59 E002 42 24	LM47TH JN19IA	9654 6021	5999 3741	38 53
RSY	356.0 359.0			Lumberton/Robeson	NC			W079 03 35	FM04LO	1031		53 178
1.01	0.800	1020	CIV	Euriberton/10063011	NO	USA	1104 00 48	vv01 5 03 33	i WO+LO	1001	041	170

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
RSY	378.0	400	civ	Stavanger/Sola/Rennesøy			N59 08 00	E005 38 31	JO29TD	5709	3547	41
RT	268.0	1020	civ	New York/Cedar	NY	USA	N40 35 51	W073 39 27	FN30EO	603	374	125
RT	282.5	0	civ	Rurutu		OCE	S22 26 00	W151 22 00	BG47HN	10361	6438	242
RT	284.0	400	civ	Rankin Inlet	NU	CAN	N62 49 31	W092 06 34	EP32WT	2259	1404	343
RT	286.0		pri	Ras Tanura		ARS	N26 42 34	E050 02 20	LL56AR	10653	6619	44
RT	295.0			Rawalakot		PAK	N33 50 51	E073 47 58	MM63VU	10980	6823	22
RT	348.0			Ratanakiri		CBG	N13 43 48	E106 59 12	OK33LR	13590	8445	353
RT	370.0		civ	Moscow/Ramenskoe		RUS	N55 30 30	E038 14 12	KO95CM	7534	4681	33
RT	695.0			Kyakhta		RUS	N50 21 00	E106 28 00	OO30FI	9546	5932	356
RT	740.0			Ivanovo-North		RUS	N57 04 00	E040 59 00	LO07LB	7523	4675	31
RTB	415.0	1020	civ	Nürnberg/Rothenbach		D	N49 28 58	E011 15 10	JN59PL	6533	4059	50
RTI	317.0			Rottnest Island		AUS	S32 00 15	E115 32 41	OF77SX	18154	11280	311
RTI	386.0		_	RAK-386		CZE	N50 05 49	E013 41 27	JO60UC	6643	4128	48
RTN	301.0	0		Romorantin		F	N47 19 11	E001 41 17	JN07UH	6044	3756	56
RTT	303.0	1020		Innsbruck/Rattenberg		AUT	N47 25 51	E011 56 24	JN57XK	6700	4163	51
RU	160.0			Salairka	TV		N57 23 00	E065 01 00	MO27MJ	8304	5160	19
RU	272.0	4000	CIV	San Marcos/Garys	TX			W097 56 56	EL19AX	2250	1398	233
RU	275.0	1020	oi.	Salisbury/Rovdy	NC		N35 43 59	W080 29 23 E033 38 24	EM95SR	911	566	186
RU	362.0 372.0	0		Sevastopol-Belbek			N44 42 30 S16 43 17	W151 28 00	KN64TQ	8176	5081	43
RU RU	372.0 391.0	U	civ civ	Raiatea Resolute Bay/Cape Martyr	NU		N74 40 31	W094 55 49	BH43GG	9909 3514	6157 2183	246 352
RU	421.0		CIV	UNID	NO	?	11/4 40 31	VV094 33 49	EQ24MQ	3314	2103	332
RU	643.0	1020		UNID		; ?						
RUB	260.0	1020		Rubelsanto			N15 59 31	W090 26 56	EK45SX	3263	2028	202
RUD	338.0	1020	enr	Rüdesheim		D	N50 01 56	E007 56 40	JO30XA	6297	3913	50
RUE	379.0	1020	0111	Russellville	AR		N35 15 26	W093 05 41	EM35KG	1511	939	
RUG	212.0	1020	civ	Rugby	ND		N48 23 16	W100 01 37	DN98XJ	1660	1032	
RUG	257.0	400		Rugby		AUS	S34 23 12	E148 58 32	QF45LO	15767	9797	268
RUS	275.0		joi	Tehran/Mehrabad/Rudeshur		IRN		E050 54 05	LM55KK	9891	6146	38
RUS	415.0	1020	,	Russe		BUL	N43 39 00	E025 59 00	KN23XP	7820	4859	48
RV	260.0	1020		Rivera		URG	S30 59 14	W055 29 22	GF29GA	8643	5371	159
RV	407.0	1020	civ	Reedsville/Stroh/Maple Grove	PA	USA	N40 36 53	W077 43 05	FN10DO	392	243	158
RV	1150.0	400*		Rzhevka		RUS	N50 26 00	E037 00 00	KO80MK	7888	4901	37
RVA	305.0	680		Rivera		URG	S31 00 37	W055 30 48	GF28FX	8645	5372	159
RVB	407.0	1020	civ	Mobridge/Riverbend	SD	USA	N45 33 00	W100 24 37	DN95TN	1665	1035	284
RVJ	424.0	1020	civ	Reidsville/Prison	GA	USA	N32 03 28	W082 09 09	EM82WB	1335	830	191
RVN	327.0		iw	Hamilton/Ravenspurn N ST3		IW	N54 04 24	E000 54 53	JO04KB	5664	3520	48
RVN	327.0		iw	Hamilton/Ravenspurn N ST2		IW	N54 03 17	E001 02 04	JO04MB	5672	3525	48
RVN	329.0	1020		Rogersville	TN		N36 27 21		EM86NK	876	544	201
RVN	359.5	400	iw	BP/Ravenspurn North		IW	N54 01 50	E001 06 03	JO04NA	5677	3528	48
RW	235.0	1020		Wilson/Rocky Mount/Jambe	NC		N35 46 04	W077 57 53	FM15AS	911	566	172
RW	320.0			Rostov-na-Donu/Rostov East			N47 17 30	E039 52 12	KN97WH	8288	5150	38
RW RW	330.0			Rovno Camp Springs/Kirbe	MD		N38 42 03	E026 05 00 W076 52 13	KO30BP FM18NQ	7313 616	4544 383	42 159
RW	360.0 392.0	400		Berlin/Tegel/West	טוטו	D		E013 09 04	JO62NN	6464	4017	46
RW	493.0	400*		Maryino				E038 13 00	KO95CQ	7518	4671	33
RW	1359.0	400	CIII	Khanlar			N40 37 00	E046 20 00	LN30EO	9191	5711	38
RWE	526.0	1020		Camp Roberts	CA		N35 53 30	W120 40 30	CM95PV	3596	2234	
RWN	335.0	1020	civ	Winamac	IN		N41 05 38	W086 36 16	EN61QC	665		245
RWO	394.0	1020		Kodiak/Woody Island	AK		N57 46 28	W152 19 23	BO37US	5084	3159	
RWY	359.0				•	G	N54 04 51	W004 37 48	IO74QB	5327	3310	50
RX	921.0			Aginskoye			N55 16 00	E094 49 00	NO75JG	9002	5593	3
RXW	407.0	1020		Watersmeet	MI	USA		W089 16 43	EN56IG	817		292
RY	366.0			Rajahmundry		IND	N17 06 31	E081 49 18	NK07VC	12987	8070	20
RY	427.0	0	civ	Royan/Médis		F	N45 37 00	W000 52 00	IN95NO	5962	3705	59
RYa	291.5		mar	Yeyrineyskaya		RUS	N59 15 00	E145 50 00	QO29WG	7843	4874	337

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	٥
RYB	375.0	1020		Raymond	MS		N32 18 06	W090 24 41	EM42TH	1603	996	220
RYD	234.0	1020	civ	Green Cove Springs	FL	USA	N29 58 00	W081 39 00	EL99EX	1558	968	188
RYD	335.0			Villa Reynolds		ARG	S33 43 30	W065 23 06	FF76HG	8713	5414	168
RYN	338.0	1020	civ	Tucson/Ryan	ΑZ		N32 08 18	W111 09 41	DM42KD	3050	1895	256
RYS	419.0	1020			MI	USA	N42 06 04	W083 09 11	EN82KC	361	225	238
RYU	266.0	1020		Rosanky	TX			W097 20 00	EL19HV	2216	1377	232
RYV	371.0	1020			WI		N43 10 25		EN53PE	753	468	267
RZ	331.0	_	civ		NL		N47 30 43		GN17HM	1757	1092	69
RZ	387.0		civ			F		E002 26 18	JN14FK	6254	3886	58
RZ	474.0	1020				POL		E022 08 03	KO10BC	7132	4431	44
RZ	643.0	4000		Sharanga	INI			E046 31 00	LO37GE	7730	4803	28
RZL	362.0	1020	civ		IN		N40 56 49		EN60JW	715	444	245
RZO RZP	391.0 232.0			Demopolis/Marengo	AL		N32 24 52		EM52XJ	1477	918 483	213 102
RZT	232.0	1020	oiv.	Provincetown Chillicothe/Ross Co	MA OH		N42 04 00 N39 26 18		FN42UB EM89LK	778 577	359	212
RZZ	407.0	1020			NC			W077 42 30	FM16DK	841	523	169
S	150.0	1020	civ	·	NC		N46 22 00	E042 20 00	LN16EI	8488	5274	37
S	214.0			Uralsk/Podstepnyy			N51 08 23		LO51SD	8465	5260	29
S	277.0		CIV	UNID		?	1451 00 25	2031 31 13	LOSTOD	0400	3200	23
S	305.0	400	civ	Mariehamn		FIN	N60 08 30	E019 54 54	JP90WD	6370	3958	36
S	312.0	100		Shenkursk				E042 54 00	LP12KC	7180	4461	26
S	324.0			UNID		?						
S	327.0		civ	Yuzhno-Sakhalinsk/Khomutovo		RUS	N46 51 54	E142 42 54	QN16IU	9132	5675	332
S	334.0	400		Kuopio		FIN	N63 01 54	E027 46 42	KP33VA	6535	4061	31
S	335.0		civ	Sofia		BUL	N42 41 40	E023 26 08	KN12RQ	7737	4807	50
S	344.0	1020	civ	Sudbury/Sierra	ON	CAN	N46 41 00	W080 44 57	EN96PQ	326	203	342
S	362.0			UNID		?						
S	374.0	400	civ	Mikkeli		FIN	N61 40 24	E027 16 06	KP31PQ	6603	4103	32
S	383.0	1020	civ	Gdansk/Rebiechowo		POL	N54 22 04	E018 30 21	JO94GI	6652	4133	42
S	395.0			UNID		?						
S	399.0			UNID		?						
S	404.0	400				FIN	N61 57 22		KP41KW	6653	4134	31
S	405.0		CiV	Sibiu/Turnisor			N45 47 00	E024 07 00	KN25BS	7552	4693	47
S	415.0			UNID		?	N40 00 50	E047.40.04	INIOOOD	7070	4005	50
S	428.0		CIV	Sarmalleek/Balaton				E017 10 01	JN86OP	7073	4395	50
S S	456.0 468.0			Szentkiraly UNID		HNG ?	N47 U5 42	E017 57 35	JN87XC	7093	4407	49
S	600.0			UNID		? ?						
S	602.0			Stepanavan		•	N41 02 10	E044 21 22	LN21EA	9054	5626	39
S	659.0		civ					E021 22 24	KN05QT	7388	4591	48
S	676.0		civ					E071 36 30	MN50TX	10169	6319	21
S	705.0			Syktyvkar				E050 51 00	LP51KP	7485	4651	23
S	708.0			Ust-Kamenogorsk				E082 31 10	NO10GA	9453	5874	12
S	725.0			UNID		?						
S	740.0		civ	Makhachkala/Uytash		RUS	N42 47 48	E047 40 06	LN32UT	9060	5630	36
S	770.0			Mirnyj		RUS	N62 32 30	E114 05 30	OP72BN	8143	5060	354
S	770.0		civ	Tomsk		RUS	N56 23 30	E085 13 00	NO26OJ	8798	5467	9
S	780.0		civ	Orsk		RUS	N51 04 00	E058 33 36	LO91GB	8732	5426	25
S	850.0		civ	Semipalatinsk		KAZ	N50 21 15	E080 16 25	NO00DI	9379	5828	13
S	970.0			UNID		?						
S	1025.0			Saransk		RUS						
S	1030.0			Nizhniy Novgorod/Strigino				E043 47 30	LO16VG	7705	4787	30
S	1035.0			Nefteyugansk				E072 39 00	MP61HB	8099	5032	14
S	1086.0		civ	Bydgoszcz/Szwederowo				E018 00 45	JO93AC	6705	4166	43
S4	294.0			Ulu	NT			W110 58 00	DP46MV	3176	1973	
S7	268.0	1020	civ	Hanover	ON	CAN	N44 09 44	W081 03 37	EN94LD	132	82	284

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
S9	345.0	400		UNID	3/1	?	Lai	Long	LUC	KIII	1111	
SA	205.0	400		Soroako		INS	S02 31 55	E121 21 29	PI07QL	14987	9312	330
SA	219.0	1020	civ	San Antonio/Bluie	TX		N29 28 29	W098 31 07	EL09RL	2327	1446	
SA	296.0			Mielec			N50 19 20	E021 30 04	KO00SH	7082	4400	
SA	305.0			Stanley			S51 41 16	W057 46 26	GD18CH	10795	6707	
SA	311.0		civ			RUS	N46 22 24	E044 16 12	LN26DI	8580	5331	36
SA	314.0			Sola		VUT	S13 51 27	E167 32 03	RH36SD	12907	8020	276
SA	320.0	1020	civ	Timisoara/Giarmata		ROU	N45 47 00	E021 26 38	KN05RS	7393	4594	48
SA	329.0		civ	Namangan		UZB	N40 58 06	E071 37 18	MN50TX	10171	6320	21
SA	330.0			Sangata		INS	N00 23 02	E117 32 35	OJ80SJ	14819	9208	337
SA	338.0	400	mil	Bardufoss/Sørreisa		NOR	N69 06 10	E018 11 40	JP99CC	5816	3614	27
SA	342.0			Sihora		IND	N23 30 02	E080 05 54	NL03BM	12257	7616	20
SA	356.0	1020	civ	Sacramento/Execc	CA	USA	N38 26 59	W121 32 46	CM98FK	3544	2202	275
SA	367.0			Saurimo		AGL	S09 40 00	E020 24 00	KI00EH	11539	7170	90
SA	368.0	1020	civ	Savannah/Mavis	GA	USA	N32 07 47	W081 19 54	EM92ID	1316	818	188
SA	375.0		civ	Sanaa International		YEM	N15 27 12	E044 13 12	LK25CK	11309	7027	55
SA	376.0			Sambava		MDG	S14 16 43	E050 10 38	LH55CR	14242	8850	71
SA	379.0		civ	Reykjavik/Skagi		ISL	N64 18 20	W021 58 17	HP94AH	4187	2602	37
SA	394.0			Nikolayevsk-Na-Amure		RUS	N53 09 00	E140 38 06	QO03HD	8592	5339	337
SA	416.0	1020	civ	Santander		Ε	N43 26 06	W003 51 00	IN83BK	5870	3647	62
SA	422.0			Plesetsk		RUS	N62 41 00	E040 21 00	LP02EQ	7043	4377	27
SA	474.5	700		UNID		?						
SA	479.0		civ	Saratov/Tsentralny		RUS	N51 34 36	E046 01 30	LO31AN	8202	5096	32
SAA	266.0	1020		Saratoga	WY	USA	N41 26 42	W106 49 56	DN610K	2250	1398	273
SAB	347.0		civ	Sabiha Gokcen		TUR	N40 53 58	E029 19 13	KN40PV	8230	5114	48
SAC	1627.0			São Carlos		В	S21 53 00	W047 53 00	GG68BC	7964	4949	149
SAD	348.0	400	civ	Leknes/Sandsund		NOR	N68 05 15	E012 38 13	JP68HC	5654	3513	29
SAG	390.0	1020		Sajóhidvég		HNG	N47 59 50	E020 59 16	KN07LX	7212	4481	47
SAH	373.0		civ	In Salah		ALG	N27 15 19	E002 30 46	JL17GG	7351	4568	74
SAH	395.0		joi	Sanaa International		YEM	N15 23 34	E044 13 07	LK25CJ	11314	7030	55
SAI	241.0			Sri Sathya Sai		IND	N14 09 00	E077 47 00	MK84VD	13176	8187	25
SAK	515.0	1020		•	MT		N48 06 30	W114 27 41	DN28SC	2727	1695	
SAL	274.0	0	civ	Sal/Amilcar Cabral Intl.		CPV	N16 42 06	W022 56 55	HK86MQ	6069	3771	
SAL	334.0		mil	Salon-de-Provence		F	N43 36 38	E005 06 04	JN23NO	6484	4029	58
SAL	390.0			Salinas			S32 59 08	W071 32 02	FF47FA	8551	5313	
SAL	418.0			Sainte Leocadie		F	N42 26 48	E002 00 42	JN12AK	6339	3939	61
SAL	421.0		CiV	Zadar/Sali		HRV	N43 56 16	E015 10 05	JN73OW	7130	4430	53
SAN	220.0			San Antonio Oeste		ARG		W065 02 03	FE79LF	9487	5895	
SAN	280.0			Santo Angelo		В	S28 16 40			8397	5218	
SAN	310.0		CIV	Salalah Sala Badas				E054 05 09	LK77BA	11778	7318	46
SAP	330.0	4000		San Pedro				W006 38 58	IJ64QS	8268	5138	99
SAP	360.0	1020	<b>-</b> :	San Pedro Sula				W087 51 52	EK65BM	3245	2016	
SAR	239.0	400		Sparta Setu More	IL			W089 42 08	EM58DD	1071	666	
SAT	365.0	1000		Satu Mare Santos Air Base			N47 43 25	E022 53 33	KN17KR	7342	4562	
SAT SAV	375.0	1020	IIIII	Sarnos Air Base Savannakhet		B LAO	S23 59 00	W046 15 48 E104 45 37	GG66UA OK26JN	8244	5123 8263	
SAV	290.0 351.0	400	civ	Savonlinna		FIN		E028 48 49	KP41JX	13297 6647	4130	
SAV	408.0	400		Saveh for Mehrabad Intl		IRN		E050 22 17	LM55EA	9904	6154	39
SAY	431.0	<b>4</b> 00		Stornoway		G	N58 12 56	W006 19 45	IO68UF	5086	3161	39 45
SAZ	257.0			Staples	MN		N46 22 56	W000 19 43 W094 48 18	EN26OJ	1236	768	
SB	208.0	1020	CIV	Sibi	IVIIN			E067 50 49	ML39WN	11218	6970	
SB	232.0			Luogang				E117 14 00	OM81OU	11449	7114	
SB	278.0		civ	Salisbury/Colbe	MD			W075 24 21	FM28HG	711		150
SB	310.0		J1 V	Selardalur	٠٠.٠			W073 24 21 W023 59 27	HP85AS	4111	2555	34
SB	319.0			Hexi				E102 09 48	OL17BR	12071	7501	
SB	325.0			Surabaya				E112 46 47	OI62JO	15789	9811	
-	020.0			- u. u.u.y u		10	30. 20 10	_ 1 1 70 77	3.0200	.57.00	5511	0.0

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SB	330.0	400		Sønderborg			N54 56 18	E009 49 54	JO44VW	6141	3816	45
SB	330.0			Baruun-Urt		MNG	N46 40 19	E113 17 06	ON66PQ	9893	6148	351
SB	341.0	1020	civ	South Bend/Misha	IN	USA	N41 42 21	W086 13 09	EN61VQ	604	375	249
SB	345.0		civ	Assab		ERI	N13 03 57	E042 38 44	LK13HB	11412	7091	58
SB	352.0			Sibu		MLA	N02 20 36	E111 48 56	OJ52VI	14762	9172	345
SB	353.0	0	civ	StBrieuc/Armor		F	N48 34 03	W002 46 57	IN88ON	5684	3532	56
SB	362.0	400		Sudbury	ON		N46 38 53		EN96MP	327	203	340
SB	366.0		civ	Ankara/Esenboga			N40 09 00		KN60MD	8508	5287	47
SB	395.0			Sambailo				W013 21 31	IK32HN	7139	4436	97
SB	397.0	1020		San Bernadino/Petis (AF)	CA	USA			DM14HB	3427	2130	265
SB	414.0	1020	enr				N47 45 00	E039 48 00	KN97VS	8246	5124	38
SB	552.0			UNID		?	007 40 00	W074 00 F4	FLACIZE	F700	2505	470
SBB SBD	336.0 367.0	1020	nri	Santa Barbara de Barinas Sabadell		VEN E	S07 48 28 N41 31 10	W071 09 54 E002 06 11	FI42KE JN11BM	5786 6400	3595 3977	170 62
SBG	230.0	1020	рп	Santa Barbara/Brasilia		В	S16 34 50	W049 41 54	GH53DK	7350	4567	149
SBG	382.0	1020	civ	Salzburg		AUT		E012 53 39	JN67KX	6726	4179	50
SBG	413.0	400	CIV	Strathbogie		AUS	S36 51 10	E145 44 19	QF23UD	16154	10038	266
SBH	263.0	400	civ	Sebha		LBY		E014 22 24	JL77EB	8266	5136	67
SBH	351.0	400		Sumburgh/Shetland Islands		G	N59 52 57		IO99IV	5312	3301	42
SBI	332.0	1020		Rabat/Salé		MRC		W006 39 51	IM64QE	6190	3846	73
SBL	323.0	400	•			G	N53 47 24		IO93JS	5548	3448	49
SBN	343.0	1020	•	Saarbrücken/Ensheim		D	N49 13 08	E007 07 06	JN39NF	6292	3909	52
SBQ	245.0	1020		Grenada/Scobey	MS	USA	N33 53 28	W089 52 28	EM53BV	1429	888	223
SBS	245.0		civ	Steamboat Springs	CO	USA	N40 28 13	W106 49 49	DN60OL	2282	1418	270
SBU	332.0	1020	civ	Blue Earth	MN	USA	N43 35 49	W094 05 49	EN23WO	1178	732	274
SBX	347.0	1020	civ	Shelby	MT	USA	N48 32 28	W111 51 45	DN48BM	2533	1574	293
SBX	449.0			UNID		?						
SBY	330.0	400		Strubby		G	N53 18 36	E000 10 34	JO03CH	5653	3513	49
SBZ	255.0		civ	Sabzevar		IRN	N36 11 56	E057 42 01	LM86UE	10139	6300	33
SC	260.0	1020		South Caicos	٠.	TCA	N21 30 45	W071 32 15	FL41FM	2588	1608	161
SC	271.0	1020		•	CA		N37 49 55	W121 08 08	CM97KT	3539	2199	274
SC	276.0	400		Sleptsovskaya/Ingushetia			N43 19 42		LN23LH	8881	5518	38
SC SC	300.0 306.5	400	-	. 3		S	N58 25 57 N66 29 00		JO78SK	6256	3887 4217	39 23
SC	312.5		mai	Sosnovetskiy/Ostrov Sosnovets UNID		RUS ?	N00 29 00	E041 41 00	LP06UL	6787	4217	23
SC	331.0	1020	civ	Flores		-	N39 26 52	W031 07 31	HM49KK	3998	2484	80
SC	343.0	1020	CIV	Scoresbysund/Ittoggortoormiit			N70 28 00	W031 07 31 W021 58 00	HQ90AL	4288	2665	27
SC	362.0	400	civ	Sherbrooke/Ascot Corner	QC		N45 28 28	W071 47 16	FN45CL	633	393	71
SC	406.5		0	Secunda	40		S26 31 21	E029 12 44	KG43OL	13456	8361	98
SC	442.0			Darlowek		POL						
SC	475.0	400*		Kolobrzeg		POL	N54 10 00	E015 35 00	JO74TE	6505	4042	43
SC	569.0			Shache		CHN	N38 26 00	E077 16 00	MM88PK	10591	6581	18
SC	582.0			UNID		?						
SCA	423.0	1020	joi	Salamanca		Ε	N40 55 38	W005 37 00	IN70EW	5878	3652	66
SCB	350.0	1020		Sorocaba		В	S23 28 59	W047 29 05	GG66GM	8143	5060	149
SCD	284.0	1020		Sylacauga	AL			W086 19 06	EM63UE	1331	827	
SCG	385.0	1020		Crane Lake	MN			W092 28 29	EN38SG	1116	693	300
SCh	297.5			Sochinskiy/Sochi				E039 43 24	KN93UN	8595	5341	40
SCh	380.0		_	Tomsk				E085 15 36	NO26PK	8794	5465	9
SCH	355.0		iW m:I	BP/Schiehallion		IW		W004 04 05	IP70XI	5149	3199	42 57
SCL	348.0		mıl	Apt/StChristol		F		E005 30 13	JN24SB	6485	4029	57 270
SCO SCO	209.0 283.0	1020	civ.	Scone Scobey	МТ			E150 49 52 W105 26 10	QF57JX DN78GT	15486 2062	9623 1281	
SCO	335.0	1020	iw	Amerada Hess/Scott Platform	IVI I	IW		E000 11 56	JO08CG	2062 5449	3386	295 43
SCO	355.0 355.0		IW	Pisco				W076 13 08	FH16VG	6390		
SCR	221.0	1020		Southern Cross				E119 21 21	OF98QS	17848	11090	
JUN	221.0	1020		Southern Oross		AUS	551 15 50	L1192121	01 3000	17040	11080	505

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SCR	255.0	1020		Santa Cruz		В	S22 56 38	W043 43 02	GG87DB	8251	5127	146
SCR	300.0			San Cristobal		EQA	S00 54 34	W089 36 58	EI59EC	5065	3147	194
SCT	285.0		pri	Shayba		ARS	N22 31 00	E053 59 18	LL62XM	11260	6997	43
SCV	358.0	400*	civ	Suceava/Salcea		ROU	N47 38 35	E026 22 27	KN37EP	7546	4689	45
SCZ	245.0			Santa Cruz		ARG	S50 01 18	W068 34 46	FD59RX	10459	6499	173
SD	247.0			Skardu		PAK	N35 19 00	E075 36 00	MM75TH	10878	6759	20
SD	248.0			Sendai		J	N38 08 10	E140 54 34	QM08KD	10055	6248	329
SD	268.0			Saidpur				E088 54 35	NL45KS	12201	7581	11
SD	305.0			Nizhnaya Tavda		RUS	N57 40 00	E066 12 00	MO37CQ	8306	5161	18
SD	339.0	400	civ	Sindal		DNK	N57 30 06	E010 09 06	JO57BM	6025	3744	42
SD	370.0			Slettuhlid		ISL	N66 04 01		IP06HB	4326	2688	34
SD	408.0	400	civ				N61 50 45	E006 02 06	JP31AU	5616	3489	38
SD	440.0			UNID		?						
SD	514.5		neg	XU-514.5			N49 10 00	E016 07 36	JN89BE	6847	4254	48
SD	730.0			Severodonetsk				E038 33 00	KN98GV	8089	5026	38
SD	850.0			Sredny				E090 59 30	NQ59LM	6295	3911	2
SDA	335.0	4000		Sidi Aissa			N35 44 24		JM15WR	6885	4278	66
SDA	411.0	1020		Shenandoah	IA		N40 45 06	W095 24 27	EN20HS	1358	844	
SDI	373.0		mil		۸.7	F		E004 54 38	JN28KP	6184	3843	53
SDL	224.0 266.0	1020	CIV	Scottsdale	ΑZ		N33 37 45 S33 54 55		DM43BP	3018	1875 9672	
SDM		400	ois r	Sydenham Paker/Yeff				E151 10 03	QF56OC IK14GQ	15566		
SDR SDR	308.0 359.0	1020		Dakar/Yoff Snyder	TX		N14 41 00 N32 42 05		DM92MQ	6654 2243	4135 1394	99 244
SDS	323.0		civ	Dakar/Yoff/Leopold Sedar Senghor Intl	17		N14 43 00		IK14GR	6650	4132	99
SDY	359.0	1020			МТ		N47 42 41		DN77VR	1959	1217	
SE	344.0	1020	CIV	Selma/Pollk	AL		N32 16 11	W086 55 39	EM62MG	1446	898	209
SE	397.0			Selfoss	, \L	ISL	N63 55 44		HP93LW	4230	2629	38
SE	412.0	0	joi	Strasbourg/Entzheim		F		E007 42 54	JN38UO	6365	3955	52
SE	490.0	·	•	Serov		RUS		E060 34 00	MO09GN	7971	4953	20
SE	625.0			Sumy		UKR		E034 46 00	KO70JU	7745	4812	38
SEB	283.0		civ	Sebha		LBY	N27 00 52	E014 29 56	JL77FA	8278	5144	67
SEL	220.0			Seletar		SNG	N01 25 00	E103 51 54	OJ11WK	14974	9305	355
SEL	356.0			UNID		?						
SEL	424.0		civ	Efes/Selcuk		TUR	N37 56 58	E027 20 21	KM37QW	8338	5181	51
SEO	340.0	1020	pri	Seo de Urgel		Ε	N42 13 56	E001 24 13	JN02QF	6308	3920	61
SEP	357.0	400	civ	Vaasa/Seppi		FIN	N63 07 38	E021 42 39	KP03UD	6275	3899	32
SER	305.0			La Serena		CHL	S29 54 32	W071 13 01	FG40JC	8215	5105	173
SES	435.0			UNID		?						
SEY	373.0			Seychelles				E055 26 22	LI75RJ	13823	8589	59
SF	275.0			Williston/Yuson	ND			W103 30 41	DN88FC	1913	1189	
SF	283.0	400	CİV	Torp/Sandefjord			N59 06 18	E010 15 34	JO59DC	5951	3698	40
SF	303.0			UNID		?	NIEC 00 10	E440.05.10	00.40115	77.47	4044	202
SF	303.5		mar	Ostrov Sparfar'Eva				E149 05 42	QO49ND	7747	4814	
SF	304.0		<b>-</b> :	Seven Forks				E037 46 23	KI89VD	12224	7596	71
SF SF	340.0 349.0	1020		Sfax/El Maou Sanford	ME			E010 42 00 W070 50 00	JM54IR FN43NH	7449	4629 434	63 92
SF	366.0	1020	CIV		ME			E174 21 26	RF74EC	699 13855	8609	
SF	366.0	400	civ	Springfield Falköping		NZL S		E013 33 18	JO68SD	6170	3834	40
SF	379.0	1020		San Francisco/Briji	CA			W122 15 36	CM87UN	3641	2263	
SF	382.0			Søndre Strømfjord/Kangerlussuaq	<b>О</b> Д			W050 56 30	GP46MX	3080	1914	24
SF	385.0	-+00		Orsk				E058 31 06	LO91GB	8731	5425	25
SF	410.0	400		Cherusti				E040 00 00	LO05AN	7607	4727	32
SF	529.0			Sofia				E023 18 20	KN12PQ	7729	4802	
SF	588.0	1020		Simferopol				E033 59 35	KN65XC	8164	5073	43
SFB	408.0			Orlando/Sanford	FL			W081 14 36	EL98JS	1684	1047	
SFD	333.0			San Fernando de Apure				W067 26 35	FJ67GV	4158	2584	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SFF	365.0	1020	civ	Spokane/Felts	WA	USA		W117 18 42	DN17IQ	2943	1829	292
SFI	395.0	400	civ	Safi		MRC	N32 17 51	W009 09 54	IM52KH	6111	3798	77
SFL	257.0	400		Stonefield		AUS	S34 23 32	E139 20 59	PF95QO	16540	10278	275
SFS	366.0			Subic Bay		PHL	N14 46 29	E120 13 25	PK04CS	13209	8208	338
SFZ	241.0		civ	Pawtucket/Central/Smithfield	RI	USA	N41 55 09	W071 29 19	FN41GW	687	427	106
SG	202.0			Tanah Grogot		INS	S01 50 14	E116 03 42	OI88AD	15101	9383	338
SG	291.5		mar	Sfântul Gheorghe		ROU	N44 54 24	E029 37 12	KN44TV	7936	4931	45
SG	306.0	1020	civ	Stuttgart		D	N48 42 41	E009 20 06	JN48QR	6460	4014	51
SG	310.0			Sg		TWN	N25 04 14	E121 31 47	PL05SB	12075	7503	340
SG	326.0			Tansonnhat		VTN	N10 51 18	E106 45 08	OK30JU	13909	8643	353
SG	332.0			Sangaredi		GUI	N11 07 42		IK31BD	7210	4480	99
SG	332.0	1020	civ	Green Bay/Depre	WI		N44 23 55	W088 07 58	EN54WJ	696	433	278
SG	341.0	1020		Santa Fe/Doman	NM		N35 33 19	W106 08 24	DM65WN	2454	1525	257
SG	348.0		enr	Oktyabrsky			N54 26 00	E053 23 01	LO64QK	8230	5114	26
SG	352.0			Songea		TZA	S10 40 47		KH79TH	12830	7972	80
SG	358.0	400		Sturgate		G	N53 22 51	W000 41 01	IO93PJ	5598	3478	50
SG	358.0			Songarh		IND	N21 10 03		ML61SE	12295	7640	27
SG	385.0		CIV	Mirnyj		RUS			OP72BN	8141	5058	354
SG	387.0			Yijun			N35 22 48	E109 06 42	OM45NJ	11183	6949	353
SG	398.0	1020	oi.	Sinabang	MO	INS	N02 24 38	E096 19 33	NJ82DJ EM37GE	14858	9232	6 243
SG SG	404.0 405.0	1020	civ	Springfield/Coole Susilo	МО	USA	N37 10 49 N00 04 03	W093 25 02 E111 28 03	OJ50RB	1395 15016	867 9331	243 345
SG	409.0	400	mil	Såtenäs/Tun		S	N58 22 48	E012 42 30	JO68IJ	6114	3799	345 40
SG	675.0	400		Smolenskaya		RUS			KN94JS	8445	5248	40
SGA	397.0		CIV	Seguela		CTI	N07 57 29	W006 38 48	IJ67QW	8024	4986	96
SGA	425.0	1020		San José		GTM	N13 56 01	W090 51 41	EK43NW	3494	2171	202
SGC	215.0	1020		São Gabriel da Cachoeira		В	S00 08 59	W066 59 33	FI69MU	5034	3128	162
SGE	383.0			St George		AUS	S28 02 50	E148 35 50	QG41HW	15420	9581	276
SGO	356.0	1020	enr	Sagunto for Valencia		Е	N39 40 27		IM99VQ	6344	3942	65
SGR	385.0			Porto Seguro		В	S16 26 30	W039 04 57	HH03LN	7842	4873	139
SGR	388.0	1020	civ	Houston/Hull/Sugarland	TX	USA	N29 37 57	W095 39 22	EL29EP	2136	1327	228
SGT	269.0	1020		Stuttgart	AR	USA	N34 39 52	W091 35 30	EM44EP	1462	909	230
SGT	290.0			Singleton		AUS	S32 33 08	E151 15 27	QF57PK	15482	9620	269
Sh	538.5			Murmansk		RUS	N69 06 00	E032 26 00	KP69FC	6302	3916	23
Sh	588.0		civ	Omsk		RUS	N54 57 30	E073 31 00	MO64SW	8756	5441	15
SH	230.0	1020	civ	Shreveport/Crakk	LA	USA	N32 30 06	W093 52 41	EM32BM	1782	1108	230
SH	375.0	1020	civ	Staunton/Staut	VA	USA	N38 12 06	W078 57 26	FM08ME	634	394	176
SH	389.0	1020	enr	Shyriaieve		UKR	N47 24 12	E030 16 48	KN57DJ	7781	4835	43
SH	396.0	0		Sochoj		RUS		E041 21 00	LN07QC	8377	5205	37
SH	398.0			Shimla		IND		E077 04 01	MM81MC	11366	7063	20
SH	426.0	400		Shobdon		G	N52 14 41	W002 52 33	IO82NF	5511	3424	52
SH	862.0		enr	Sukhoy				E041 21 00	LN07QC	8377	5205	37
ShB	472.0			Oktyabrskoe				E034 06 00	KN75BH	8152	5066	42
ShCh	295.0		<b>-</b> :	Vasilkov				E030 18 00	KO50DF	7566	4701	41
ShD SHD	420.0 363.0		CIV	Orsk Maragheh/Sahand				E058 36 00 E046 08 35	LO91HG	8712	5414 5888	25 40
SHD	383.0	400	onr	Scotstown Head		IRN G	N57 33 33		LM37BI IO97CN	9475 5364	3333	45
ShE	602.0	400	CIII	Pravdinsk				E043 29 00	LO16RM	7670	4766	30
ShF	285.0		civ	Omsk				E073 28 30	MO64RW	8757	5441	16
SHH	365.0			Shishmaref	AK		N66 15 29	W166 03 09	AP66XG	5499	3417	
ShL	540.0		OIV	Orenburg 2	7313		N59 50 00		LO79NT	7786	4838	22
SHL	338.0	1020		Sheldon	IA		N43 12 51		EN23BF	1323	822	272
SHL	579.5	. 323	iw	Shelf Explorer/Dan F	., .	IW	N55 28 42		JO25NL	5845	3632	45
SHM	332.0	400		Shoreham		G		W000 17 48	IO90UT	5738	3566	53
ShN	312.5		•	Shoyna		RUS		E044 08 00	LP27BV	6749	4194	21
SHO	333.0	400		Shell Expro/Sean South PP		IW		E002 51 37	JO13KE	5822	3618	49

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ShP	291.5			Mys Shipunskiy	_		N53 06 30	E160 03 30	RO03AC	7854	4880	327
SHR	268.0		civ			IRN	N36 26 04	E055 08 19	LM76NK	10001	6215	35
ShS	320.0		civ	Kimry/Borki		RUS	N56 48 00	E037 20 00	KO86QT	7392	4593	32
SHT	212.0	1020		Shepparton		AUS	S36 25 42	E145 23 46	QF23QN	16161	10042	267
SHU	356.5	400	enr	Schupberg for Bern/Belp		SUI	N47 01 18	E007 23 31	JN37QA	6435	3998	54
ShW	832.0		civ	Olenya		RUS	N68 09 00	E033 29 00	KP68RD	6400	3977	24
SI	200.0			Lusikisi		AFS	S31 17 00	E029 31 00	KF48SR	13789	8568	103
SI	255.0			Sarmi		INS	S01 52 25	E138 45 14	PI98JD	14026	8715	310
SI	279.0	400		Simiutaq		GRL	N60 40 54	W046 35 46	GP60QQ	2866	1781	38
SI	282.0			Siguiri		GUI	N11 24 04	W009 11 13	IK51JJ	7560	4698	95
SI	282.0			Siguiri		SEN	N11 24 00	W009 11 12	IK51JJ	7560	4698	95
SI	312.5			UNID		?						
SI	330.0			Harare			S17 57 14	E031 04 12	KH52MB	13009	8083	89
SI	343.0		mil				N25 53 39	E050 36 13	LL55HV	10759	6685	44
SI	345.0		enr	Ust-Kamenogorsk				E082 32 55	NO10GA	9455	5875	12
SI	351.0		civ	Covington/Addys	KY			W084 40 10	EM79PD	685	426	
SI	410.0	1020		Salzburg			N47 49 07	E012 59 16	JN67LT	6741	4189	51
SI	505.0	4655		Saransk			N54 08 00	E045 13 00	LO24OD	7944	4936	31
SIB	381.0	1020		Sibiu/Turnisor			N45 47 06	E024 09 09	KN25BS	7554	4694	47
SIE	367.0	1020	enr	Siedlce			N52 09 23	E022 12 32	KO12CD	6996	4347	43
SIE	608.0	4000		UNID	NO	?	N00 00 50	MO70 45 40	EN 1000 I	005	540	400
SIF	423.0	1020		Reidsville/Slammer/Wentworth	NC		N36 22 56	W079 45 48	FM06CJ	835	519	
SIG SIK	412.0 272.0	1020		Catania/Sigonella Sikeston	МО	1167	N37 23 45 N36 53 16	E014 58 18 W089 33 53	JM77LJ EM56FV	7565	4700 719	59 231
SIL	489.0	1020		Siegen/Siegerland	IVIO	D	N50 40 48	E008 08 19	JO40BQ	1157 6273	3898	50
SIM	246.0	1020	CIV	Simara		NPL			NL27LD	11978	7443	15
SIN	465.0		mil	Sinop			N42 01 20	E035 04 36	KN72MA	8474	5265	44
SIR	300.0		civ			IRN		E054 32 25	LL75GV	10971	6817	41
SIR	368.0	1020	civ	Sinclair/Rawlins	WY	USA			DN61KT	2260	1404	
SIR	391.0	400	iw	Siri	•••	IW		E004 54 27	JO26KL	5787	3596	44
SIR	441.0			Siem Reap			N13 23 53	E103 48 12	OK13VJ	13652	8483	
SIS	330.0			Puerto Asis		CLM	N00 33 06	W076 30 05	FJ10RN	4810	2989	
SIT	358.0	1020	civ	Sitka	AK	USA	N56 51 17	W135 32 04	CO26FU	4107	2552	311
SIV	310.0		joi	Sivas		TUR	N39 47 22	E036 53 36	KM89KS	8760	5444	45
SIV	326.0	1020		Sullivan	IN	USA	N39 06 49	W087 26 48	EM69GC	852	529	234
SJ	212.0	400	civ	Saint John	NB	CAN	N45 23 30	W065 49 08	FN75CJ	1093	679	77
SJ	282.0		civ	Sharjah International		UAE	N25 18 56	E055 32 23	LL75SH	11079	6884	40
SJ	330.0		civ			PTR	N18 24 32	W066 05 22	FK68WJ	3091	1920	152
SJ	356.0	1020	civ	San Angelo/Woole	TX		N31 16 48		DM91RG	2321	1442	240
SJ	395.0			Sochaczew				E020 13 00	KO02CG	6881	4276	43
SJA	414.0	400	mil	Bardufoss/Senja			N69 09 41	E017 48 57	JP89VD	5800	3604	27
SJC	230.0			São Jose		В	S23 14 59	W045 51 50	GG76BS	8187	5087	
SJE	402.0			San Jose del Guaviare				W072 38 06	FJ32QN	4627	2875	
SJM	265.0			San Juan de Manapiare				W066 02 58	FJ65XH	4471	2778	
SJV	1640.0	4000		San Javier				W062 36 17	FH83QQ	6885	4278	
SJX	381.5	1020		Beaver Island/St James	MI			W085 33 31	EN75FQ	522		295
SJY	227.0	1020	CIV	San Jacinto	CA			W116 59 57	DM13MT	3413	2121	
SK SK	215.0	1020		Pinang Sore		INS		E098 53 25	NJ91KN PM74RL	14967	9300 6608	2
SK SK	219.0 302.0	1020		Shinoda Sokode		J	N34 29 29 N09 00 09	E135 26 37 E001 09 01	JJ09NA	10634 8570	5325	332 90
SK SK	330.0			Sk				E120 19 35	PL02DN	12374	7689	
SK	350.0		civ	Zagreb/Pleso/S. Kraljevec			N45 48 21		JN85BT	7068	4392	51
SK	368.0	400		Sodankylä				E026 34 01	KP37GL	6207	3857	27
SK	375.0	-100	OIV	Sukkur			N27 43 20		ML47JR	11443	7110	29
SK	378.0			Sokcho				E128 35 52	PM48HD	10492	6519	
SK	380.0			UNID		?	. 100 00 10	_ 120 00 02	0110	13402	5510	550
J.,	550.0					•						

SK         442.0         400 civ         Uralsk/Podstepnyy         KAZ         N51 07 26 E051 29 10 E051 RC         8465 8465 8465 8465 8465 8465 8465 8465	4278	360 47 29 43 14 43 42 147 242 53 40 97 268 98 214
SK         434.0         1020 civ         Leipzig/Halle         D         N51 26 05         E012 07 00         JO61BK         6469           SK         442.0         400 civ         Civ Uralsk/Podstepnyy         KAZ         N51 07 26         E051 29 10         LO51RC         8465           SK         460.0         Swidnik         POL         N51 14 00         E022 42 00         KO11IF         7086           SK         470.0         Civ         Nefteyugansk         RUS         N61 03 42         E072 41 36         MP61IB         8101           SK         588.0         civ         Simferopol         UKR         N45 02 18         E033 58 54         KN65XA         8168           SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         344.0         1020         civ Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ Skiathos         GRC         N39 10 27         E	4020 5260 4403 5034 5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	47 29 43 14 43 42 147 242 53 40 97 268 98
SK         442.0         400 civ         Uralsk/Podstepnyy         KAZ byta         N51 07 26 byta         E051 29 10 byta         LO51RC byta         8465 byta           SK         460.0 byta         Swidnik         POL byta 14 00 byta         E051 29 10 byta         KO11IF byta         7086 byta           SK         470.0 byta         UNID         POL byta 14 00 byta         E072 41 36 byta         MP61IB byta         8101 byta           SK         510.0 byta         civ         Seff byta 24 byta         Seff byta         Se	5260 4403 5034 5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	29 43 14 43 42 147 242 53 40 97 268 98
SK         460.0         Swidnik         POL         N51 14 00         E022 42 00         KO11IF         7086           SK         470.0         UNID         ?         FOL         N51 14 00         E022 42 00         KO11IF         7086           SK         510.0         civ         Nefteyugansk         RUS         N61 03 42         E072 41 36         MP61IB         8101           SK         588.0         civ         Simferopol         UKR         N45 02 18         E033 58 54         KN65XA         8168           SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skithos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Kédougou         SEN         N12 33 59 <t< th=""><th>5034 5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278</th><th>43 14 43 42 147 242 53 40 97 268 98</th></t<>	5034 5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	43 14 43 42 147 242 53 40 97 268 98
SK         470.0         UNID         ?           SK         510.0         civ         Nefteyugansk         RUS         N61 03 42         E072 41 36         MP61IB         8101           SK         588.0         civ         Simferopol         UKR         N45 02 18         E033 58 54         KN65XA         8168           SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         Golden Rock/Bradshaw         SCN         N17 17 45         W062 44 36         FK87PH         3342           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI	5034 5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	14 43 42 147 242 53 40 97 268 98
SK         510.0         civ         Nefteyugansk         RUS         N61 03 42         E072 41 36         MP61IB         8101           SK         588.0         civ         Simferopol         UKR         N45 02 18         E033 58 54         KN65XA         8168           SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         Golden Rock/Bradshaw         SCN         N17 17 45         W062 44 36         FK87PH         3342           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         350.0         civ         Kaolack         SEN         N	5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	43 42 147 242 53 40 97 268 98
SK         588.0         civ         Simferopol         UKR         N45 02 18         E033 58 54         KN65XA         8168           SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         Golden Rock/Bradshaw         SCN         N17 17 45         W062 44 36         FK87PH         3342           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKN         256.0         Smithville/Hurricane         TN	5076 4985 2076 1236 4972 6325 4493 791 4229 641 4278	43 42 147 242 53 40 97 268 98
SK         680.0         enr         Skadovs'k         UKR         N46 08 00         E032 55 00         KN66LD         8023           SKB         325.0         Golden Rock/Bradshaw         SCN         N17 17 45         W062 44 36         FK87PH         3342           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         398.0         civ         Cap Skiring         SE	4985 2076 1236 4972 6325 4493 791 4229 641 4278	42 147 242 53 40 97 268 98
SKB         325.0         Golden Rock/Bradshaw         SCN N17 17 45         W062 44 36         FK87PH         3342           SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN	2076 1236 4972 6325 4493 791 4229 641 4278	147 242 53 40 97 268 98
SKB         344.0         1020         civ         Wichita Falls/Scotland         TX         USA         N33 47 24         W098 29 11         EM03SS         1989           SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipshol	1236 4972 6325 4493 791 4229 641 4278	242 53 40 97 268 98
SKC         326.0         civ         Skiathos         GRC         N39 10 27         E023 30 03         KM19SE         8002           SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	4972 6325 4493 791 4229 641 4278	53 40 97 268 98
SKD         376.0         civ         Shahre Kord         IRN         N32 18 20         E050 50 19         LM52KH         10179           SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	6325 4493 791 4229 641 4278	40 97 268 98
SKG         320.0         civ         Kédougou         SEN         N12 33 59         W012 12 59         IK32VN         7230           SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	4493 791 4229 641 4278	97 268 98
SKI         356.0         1020         Sac City         IA         USA         N42 22 50         W094 58 57         EN22MJ         1272           SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	791 4229 641 4278	268 98
SKK         350.0         civ         Kaolack         SEN         N14 09 26         W016 02 31         IK14XD         6806           SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	4229 641 4278	98
SKN         256.0         Smithville/Hurricane         TN         USA         N35 59 03         W085 48 29         EM75CX         1032           SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	641 4278	
SKN         398.0         civ         Cap Skiring         SEN         N12 23 12         W016 44 34         IK12PJ         6884           SKP         403.0         enr         Skipsholmen for Hammerfest         NOR         N70 55 02         E023 41 09         KQ10UW         5912	4278	/1/1
SKP         403.0         enr Skipsholmen for Hammerfest         NOR N70 55 02         E023 41 09         KQ10UW         5912		100
	3673	24
<b>SKR</b> 251.0 civ Bedford/Shaker Hill MA USA N42 27 21 W071 10 43 FN42JK 692	430	101
SKS 330.0 400 civ Karlstad S N59 22 37 E013 16 25 JO69PJ 6090	3784	39
	7302	17
SKX 414.0 1020 civ Taos/Ski NM USA N36 27 28 W105 40 35 DM76DK 2369		
<b>SL</b> 241.0 Salem IND N11 46 57 E078 03 39 MK91AS 13434	8348	26
		287
<b>SL</b> 270.0 Freetown Lungi SRL N08 36 24 W013 10 04 IJ38JO 7456	4633	100
<b>SL</b> 299.0 1020 civ Berlin/Schönefeld D N52 24 01 E013 37 21 JO62TJ 6500	4039	46
<b>SL</b> 307.0 Maguohe CHN N25 26 54 E103 17 30 OL15PK 12321	7656	357
<b>SL</b> 337.0 Selayar INS S06 10 00 E120 26 00 PI03FT 15399	9568	330
<b>SL</b> 341.0 Solera ZWE S17 11 11 E029 31 46 KH42ST 12830	7972	90
<b>SL</b> 342.0 400 civ Göteborg/Landvetter S N57 35 42 E012 13 13 JO67CO 6130	3809	41
<b>SL</b> 344.0 1020 civ Salina/Flory KS USA N38 40 54 W097 38 42 EM18EQ 1626	1010	255
<b>SL</b> 350.0 UNID ?		
<b>SL</b> 360.0 1020 enr Svinafell for Hornafjördhur ISL N64 23 01 W015 23 12 IP24HJ 4506	2800	37
SL         395.0         1020 civ         Saranac Lake/Briel         NY         USA         N44 28 37         W074 07 27         FN24WL         431	268	80
<b>SL</b> 505.0 Khomutovo RUS N46 50 00 E142 42 48 QN16IT 9136		332
<b>SL</b> 515.0 400 enr Sukhodol RUS N53 54 00 E051 11 00 LO53OV 8199	5095	28
SL 522.0 UNID ?		
SL 534.0 1020 civ Bydgoszcz/Szwederowo POL N53 06 11 E018 03 11 JO93AC 6707	4167	43
•	4233	34
	5250	34
	5676	
SL       718.0       400* enr Soloviivka       UKR N50 11 12 E029 33 48 KO40SE 7531         SL       968.0       UNID       ?	4679	41
SLB 382.0 UNID ?		
	3693	39
SLB         434.0         1020 civ Storm Lake         IA         USA N42 36 02 W095 14 39 EN22JO         1288	800	
	3153	51
SLH 360.0 UNID ?	3.00	51
SLI 244.0 San Luis CLM N00 51 22 W077 40 30 FJ10DU 4771	2964	177
	3872	
	3499	45
	4037	46
	4121	97
<b>SLO</b> 400.0 1020 civ Salem IL USA N38 38 38 W088 58 03 EM58MP 986		237

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SLP	382.0	400		•		G	N52 50 01	W002 46 25	IO82OU	5492	3413	51
SLP	417.0	1020	•	Shelby/First River	NC	USA	N35 15 10	W081 35 56	EM95EG	977	607	192
SLR	314.0			UNID		?						
SLS	353.0			Shellys		AUS	S34 42 31	E150 00 14	QF55AG	15702	9757	267
SLS	415.0	1020		Salinas		EQA	S02 12 02	W080 59 21	EI97MT	5108	3174	182
SLT	387.0	1020	civ	Sylt/Westerland		D	N54 51 25	E008 24 36	JO44EU	6065	3768	45
SLU	415.0	1020		Vigie		LCA			FK94LA	3749	2330	146
SLV	386.5	1020	civ	Spa/La Sauvenière		BEL		E005 54 47	JO20WL	6147	3820	51
SLW	400.0		civ		ОН		N40 52 30	W081 49 59	EN90CV	388	241	211
SLY	344.0	1020	civ	Hayward/Seeley	WI		N46 06 44		EN46HC	971	603	289
SM	203.0			Pyongyang				E125 41 12	PM29UE	10465	6503	341
SM	230.0	1020	CiV	Sacramento/Metre	CA			W121 35 58	CM98ET	3533	2195	276
SM	244.0	400		Saumlaki	NIT	INS	S07 59 24		PI52PA	15039	9345	314
SM	254.0	400	CIV	Fort Smith	NT		N59 58 17		DO49BX	2809	1746	321
SM	290.0			Sainte Marie			S17 05 04	E049 50 00	LH42WV	14433	8968	74 40
SM SM	297.5 297.5			Mys Sokhumskiy/Sukhum Ostrov Samba Luda		RUS	N65 38 18	E040 58 24 E035 14 00	LN02LX KP75OP	8711 6637	5413 4124	40 26
SM	300.0	1020		São Marcos		В	S02 29 19	W044 18 08	GI77UM	6219	3864	136
SM	315.0	1020	IIIai	Monrovia Spriggs Payne		LBR	N06 19 34		IJ46PH	7824	4862	100
SM	316.0			Samui		THA	N09 33 14		OJ09AN	14085	8752	1
SM	341.0		civ	Sisimiut			N66 57 05	W053 42 09	GP36DW	2992	1859	22
SM	355.0		0.1	Kuala Lumpur		MLA			OJ03SC	14799	9196	359
SM	356.5	400	mil			G	N50 26 53	W004 59 40	IO70MK	5452	3388	55
SM	365.0		civ					E047 41 06	LN32US	9063	5631	36
SM	377.0	400	pri	Mora/Siljan		S	N60 53 12	E014 33 54	JP70GV	6075	3775	37
SM	421.0			Smolensk		RUS						
SM	435.0	400*	civ	Semenivka		UKR	N52 11 36	E032 32 48	KO62GE	7530	4679	38
SM	662.0	400*	enr	Smolenskaya		RUS	N44 47 00	E038 48 00	KN94JS	8445	5248	40
SM	970.0			Tambov		RUS	N52 42 00	E041 23 00	LO02QQ	7904	4911	33
SMA	230.0	1020	civ	Saint Marys	AK	USA	N62 03 30	W163 17 30	AP82IB	5526	3434	322
SMA	323.0	1020	civ	Santa Maria		AZR	N36 59 48	W025 10 32	HM76JX	4585	2849	80
SMA	350.0	1020	enr	Somosierra		Е	N41 08 12		IN81FD	6015	3737	65
SMA	365.0	1020		Santa Maria		В	S29 42 28	W053 40 54	GG30DH	8563	5321	157
SMA	401.0			Smara		MRC	N26 44 18	W011 40 12	IL46DR	6269	3895	84
SME	357.0	1020			011	1	N40 53 37		JN40SV	6953	4321	59
SME	395.0	400	_	XEN-395	ОН	USA	N39 42 54	W083 55 48	EM89AR	595	370	220 50
SMF SMH	333.0 457.5	400	civ	Sheffield City Airport Ulundi		G AFS	N53 23 34 S28 14 07		IO93HJ KG51RS	5554 13749	3451 8543	98
SMI	248.0	400		Smithton			S40 49 59	E145 04 54	QE29ME	16381	10178	260
SMI	314.0	400	civ					W013 17 59	IK33IB	7108	4417	97
SML	390.0			Abu Simbel				E031 36 45	KL52TI	9871	6134	60
SMO	375.0		civ					E026 55 00	KM37LQ	8332	5177	52
SMR	215.0	1020		Cerrito		В		W053 46 09	GG30CH	8560	5319	157
SMR	287.0	1020		Santa Marta		CLM		W074 15 41	FK21UA	3679	2286	171
SMR	328.0		enr	Sremska Mitrovica		YUG	N44 59 58	E019 36 35	JN95TX	7337	4559	50
SMR	370.0		civ	Algiers/Houari Boumedienne/Semmar		ALG	N36 41 34	E003 05 24	JM16NQ	6767	4205	66
SMR	373.0		joi	Samar for Eilat/J. Hozman		ISR	N29 48 57	E035 01 55	KL79MT	9482	5892	52
SMS	221.0	1020		Marcos		MEX	N16 47 46	W099 22 57	EK06HT	3542	2201	218
SMS	252.0	1020	civ	Sumter	SC	USA	N33 59 27	W080 21 38	EM93TX	1102	685	184
SMT	330.0	1020		San Matias			S16 20 06		GH03TP	7006		157
SMY	329.0	1020		Marianna/Soyya	FL			W085 13 30	EM70JU	1532	952	
SN	291.5			Mys Set'Navolok				E033 30 00	KP69SJ	6316	3925	23
SN	295.0			Slettnes				E028 12 58	KQ41CC	6044	3756	22
SN	300.5			Mys Setnavolok				E033 30 02	KP69SJ	6315	3924	23
SN	308.0			Cabo de Sines				W008 53 06	IM57NW	5799	3603	71
SN	309.5		mar	Smirnova		KUS	N59 54 18	E166 23 54	RO39EV	7040	4374	329

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SN	312.0			Saipan		MRA	N15 06 41	E145 42 37	QK25UC	12031	7476	314
SN	314.0	0	mar	Cabo San Sebastián		Ε	N41 53 54	E003 12 12	JN110V	6454	4011	61
SN	338.0			Sehwan Sharif			N26 28 32	E067 43 06	ML36UL	11527	7163	30
SN	340.0			UNID		?						
SN	340.0			Sandakan				E118 00 15	OJ95AV	14220	8836	338
SN	347.0			Stagen		INS	S03 18 18	E116 10 31	OI86CQ	15253	9478	337
SN	357.0			Sunyani			N07 22 39		IJ87UJ	8416	5230	93
SN	365.0			Sakon Nakhon			N17 11 49	E104 06 53	OK27BE	13230	8221	356
SN	370.0	400	oi.	Taichung St Catherines	ON		N24 08 11	E120 39 19 W079 15 17	PL04HD	12198	7580	341
SN SN	408.0 430.0	400 0		StYan	ON	F	N45 06 49 N46 17 42		FN03ID JN26BH	85 6262	53 3891	169 56
SN	475.0	U	CIV	Cerklje			N46 17 42 N46 38 00	E016 11 00	JN86CP	7015	4359	50
SN	588.0	1020	civ	Simferopol			N45 00 03	E033 57 28	KN65XA	8170	5077	43
SN	866.0	1020		Sultanskoye			N44 35 30	E042 40 00	LN14IO	8658	5380	38
SND	362.5	400		Southend-on-Sea		G	N51 34 34		JO01IN	5766	3583	51
SNE	260.0	1020		Saint Elena	TX	USA		W098 34 38	EL06RR	2567	1595	228
SNE	394.5			Senetose		F	N41 33 28	E008 47 56	JN41JN	6863	4264	58
SNG	220.0			Srinagar		IND	N33 58 58	E074 46 56	MM73JX	10995	6832	21
SNG	250.0			San Ignacio de Velasco			S16 22 48	W060 57 49	FH93MO	6935	4309	160
SNI	381.0			UNID		?						
SNJ	366.0		civ	Sanandaj		IRN	N35 15 50	E047 00 34	LM35MG	9708	6032	41
SNO	355.0			Santo Domingo		CHL	S33 39 04	W071 36 46	FF46EI	8624	5359	173
SNP	362.0			St. Paul Island/Reeve	AK	USA	N57 09 06	W170 13 31	AO47VD	6105	3794	318
SNR	375.0	400	iw	Snorre		NOR	N61 27 02	E002 08 36	JP11BK	5437	3378	39
SNT	340.0			San Antonio de Areco			S34 14 52	W059 28 32	GF05GS	8887	5522	163
SNT	385.0			UNID		?						
SNT	457.0			UNID		?						
SNU	382.0			UNID		?						
SNU SNUE	449.5 382.0		noa	UNID VLM-382		?	N49 42 06	E015 04 06	JN79MQ	6750	4194	48
SO	255.0		neg	Solo		INS	S07 30 44	E110 44 48	OI52IL	15853	9851	343
SO	290.0			Songo			S15 35 01	E032 45 57	KH64JJ	12972	8061	86
SO	310.0			Soyo			S06 08 00	E012 22 00	JI63EU	10626	6603	93
so	323.0			Soroti			N01 43 21	E033 37 23	KJ61TR	11702	7271	72
SO	330.0	400	civ	Eelde/Groningen			N53 12 55	E006 47 07	JO33JF	6055	3763	47
so	353.0	1020		Winfield	KS	USA	N37 05 23	W097 02 11	EM17LC	1666	1035	249
SO	390.0	1020	civ	Santiago		Ε	N42 58 12	W008 26 18	IN52SX	5564	3457	65
SO	410.0	1020		Marquette/Suomi	MI	USA	N46 15 44	W087 24 58	EN66HG	679	422	296
SO	415.0			Pyongyang				E125 41 48	PM29UD	10468	6504	341
so	453.0		enr	Muynak				E059 02 00	LN93MS	9459	5878	29
SO	730.0			Severodonetsk				E038 33 00	KN98GV	8089	5026	38
so	761.0			Sochi				E039 54 36	KN93WK	8617	5354	40
SOA	371.0	1020		Sonora	TX			W100 38 49	DM90QN	2379	1478	
SOF	350.0	1020	CIV	Sofia			N42 41 32	E023 28 00	KN12RQ	7739	4809	50
SOF SOG	480.0 355.0			UNID Sogamoso/Alberto Lleras		? CLM	NO5 40 27	W072 58 04	FJ35MQ	4282	2661	170
SOK	387.0	400	civ	Oslo/Gardermoen/Sokna				E009 54 55	JP40WF	5879	3653	39
SOL	280.0	1020		Chongon				W080 04 32	EI97XS	5111	3176	
SOL	411.0	0		UNID		?	JUL 17 00		2.577.0	0111	3170	.01
SOM	220.0	J		San Tome			N08 57 08	W064 08 36	FJ78WW	4147	2577	155
SOM	225.0			Cerro Sombrero				W069 22 09	FD57HG	10751	6680	
SON	412.0	1020		Santo/Pekoa				E167 13 00	RH34OL	13055	8112	
SOR	426.0	1020	enr	Sorrento		- 1		E014 20 08	JN70EN	7301	4537	56
sow	206.0	1020	civ	Show Low	ΑZ	USA	N34 16 02	W110 00 30	DM44XG	2831	1759	258
SOY	368.0	1020		Sioux Center	IA	USA	N43 07 59	W096 11 23	EN13VD	1353	841	272
SP	253.0			Ramba		INS	S02 41 36	E104 06 42	OI27BH	15426	9585	355

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	٥
SP	296.0	1020	civ	Wichita Falls/Shawn	TX	USA	N33 54 38	W098 27 16	EM03SV	1978	1229	242
SP	298.0			Sarsawa		IND	N30 00 00	E077 25 55	MM80RA	11492	7141	20
SP	303.0			Selebi Phikwe		BOT	S22 03 11	E027 48 16	KG37VW	13038	8101	95
SP	305.0			Sei Pakning		INS	N01 22 16	E102 08 22	OJ11BI	14988	9313	358
SP	305.0			Sampit		INS	S02 30 06	E112 58 32	OI67LL	15259	9481	
SP	317.0			Sheikhupura				E073 59 56	MM61XQ	11211	6966	23
SP	321.0	400	mil	Vojens/Skrydstrup			N55 11 30		JO45RE	6107	3794	
SP	330.0			São Tome		STP	N00 22 29	E006 43 00	JJ30II	9675	6012	
SP	352.0			Pierrefonds/Etang		REU		E055 21 44	LG78QR	15175	9429	73
SP	357.0	4000	<b>_:</b>	Sapporo		J		E141 19 14	QN03PE	9546	5931	332
SP SP	382.0 386.0	1020 400	civ	Springfield/Huskk St. Pierre	IL		N39 46 23 N46 45 45	W089 45 36 W056 10 10	EM59CS GN16VS	970 1846	603 1147	245 72
SP	394.0	400	CIV	Spencer/Snore	IA		N46 45 45 N43 13 57		EN23IF	1282	797	
SP	418.0	400	civ	Semipalatinsk	IA		N50 21 25	E080 19 00	NO00DI	9380	5828	
SP	535.0		CIV	Malinovka		RUS			NO26QQ	8766	5447	8
SP	635.0			UNID		?	1100 42 00	2000 21 00	1102000	0700	0447	Ü
SPA	349.0	400	iw	Sleipner A		IW	N58 22 00	E001 54 25	JO08WI	5540	3443	43
SPE	230.0			San Felipe		VEN		W068 45 14	FK50OG	3865	2402	
SPF	300.0		civ	Black Hills/Spearfish	SD		N44 29 04	W103 47 04	DN84CL	1939	1205	
SPG	362.0			Simpsons Gap		AUS	S23 43 20	E133 44 44	PG66UG	16257	10102	296
SPH	375.0	1020	civ	Springhill	LA	USA	N32 55 13	W093 24 34	EM32HW	1719	1068	230
SPM	350.0	1020	civ	Speyer		D	N49 18 18	E008 27 18	JN49FH	6370	3958	51
SPO	250.0	1020		São Paulo		В	S23 36 37	W046 40 03	GG66PJ	8190	5089	149
SPO	315.0	1020	pri	Marina di Ravenna/ENI Heliport		I	N44 29 00	E012 17 00	JN64DL	6908	4292	54
SPP	387.0	1020		San Andres		CLM	N12 35 31	W081 42 07	EK92DO	3476	2160	184
SPP	420.0	1020	civ	Sevilla		Е	N37 25 05	W005 47 44	IM77CK	6063	3767	70
SPQ	414.0	1020		Memphis/Spain	TN		N35 12 05	W090 03 05	EM45XE	1325	823	
SPY	314.0		CÍV	Saint Paul Island/Pribilof Islands	AK		N57 09 28	W170 13 51	AO47VD	6105	3794	
SQ	227.0	1020	<b>_:</b>	Connersville/Pnthr	IN		N39 46 37		EM79KS	656	408	
SQM SQT	529.0 257.0	1020 1020	civ	Level Island/Sumner Strait Melbourne/Satellite	AK FL		N56 27 53 N28 05 58	W133 05 51 W080 42 03	CO36KL EL98PC	3960 1756	2461 1091	
SR	203.0	1020		Shakhbuz			N39 24 00	E045 34 00	LM29SJ	9261	5755	
SR	205.0		joi	Shiraz Shahid Dastghaib		IRN		E052 40 18	LL69IM	10535	6546	40
SR	245.0		•	Sarasota/Ringy	FL		N27 19 42		EL87SH	1858	1155	
SR	289.0			UNID		?						
SR	338.0			Surat Thani		THA	N09 07 59	E099 08 44	NJ99ND	14130	8780	2
SR	345.0		civ	Syktyvkar		RUS	N61 41 24	E050 52 54	LP51KQ	7483	4650	23
SR	360.0	1020	civ	Saarbrücken/Ensheim		D	N49 13 04	E007 13 10	JN39OF	6298	3913	52
SR	372.0	0	civ	Saumur/StFlorent		F	N47 15 34	W000 06 52	IN97WG	5927	3683	57
SR	376.0		civ	Podor			N16 38 57	W014 57 59	IK26MP	6708	4168	95
SR	395.0		civ	· · · · · · · · · · · · · · · · · · ·		RUS						
SR	399.0		CÍV	Pavlovsk			N53 18 00	E083 00 00	NO13MH	9105	5658	11
SR	435.0	1020		UNID		?						
SR	449.0	1020		UNID		?	N40 22 00	E022 24 00	LVN140CM	7060	4510	46
SR SR	690.0 743.0	1020	onr	Seredne Sergeli				E022 31 00 E069 12 00	KN18GM MN41OE	7263 10075	4513 6261	46 23
SR	907.0			Sarmakovo				E043 07 00	LN13NS	8753	5439	
SRC	323.0	1020	OIV	Searcy	AR			W091 43 57	EM45DF	1426	886	
SRE	230.0	1020		Sucre	,			W065 17 31	FH70IX	7114	4420	
SRE	278.0			Seminole	OK			W096 40 29	EM15PG	1757	1091	
SRI	399.0		civ	Saint George/Pribilof	AK		N56 34 26		AO56EN	6104	3793	
SRJ	270.0			San Borja				W066 44 07	FH65PD	6632	4121	
SRN	257.0	400		Strahan		AUS	S42 09 10	E145 17 41	QE27PU	16413	10198	
SRN	330.0	1020	enr	Saronno for Milano		1	N45 38 46	E009 01 18	JN45MP	6623	4115	54
SRN	362.0	400	iw	South Arne		IW	N56 04 42	E004 13 48	JO26CB	5768	3584	45
SRN	395.0			San Carlos de Rio Negro		VEN	N01 55 22	W067 03 27	FJ61LW	4809	2988	162

SRR         39.4.0         Sands         IRN         NS 29.43         EGE 10 427         Modes         12.24         52.77         21.1         21.0         80.0         JMS 11.1         20.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         11.0         12.0         11.0         12.0         11.0         12.0         11.0         12.0         11.0         12.0         11.0         12.0         11.0         12.0	Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
SRT         4070         1020         Sine         LBY N31 13 85         Column Service         Mished         LBY N37 13 95         Cel 15 301         Mished         98         24         SARW         353.0         LW         Sheawater/Shell UK Lid         LBW N37 01 50         Cel 15 712         JOO7XA         590         3478         4               SS             272.5             Sheawater/Shell UK Lid             LBW N37 01 50             Cel 15 71 20             JOO7XA             590             340             4               SS             272.5             Sheawater/Shell UK Lid             AFS S274 03 M             COLO 12 50             GOUNT COLO 12 50             3201             401               SS             315.5             400 pl             Sassadra             GN BOR 27 37             WOOL 12 55             PORUL             502             3201             401               SS             340.0             UNID             7             7             3201             408             401             108             6013             3201             420               SS             370             400             Vic             Month Mission             402             400             400             400             400				-	•	0							31
SRW         353.0         M         Sheanwater/Shell UK Lid         I,W         S7 01 50         E01 57 12         JOOTAAL         599         3478         48           SS         272.5         Sishen         APIS         SET 40 10         MORO 74 00         MURDUM         2021         515         59           SS         315.5         40 pm         Moro Sasandra         CTI         NOT         NOT         50         99.0L         520         3291         41           SS         315.5         40 pm         Constate         G         NS 02.73         00011 255         POPAL         529         3291         41           SS         340.0         UNID         PKK         NS 44 83 22         E072 210         MIM-64 TI         10835         6733         22           SS         350.0         400         VIND         PKK         NS 44 83 22         E072 210         MIM-64 TI         10835         6733         23         43           SS         300         400         VIND         SS         201 Siste         100 Siste         100 Siste         200 Siste         200 Siste         200 Siste         200 Siste         200 Siste         200 Siste         200 Siste         200 Siste		407.0	1020		Sirte		LBY	N31 11 36	E016 36 00	JM81HE	8124	5048	63
SS         27.6         UNID         AFS         S27.40.34         E023.00.50         KolfazMH         30.40         10.5         10.5         55         20.00         Sassandra         CTI         NAH 56         12.00         0.00         4.00         55         15.5         400         pt         Catalata         G         N80.27.37         W001 12.5         IP90.0L         52.07         15.1         45.0         15.0	SRT	409.0		civ	Siirt		TUR	N37 58 37	E041 50 37	LM07WX	9190	5710	43
SS         272.5         Sisher         AFS         S27.4 0.3         E03.00 SO         Korp Mode         31.55 So         8.9         3.0         Lossmandra         CTI         NO.4 0.2 0.3         18 W00 67 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	SRW	353.0		iw	Shearwater/Shell UK Ltd		IW	N57 01 50	E001 57 12	JO07XA	5597	3478	45
SS         290.0         Sassandra         CTI         No4 0 pt         MOD 00 07 40         MEMW         8297         5155         982         415         SS         325.0         UNID         7         W00 11 25         IP90.U         527         421         41         SS         357.0         UNID         7         7         C         Saidu Shanif         PAK         N34 83         22 E072 21 07         MM64 Med         MS         88 98 98 98         C013 42 43         MOG 000         6733         23.0         ASS         SS         420 0         AU         civ Malmo/Sturup         S         N8 19 39 39         C013 42 43         MG 000         MS         18 18 98 39         C013 42 43         MG 000         MS         32 10 000         MS         18 18 40         MG 000 14 42         JOG 000 VCV         27 22 350         50 12         SS         MS         18 18 40         MG 000 VCV	SS	266.5			UNID		?						
SS         315.5         40 pr         Scalatia         GR         80 27.77 (W011 2.5 )         PMPUL         257 2.72 (M012 2.5 )         4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SS	272.5			Sishen		AFS	S27 40 34	E023 00 50	KG12MH	13044	8105	103
SS         345.0         UNID         7           SS         357.0         Saidu Sharif         PAK         N34 48 22         E072 21 07         MIMBAET         1085         33.23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         23         20         200 (20)         20	SS				Sassandra		CTI	N04 56 18	W006 07 40	IJ64WW	8297	5155	
SS         340.0         UNID         ?         FMA         N34 48 32         EOTZ 21 OF         MIMGET         108         873 23.2         385         380         400         color of Scidu Sharif         PAM         N34 48 32         EOTZ 21 OF         MIMGET         108         839 30         40         38         420.0         400         color of Mamor Sharifung         S         NS 57 37         EORI 32 32         100         6310         3921         43         38         40         40         Color of Mamor Sharifung         NS 57 37         WEN 108 73 33         WEN 108 70 30         FUB 108 70 70         70         425         155         55 <t< th=""><th></th><th></th><th>400</th><th>pri</th><th></th><th></th><th></th><th>N60 27 37</th><th>W001 12 55</th><th>IP90JL</th><th>5297</th><th>3291</th><th>41</th></t<>			400	pri				N60 27 37	W001 12 55	IP90JL	5297	3291	41
SS         357         US         Saidu Sharif         PAX         WA         440         26         0.08         50         33         23													
SS         330.0         400         c/c/c/c/c/c/c/c/c/c/c/c/c/c/c/c/c/c/c/													
SS         420,0         490         visit         Malmo/Starup         S         NS52 73         1019 23 22         JO650L         6314         2821         1158           SSD         429,0         490         visit         London/Stansted         G         NS15 341         2000 1442         JO01CV         5722         3556         51           SSD         429,0         420         civ         London/Stansted         G         NS15 341         000 1442         JO01CV         572         3556         51           SSD         420         120         civ         Nichtly Novgorod/Strigino         RUS         NS6 16 30         0043 47 58         LO16VG         7703         480 30           ST         290.1         120         viv         Subkentopporn/Manitistoq         GRL         NS5 27 31         0044 22 54         LO16VG         7956         6828         39           ST         310.0         120         viv         Mss Striegova         GRL         NS5 27 31         0044 22 54         LO16VG         7956         480         159         159         152         151         342         241         150         480         150         152         152         151         342													
SSB         318.0         San Sebastatin         VEN N09 57 33         W07 09 03         FlegNeX         3944         2451         159           SSD         4300         1020         IV London/Stansted         G B 15:53 41         800 14 20         10010         2722         25.56         51           SSQ         2120         I USA         145:45 43 40         W09 15:73 32         W08 15:10         LMSA         1006         25.25         51           ST         245.0         civ Nichliny Morgord/Strigino         RUS         N56 16:30         16943 47:54         LO16WG         7003         780         384         25.75           ST         290.1         SL SpephTario         M0         USA         N39:40:33         W094 54:25         M07570         780         384         25.55           ST         230.0         SL SpephTario         M0         USA         N52:51         380         1935 84         280         1901         25.5         51         316.0         1907         280         280         805         280         805         281         381         280         1907         782         280         805         281         381         222         284         283         381													
SSD         429.0         400.0         LV         London/Stanshed         G         N5 15 34         E000 14 42         JODIC V         5722         3565         5           SSH         380.0         1202         UNID         2         UNID         2         C         SST         260.0         LUS         Vision Novogood/Strigino         RUS         N86 163         609 347 54         LOTROM         700         456         286           ST         280.0         1020         VS         LosephTrano         M         USA         N89 40 33         452         EURSINO         1365         488         255           ST         290.0         102         VS         LosephTrano         ARM         N41 00         560         225 42         6878         2880         180         25           ST         310.0         TS         Stepanawan         GRL         NS         251 22         260         620         22         LN216         280         25         180         250         250         250         260         260         260         250         260         260         260         260         260         260         260         260         260         260			400	CÍV	·								
SSH         360.0         1020 bit         UNID         7         Base of the control of			400	<b>_:</b>									
SSQ         212.0         1020         cV         Shell Lake         WI         USA         M44.3         W091 55 10         ENASAR         1006         62.52         286         ST         245.0         civ         Nizhny NovgordStrigino         RUS         N56 16.3         E043 47.54         LO16VG         7703         4786         30           ST         290.0         1020         civ         St. Josephi Tario         MO         USA         N394 03 30         CEURINO         1365         648         255           ST         292.0         Civ         St. Josephi Tario         ARM         N41 00 54         E044 22.54         LN21EA         0905         7628         39           ST         3140.0         C.         Stlkertoppen         Maintiston         RUS         N75 22.42         E084 84 54         N045UJ         490         139         159         159         159         159         159         159         159         159         159         159         159         159         159         159         150         150         150         150         150         150         150         150         150         150         150         20         20         150         20				CIV				N51 53 41	E000 14 42	JOUTEV	5/22	3556	51
ST         245.0         civ         Nizhny Novgorod/Strigino         RUS         NS 16 63         0 (1804)         C1703         4786         30           ST         290.0         1002         civ         Nizhogania         ARM         N41 005         E044 22 54         LN21EA         9057         5628         35           ST         310.0         Sukkertoppen/Manilistoq         GRL         N85 2513         W052 54 20         GP35NK         2988         1801         25           ST         310.0         Tur         Mys         Sterlegava         RUS         N52 250         29         0957 2942         GG14GU         7966         490         159           ST         340.0         Cu         vistambul/latidirk         TUR         N40 57 47         E0268 29         W057 2942         GG14GU         7966         490         159           ST         340.0         Lu         vist. Cloud/Hussk         MN         USA         A83 243         W057 2948         R016 30         W052 34         A90         1000         6014         M312 20         W052 34         M052 34         M052 34         M052 34         M052 34         M052 34         M052 34         M052 34         M052 34         M052 34 <t< th=""><th></th><th></th><th></th><th>civ</th><th></th><th>\//I</th><th></th><th>N/15 //3 //0</th><th>W001 55 10</th><th>EN//5AD</th><th>1006</th><th>625</th><th>286</th></t<>				civ		\//I		N/15 //3 //0	W001 55 10	EN//5AD	1006	625	286
ST         29.0   1020   1			1020			VVI							
ST         292.0         Stepanavan         ARM         N41 00 54         C644 254         LN21EA         9057         5628         3 3           ST         310.0         Sukkertoppen/Maniitsoq         GRL         N65 25 13         W052 5429         GP35M         289         6743         410         3           ST         340.0         Cur         Manucion         PRG         S25 08 29         W052 942         GG14GU         7966         490         18           ST         340.0         Civ         Istanbul/Atattrik         MR         USA         N45 243         W093 58 08         RM04U         796         48           ST         367.0         Shatra         LNID         TUR         N40 52 43         W093 58 08         LM35AN         1163         722         284           ST         367.0         Shatra         UNID         TUR         N40 52 24         W093 58 08         LM35AN         1163         722         284           ST         367.0         UNID         Shatra         W090 10         RN         N43 717         W090 16 44         EM48US         1067         663         A24           ST         404.0         U20         Shatra         M000			1020			МО							
ST         310.0         Sukkertoppen/Maniltsoq         GRI         N65 25 13         W05 25 42         CP3M         2898         1801         25           ST         318.5         mar         Mys Sterlegova         RUS         N75 23 42         E088 45 48         NQ45UJ         6743         4190         150           ST         340.0         cv         Assunction         PRG         SE5 08 29         W057 29 42         CG14CU         CG14CU         750         450         150 </th <th></th> <th></th> <th>1020</th> <th>0.0</th> <th>•</th> <th>IVIO</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			1020	0.0	•	IVIO							
ST         318.5         mar Mys Sterlegova         RUS         N75 23 42         E088 45 48         NCM54JJ         6748         4190         35         35         340.0         civ         Jaunchon         PUS         S25 08 29         905 72 94 2         GG14GU         7966         4509         28         ST         340.0         civ         Isanbul/Attatirk         TUR         Nab 75 24 32         W093 58 08         EMSSAN         1163         722         28           ST         342.0         1020         civ         Schlouf/Hussk         MN         USA         N45 23 23         W093 58 08         EMSSAN         1163         722         28           ST         436.0         Civ         Schlouf/Hussk         MN         USA         N38 47 17         W090 16 48         EMSSAN         100         625         44         53         44         64         64         84         84         85         24         44         84 <th></th> <th></th> <th></th> <th></th> <th>•</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>					•								
ST         340.0				mar			RUS	N75 23 42					
ST   342.0   1020   civ   St. Cloud/Hussk   M.   USA   N45 32 43   W093 58 08   EN35AN   1163   722   284   ST   367.0   367.0   W1010   Properties of the properties of the	ST						PRG	S25 08 29	W057 29 42		7966	4950	159
ST   367.0   Shatra	ST	340.0		civ	Istanbul/Atatürk		TUR	N40 57 47	E028 48 13	KN40JX	8194	5092	48
ST         382.0         UNID         CV         UNID         CV         UNID         CV         ST         404.0         1020         civ         SL Louis/Zumay         MO         0.84         N38 47 17         W090 16 448         EMABUS         1067         63         242           ST         444.0         Sutury Treng         CBG         N13 31 30         E106 00 54         CM33M         13622         846         354           ST         777.0         400°         err Sirotinskaya         CBG         N13 31 30         E106 00 54         CM33M         13622         846         358           ST         1010.0         err Tamdybulak         UZB N 414 500         E064 38 00         MN21HS         986         613 30         515         80           STA         240.0         civ         Santa Maria         LB         LB         V84 14 500         E064 38 00         MN21HS         986         613 30         80         65 70         W025 09 58         HM76KW         4588         285         78         35           STA         240.0         Civ         Santa Barbard del Zulia         WERN M85 50 57         W025 09 58         HM76KW         4580         285         285         2840 <t< th=""><th>ST</th><th>342.0</th><th>1020</th><th>civ</th><th>St. Cloud/Hussk</th><th>MN</th><th>USA</th><th>N45 32 43</th><th>W093 58 08</th><th>EN35AN</th><th>1163</th><th>722</th><th>284</th></t<>	ST	342.0	1020	civ	St. Cloud/Hussk	MN	USA	N45 32 43	W093 58 08	EN35AN	1163	722	284
ST         404.0         1020         iv         St. Louis/Zumay         MO         USA         N38 47 17         W090 16 44         EM48US         1067         663         224           ST         410.0         Salto/Nueva Hesperides Int.         URC         S127 202         W057 59 48         GF18AN         8624         5399         161           ST         414.0         Sun         Stung Treng         CBG         N13 3130         160 00 54         CK33MM         13622         8464         354           ST         177.0         400*         enr         Tamdybulak         UZB         N41 600         E064 38 00         MN211HS         9866         6130         25           STA         397.0         enr         Tamdybulak         LZB         N41 600         E064 38 00         MN211HS         9866         6130         25           STA         397.0         enr         Santa Barbara del Zulia         LZB         NSB 503         W071 56 27         FJ48AX         3937         2446         165           STB         218.0         1020         civ         Tamacounda         SEN         NS 13 44 08         W01 33 94 7         K322         NS         3714         50 <th< th=""><th>ST</th><th>367.0</th><th></th><th></th><th>Shatra</th><th></th><th>IRQ</th><th>N31 31 26</th><th>E046 13 26</th><th>LM31CM</th><th>10003</th><th>6215</th><th>44</th></th<>	ST	367.0			Shatra		IRQ	N31 31 26	E046 13 26	LM31CM	10003	6215	44
ST         410.0         ST         Salto/Nueva Hesperides Int.         URG         S11 27 02         W057 59 48         GF18AN         8624         559         161           ST         444.0         Stung Treng         CBG         N13 31         6106 00 54         CM33M         13622         846         354           ST         1010.0         400*         enr         Sirotinskaya         RUS         N49 1600         604 341 00         N191UG         8300         5158         35           ST         1010.0         enr         Tamdybulak         UZB         N41 45 00         6064 38 00         MN21HS         9866         6130         28           STA         240.0         enr         Santa Barbara         280         AZR         806 56 77         W025 09 58         HM76KW         488         285 1         80         158           STA         397.0         240         Santa Barbara del Zulia         PRG         822 37 26         W056 38 00         8071 MF6KW         407         57         5480 X         3937         2446         167         57         5480 X         3937         2446         167         57         5480 X         3937         2446         167         58         58 <th></th> <th>382.0</th> <th></th> <th></th> <th>UNID</th> <th></th> <th>?</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>		382.0			UNID		?						
ST         444.0         Stung Treng         CBG         N13 31 30         E106 00 54         OK33AM         13622         8484         354           ST         777.0         400°         enr Sirotinskaya         RUS         N49 16 00         E043 41 00         LN19UG         8300         5188         35           STA         1010.0         enr Tamdybulak         LZB         N41 45 00         E043 41 00         LN19UG         860         5188         35           STA         240.0         civ Santa Maria         LZB         N41 45 00         E064 38 00         MN21HS         8868         2851         80           STB         218.0         Santa Barbara del Zulia         PCR         SS2 37 26         W056 38 08         GG17QJ         7725         4800         18           STD         370.0         civ Tambacounda         SEN         N13 44 08         W013 39 47         IK38CF         7027         4367         97           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         J021CR         5978         371.4         50           STE         293.0         1020         civ Wien/Schwechal/Steinhof         AUT         N48 12 38		404.0	1020	civ		MO	USA	N38 47 17	W090 16 44	EM48US	1067	663	242
ST         777.0         400*         enr. Sirotinskaya         RUS. N49 16 00         E043 41 00         LN19UG         830         5158         35           ST         1010.0         enr. Tamdybulak         UZB. N41 45 00         E064 38 00         MM21HS         9866         6130         26           STA         240.0         civ         Santa Maria         AZR. N36 56 57         W025 09 58         HM76KW         4588         2851         80           STA         397.0         Santa Teresa         PRG         S22 37 26         W056 38 08         GG17CJ         7725         4800         158           STB         218.0         Santa Barbara del Zulia         VEN. N08 59 03         W071 56 27         FJ48AX         3937         2446         167           STD         386.0         400         Stad aan het Haringvliet         BL         LN1 514 429         E004 14 37         J021CR         5978         3714 50           STE         293.0         1020         civ Wien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JN88CF         6916         4297         49           STF         281.0         1020         Starkwille/Bryan         MS         USA         N33 25 55         W088													
ST         1010.0         enr         Tamdybulak         UZB         N41 45 00         E064 38 00         MN21HS         9866         6130         26           STA         240.0         civ         Santa Maria         AZR         N36 56 57         W025 09 58         HM76KW         4588         2851         80           STB         397.0         Santa Barbara del Zulia         PRG         S22 37 26         W056 38 08         GG17QJ         7725         4800         158           STD         370.0         civ         Tambacounda         SEN         N13 44 08         W013 39 47         IK33ER         7027         4367         97           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21CR         5978         3714         50           STE         293.0         1020         civ         Wien/Schwechat/Steinhof         MS         USA         N33 25 55         W085 51 01         EM53NK         1418         881         218           STF         281.0         1020         Starkville/Bryan         MS         USA         N33 25 55         W085 51 01         EM53NK         1414         841         451         451 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>													
STA         240.0         civ         Santa Maria         AZR         N36 56 57         W025 09 58         HM76KW         458         2851         80           STA         397.0         Santa Teresa         PRG         S22 37 26         W056 38 08         GG17QJ         7725         4800         158           STB         218.0         Santa Barbara del Zulia         VEN         N08 50 3         W071 56 27         FJ48AX         3937         2446         167           STD         370.0         Civ         Tambacounda         SEN         N13 44 08         W013 39 47         K33ER         7027         2436 79         75           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21 CR         5978         3714         50           STE         293.0         1020         Civ         Winch/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JN88CF         6916         4297         49           STF         281.0         1020         Starkville/Bryan         MS         USA         N33 25 55         W085 101         LBY         A940         EM53XK         1418         881         218			400*		-								
STA         397.0         Santa Teresa         PRG         S22 37 26         W056 38 08         GG17QJ         7725         4800         158           STB         218.0         Santa Barbara del Zulia         VEN         N08 59 03         W071 56 27         FJ48AX         3937         2446         167           STD         370.0         civ         Tambacounda         SEN         N13 44 08         W071 56 27         FJ48AX         3937         2446         167           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21 CR         5978         5974         49           STE         293.0         1020         civ         Wien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JJ88CF         6916         4297         48           STF         281.0         1020         civ         Vien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JJ88CF         6916         4297         49           STF         281.0         1020         civ         Vientyline Charlie         MS         USA         N33 25 55         W088 51 01         LMS3NK         1418         881         218													
STB         218.0         Santa Barbara del Zulia         VEN         N08 59 03         W071 56 27         FJ48AX         3937         2446         167           STD         370.0         civ         Tambacounda         SEN         N13 44 08         W013 39 47         IK33ER         7027         4367         97           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21CR         5978         3714         50           STE         293.0         1020         Starkwille/Bryan         MS         USA         N33 25 55         W088 51 01         EMSSNK         6916         429         49         49         STR         517         49         49         49         49         69         49         49         49         49         69         49				CIV									
STD         370.0         civ         Tambacounda         SEN         N13 44 08         W013 39 47         IK33ER         7027         4367         97           STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21CR         5978         3714         50           STE         293.0         1020         civ         Wien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JN88CF         6916         4297         49           STF         281.0         1020         civ         Starkville/Bryan         USA         N32 55         W088 510         EM550K         4118         881         218           STF         317.0         1020         São Tome         B         S22 01 59         W041 04 27         GG97LX         8284         5147         143           STG         365.0         400         civ         Sandane/Anda/Stegen         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         E         N42 54 28         W008 25 42         MS2SV         5568         3460         65													
STD         386.0         400         Stad aan het Haringvliet         HOL         N51 44 29         E004 14 37         JO21CR         5978         3714         50           STE         293.0         1020         civ         Wien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JN88CF         6916         4297         49           STF         281.0         1020         Starkville/Bryan         MS         USA         N33 25 55         W088 51 01         EM53MK         1418         881         218           STG         317.0         Twenty Nine Charlie         LBY         N29 44 00         E017 57 00         JL89MR         8329         5175         63           STG         360.0         400         civ         Sandane/Anda/Stegen         B         822 01 59         W041 04 27         G97LX         8284         5147         143           STG         369.0         400         civ         Sandane/Anda/Stegen         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STG         317.0         202         civ         Santiago         Lelens         AUS         841 20 07         E148 16 54         QE48DP         16148 <th></th> <th></th> <th></th> <th>civ</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>				civ									
STE         293.0         1020         civ         Wien/Schwechat/Steinhof         AUT         N48 12 38         E016 14 50         JN88CF         6916         4297         49           STF         281.0         1020         Starkville/Bryan         MS         USA         N33 25 55         W088 51 01         EM53NK         1418         881         218           STF         317.0         Twenty Nine Charlie         LBY         N29 44 00         E017 57 00         JL89XR         8329         5175         63           STG         365.0         400         civ         Sandane/Anda/Stegen         NOR         N615 139         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         ROW         N615 139         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         Santiago         NOR         N615 139         E006 22 03         JP31EU         5631         3499         38           STH         392.0         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC <th< th=""><th></th><th></th><th>400</th><th>0.0</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>			400	0.0									
STF         281.0         1020         Starkville/Bryan         MS         USA         N33 25 55         W088 51 01         EM53NK         1418         881         218           STF         317.0         Twenty Nine Charlie         LBY         N29 44 00         E017 57 00         JL89XR         8329         5175         63           STG         365.0         400         civ         Sandane/Anda/Stegen         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         R         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STH         392.0         civ         Santiago         E         N42 54 28         W08 25 42         IN52SV         5568         3460         65           STH         392.0         civ         Santiago         Lelens         AUS         8412 007         E148 16 54         QE48DP         16148         1003         257           STI         333.0         1020         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905				civ	<u> </u>								
STG         365.0         São Tome         B         S22 01 59         W041 04 27         GG97LX         8284         5147         143           STG         369.0         400         civ         Sandane/Anda/Stegen         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         E         N42 54 28         W008 25 42         IN52SV         5568         3460         65           STH         392.0         civ         Santiago         E         N42 54 28         W008 25 42         IN52SV         5568         3460         65           STI         333.0         1020         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905         1805         281           STI         424.0         400         iv         Lasmo PLC/Markham ST-1         IW         N53 503         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N45 55 99         E006 53 45         M23XW         7724         4800         47						MS				EM53NK			
STG         369.0         400         civ         Sandane/Anda/Stegen         NOR         N61 51 39         E006 22 03         JP31EU         5631         3499         38           STG         417.0         1020         civ         Santiago         E         N42 54 28         W008 25 42         IN52SV         5568         3460         65           STH         392.0         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905         1805         281           STI         424.0         400         iw         Lasmo PLC/Markham ST-1         IW         N53 50 32         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400         enr         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776	STF	317.0			Twenty Nine Charlie		LBY	N29 44 00	E017 57 00	JL89XR	8329	5175	63
STG         417.0         1020         civ         Santiago         E         N42 54 28         W008 25 42         IN52SV         5568         3460         65           STH         392.0         St. Helens         AUS         \$41 20 07         E148 16 54         QE48DP         16148         10034         257           STI         333.0         1020         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905         1805         281           STI         424.0         400         iw         Lasmo PLC/Markham ST-1         IW         N53 50 32         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400         cir         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         345.0         400         cir         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589	STG	365.0			São Tome		В	S22 01 59	W041 04 27	GG97LX	8284	5147	143
STH         392.0         St. Helens         AUS         S41 20 07         E148 16 54         QE48DP         16148         10034         257           STI         333.0         1020         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905         1805         281           STI         424.0         400         iw         Lasmo PLC/Markham ST-1         IW         N53 50 32         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400         enr         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31     <	STG	369.0	400	civ	Sandane/Anda/Stegen		NOR	N61 51 39	E006 22 03	JP31EU	5631	3499	38
STI         333.0         1020         civ         Mountain Home/Sturgeon         ID         USA         N43 06 48         W115 39 31         DN23EC         2905         1805         281           STI         424.0         400         iw         Lasmo PLC/Markham ST-1         IW         N53 50 32         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400         enr         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         321.0         400         civ         Scilly Isles/St. Mary's         G         N49 54 51         W006 17 28         IN69UV         5390         3349         56           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Santarém         B         802 25 40         W054 47 30         GI27ON         5690         3536 <th></th> <th></th> <th>1020</th> <th>civ</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			1020	civ									
STI         424.0         400         iw         Lasmo PLC/Markham ST-1         IW         N53 50 32         E002 52 04         JO13KU         5792         3599         48           STJ         358.0         enr         Strejnic for Otopeni         ROU         N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400         enr         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         321.0         400         civ         Scilly Isles/St. Mary's         G         N49 54 51         W006 17 28         IN69UV         5390         3349         56           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STR         275.0         UNID         2         Santa Teresita         ARG         S36 32 59         W056 41 02         GF13PK         9201         5717													
STJ         358.0         enr         Strejnic for Otopeni         ROU N44 55 20         E025 58 15         KN24XW         7724         4800         47           STK         315.0         400 enr         Stadskanaal         HOL N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         321.0         400 civ         Scilly Isles/St. Mary's         G N49 54 51         W006 17 28         IN69UV         5390         3349         56           STM         345.0         400 enr         Strømmen         NOR N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Santarém         B S02 25 40         W054 47 30         GI27ON         5690         3536         148           STR         275.0         UNID         ?         V         V         ST         ST         900         SAT         ST         162           STR         365.0         1020         Santa Teresita         ARG         S36 32 59         W056 41 02         GF13PK         9201         5717         162           STR         371.0         1020         mil Sintra         POR N38 52 41         W009 24 07         IM58HV						ID							
STK         315.0         400         enr         Stadskanaal         HOL         N52 59 48         E006 53 44         JO32KX         6073         3774         48           STM         321.0         400         civ         Scilly Isles/St. Mary's         G         N49 54 51         W006 17 28         IN69UV         5390         3349         56           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Santarém         B         S02 25 40         W054 47 30         GI27ON         5690         3536         148           STR         275.0         UNID         ?         UNID         ?           STR         365.0         1020         Santa Teresita         ARG         S36 32 59         W056 41 02         GF13PK         9201         5717         162           STR         371.0         1020         mil         Sintra         POR         N38 52 41         W009 24 07         IM58HV         5708         3547         70           STT         317.0         400         joi         Bodø/Støtt         NOR         N66 55 37			400										
STM         321.0         400         civ         Scilly Isles/St. Mary's         G         N49 54 51         W006 17 28         IN69UV         5390         3349         56           STM         345.0         400         enr         Strømmen         NOR         N66 17 25         E013 46 08         JP66VG         5776         3589         31           STM         350.0         Santarém         B         S02 25 40         W054 47 30         GI27ON         5690         3536         148           STR         275.0         UNID         ?           STR         365.0         1020         Santa Teresita         ARG         S36 32 59         W056 41 02         GF13PK         9201         5717         162           STR         371.0         1020         mil         Sintra         POR         N38 52 41         W009 24 07         IM58HV         5708         3547         70           STT         317.0         400         joi         Bodø/Støtt         NOR         N66 55 37         E013 26 19         JP66RW         5734         3563         30			400										
STM         345.0         400 enr         Strømmen         NOR N66 17 25         E013 46 08         JP66VG         5776         3589 31           STM         350.0         Santarém         B S02 25 40         W054 47 30         Gl27ON         5690 3536 148           STR         275.0         UNID         ?           STR         365.0 1020         Santa Teresita         ARG S36 32 59         W056 41 02         GF13PK         9201 5717 162           STR         371.0 1020         mil Sintra         POR N38 52 41         W009 24 07         IM58HV         5708 3547 70           STT         317.0 400 joi Bodø/Støtt         NOR N66 55 37         E013 26 19         JP66RW         5734 3563 30													
STM         350.0         Santarém         B         S02 25 40         W054 47 30         GI27ON         5690         3536         148           STR         275.0         UNID         ?         W056 41 02         GF13PK         9201         5717         162           STR         365.0         1020         mil         Sintra         POR         N38 52 41         W009 24 07         IM58HV         5708         3547         70           STT         317.0         400         joi         Bodø/Støtt         NOR         N66 55 37         E013 26 19         JP66RW         5734         3563         30													
STR         275.0         UNID         ?           STR         365.0         1020         Santa Teresita         ARG         \$363.259         W056 41 02         GF13PK         9201         5717         162           STR         371.0         1020         mil         Sintra         POR         N38 52 41         W009 24 07         IM58HV         5708         3547         70           STT         317.0         400         joi         Bodø/Støtt         NOR         N66 55 37         E013 26 19         JP66RW         5734         3563         30			400	eni									
STR         365.0         1020         Santa Teresita         ARG         S36 32 59         W056 41 02         GF13PK         9201         5717         162           STR         371.0         1020         mil         Sintra         POR         N38 52 41         W009 24 07         IM58HV         5708         3547         70           STT         317.0         400         joi         Bodø/Støtt         NOR         N66 55 37         E013 26 19         JP66RW         5734         3563         30								302 23 40	**************************************	SIZION	3030	5550	170
STR       371.0       1020 mil Sintra       POR N38 52 41       W009 24 07       IM58HV       5708 3547 70         STT       317.0       400 joi Bodø/Støtt       Bodø/Støtt       NOR N66 55 37       E013 26 19       JP66RW       5734 3563 30			1020				-	S36 32 59	W056 41 02	GF13PK	9201	5717	162
STT         317.0         400 joi Bodø/Støtt         NOR N66 55 37         E013 26 19         JP66RW         5734         3563         30				mil									
·													
	STZ	402.0		-	Stara Zagora		BUL	N42 18 12	E025 40 30	KN22UH	7903		49

Call         kHz         Hz         T         Station         S/P         ITU         Lat         Long         Loc         km           SU         201.0         Surat         IND         N21 06 57         E072 44 34         ML61IC         12271           SU         242.5         Secunda         AFS         S26 31 24         E029 09 29         KG43NL         13452           SU         320.0         Sumbe         AGL         S11 10 00         E013 51 00         JH68WT         11126           SU         326.0         1020         civ         St. Louis/Snoop         MO         USA         N38 38 22         W090 46 01         EM48OP         1112           SU         356.0         civ         Salzburg         AUT         N47 52 46         E012 57 00         JN67LV         6735           SU         363.0         Shimizu         J         N32 43 48         E133 00 55         PM62MR         10904           SU         369.0         Saul         GUF         N03 37 29         W053 12 24         GJ33JO         5154           SU         382.0         civ         Stykkisholmur         ISL         N65 03 36         W022 45 20         HP85OB         4158      <	7625 28 8358 98 6914 96 691 242 4185 50 6775 333 3203 142 2584 36 4281 6 857 269 8422 331 4812 38
SU       320.0       Sumbe       AGL       S11 10 00       E013 51 00       JH68WT       11126         SU       326.0       1020       civ       St. Louis/Snoop       MO       USA       N38 38 22       W090 46 01       EM48OP       1112         SU       356.0       civ       Salzburg       AUT       N47 52 46       E012 57 00       JN67LV       6735         SU       363.0       Shimizu       J       N32 43 48       E133 00 55       PM62MR       10904         SU       369.0       Saul       GUF       N03 37 29       W053 12 24       GJ33JO       5154         SU       382.0       civ       Stykkisholmur       ISL       N65 03 36       W022 45 20       HP85OB       4158         SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	6914 96 691 242 4185 50 6775 333 3203 142 2584 36 4281 6 857 269 8422 331
SU       326.0       1020       civ       St. Louis/Snoop       MO       USA       N38 38 22       W090 46 01       EM48OP       1112         SU       356.0       civ       Salzburg       AUT       N47 52 46       E012 57 00       JN67LV       6735         SU       363.0       Shimizu       J       N32 43 48       E133 00 55       PM62MR       10904         SU       369.0       Saul       GUF       N03 37 29       W053 12 24       GJ33JO       5154         SU       382.0       civ       Stykkisholmur       ISL       N65 03 36       W022 45 20       HP85OB       4158         SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	691 242 4185 50 6775 333 3203 142 2584 36 4281 6 857 269 8422 331
SU         356.0         civ         Salzburg         AUT         N47 52 46         E012 57 00         JN67LV         6735           SU         363.0         Shimizu         J         N32 43 48         E133 00 55         PM62MR         10904           SU         369.0         Saul         GUF         N03 37 29         W053 12 24         GJ33JO         5154           SU         382.0         civ         Stykkisholmur         ISL         N65 03 36         W022 45 20         HP85OB         4158           SU         405.0         enr         Dikson         RUS         N73 31 00         E080 22 54         NQ03EM         6890           SU         414.0         1020         civ         Sioux City/Salix         IA         USA         N42 19 39         W096 17 25         EN12UH         1379	4185 50 6775 333 3203 142 2584 36 4281 6 857 269 8422 331
SU       363.0       Shimizu       J       N32 43 48       E133 00 55       PM62MR       10904         SU       369.0       Saul       GUF       N03 37 29       W053 12 24       GJ33JO       5154         SU       382.0       civ       Stykkisholmur       ISL       N65 03 36       W022 45 20       HP850B       4158         SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	6775 333 3203 142 2584 36 4281 6 857 269 8422 331
SU       369.0       Saul       GUF       N03 37 29       W053 12 24       GJ33JO       5154         SU       382.0       civ       Stykkisholmur       ISL       N65 03 36       W022 45 20       HP85OB       4158         SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	3203 142 2584 36 4281 6 857 269 8422 331
SU       382.0       civ       Stykkisholmur       ISL       N65 03 36       W022 45 20       HP85OB       4158         SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	2584 36 4281 6 857 269 8422 331
SU       405.0       enr       Dikson       RUS       N73 31 00       E080 22 54       NQ03EM       6890         SU       414.0       1020       civ       Sioux City/Salix       IA       USA       N42 19 39       W096 17 25       EN12UH       1379	4281 6 857 269 8422 331
<b>SU</b> 414.0 1020 civ Sioux City/Salix IA USA N42 19 39 W096 17 25 EN12UH 1379	857 269 8422 331
·	8422 331
SU 415.0 Surigao PHI N09.45.36 E125.28.58 P.129RS 13554	
	4812 38
<b>SU</b> 625.0 Sumy UKR N50 51 00 E034 46 00 KO70JU 7745	
SU 791.0 400* enr Belozersk/Ozyorsk RUS N60 02 00 E037 45 00 KP80VA 7154	4445 30
SUD         409.0         mil         Khania/Souda         GRC         N35 31 15         E024 09 08         KM25BM         8320	5170 55
SUE         414.0         1020 civ         Sturgeon Bay         WI         USA         N44 50 13         W087 25 21         EN64GU         643	400 282
SUH         356.0         1020         civ         Owls Head/Sprucehead/Rockland         ME         USA         N44 03 00         W069 06 18         FN54KB         830	516 85
SUI         326.0         400         civ         Tampere/Pirkkala/Suinu         FIN         N61         30         54         E024         03         12         KP21AM         6475	4023 33
SUI 326.0 Suai TMP S09 18 30 E125 17 12 PI20PQ 15493	9627 321
SUN 319.0 400 enr Sounion for Athinai GRC N37 40 05 E024 02 42 KM27AQ 8150	5064 54
SUR         362.0         1020         Fitzgerald         GA         USA         N31 36 47         W083 17 27         EM81IO         1404           SUR         345.0         400 mil Kenham (Suri         FINAL NG3 43 40         F003 03 05         FVP43MF         6300	872 195
SUS       345.0       400 mil Kauhava/Susi       FIN N63 13 12 E023 02 25 KP13MF 6326         SUT       233.0       1020       Southport/Yaupon       NC USA N33 55 41 W078 04 27 FM03XW 1113	3931 32 692 173
SUT       233.0       1020       Southport/Yaupon       NC       USA       N33 55 41       W078 04 27       FM03XW       1113         SUT       342.0       400       pri       Hemavan       S       N65 42 39       E015 12 06       JP75OR       5862	3642 31
SUW 260.0 1020 civ Superior/Bong WI USA N46 41 29 W092 06 12 EN36WQ 1038	645 292
SV 251.0 1020 civ Silver City/Cozey NM USA N32 37 55 W108 03 48 DM52XP 2779	1727 253
SV 320.0 UNID ?	1727 255
SV 335.0 400 civ Skive DNK N56 34 54 E009 07 36 JO46NN 6016	3738 43
SV 335.0 1020 mil Savannah/Wassa/Hunter AAF Army GA USA N32 00 32 W080 59 12 EM92MA 1326	824 186
<b>SV</b> 337.0 civ Rabigh ARS N22 39 28 E039 05 41 KL92NP 10350	6431 54
<b>SV</b> 341.0 Jiayuguan CHN N39 49 00 E098 23 00 NM99ET 10730	6668 2
SV 345.0 Changsha CHN N28 13 00 E113 20 54 OL68QF 11914	7403 348
<b>SV</b> 403.0 E.T. Joshua VCT N13 08 23 W061 13 44 FK93JD 3828	2379 147
<b>SV</b> 617.0 1020 enr Stebliv UKR N49 24 18 E031 04 36 KN59MJ 7670	4766 41
<b>SV</b> 1013.0 civ Seredino RUS N55 48 00 E083 05 00 NO15NT 8835	5490 10
SVA         340.0         Saravena         CLM         N06 57 19         W071 51 37         FJ46BW         4160	2585 168
SVC         250.0         San Vicente del Caguan         CLM         N02 08 51         W074 45 49         FJ22OD         4648	2888 173
SVD         275.0         1020         Salvador         B         S12 55 00         W038 20 25         HH07TB         7546	4689 136
<b>SVN</b> 348.0 UNID ?	
<b>SVN</b> 490.0 civ Sevan ARM N40 32 05 E044 57 17 LN20LM 9129	5673 39
<b>SVO</b> 405.0 Sauce Viejo ARG S31 42 42 W060 48 23 FF98OG 8584	5334 164
SVR         348.0         1020         Ságvár         HNG         N46 49 47         E018 07 02         JN96BT         7120           SVZ         200.0         1020         502.0         1020         502.0         1020         502.0         1020         502.0         1020         502.0         1020         502.0         1020         502.0         1020         502.0         1020         10	4424 49
SVT         333.0         1020         civ         São Vicente/São Pedro         CPV         N16 49 44         W025 03 54         HK76LT         5893	3662 103
SW 216.0 Sittwe BRM N20 07 52 E092 53 01 NL60KD 12872	7999 8
SW       255.0       1020       Stillwater/Blaki       OK       USA       N36 14 10       W097 05 14       EM16KF       1723         SW       291.5       mar Ostrov Skrypleva       RUS       N43 01 44       E131 57 04       PN53XA       9883	1070 246
21	6141 338
	4210 6 5078 43
SW       309.5       0 mar Mys Khersonesskiy       UKR N44 34 54       E033 23 00       KN64QN       8172         SW       310.0       1020 mar Cabo de Santa Marta       B S28 36 14       W048 48 50       GG51OJ       8614	5353 153
SW 312.5 mar Mys Svyatonosskiy RUS N68 09 00 E039 45 00 KP98VD 6598	4100 22
SW 335.0 civ Newburgh/Neely NY USA N41 29 09 W074 13 41 FN21VL 505	314 120
SW 338.0 Swampy NZL S45 47 49 E170 28 38 RE54FE 14668	9114 242
SW 348.0 Borisiglebsk RUS N51 22 00 E042 11 00 LO11Cl 8052	5003 34
SW 360.0 1020 civ Warroad/Roadd MN USA N48 51 44 W095 14 33 EN28JU 1331	827 300
SW 385.0 Sw TWN N24 59 41 E121 29 26 PL04RX 12084	7509 340
<b>SW</b> 390.0 Vykhma EST N58 38 00 E025 34 00 KO28SP 6730	4182 35
<b>SW</b> 415.0 Solwezi ZMB S12 10 18 E026 21 59 KH37ET 12206	7584 88

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
sw	490.0		enr	Karakhtay		UZB	N40 55 00	E069 48 00	MN40VW	10122	6289	23
SW	525.0			UNID		?						
SW	830.0	1020	enr	Shepetivka		UKR	N50 10 54	E027 02 36	KO30ME	7397	4596	42
SW	1285.0	1020	enr	Savelovo		RUS	N56 22 00	E037 26 00	KO86RI	7430	4617	33
SWH	407.0	400		Swan Hill		AUS	S35 22 50	E143 32 25	QF14SO	16257	10101	270
SWN	320.5	400	civ	Swansea		G	N51 36 08	W004 03 57	1071XO	5463	3394	53
SWT	269.0	1020			NE		N40 51 41	W097 06 43	EN10KU	1489	926	263
SWU	350.0	1020		Idaho Falls/Sweden	ID		N43 25 56	W112 09 45	DN33WK	2621	1629	280
SWW	275.0	1020	civ		TX		N32 27 42	W100 27 56	DM92SL	2225	1383	
SWZ	391.0	1020		Smyrna/Sewart	TN		N35 57 25	W086 27 50	EM65SW	1065		217
SX	241.0	4000		St. Croix/Peste	D0	VIR	N17 41 31	W064 53 05	FK77NQ	3211	1995	150
SX	368.0	1020	civ	Skookumchuk/Cranbrook	ВС	CAN		W115 47 32	DN29CW	2818	1751	
SX	391.0			Nanxun			N30 53 00	E120 25 00	PM00FV	11482	7134 6403	343
SX SX	505.0 670.0		eni	Pugus Pagai Paranayka			N38 50 36	E068 50 24 E046 58 00	MM48KU LO32LD	10304 8192	5090	24 31
SXD	265.0	1020	civ	Bagaj-Baranovka Springfield	VT		N43 16 12		FN33QG	559	348	95
SY	242.0	1020		Syracuse/Kirki	NY		N43 06 44	W072 33 11 W076 00 10	FN13XC	293	182	106
SY	350.0		CIV	Surrey	141		S37 14 18	E175 10 01	RF72OS	13874	8621	250
SY	372.0			Sylhet			N24 57 20	E091 52 21	NL54WW	12330	7661	8
SY	384.0	1020	civ	Stuttgart		D	N48 40 09	E009 06 51	JN48NQ	6448	4007	51
SYa	263.0	.020	0	Poseta			N42 41 30	E130 57 45	PN52LQ	9948	6181	338
SYA	403.0		mil	Shemya (AF)	AK	USA	N52 43 19	W174 03 37	AO22XR	6567	4081	315
SYE	267.0			Sadah		YEM	N16 58 00	E043 43 40	LK16UX	11145	6925	54
SYF	386.0	1020		St. Francis	KS	USA	N39 43 37	W101 45 54	DM99CR	1904	1183	264
SYG	402.0		civ	Houston/Sandy Point	TX	USA	N29 30 08	W095 28 06	EL29GM	2137	1328	227
SYN	385.0			Sayun		YEM	N15 57 43	E048 47 15	LK45JX	11557	7181	51
SYR	417.0		civ	Syros		GRC	N37 25 17	E024 56 52	KM27LK	8227	5112	53
SYS	209.0	1020		Somerset/Stoystown	PA	USA	N40 05 09	W078 55 00	FN00MC	426	264	174
SYW	428.0	1020		Greenville/Cash/Majors	TX	USA	N32 58 55	W096 04 02	EM12XX	1883	1170	236
SYZ	365.0	1020		Shelbyville	IL		N39 24 24	W088 50 37	EM59NJ	926	576	241
SZ	233.0			Skukuza			S24 58 49	E031 35 56	KG55TA	13543	8415	95
SZ	242.0			Esigodini/J M Nkomo			S20 17 59	E028 56 36	KG49LQ	13006	8081	93
SZ	281.0	1020	CIV		WA		N47 31 57	W122 18 25	CN87UM	3318	2062	292
SZ SZ	282.0			Liangcheng		CHN ?	N40 31 30	E112 29 30	ON60FM	10578	6573	351
SZ SZ	330.0 401.0			UNID UNID		? ?						
SZ	740.0			Ivanovo-North		r RUS	N57 04 00	E040 59 00	LO07LB	7523	4675	31
SZ	965.0		enr	Barabinsk		RUS	N55 21 24	E078 18 12	MO95DI	8807	5473	13
SZA	349.5	0	mil	Solenzara		F		E009 23 38	JN41QW	6879	4275	58
SZO	227.0			Fryeburg/Sebago/Hiram	ME			W070 46 56	FN43OV	697	433	87
SZR	334.0			Ziguinchor				W016 16 01	IK12UN	6909		
SZT	264.0			Sandpoint	ID	USA	N48 17 27	W116 33 49	DN18RG	2882	1791	
SZY	386.0	1020		Selmer/Sibley	TN	USA	N35 14 13	W088 30 58	EM55RF	1235		222
T	196.0		civ	Zielona Gora/Babimost		POL	N52 08 54	E015 49 48	JO72VD	6642	4127	45
T	280.0			Trelew		ARG	S43 12 05	W065 14 17	FE76JT	9750	6059	170
T	289.0			UNID		?						
T	314.5			UNID		?						
T	326.0		civ	Aktau			N43 51 00	E051 07 00	LN53NU	9122	5668	34
T	333.0			UNID		?						
T -	360.0			UNID		?						
T -	362.0			Armavir/Tsentralny			N44 58 00	E041 05 00	LN04NX	8546	5310	39
T T	365.0			UNID		?	NEO 00 05	E000 00 53	I/O40NIA	7057	4005	40
T T	419.0	400		Biala-Podlaska				E023 08 57	KO12NA	7057	4385	42
T T	421.0	400	pri	Linköping/Saab		S ?	ND8 23 48	E015 43 54	JO78UJ	6267	3894	39
T T	429.0 440.0		mil	UNID Kecskemét/Titan		-	N/16 5/1 2/	E019 46 34	JN96VV	7015	4483	48
•	440.0		11111	IVECOVELLIEN LINGTI		IING	N40 34 24	LU18 40 34	JINBOVV	7215	4403	40

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
T	515.0			Vologda			N59 17 48	E039 56 06	KO99XH	7299	4535	29
Т	664.0			Lask		POL	N51 32 43	E019 12 43	JO91ON	6871	4270	44
T	670.0		civ	Aktyubinsk		KAZ	N50 14 00	E057 14 00	LO80OF	8766	5447	27
T	680.0		civ	Tsentralny/Omsk		RUS	N54 58 00	E073 20 00	MO64QX	8751	5438	16
T	695.0		joi	Trencín		SVK	N48 51 54	E017 59 32	JN88XU	6977	4335	47
T	770.0		civ	Tomsk		RUS	N56 22 00	E085 11 00	NO260I	8800	5468	9
T	891.0		civ	Mys Schmidta		RUS	N68 51 12	W179 20 42	AP08HU	5909	3672	334
Т	949.0	1020	civ	Moscow/Vnukovo		RUS	N55 37 12	E037 16 54	KO85PO	7483	4650	33
T6	363.0	400		Pemberton	BC	CAN	N50 19 00	W122 47 00	CO80OH	3316	2060	298
T8	257.0		civ	St-Frederic	QC		N46 20 01		FN46MI	721	448	65
TA	286.5	0	mil	, ,		F		E002 05 51	JN18BS	5995	3725	54
TA	315.0			Telok Intan		MLA	N03 59 47	E101 01 07	OJ03MX	14700	9134	359
TA	319.0			UNID		?	NO4 04 45	E004.04.44	ID040I	- 444	0000	00
TA	342.0		iw	Britoil/Thistle Alpha		IW		E001 34 41	JP01SI	5411	3362	39
TA	347.0		civ					E005 16 00	JK24PV	8460	5257	83
TA	349.0 378.0		joi	Taif		ARS		E040 33 36	LL01GJ	10555	6558	54
TA TA	400.0		civ	Timisoara/Giarmata UNID		ROU ?	1145 50 12	E021 13 54	KN05OU	7377	4584	49
TA	400.0			Tahuna		r INS	NI03 /1 03	E125 31 34	PJ23SQ	14177	8809	328
TA	446.0			UNID		?	1103 41 03	L123 31 34	1 02000	14177	0003	320
TA	483.0			UNID		?						
TA	670.0	1020	civ	Aktau		-	N43 50 04	E051 08 50	LN53NU	9125	5670	34
TA	752.0	1020	0.1	UNID		?	1110 00 01	2001 00 00	21100110	0.20	00.0	0.
TA	822.0		civ	Makhachkala/Uytash		RUS	N42 58 30	E047 31 24	LN32SX	9037	5615	36
TA	995.0			Takhtayamsk		RUS	N60 12 00	E154 41 00	QP70IE	7465	4638	334
TAA	402.0		iw	Talisman/Tartan Alpha		IW	N58 22 09	E000 04 19	JO08AI	5439	3380	43
TAB	323.0			Crown Point		TRD	N11 09 06	W060 50 24	FK91ND	4047	2515	148
TAD	329.0	1020	civ	Trinidad	CO	USA	N37 18 22	W104 20 00	DM77TH	2219	1379	259
TAH	331.0			Tarhuna		LBY	N32 27 00	E013 40 00	JM62UK	7823	4861	64
TAL	240.0			Talagante		CHL	S33 40 59	W070 55 58	FF46MH	8634	5365	173
TAM	221.0	1020		Taroom			S25 48 07		QG44WE	15168	9425	278
TAM	358.0		civ	3			N22 48 24		JL22RT	7894	4905	76
TAM	413.0	1020		Tampico			N22 17 17		EL12BG	2934	1823	221
TAN	227.0	1020	CiV	East Taunton	MA		N41 52 35	W071 01 01	FN41LV	725	450	105
TAN	276.0	400		Antananarivo Antanetibe			S18 50 05	E047 28 19	LH31RD	14380	8936	78
TAN TAN	374.0 433.0	400	CIV	Tangier/Ibn Batouta UNID		MRC ?	N35 43 24	W005 48 30	IM75CR	6162	3829	71
TAP	250.0			Tarapoto			S06 30 46	W076 22 02	FI13TL	5591	3474	176
TAQ	312.0	1020		Tarquinia		1110		E011 43 44	JN52UF	7018	4361	56
TAR	210.0	1020		Tartagal		ARG		W063 49 09	FG87CI	7537	4683	164
TAR	349.0	400	mil	Ørland/Tarva				E009 25 32	JP43RT	5695	3539	35
TAT	393.0	400		Molde/Årø/Tautra				E006 54 44	JP32KQ	5625	3495	37
TAT	405.0			UNID		?			-			
TAV	348.0		joi	Tel Aviv/Sde-Dov		ISR	N32 06 34	E034 46 52	KM72JC	9275	5763	51
TAZ	345.0	1020	civ	Tivat		YUG	N42 16 55	E018 48 01	JN92JG	7476	4645	53
TAZ	395.0	1020		Taylorville	IL	USA	N39 32 10	W089 19 25	EM59IM	952	592	243
ТВ	254.0	1020	civ	Skeena/Terrace	ВС	CAN	N54 28 58	W128 35 29	CO54QL	3684	2289	306
ТВ	268.0			Tombouctou		MLI	N16 43 49	W002 59 51	IK86MR	7663	4761	87
ТВ	291.5		mar	Mys Teriberskiy				E035 10 00	KP79OG	6377	3963	23
TB	333.0			Tabora			S05 04 08	E032 50 03	KI64KW	12179	7568	78
TB	342.0	730		UNID		?					_	_
TB	347.0		civ	Tubuai			S23 22 01		BG56FP	10307	6405	240
TB	367.0			Tabiteuea North				E174 46 46	RI78JS	11365	7062	
TB	380.0		CİV	Tomsk				E085 12 42	NO26OJ	8798	5467	9
TB TB	397.5			Thabazimbi			524 36 02	E027 24 59	KG35QJ	13183	8192	98
ТВ	444.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
TBA	315.5	1020	civ	Taba		EGY	N29 36 24	E034 44 54	KL79IO	9481	5891	53
TBA	373.0			Touba		CTI	N08 24 05	W007 40 10	IJ68DJ	7909	4914	97
TBD	242.0	400		Tailem Bend		AUS	S35 15 12	E139 28 00	PF94RR	16577	10301	273
TBE	430.0	1020		Taubaté		В	S23 02 44	W045 31 01	GG76FW	8181	5084	148
TBG	311.0		civ	Taboga Island		PNR	N08 47 18	W079 33 38	FJ08FS	3890	2417	180
TBK	338.0		mil	Tabuk		ARS	N28 22 07	E036 36 13	KL88HI	9703	6029	52
TBN	371.0		civ	Trabzon		TUR	N40 59 44	E039 47 42	KN90VX	8819	5480	42
TBO	280.0			Tacuarembo		URG	S31 45 04	W055 55 43	GF28AF	8712	5413	160
TBR	377.0			Tambler		PHL	N06 03 34		PJ26NB	13951	8669	330
TBR	398.0		civ	Tangier/Ibn Batouta		MRC	N35 44 42	W005 50 54	IM75BR	6158	3826	71
TBS	395.0		civ	Tabas		IRN	N33 39 50	E056 53 59	LM83KP	10348	6430	35
TBT	230.0	1020		Tabatinga		В	S04 14 58	W069 56 10	FI55AS	5417	3366	
TBU	311.0			Tabou		CTI	N04 27 14		IJ64HK	8235	5117	99
TBV	492.0	1020	enr	Moravská Třebová		CZE	N49 47 45	E016 40 44	JN89IT	6839	4250	47
TBY	257.0	1020		Oxford/Waterbury	СТ			W073 08 37	FN31KM	580	360	
TBZ	300.0	1020	joi	Tabriz		IRN	N38 07 13	E046 14 26	LM38CC	9411	5847	40
TC	210.0			Taichung			N24 15 13	E120 37 07	PL04HG	12187	7573	
TC	362.0	1020	CiV	Tuscaloosa/Tuske	AL		N33 09 31	W087 40 13	EM63DD	1389	863	
TC	376.0			Tchibanga			S02 53 11	E010 57 21	JI57LC	10265	6378	92
TCO	355.0			Tumaco			N01 48 51	W078 45 17	FJ01OT	4662	2897	
TCO	360.0	1020		Temuco			S38 46 00	W072 36 53	FF31QF	9180	5704	
TCS	341.0	4000		Tancos				W008 12 01	IM59VM	5764	3582	69
TCU	239.0	1020	civ	Tecumseh	MI		N42 02 10		EN82BA	416	258	
TCY	203.0	1020		Tracy	CA		N37 41 33	W121 26 41	CM97GQ	3570	2218	
TCZ	265.0			Santa Cruz/El Trompillo			S17 48 14		FH82JE	7030	4368	
TD TD	205.0		enr	Kakaydy			N37 39 48	E067 32 24	MM37SP	10381	6451	26
TD TD	232.0			Tandag			N09 04 13	E126 10 17	PJ39CB	13598	8449	
TD TD	270.0 309.5		mar	Thandwe Tendrovekiy/Tendrovekeye Koos			N18 27 28 N46 19 00	E094 17 54 E031 30 30	NK78DK KN56SH	13071 7932	8122 4929	7 43
TD	325.0		IIIai	Tendrovskiy/Tendrovskaya Kosa Roschino			N45 53 00	E134 53 00	PN75KV	9500	5903	
TD	347.5	400	civ	Teesside		G		W001 20 00	IO94HN	5508	3423	48
TD	358.0	400	CIV	Tansonnhat			N10 51 29		OK30JU	13909	8643	
TD	653.0			UNID		?	1110 31 23	L 100 43 04	0113030	13303	0043	555
TDA	1610.0			Trinidad		-	N05 26 00	W071 39 03	FJ45EK	4329	2690	168
TDD	210.0			Trinidad			S14 49 16	W064 55 21	FH75ME	6667	4143	164
TDF	339.0			Tindouf			N27 42 00	W008 08 00	IL57WQ	6487	4031	81
TDT	897.0		iw	Maersk Exerter/Skjold A		IW	N55 31 54	E004 54 54	JO25KM	5832	3624	45
TE	214.0				NJ			W074 07 57	FN20WT	557	346	126
TE	331.0	400		Thisted			N57 03 13	E008 51 52	JO47KB	5978	3715	43
TE	371.0			Moramanga				E048 13 32	LH41CB	14448	8978	77
TE	428.0	400		UNID		?						
TE	444.0			UNID		?						
TE	527.0	400		Terbuny		RUS	N52 09 00	E038 16 00	KO92DD	7808	4852	35
TE	1075.0			Ternopol		UKR	N49 32 00	E025 42 00	KN29UM	7371	4580	43
TEA	316.0	1020		Teano		I	N41 17 45	E013 58 18	JN61XH	7229	4492	56
TEC	368.0	1020	civ	Blacksburg/Tech	VA	USA	N37 12 28	W080 24 43	EM97TE	747		187
TEF	374.0			Telfer		AUS	S21 42 41	E122 12 48	PG18CG	16844	10466	314
TEH	284.0			Techo		CLM	N04 37 44	W074 08 53	FJ24WP	4381	2723	172
TEL	206.0	1020	civ	Tell City	IN	USA	N38 00 51	W086 41 25	EM68PA	892	554	225
TEM	209.0	400*		Temora		AUS	S34 25 30	E147 31 06	QF35SN	15886	9871	269
TEN	234.0			Chaiten		CHL	S42 55 29	W072 42 55	FE37PB	9640	5990	175
TEP	400.0			Puerto Montt		CHL	S41 26 16	W073 05 14	FE38KN	9473	5886	175
TER	372.0		iw	Shell Expro/Tern		IW	N61 16 32	E000 55 04	JP01LG	5380	3343	40
TES	317.0		civ	Tenerife Sur/Reina Sofia		CNR	N28 03 17	W016 33 46	IL18RB	5792	3599	86
TEST	294.0			UNID		?						
TEST	314.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
TEST	344.0	112	•	UNID	O/I	?	Lat	Long		KIII	1111	
TEST	364.0			UNID		?						
TEST	438.0	1020		UNID		?						
TET	445.0			UNID		?						
TEX	266.0		civ	Tichitt/Texaco		MTN	N18 27 00	W009 32 00	IK58FK	7013	4358	90
TF	290.0			Bandar Lampung		INS	S05 14 42	E105 10 41	OI24OS	15698	9754	353
TF	315.0			Trausdorf/Wiener Neustadt East		AUT	N47 50 28	E016 16 54	JN87DU	6942	4313	49
TF	358.0	400	iw	Rijn B		IW	N52 18 29	E003 46 44	JO12VH	5921	3679	49
TF	373.0	1020	civ	Pueblo/Aruba	CO	USA	N38 17 27	W104 21 18	DM78TG	2173	1350	262
TFE	300.0			Tefé		В	S03 22 46	W064 43 17	FI76PO	5439	3380	160
TFN	432.0			Tenerife Norte		CNR	N28 32 12	W016 16 09	IL18UM	5784	3594	85
TFR	490.0	1020		UNID		?						
TG	290.0			Tiong Ohong		INS	N00 48 42	E114 31 48	OJ70GT	14862	9235	
TG	304.0			Tauranga		NZL	S37 40 39	E176 11 28	RF82CH	13823	8589	
TG	346.0	400	pri	Gällivare		S	N67 08 48	E020 44 48	KP07ID	6010	3734	28
TG	404.0			Temindung		INS	S00 28 55	E117 09 25	OI89NM	14923	9273	
TG	407.0			Tanga		TZA	S05 05 38	E039 04 19	KI94MV	12666	7870	73
TG	410.0			Tanjung Balai		INS	N01 02 58	E103 23 07	OJ11QB	15018	9332	356
TG	478.0	1020		UNID		?						
TG	740.0		civ				N44 58 00	E041 07 00	LN04NX	8548	5312	
TGC	378.0	1020		Trenton/Gibson	TN		N33 56 03	W088 51 03	EM53NW	1372	852	
TGE	391.0	400	CIV	Teuge			N52 14 18	E006 00 12	JO32AF	6059	3765	49
TGM	385.0			Tingo Maria			S09 17 47		FI10XQ	5900	3666	
TGM	392.0	4000	<b>-</b> :	Thargomindah			S27 59 36	E143 48 54	QG12VA	15796	9816	
TGM	428.0	1020		Tirgu Mures/Vidrasau	NC		N46 26 49	E024 18 24	KN26DK	7515	4670	47 175
TGQ TGU	398.0	1020	civ		NC		N34 31 43	W078 30 57	FM04RM	1043	648	
TGU	355.0 382.0	1020	oiv.	Tegucigalpa			N13 56 26 N33 03 54	W087 14 40 E006 05 24	EK63JW JM33BB	3402 7226	2114 4490	195 67
TH	200.0		CIV	Touggourt/Sidi Mahdi				E109 20 07	OK43QB	13637	8473	
TH	244.0	400	civ	Tuyhoa Thompson	MB	CAN		W097 51 15	EO15BT	1860	1156	
TH	256.0	0	CIV	Touho	טועו	NCL		E165 15 20	RG29PF	13593	8447	
TH	302.0	0	mil	Villacoublay/Vélizy		F	N48 46 41	E002 22 43	JN18ES	6013	3736	54
TH	315.0	·		Tachtamygda		RUS		E123 35 00	PO14TC	8925	5546	
TH	329.5			Athi River		KEN		E037 01 15	KI88ML	12221	7594	72
TH	402.0		pri	Torsby		S	N60 12 00	E012 54 06	JP60KE	6029	3746	38
TH	515.0	400		Tiraspol		MDA	N46 52 00	E029 36 00	KN46TU	7784	4837	44
TH	579.0		civ	Takhtalym		RUS	N55 54 00	E061 44 00	MO05UV	8361	5195	21
THJ	346.0	840		Laurel/Tallahala	MS	USA	N31 41 15	W089 11 23	EM51JQ	1601	995	215
THN	434.0	400	enr	Thorn		HOL	N51 11 00	E005 50 00	JO21WE	6104	3793	50
THO	325.0			Thohoyandou		AFS	S22 58 03	E030 28 59	KG57FA	13316	8274	94
THR	307.0		civ	Santorini/Thira		GRC	N36 24 00	E025 28 49	KM26RJ	8339	5182	54
THS	292.0			Sukhothai		THA	N17 14 07	E099 49 19	NK97VF	13235	8224	1
THS	345.0		civ	Salonika/Makedonia		GRC	N40 35 33	E022 56 52	KN10LO	7861	4885	52
TI	270.0			Tiko		CME	N04 05 16	E009 21 21	JJ44QC	9603	5967	88
TI	278.0			Thornhill		ZWE	S19 25 43	E029 50 39	KH40WN	13016	8088	91
TI	354.0			UNID		?						
TI	375.0			Takoradi				W001 45 54	IJ94CV	8647	5373	95
TI	385.0			Tanjung Pinang				E104 31 34	OJ20GW	15024	9336	
TIB	200.0	400		Tibooburra				E142 03 29	QG10AN	16030	9961	
TII	269.0	1020	civ		ОН		N41 05 53		EN81JC	438		226
TIM	356.0	1020		Timehri				W058 14 51	GJ06VM	4630	2877	
TIO	383.0		civ	Timimoun			N29 14 25	E000 15 27	JL09DF	7042	4376	
TIQ	410.0	1020		Paris/Trainer	TN		N36 14 59	W088 24 55	EM56TF	1141	709	
TIR	240.0			Tiriós		В		W055 56 31	GJ22AF	5168	3211	
TJ	291.5			Mys Svyatoy Nos/Chëshskiy			No/ 54 30	E048 37 00	LP47HV	6873	4270	20
TJ	323.0		IW	Nam		IW						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
TJ	333.0			Tanegashima		J	N30 32 27	E130 57 03	PM50LM	11203	6961	334
TJ	339.0			Teju		IND	N27 55 02	E096 09 46	NL87BW	12040	7481	4
TJ	372.0			Sesha		RUS	N53 43 00	E033 20 00	KO63QR	7451	4630	36
TJ	382.0		•	Ras Tanajib		ARS	N27 50 57	E048 46 46	LL47JU	10478	6511	44
TJ	480.0		enr	Totma				E042 46 00	LO19JX	7351	4568	28
TJA	250.0			Tarija			S21 33 10		FG78PK	7401	4599	165
TJA	426.0	1020	mil	Madrid/Torrejón de Ardoz		E		W003 21 26	IN80HN	6063	3767	65
TJI	276.0			Batouri			N04 28 17		JJ74EL	9975	6198	84
TJJ	284.0			Mbanga			N04 29 27		JJ44SL	9589	5958	87
TJL	364.0			Maroua Salak				E014 14 39	JK70CL	9506	5907	80
TJM	330.0			Foumban Nkounda				E010 45 09	JJ55JP	9596	5963	86
TJN	295.0			Ngaoundere				E013 33 43	JJ67SI	9690	6021	83
TJP TJR	257.0 302.0			Kaele Garoua				E014 26 36 E013 23 44	JK70FC JJ69QI	9550 9525	5934 5918	80 81
TJS	308.0			Dschang				E013 23 44 E010 03 58	JJ55AK	9525	5938	86
TK	303.0		onr	Taldykorgan				E078 26 36	MN95FC	9905	6155	15
TK	314.0		CIII	UNID		?	1445 07 10	L070 20 30	WINDO	3303	0100	10
TK	324.5		mar	Ostrov Toporkov			N48 04 00	E153 17 00	QN68PB	8591	5338	327
TK	332.0			Tsentralny/Omsk				E073 24 24	MO64QX	8752	5438	16
TK	332.0		0	Tak				E099 15 08	NK96PV	13271	8247	1
TK	350.5		civ	Tabarka/7 November			N36 58 41		JM46KX	7167	4453	62
TK	363.0			UNID		?						
TK	390.0			Tarakeswar		IND	N22 54 03	E088 01 51	NL42AV	12500	7767	12
TK	391.0	1020	civ	Telkwa/Smithers	ВС	CAN	N54 40 11	W126 59 33	CO64MQ	3581	2225	307
TK	820.0			Tilichiki		RUS	N60 24 00	E166 00 00	RP30AJ	7019	4361	330
TKA	381.0		civ	Tidjikja		MTN	N18 34 01	W011 25 02	IK48GN	6854	4259	91
TKB	347.0	1020	civ	Kingsville/Kleberg Co	TX	USA	N27 36 23	W098 05 09	EL07WO	2459	1528	229
TKK	375.0	1020		Truk		FSM	N07 27 26	E151 50 26	QJ57WK	12345	7671	304
TKL	385.0	1020		Santa Elena/Tikal			N16 54 56	W089 52 48	EK56BV	3148	1956	201
TKN	373.0			UNID		?						
TKP	242.0			Tshikapa		ZAI	S06 26 08	E020 47 59	KI03JN	11326	7038	87
TKT	403.0			Tokat			N40 18 21	E036 22 01	KN80EH	8688	5398	45
TKX	358.0	1020	CIV	Kennett	MO		N36 13 43		EM46XF	1239	770	230
TL	213.0	^	ois r	Thornhill Tarbes/Ossun Lourdes		∠wE	S19 26 06	E029 50 48	KH40WN	13017	8088	91 61
TL TL	321.0 335.0	U	CIV	Dumatubin		INS		E000 02 59 E132 43 56	JN03AG PI64II	6153 14738	3823 9158	314
TL	350.0			Takhli			N15 16 09	E100 17 51	OK05DG	13453	8359	0
TL	375.0			Tachilek				E099 55 50	NL90XL	12877	8002	1
TL	376.0	400	civ	Lerwick/Tingwall/Shetland Islands		G	N60 11 18		IP90JE	5304	3296	41
TL	379.0			Tallahassee/Wakul	FL			W084 21 30	EM70TH	1567		198
TL	415.0			Tamale				W000 50 57	IJ99NN	8367	5199	91
TL	890.0			UNID		?						
TLB	285.0	1020		Telêmaco Borba		В	S24 19 08	W050 39 13	GG45QQ	8105	5036	153
TLB	368.0	0	civ	Toulouse/Blagnac		F	N43 56 48	E001 26 30	JN03RW	6213	3861	59
TLC	418.0	1020		Tulcan		EQA	N00 49 26	W077 41 14	FJ10DT	4774	2967	177
TLC	422.0			Tulcea/Cataloi		ROU	N44 59 33	E028 44 11	KN44IX	7879	4896	45
TLD	385.0	1020	enr	Toledo		Ε	N39 58 22	W004 20 46	IM79TX	6024	3743	66
TLF	331.5	0	mil	Toulouse/Francazal		F	N43 36 00	E001 13 00	JN0300	6217	3863	60
TLM	312.0			UNID		?						
TLM	346.0			Tlemcen/Zenata				W001 22 04	IM95HA	6540	4064	70
TLN	322.0			Hyères/Le Palyvestre		F		E006 09 10	JN33BA	6590	4095	58
TLN	442.0	4000		Talin	<b>~</b> ^			E043 53 28	LN10WJ	9088	5647	40
TLR	245.0	1020		Tulare	CA			W119 20 00	DM06HD	3475	2159	270
TM	266.0			Miami/Qeezy	FL			W080 30 17	EL95RP	2028	1260	183
TM TM	267.0	400	civ.	Tsumeb				E017 43 33	JH80UR	12035	7478	99
TM	268.0	400	CIV	Tromsø/Langnes		NUK	1NUS 43 UB	E018 56 33	JP99LR	5813	3612	26

Cell	-  -	U~	т	Station	6/0	יידו	1 04	Long	Los	l/m	mi I	0
Call TM	<b>kHz</b> 270.0	Hz	Civ	Station Tamanrasset/Aguenar	S/P	ITU ALG	N22 49 00	<b>Long</b> E005 27 00	JL22RT	7893	<b>mi</b> 4905	76
TM	270.0			Tamanrasset/Aguenar Am Timan				E005 27 00 E020 17 00	KK01DA	9935	6173	76 75
TM	382.0		civ					E036 50 00	KJ87KQ	11458	7119	66
TM	409.0	1020		-	GA		N31 21 48	W083 26 39	EM81GI	1434	891	196
TM	518.0	800*		Tomakivka	GA			E034 44 12	KN77IT	7985	4962	40
TM	988.0	000		Talmenka				E083 32 00	NO13ST	9058	5629	10
TM	1630.0	1020	CIV	Taumarunui				E175 18 49	RF71PB	13960	8674	248
TMA	378.0	400	iw	Arco/Thames Alpha		IW	N53 05 01		JO13GC	5808	3609	49
TME	270.0	1020	144	Tame				W071 45 08	FJ46CK	4217	2620	168
TML	221.0	1020	civ				N33 36 00		IM63GO	6163	3830	74
TMO	215.0		CIV	Tumeremo				W061 30 58	FJ97FG	4420	2746	151
TMO	323.0			The Monument				E139 55 27	PG98XE	15655	9728	292
TMV	290.0	1020	civ	Stamford	TX		N32 52 07		EM02DU	2144	1332	242
TMZ	408.0	1020		Houston/Tomball	TX		N30 04 25		EM20FB	2092	1300	228
TN	227.0	1020		Miami/Monry	FL			W093 33 20 W081 00 40	EL95LU	2006	1246	185
TN	239.0	1020		Menominee	MI		N45 04 00		EN65DB	668		284
TN	310.0	1020	CIV	UNID	IVII	?	1445 04 00	VV007 42 00	LINOSDB	000	713	204
TN	313.0	600	mil	Kecskemét			N46 53 32	E019 48 33	JN96VV	7218	4485	48
TN	356.0	000		Tindal			S14 30 57		PH65EL	15576	9678	308
TN	366.0			Shin-Tachikawa		.1		E139 23 59	PM95QR	10356	6435	329
TN	373.0		civ	Thorshofn		ISL		W015 19 52	IP26IF	4507	2800	34
TN	385.0		0.1	Ankazobe			S18 18 58	E047 06 50	LH31NQ	14314	8894	78
TN	400.0			Tangerang		INS		E106 34 07	OI33GR	15796	9815	350
TN	419.0			UNID		?			0.000.1		00.0	
TN	470.0			Taganrog-Centr.		-	N47 15 00	E038 50 00	KN97KG	8240	5120	39
TN	600.0			UNID		?				02.0	0.20	
TN	1075.0			Ternopol		UKR	N49 32 00	E025 42 00	KN29UM	7371	4580	43
TNA	274.0		civ	Tan Tan/Plage Blanche			N28 25 52		IL48JK	6198	3851	82
TNA	465.0			Tena			S00 59 03		FI19CA	4974	3090	178
TNC	347.0		mil	Tin City (AF)	AK			W167 55 27	AP65AN	5606	3483	327
TNG	446.0	1020		Thangool				E150 34 12	QG55GM	15025	9336	279
TNJ	316.0	1020		Tounj				E015 21 00	JN75QG	7054	4383	52
TNJ	435.0			UNID		?						
TNK	272.0			Tennant Creek		AUS	S19 38 39	E134 10 31	PH70CI	15898	9878	300
TNL	327.0	400	civ	Tatenhill		G	N52 48 52	W001 46 00	IO92CT	5556	3452	51
TNT	405.0			Toncontín		HND	N14 03 37	W087 13 14	EK64JB	3389	2106	195
TNY	340.0		iw	Agip/Tiffany		IW	N58 28 40	E001 15 54	JO08PL	5501	3418	43
TNY	358.0	1020		Fayetteville/Kelso	TN	USA	N35 08 03	W086 32 31	EM65RD	1147	713	214
TNZ	227.0	1020		Walnut Ridge/Lawrence County	AR	USA	N36 12 20	W090 55 23	EM46ME	1296	806	233
TO	219.0	1020	civ	Toledo/Tophr	ОН	USA	N41 33 12	W083 55 16	EN81AN	449	279	236
то	268.0			Thornhill		ZWE	S19 23 18	E029 45 42	KH40VO	13007	8082	91
TO	312.5		mar	Tersko-Orlovskiy/Mys Orlov Terskiy Tolstyy		RUS	N67 12 00	E041 20 00	LP07QE	6720	4175	23
TO	324.0		civ	Akureyri/Torfur		ISL	N65 30 02	W018 09 03	IP05WM	4376	2719	35
TO	326.0		mil	Trondheim/Værnes/Malvik		NOR	N63 26 23	E010 40 49	JP53IK	5769	3585	35
TO	342.0		civ	Tsnori		GEO	N41 37 50	E046 00 56	LN31AP	9085	5645	38
TO	365.0		mil	Troy/Blood (Ft Rucker/Army)	AL	USA	N31 49 49	W086 06 20	EM61WT	1460	907	206
TO	370.0			Toli-Toli		INS	N01 07 22	E120 47 43	PJ01JC	14629	9090	333
TO	394.0			Toamasina		MDG	S18 02 27	E049 23 06	LH41QX	14471	8992	75
TO	521.0	1020	civ	Topeka/Biloy	KS	USA	N39 07 13	W095 41 14	EM29DC	1452	902	254
то	950.0			UNID		?						
TOD	385.0			Jam/Tohid/Kangan		IRN	N27 49 24	E052 20 23	LL67ET	10675	6633	41
TOE	415.0	0	civ	Toulouse/Blagnac		F		E001 40 48	JN03UL	6256	3887	60
TOF	269.0			Beverly/Topsfield	MA			W070 57 25	FN42MO	704	438	99
TOG	393.0		civ	Togiak Village	AK			W160 22 27	AO99TB	5489	3411	318
TOK	227.0			Tokua		PNG		E152 23 49	QI65EP	13324	8279	296
TOL	380.0	400	civ	Ivalo		FIN	N68 32 36	E027 13 06	KP38ON	6164	3830	25

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
TOL	385.0	112		Toledo	J/F	В	S24 41 08	W053 41 59	GG35DH	8036	4993	155
TOP	245.0			Topolnitsa				E024 12 12	KN22CN	7793	4842	50
TOP	392.5	1020	civ	Torino/Caselle		1	N44 55 29		JN34WW	6590	4095	56
TOR	293.0	1020		Torrington	WY	USA	N42 03 58	W104 09 12	DN72WB	2017	1253	273
TOR	416.0	400	civ	Rovaniemi/Toramo		FIN	N66 38 20	E025 58 16	KP26XP	6235	3875	28
TOV	420.0		iw	Vega		1	N36 32 21	E014 37 32	JM76HM	7601	4723	60
TOX	371.0	1020		Siler City	NC	USA	N35 45 42	W079 27 44	FM05GS	903	561	180
TOY	260.0	1020		Tongoy		CHL	S30 15 47	W071 28 47	FF49GR	8251	5127	173
TOY	285.0			Thohoyandou		AFS	S23 04 30	E030 18 52	KG56DW	13310	8270	94
TP	230.0			Teuku Cut Ali		INS	N03 09 57	E097 17 09	NJ83PD	14782	9185	4
TP	290.0	400	civ	Oulu		FIN	N64 53 04	E025 31 54	KP24SV	6326	3931	29
TP	349.0	0	civ	Takapoto		OCE	S14 42 53	W145 15 09	BH75IG	9295	5776	243
TP	368.0	1020		Tampa/Cosme	FL		N28 05 07		EL88RC	1776	1103	190
TP 	643.0		enr	Topchyne			N48 56 24	E034 47 42	KN78JW	7898	4908	39
TP	797.0			UNID		?						
TP	1182.0		CIV	Teplorechensky				E043 32 00	LN14SD	8739	5430	38
TPB	352.0		<b>_:</b>	Temple Bar				E133 47 20	PG66VG	16256	10101	296
TPF TPL	270.0 348.0	1020	CIV	Tampa/Knight	FL		N27 54 30 N44 08 23		EL87SV KN04ID	1794 7467	1115 4640	190 50
TPL	356.0	1020		Topola Tupile			N09 15 33		FJ09WG	3840	2386	178
TPQ	365.0	1020		Tapuruquara		В	S00 25 01		FI79LN	5113	3177	160
TPS	306.0	1020		Tápiósáp			N47 29 36	E019 26 46	JN97RL	7155	4446	48
TPU	375.0	1020		Tiputini			S00 46 35	W075 31 47	FI29FF	4963	3084	174
TPV	270.0	1020		Itapeví		В	S23 33 56	W046 55 22	GG66MK	8174	5079	149
TPX	359.0	1020		Tepexpan		MEX	N19 36 41	W098 57 37	EK09MO	3247	2018	220
TQ	437.0	1020		Okha		RUS	N53 30 54	E142 53 18	QO13KM	8483	5271	336
TQ	468.0	1020	civ	Moscow/Vnukovo		RUS	N55 38 18	E037 17 48	KO85PP	7482	4649	33
TQ	516.0			UNID		?						
TQA	360.0	1020	enr	Taquara		В	S29 40 07	W050 46 55	GG40OH	8654	5377	155
TQH	215.0	1020		Tahlequah	OK		N35 55 35	W095 00 21	EM25LW	1593	990	242
TQK	256.0	1020		Scott City	KS		N38 28 49	W100 53 18	DM98NL	1889	1174	
TR	248.0			Trang				E099 37 12	NJ97TM	14310	8892	1
TR	265.0	400		Ternate		INS		E127 22 45	PJ30QT	14383	8937	
TR	290.0	400				ALB		E019 43 00	JN91UK	7593	4718	53
TR TR	294.5 299.0			Mys Terpeniya Bristol/Mocca/Tri City	TN		N36 33 20	E144 44 48 W082 19 05	QN28IP EM86UN	8885 851	5521 529	332 198
TR	307.0		CIV	Tiruchirappalli	IIN	IND		E078 41 18	MK90IS	13564	8429	25
TR	309.5	0	mar	Mys Tarkhankutskiy				E032 29 36	KN65FI	8062	5010	43
TR	338.0	Ū		Trencín				E017 56 30	JN88XU	6974	4334	47
TR	344.0		•	Villefranche/Tarare		F		E004 38 06	JN25HW	6317	3925	56
TR	375.0	400		Phillips/Tor E		IW		E003 19 32	JO16PP	5691	3536	45
TR	494.0			Turgay		KAZ	N49 38 00	E063 29 00	MN19RP	9036	5615	23
TR	745.0	400*	enr	Trypillia		UKR	N50 07 00	E030 46 00	KO50JC	7599	4722	40
TR	980.0		enr	Turan		RUS	N52 10 00	E093 55 00	NO62XE	9341	5804	4
TRB	389.0		civ	Tiaret/Bou Chekif		ALG		E001 30 02	JM05SI	6736	4185	68
TRE	301.5	1020	joi	Treviso/St. Angelo		I		E012 05 44	JN65BO	6823	4240	53
TRE	371.0			Taree				E152 30 34	QF68GC	15343	9534	
TRF	352.0	4000		Tyrifjord			N59 55 45	E010 16 10	JO59DW	5911	3673	39
TRF	490.0	1020		UNID		?	N/40 00 00	E000 00 00	IZNIGOLULI	7000	4000	40
TRG	440.0	1020	ma-	Targovishte				E026 38 00	KN33HH	7883	4898	48
TRI	288.0	1020		Tarabulus				E013 12 24	JM62OV	7758	4820	63 53
TRI TRI	378.0 382.0	1020 1020	CIV	Split/Trogir Port of Spain/Piarco				E016 13 21 W061 25 19	JN83CL FK90GO	7227 4080	4491 2535	53 149
TRL	302.0	400	j\A/	Troll Platform		IW	1410 33 36	VVUU1 23 19	LINGUGU	4000	2000	148
TRL	335.0			Torralba de Aragón for Zaragoza		E	N41 55 40	W000 30 50	IN91RW	6190	3846	62
TRN	320.0	. 323	J.11	UNID		?	55 10			2100	55.15	J_

Call	l <sub>k</sub> U=	ш-	т	Station	e/D	1711	1 1 24	Long	Las	lena	m: I	0
Call TRO	328.0	<b>Hz</b> 1020	<b>T</b> enr	Station Joday	S/P	LBY	N32 47 45	<b>Long</b> E012 49 40	JM62JT	7738	<b>mi</b> 4808	64
TRP	326.0 317.5	1020		Trapani/Birgi		LDI		E012 49 40 E012 29 35	JM67FV	7358	4572	60
TRP	328.0	1020	JOI	Tarapoa		FΩA		W076 19 29	FI19UU	4887	3036	176
TRR	266.0			Reengus/Asovo		IND	N27 22 01		ML77SI	11715	7279	23
TRS	215.0			Teresina		В		W042 49 10	GI84OW	6548	4069	136
TRU	421.0	400	enr	Trundön		S		E021 46 13	KP05VJ	6147	3819	30
TRX	400.0	1020	· · · ·	Trenton	МО		N40 04 49		EN30EB	1244	773	255
TRY	263.0	1020		UNID		?						
TRZ	375.0	1020	civ	Trzebnica/Lubin		POL	N51 18 44	E017 07 02	JO81NH	6767	4205	45
TS	212.0	400	civ	Timmins	ON	CAN	N48 33 55	W081 27 09	EN98GN	541	336	344
TS	285.0		mar	Ras Tenes		ALG	N36 33 00	E001 20 30	JM06QN	6648	4131	67
TS	310.0			Tarko-Sale		RUS	N64 54 00	E077 47 00	MP84VV	7780	4835	10
TS	313.5		mar	Ras Tenes		ALG	N36 33 00	E001 20 30	JM06QN	6648	4131	67
TS	325.0	1020	civ	Tunis/Carthage/Raouad		TUN	N36 56 23	E010 15 04	JM56DW	7267	4515	62
TS	332.5			Tokushima		J	N34 07 41	E134 36 22	PM74HD	10703	6650	332
TS	360.0		enr	Zadonsk		RUS	N52 23 00	E038 56 00	KO92LJ	7820	4859	35
TS	415.0		enr	Turkestan		KAZ	N43 18 00	E068 22 00	MN43EH	9832	6109	23
TS	423.0	0	civ	Toulouse/Blagnac		F	N43 30 26	E001 29 12	JN03RM	6241	3878	60
TSA	389.5	400	iw	Amoco/Leman Alpha Papa		IW	N53 03 12	E002 13 56	JO13CB	5790	3598	49
TSh	905.0			Zelenga				E048 37 00	LN46HE	8797	5466	34
TSH	210.0			Taisha				W077 30 16	FI17FP	5128	3186	177
TSH	252.5			Tshikondeni				E030 56 57	KG57LL	13322	8278	93
TSL	1675.0	1020		Tsile Tsile			S06 50 31	E146 21 16	QI33ED	13966	8678	299
TSN	356.0			UNID		?			=			
TSO	395.0	1020	civ		ОН		N40 33 45	W081 04 39	EN90LN	394	245	200
TSO	450.0			Malelane			S25 26 25	E031 40 30	KG54UN	13580	8438	96
TSR	408.0		CIV	Timisoara/Giarmata				E021 18 20	KN05PT	7382	4587	48
TST	277.0			Rotuma		FJI ?	S12 28 54	E177 04 18	RH87MM	12040	7481	270
TST TST	316.0 323.0	400		UNID UNID		; ?						
TST	338.0	400		UNID		: ?						
TST	345.0	1020		UNID		?						
TST	357.0	1020		UNID		?						
TST	359.0			Truscott		AUS	S14 05 23	E126 23 12	PH35EV	15895	9877	316
TST	373.0	400		UNID		?						
TST	383.0			UNID		?						
TSU	443.0			UNID		?						
TT	210.0			Santan		INS	S00 04 02	E117 27 01	OI89RW	14870	9240	336
TT	369.0	1020	civ	Trenton/Trenn	NJ	USA	N40 12 46	W074 53 54	FN20NF	557	346	136
TT	406.0	1020		Sanford/Leeco	NC	USA	N35 29 50	W079 08 24	FM05KL	933	580	178
TTA	328.0	400	iw	Amoco/Indefatigable Alpha Quebec		IW	N53 19 24	E002 34 28	JO13GH	5798	3603	49
TTM	405.0			UNID		?						
TTN	427.5		iw	Triton/Kvaerner Oil and Gas		IW	N57 05 00	E000 53 27	JO07KB	5535	3439	45
TTQ	335.0			Murphy/Tomotla	NC	USA	N35 07 00	W083 57 24	EM85AC	1048	651	203
TTR	227.0			Tumlingtar				E087 11 43	NL37OH	12003	7458	12
TTR	374.0			Tea Tree				E147 18 50	QE37PH	16274	10112	
TTX	413.0	400		Troughton Island			S13 45 17	E126 08 55	PH36BF	15877	9865	316
TTY	307.5	0		UNID		?						
TU	237.0			Turbat				E063 01 47	ML15MX	11377	7069	34
TU	270.0			Tardanu				E121 50 55	PH09WM	15777	9803	325
TU	312.0			Kuala Terengganu				E103 06 30	OJ15NJ	14541		
TU	323.0	4000		Aktyubinsk	011			E057 15 39	LO80PF	8769	5449	27
TU	338.0	1020	CIV	Tulsa/Oillr	OK			W095 53 20	EM26BC	1644		244
TU	352.5			Tutuka				E029 21 29	KG43QG	13481	8377	98
TU	366.0	400	اء:	Timaru				E171 13 30	RE55OQ	14544	9038	244
TU	374.0	400	joi	Tirstrup		DINK	11 11 OCKI	E010 46 31	JO56JG	6122	3804	43

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
TU	376.0			Tuticorin	1	IND		E078 01 33	MJ98AR	13753	8546	27
TU	420.0	400	civ	Tupelo/Veron	MS	USA	N34 10 49	W088 46 07	EM54OE	1345	836	220
TU	424.0			Tuapse		RUS						
TU	445.0	1020	mil	Tuzla		BIH	N44 28 38	E018 28 59	JN94FL	7303	4538	51
TU	1290.0	1020	enr	Bely		RUS	N55 51 00	E032 56 00	KO65LU	7270	4517	35
TUC	225.0			Tucupita		VEN	N09 05 19	W062 05 37	FJ89WC	4208	2615	151
TUF	350.0	1020		Ruston/Stuckey	LA	USA	N32 24 32	W092 35 22	EM32QJ	1713	1065	226
TUG	359.0			UNID		?						
TUI	220.0			Tucuruí		В	S03 47 11	W049 42 52	GI56DF	6061	3766	143
TUI	306.0			UNID		?						
TUK	194.0	400	civ	Nantucket/Memorial	MA	USA	N41 16 07	W070 10 48	FN41VG	815	507	108
TUN	358.0		enr	Tulln for Schwechat		AUT	N48 18 34	E015 58 52	JN78XH	6893	4283	49
TUN	388.0		civ	Tétouan/Sania Ramel		MRC	N35 36 57	W005 16 45	IM75IO	6209	3858	71
TUP	345.0			Tupã		В	S21 53 38	W050 30 08	GG48RC	7861	4885	152
TUR	331.0	0	joi	Tours/StSymphorien		F	N47 33 57	E000 46 57	JN07JN	5971	3710	56
TUR	352.0			Turbo		CLM	N08 04 24	W076 44 12	FJ18PB	3978	2472	175
TUT	403.0	1020	civ	Pago Pago		SMA	N14 19 56	W170 43 10	AK44PH	9019	5604	281
TV	299.0	400	civ	Turner Valley	AB	CAN	N50 45 00	W114 22 08	DO20TS	2719	1689	299
TV	299.0			Trivandrum		IND	N08 29 30	E076 54 23	MJ88KL	13736	8535	28
TV	310.0			Tyoply Kluch		RUS	N62 46 06	E136 45 42	PP82JS	7750	4815	343
TV	321.0		neg	ABT-321		Ε	N38 56 39	W001 59 52	IM98AW	6256	3887	66
TV	330.0	400	civ	Alta/Talvik		NOR	N70 03 33	E022 59 50	KQ10LB	5935	3688	25
TV	344.0	1020		Tallulah/Savry	LA	USA	N32 14 41	W091 01 33	EM42LF	1641	1019	222
TV	365.0	1020	civ	Traverse City/Gwenn	MI		N44 44 04	W085 25 45	EN74GR	485	302	283
TV	400.0		civ	Vavau		TON	S18 35 08	W173 58 11	AH31AJ	11774	7316	260
TV	420.0			UNID		?						
TV	715.0			Ostrov-Verete			N57 18 00	E028 26 00	KO47FH	6955	4322	36
TVK	290.0	1020		Centerville	IA			W092 54 00	EN30NQ	1163	723	
TVL	276.0			Townsville			S19 14 49	E146 45 44	QH30JS	14943	9285	288
TVS	300.0	4000		UNID		?	NIOO 40 54	14/000 40 00	EMOOOD	707	470	005
TVX	521.0	1020		Greencastle	IN		N39 42 51	W086 48 22	EM69OR	767	476	
TVY TW	371.0 301.0	1020		Tooele/Erda Tripoli/Ghararah	UT	LBY	N40 36 39 N32 39 48	W112 20 52 E013 03 06	DN30TO JM62MP	2720 7763	1690 4824	274 64
TW	341.0		CIV	Tamworth			S31 04 16	E150 49 52	QF58JW	15429	9587	
TW	350.0			Soavinandriana				E046 44 06	LH30IT	14347	8915	79
TW	375.0			Tarawa				E173 08 33	RJ61NJ	11290	7015	
TW	389.0	1020	civ	Twin Falls/Strik	ID		N42 28 43	W114 21 16	DN22TL	2820	1752	
TW	394.0	400		Thisted	טו			E008 37 30	JO47HB	5964	3706	43
TW	406.0	0		Toulouse/Blagnac		F		E001 01 31	JN03MM	6208	3857	60
TW	472.0	U	CIV	Oktyabrskoe				E034 06 00	KN75BH	8152	5066	42
TW	1147.0			UNID		?	1440 10 00	2004 00 00	Tarrobii	0102	0000	72
TWB	386.0			Toowoomba			S27 32 31	E151 54 43	QG52WK	15122	9396	274
TWL	204.0	1020		Monroe/Wesley	NC		N34 57 11	W080 42 19	EM94PW	999		187
TWM	243.0	1020	civ	· · · · · · · · · · · · · · · · · · ·	MN			W091 44 41	EN47DB	1022		294
TWN	335.5	400		Twenthe				E006 52 34	JO32KG	6110	3797	48
TWT	276.0	1020		Sturgis/Tradewater	KY			W087 56 49	EM67AL	1011	628	
TWU	278.0			Tawau				E118 06 08	OJ94BH	14386	8939	
TX	247.0			Tecco	AR	USA	N33 31 27	W093 54 22	EM33BM	1700	1056	232
TX	380.0		civ	Tomsk				E085 09 48	NO26NI	8802	5469	9
TX	410.0	1020	civ	Tenerife Norte/Los Rodeos		CNR	N28 27 09	W016 15 28	IL18UK	5791	3598	85
TX	419.0	1020		Lawrenceville/Gwnet	GA			W083 51 46	EM84BA	1161	721	201
TX	445.0	400		UNID		?						
TY	234.0	1020		Titahi Bay		NZL	S41 07 00	E174 49 13	RE78JV	14119	8773	246
TY	320.0	0	civ	Troyes/Barberey		F	N48 24 00	E004 00 18	JN28AJ	6138	3814	54
TY	320.0	1020		*	TX	USA	N32 24 57	W095 28 11	EM22GJ	1889	1174	233
TY	353.0	1020	civ	Knoxville/Benfi	TN	USA	N35 44 29	W084 04 52	EM75XR	988	614	205

Call	kHz	Hz	Т	Station	S/P	ITU	Lot	Long	Loo	km	mi	0
TY	384.0	<b>HZ</b> 400	pri	Torsby/Fryklanda	3/P	S	N60 05 55	<b>Long</b> E013 02 17	JP60MC	<b>km</b> 6041	<b>mi</b> 3754	38
TY	820.0	1020	•					E037 09 00	KO81NO	7799	4846	36
TYC	272.0	1020	CIV	Campbellsville/Taylor Co	KY			W085 14 37	EM77JJ	871	541	216
TYK	366.0	1020		Kandi	IXI		N11 08 40	E002 56 23	JK11LD	8553	5314	87
TYL	370.0	1020		Talara			S04 34 24	W081 15 18	EI95IK	5371	3337	182
TYN	309.0	1020		Natitingou			N10 21 45	E001 20 59	JK00QI	8484	5272	89
TYN	428.0	400	iw	BP Exploration/Tyne		IW	N54 26 54	E002 28 47	JO14FK	5740	3567	47
TYu	380.0	400	144	Voznesensk			N47 31 00	E031 16 00	KN57PM	7825	4863	42
TYV	290.0	1020	mil	Jacksonville/Toneyville (AF)	AR		N34 57 09	W092 01 10	EM34XW	1465	910	
TZ	208.0	1020		Tezpur	7 11 1	IND	N26 42 39	E092 47 58	NL66JR	12147	7548	7
TZ	212.5			Tzaneen				E030 21 39	KG56EE	13364	8304	95
TZ	257.0	400	civ		ON			W079 23 08	FN03HO	32	20	170
TZ	322.0	100	0.1	Lask	0.1		N51 32 18	E019 15 02	JO91PM	6874	4271	44
TZ	335.0			Tete Chingodzi				E033 38 36	KH63TV	13081	8128	86
TZ	340.0			Tete Chingodzi			S16 10 51	E033 38 19	KH63TT	13086	8131	86
TZ	364.0	1020	civ	Winchester/Cogan/Boyce	VA		N39 05 11	W078 04 07	FM09XC	547	340	167
TZ	385.0			Taiz/Ganed	•••		N13 41 20	E044 08 15	LK23BQ	11458	7120	56
TZ	420.0		,	UNID		?						
TZ	664.0		mil	Lask/"Transit"		-	N51 33 00	E019 11 19	JO91ON	6870	4269	44
TZ	687.0			UNID		?						
TZ	1046.0	400*	civ	Vologda		RUS	N59 16 54	E039 56 48	KO99XG	7301	4536	29
TZE	299.0			Tessalit		MLI	N20 15 25	E000 59 17	JL00LG	7726	4801	81
TZI	364.0			Gao		MLI	N16 14 22	W000 01 24	IK96XF	7937	4932	85
TZJ	343.0			Kayes		MLI	N14 25 53	W011 25 42	IK44GK	7154	4446	94
TZK	371.0		civ	Nevsehir/Tuzkoy		TUR	N38 46 01	E034 32 34	KM78GS	8710	5412	47
TZO	251.0	1020		Bristow	OK	USA	N35 46 11	W096 25 29	EM15SS	1705	1059	244
TZO	345.0	1020	enr	Trezzo d'Adda for Milano/Linate		I	N45 33 30	E009 30 33	JN45SN	6660	4138	54
TZR	269.0			Tazerbo		LBY	N25 40 07	E021 05 36	KL05NQ	8863	5507	64
TZT	371.0	1020		Belleplaine	IA	USA	N41 53 08	W092 16 59	EN31UV	1070	665	262
U	201.0	1020	civ	London/Uniform	ON	CAN	N42 58 56	W081 05 18	EN92KX	167	104	233
U	213.0		civ	Alma-Ata		KAZ						
U	214.0		civ	Uralsk/Podstepnyy		KAZ	N51 09 50	E051 34 13	LO51SD	8465	5260	29
U	250.0		civ	Chkalovskoe		RUS						
U	272.0			Sanzao		CHN	N21 59 06	E113 21 24	OL61QX	12594	7826	347
U	287.0			Santa Clara		CUB	N22 29 13	W079 58 00	FL02AL	2375	1476	181
U	300.0			Teniente Benjamin Matienzo		ARG	S26 51 46	W065 06 33	FG73KD	7970	4952	167
U	307.0			San Luis		ARG	S33 18 18	W066 21 42	FF66TQ	8651	5376	169
U	310.0	400		Kauhava		FIN		E023 03 30	KP13MC	6334	3936	32
U	327.0		civ	Nizhniy Novgorod/Strigino			N56 15 06	E043 47 42	LO16VG	7705	4787	30
U	329.0			UNID		?						
U	350.0			Taganrog-South				E038 49 30	KN97JE	8244	5123	39
U	353.0			Kurgan				E065 26 12	MO25RL	8505	5285	20
U 	360.0	400		Utti		FIN		E026 54 00	KP30KV	6640	4126	33
U 	366.0	400		Tartu/Ülenurme		EST		E026 43 07	KO38IH	6806	4229	35
U 	371.5	400		Helsinki/Vantaa		FIN		E024 55 13	KP20LH	6591	4095	34
U	389.0			Anadyr/Ugolny				E177 45 00	RP84VS	6246	3881	
U	390.0		CIV	Bukhara		UZB	N39 45 12	E064 28 42	MM29FS	10061	6252	27
U	412.0		oi.	UNID		?	N/10 0E 11	E007 20 44	KNISSCO	7002	4067	40
U	465.0 515.0			Burgas			N42 35 11	E027 32 14 E039 57 30	KN32SO	7993	4967	48
U U	515.0 529.0			Vologda Cherskiy			N59 16 00 N68 45 06	E039 57 30 E161 18 00	KO99XG RP08PS	7302 6553	4537 4072	29 338
U	600.0			Yakutsk				E129 46 30	PP42VC	7966	4950	
U	617.0		CIV	Luhansk			N48 25 20	E039 20 36	KN98QK	8168	5075	346 37
U	620.0		civ	Novokuznetsk				E086 53 24	NO33KT	9097	5653	8
U	625.0		civ					E030 14 00	KO59CT	6859	4262	33
U	670.0			Chardzhev/Turkmenabat				E063 37 00	MM19TB	10099	6275	28
-	57 5.0		J1 V	S.G. SERIOTI I GIRLIIO I GOVE			. 100 00 00	_000 07 00		.0000	5215	20

Call	kU-	U-		Ctation	C/D	1711	1 104	Long	1 100	lens l	m:	0
Call U	<b>kHz</b> 708.0	Hz	Т	Station  List Kamenogorsk	S/P	ITU KAZ	N50 02 58	<b>Long</b> E082 28 12	NO10FB	9449	<b>mi</b> 5872	12
U	708.0 749.0		civ	Ust-Kamenogorsk Ekaterinburg/Koltsovo				E082 28 12 E060 50 24	MO06KR	9449 8252	5128	21
U	749.0							E137 04 30	PO80MN	8958	5566	338
U	820.0		civ	Komsomolsk-Na-Amure/Khurba Atyrau				E051 50 26	LN57WC	8852	5500	ააი 31
U	865.0		civ	Kurgan		RUS	1147 00 10	E031 30 20	LINSTANC	0002	5500	31
U	880.0		civ			RUS						
U	930.0						NEG EE 20	E124 57 00	PO26LW	8601	5344	347
U	950.0		civ civ	Neryungi/Chulman Novy				E135 09 30	PN78NM	9225	5732	338
U	985.0		civ	Mogilyov				E030 04 00	KO53AX	7274	4520	38
U	1065.0			Vitebsk/Vostochny				E030 04 00	KO55ED	7202	4475	37
U	1130.0		civ	Baku/Bina		AZE		E050 03 48	LN50AL	9384	5831	36
U	1180.0			Vytegra		RUS	1140 23 30	L030 03 40	LINJUAL	3304	3031	30
U6	360.0	1020		Creston	ВС		N49 02 35	W116 28 49	DN19SB	2871	1784	295
U7	388.0	1020		Pembroke	ON		N45 51 26		FN15JU	279	174	38
UA	227.5		CIV	Umtata	OIV		S31 33 30	E028 42 07	KF48IK	13742	8539	103
UA	317.0			UNID		?	001 00 00	L020 42 07	IXI TOIIX	10742	0000	100
UA	336.0			UNID		?						
UA	402.0			UNID		?						
UA	484.0			UNID		: ?						
UA	670.0			Kubinka		•	N56 36 00	E036 39 00	КО86НО	7378	4584	33
UA	725.0		enr	Toytepa		UZB		E069 23 00	MN40QX	10102	6277	23
UAB	200.0	400		Anahim Lake	ВС			W125 10 52	CO72JJ	3468	2155	302
UAC	250.0	400	014	Poste Montagnais/Eric	QC			W065 43 00	F071DV	1354	842	44
UAD	263.0		civ	Salinas/Chualar	CA			W121 28 30	CM96GL	3630	2256	272
UAN	290.0		0.1	Juanjui	0, 1		S07 10 17		FI12PT	5662	3518	177
UB	335.0			Lubango			S14 55 00	E013 37 00	JH65TB	11389	7077	99
UB	373.0			Ubon				E104 51 49	OK25KF	13442	8352	355
UB	380.0	400	civ		NT		N69 26 04		CP39LK	4115	2557	332
UB	907.0			Ust-Bolsheretsk		RUS	N52 49 00	E156 16 00	QO82DT	8042	4997	328
UBA	278.0	1020		Baracoa		CUB	N20 22 10	W074 31 22	FL20RI	2649	1646	169
UBC	239.0	1020	civ	Ballinger	TX	USA	N31 40 50	W099 58 30	EM01AQ	2249	1397	240
UBE	375.0	1020	civ	Cumberland	WI	USA	N45 30 33	W091 58 36	EN45AM	1007	626	285
UBO	296.0	1020		Batabano		CUB	N22 41 09	W082 16 57	EL82UQ	2367	1471	187
UBR	291.0			Ubari		LBY	N26 35 57	E012 46 50	JL66JO	8181	5083	69
UBT	295.0			Ubatuba		В	S23 26 57	W045 04 26	GG76LN	8241	5121	147
UBX	380.0	1020		Cuba	MO	USA	N38 03 55	W091 25 39	EM48GB	1196	743	241
UBY	268.0	910		Bayamo		CUB	N20 23 38	W076 37 09	FL10QJ	2620	1628	173
UC	212.0	1020		Union City/Obion/Everett-Stewart	TN	USA	N36 17 51	W088 59 41	EM56MH	1170	727	227
UC	264.0			Cucuta		CLM	N07 57 11	W072 31 45	FJ37RW	4039	2510	168
UC	345.0		civ	Uzunagach		KAZ	N43 36 00	E076 19 34	MN83DO	10019	6226	17
UCA	390.0	1070		Ciego de Avila				W078 52 19	FL01NX	2430	1510	179
UCC	382.0	1020		Jardines del Rey		CUB	N22 28 04	W078 18 25	FL02UL	2379	1478	177
UCF	212.0	830		Cienfuegos				W080 25 31	EL92SC	2417	1502	
UCh	475.5			Kotelnikovo				E043 07 00	LN17NP	8416	5229	36
UCL	230.0	900		Cayo Largo del Sur				W081 31 45	EL91FO	2480	1541	185
UCM	370.0	1230		Camaguay			N21 23 25		FL11AJ	2500		176
UCP	272.0	1020	civ	New Castle	PA			W080 24 53	EN91TA	329		194
UCU	339.0	1020		Santiago de Cuba				W075 49 15	FK29CX	2674	1662	
UCU	368.0			Iquique				W070 11 00	FG49VK	7200	4474	
UCY	380.0	1170		Cayojabo/Cayabo				W082 51 10	EL82NU	2354	1463	189
UD	236.0			Udon				E102 46 11	OK17JJ	13215	8211	358
UD	267.5			Ulundi				E031 25 51	KG51RQ	13750	8544	98
UD	290.0			Yakutsk				E129 48 36	PP42VD	7962	4948	346
UD	290.5			Cabo Salou		E		E001 10 24	JN010B	6361	3953	62
UD	390.0		pri	Udhailiyah				E049 19 42	LL45PD	10756	6683	45
UD	670.0			Bagaj-Baranovka		KUS	N52 08 00	E046 58 00	LO32LD	8192	5090	31

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
UD	905.0	1020	civ	Buturlino	J/F		N55 34 00	E044 55 00	LO25LN	7808	4852	30
UD	940.0	400*		Chudovo			N59 07 00	E031 39 00	KO59TC	6970	4331	33
UDE	269.0	400	civ	Delta	MB		N50 09 59	W098 18 26	EO00UD	1587	986	303
UDG	245.0	1020		Darlington/Dovesville	SC		N34 26 36	W079 53 14	FM04BK	1050	653	182
UDH	390.0	1020		Udhailiyah	00	ARS		E049 19 42	LL45PD	10756	6683	45
UE	220.0		P.	Santiago/Lo Castro		CHL	S33 18 18	W070 47 24	FF46OQ	8594	5340	173
UE	257.0		civ	Cherskiy			N68 45 54	E161 13 48	RP08OS	6554	4073	338
UE	375.0		OIV	Luena			S11 46 00	E019 54 00	JH98WF	11656	7243	92
UE	393.0	400	civ			S	N61 50 30	E012 46 24	JP61JU	5941	3691	36
UE	535.0	100	0.1	Gvardeyskoe			N45 07 00	E033 59 00	KN65XC	8162	5072	43
UES	359.0	1020	civ		WI		N43 02 41	W088 14 07	EN53VB	716	445	266
UF	275.0	1020	0.1	Longmen	•••		N23 38 48	E114 19 48	OL73DP	12395	7702	
UF	300.0		civ	Novokuznetsk			N53 51 18	E086 54 18	NO33KU	9095	5651	8
UF	316.0		iw	Shell/Esso Leman BT		IW	N53 04 54		JO13CB	5786	3595	49
UF	469.0							E135 08 12	PN78NL	9228	5734	
UF	485.0		civ	Mogilyov				E030 02 42	KO53AX	7272	4518	38
UF	720.0		civ	Taganrog-South			N47 12 30	E038 47 18	KN97JE	8242	5121	39
UF	915.0			Koshki		RUS	N54 13 00	E050 28 00	LO54FF	8143	5060	28
UFX	260.0	400		St Felix de Valois	QC			W073 25 09	FN36GE	540	335	60
UG	283.0			Ulongwe		MWI		E034 21 00	KH75EG	13035	8100	84
UG	297.5		mar	Uglegorsk				E142 02 15	QN19AC	8941	5556	334
UG	300.0			Uige		AGL		E015 02 00	JI72MK	10949	6803	92
UG	379.0	1020	civ	Waukegan/Wauke	IL		N42 27 51	W087 48 05	EN62CL	696	433	
UG	433.0		civ				N62 06 18	E077 18 42	MP82PC	8071	5015	11
UG	645.0	400		Uzhgorod				E022 12 10	KN18CP	7237	4497	46
UG	880.0			Raduzhny			N62 10 48	E077 20 18	MP82QE	8063	5010	11
ÜG	294.5			Mys Lounatrivi/Ostrov Gogland		RUS	N60 01 00	E027 01 00	KP30MA	6703	4165	34
UGM	429.5		iw	Bluewater Engineering/Usige Gorm		IW	N56 00 58	E003 11 04	JO16OA	5711	3549	45
UGS	250.0	1020	civ	Athens/Ohio University	ОН	USA	N39 15 26	W082 07 34	EM89WG	561	349	204
UGT	300.0			Guantanamo		CUB	N20 04 44	W075 09 30	FL20KB	2671	1660	170
UH	315.0		enr	Naryan-Mar		RUS	N67 37 00	E053 09 00	LP67NO	7017	4360	18
UH	455.0			Chuguyev		UKR	N49 50 00	E036 39 00	KN89HT	7919	4921	38
UH	528.0		civ	Tikhoretsk		RUS	N45 50 00	E040 05 00	LN05BT	8422	5233	39
UH	795.0		civ	Bukhara		UZB	N39 43 42	E064 28 06	MM29FR	10063	6253	27
UH	965.0			Ust-Khayruzovo		RUS	N57 08 48	E156 46 06	QO87JD	7649	4753	331
UHA	285.0	400		Quaqtaq/Cape Hope Advance	QC	CAN	N61 02 34	W069 37 38	FP51EB	2016	1253	16
UHA	348.0	1020		Habana		CUB	N22 55 58	W082 29 32	EL82SW	2342	1455	188
UHG	353.0	770		Holguin		CUB	N20 43 50	W076 21 35	FL10TR	2585	1606	173
UI	293.0	1020	civ	Quincy	IL	USA	N39 53 13	W091 15 13	EM49IV	1074	667	250
UI	312.0	1020	mar	Chuí		В	S33 44 32	W053 22 28	GF36HG	8995	5589	158
UI	327.0			UNID		?						
UI	370.0		civ	Komsomolsk-Na-Amure/Khurba		RUS	N50 31 48	E137 04 54	PO80MM	8963	5569	337
UI	730.0			Arkhangelsk/Vaskovo		RUS	N64 27 00	E040 26 00	LP04FK	6906	4291	25
UIENE	428.0		neg	SYW-428	TX	USA	N32 58 55	W096 04 02	EM12XX	1883	1170	236
UIO	350.0			Quito		EQA	S00 10 29	W078 28 59	FI09ST	4882	3034	179
UIT	305.0			Timehri		GUY	N06 27 05	W058 18 08	GJ06UK	4634	2880	147
UITS	414.0		neg	SKX-414	NM	USA	N36 27 28	W105 40 35	DM76DK	2369	1472	259
UJ	204.0			Gaolan		CHN		E113 15 36	OL61PV	12607	7833	347
UJ	352.0		iw	Shell Expro/Indefatigable Juliet Papa		IW		E002 37 55	JO13HH	5802	3605	49
UJ	374.0			Saki			N45 06 00	E033 37 00	KN65TC	8144	5060	43
UJ	662.0			Ust-Mana				E092 29 00	NO65FW	8915	5540	5
UJ	1242.0			Ust-Mana				E092 50 00	NO65KW	8917	5541	4
UK	350.0	400		Yukhnov				E035 13 00	KO74OR	7460	4636	35
UK	371.0	1020	civ	Ukiah/Kearn	CA			W123 14 46	CM89JG	3644	2264	
UK	372.0			Ua Huka			S08 56 09	W139 33 05	CI01FB	8406	5223	
UK	392.0	800	mil	Inowroclaw		POL	N52 49 00	E018 12 00	JO92CT	6733	4184	44

Call	<b>₩</b>	Ц-	т	Station	S/D	1711	Lot	Long	Loo	km	m:	0
UK	<b>kHz</b> 410.0	Hz	Т	Station Ust-Kamchatsk	S/P	RUS	N56 13 24	<b>Long</b> E162 41 06	RO16IF	7483	<b>mi</b> 4650	
UK	476.0			UNID		?	1100 10 24	L102 41 00	NOTOIF	1403	+000	J20
UK	912.0			UNID		; ?						
UKF	209.0	1020		North Wilkesboro/Wilki	NC		N36 06 46	W081 05 53	EM96KC	875	544	190
UKK	338.0	1020	civ	Wainwright Village	AK			W160 00 34	AQ90XP	5141	3194	333
UKL	245.0	1020	CIV	Burlington/Boyd	KS		N38 17 59		EM28DH	1498	931	251
UKS	393.0	1020		Kosrae	NO		N05 21 11		RJ15LI	11744	7297	294
UKT	208.0	1020	civ	Quakertown	РА		N40 25 29	W075 17 51	FN20IK	517	321	137
		1020	CIV		FA							
UL UL	230.0 248.0	400	oiv	Hulutaotun Montreal/Dorval	QC		N45 27 36	E121 37 00 W073 50 54	PM09TG FN35BL	10556 477	6559 297	344 67
UL		400			QC					7271		
UL	370.0 408.0		civ	Usinsk				E057 22 00 E048 45 12	LP86QA LO44JI	8066	4518 5012	18 29
			CIV	Ulyanovsk/Vostochny							8544	98
UL UL	422.0 580.0		ois r	Ulundi		RUS	S28 20 56	E031 23 40	KG51QP	13750	0044	90
				Vytegra			N40 00 00	E040 02 00	LNOOAD	0005	E111	27
UL	629.0			Uglerod			N48 09 00		LN08AD	8225	5111	37
UL	718.0	400		Lyubertsy Ula/BP				E037 51 00	KO85WP	7506	4664	33
ULA	380.0	400	iw			IW		E002 50 41	JO17KC	5644	3507	44
ULD	350.0	1020		Uberlândia	TNI	В	S18 53 14		GH51VC	7646	4751	148
ULH	332.0	1020	<b>a</b> !	Tullahoma/Burwi	TN			W086 14 30	EM65VL	1102	685	214
ULM	272.0	1020	CIV	New Ulm	MN		N44 19 04		EN24SH	1203	748	278
ULS	395.0	1020	٠	Ulysses	KS		N37 35 50		DM97HO	1971	1225	257
ULT	416.0			Ussel/Thalamy		F		E002 25 18	JN15FM	6191	3847	57
ULV	360.0	400	Civ	Brønnøysund/Ulvingen	N.II			E012 09 10	JP65BP	5737	3565	32
UM	233.0	400		Churchill Falls	NL		N53 35 26		FO73VO	1548	962	41
UM	257.0		CIV	Cherskiy				E161 20 30	RP08QS	6549	4069	338
UM	354.0	400	-:	Umanak/Uummannaq				W052 07 31	GQ30WQ	3341	2076	18
UM	397.0	400		Tartu/Ülenurme		EST		E026 46 06	KO38JH	6808	4230	35
UM	405.0	1020	enr	Ivanovskoye				E036 55 00	KO85LU	7448	4628	33
UM	745.0	1000		Astrakhan	<b>Ω</b> Λ			E047 53 00	LN36WI	8749	5436	34
UMB	380.0	1020	-:	Milledgeville/Baldwin County/Culvr	GA			W083 09 35	EM83KD	1235	768	196
UMH	370.0			Uromiyeh	A 1.			E045 03 39	LM27MP	9390	5835	41
UMM	326.0	4405	civ	Summit	AK		N63 19 41		BP53KH	4789	2976	322
UMO	212.0	1135		Moa	INI		N20 38 20	W074 57 16	FL20MP	2613	1624	169
UMP	338.0	1020		Indianapolis/Metropolitan	IN		N39 56 16		EM69XW	701	436	233
UN	297.5		mar	Mys Yaren'gskiy Rog				E038 20 36	KP94EU	6805	4228	26
UN	344.0	1000		Upington			S28 28 42		KG01PM	12964	8056	105
UN	381.0	1020	<b>a</b> !	Tijuana Stata Callaga/Panua	Б.		N32 32 00		DM12LM	3488	2167	262
UN	388.0			State College/Penue	PA			W077 44 30	FN10DV	361 8507	224	
UN	427.0	400		Kurgan				E065 25 00	MO25RL	8507	5286	20
UN	708.0			Kurgan				E065 27 36 E066 57 00	MO25RM	8504	5284 5637	20
UN UNA	1210.0			Arkalyk Udbina				E066 57 00 E015 46 22	MO30LH	9072 7129	5637 4430	21 52
	450.0	1000	JUI		1.4				JN74VM			
UNE UNG	379.0 412.0	1020 1050		Creston/Union County Nueva Gerona	IA			W094 20 50 W082 52 41	EN20TW EL81NS	1266 2476	787 1538	
			ois r		PC							188
UNT	312.0	400		Naramata/Penticton	BC WI			W119 36 10	DN09EO	3094	1922	
UNU UNV	344.0 256.0	1020 650	CIV	Juneau	VVI			W088 42 02 W077 13 57	EN53PK	747 2503	1556	269 175
		UOU	civ.	Nuevas Llet Ordynskiy			1NZ 1 Z3 30	VVU// 133/	FL11JJ	2503	1000	175
UOC	360.0		CIV	Ust-Ordynskiy		RUS	N22 20 E4	W078 30 42	EL OSDM	2272	1475	170
	310.0	1020	civ.	Cayo Coco	14				FL02RM	2373		178
UOC	524.0	1020		lowa City/Hawkeye	IA TN			W091 32 34	EN41FP	1020	634	
UOS	275.0	400		Sewanee	TN			W085 53 45	EM75BE	1112	691	
UOT	326.0	400		Union County	SC			W081 38 32	EM94EQ	1040	646 5427	191
UP	337.0		enr	Zenzeli				E047 04 00	LN35MW	8749	5437	35
UP	349.0	400	:-:	Kokand				E071 02 42	MN50ML	10207	6342	22
UP	366.0	400	JOI	Uppsala		S		E017 42 00	JO89UX	6275	3899	37
UP	399.0	400		Upernavik		GKL	N/24/33	W056 08 46	GQ12WT	3442	2139	13

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
UP	401.0			Atyrau			N47 04 46	E051 51 38	LN57WB	8855	5502	31
UP	414.0	1020		U-Taphao		THA	N12 39 48	E100 59 30	OK02LP	13741	8538	360
UPB	250.0			Playa Baracoa		CUB	N23 01 23	W082 34 51	EL83RA	2333	1450	188
UPI	315.0			Barranca de Upia			N04 34 35	W072 58 38	FJ34MN	4402	2736	170
UPK	408.0			UNID		?						
UQN	372.0	1020	civ	Vidalia/Onyun/Lyons	GA		N32 13 24		EM82UF	1319	820	192
UQS	241.0			Nuiqsut Village	AK		N70 12 45		BQ40LF	4810	2989	332
UR	253.0	1020		Burbank/Vinee	CA		N34 11 53	W118 22 40	DM04TE	3501	2175	266
UR	300.5			Mys Chërnyy				E038 39 12	KP98HI	6548	4069	22
UR	301.5			Russkiy				E158 31 00	QO92GK	7978	4958	327
UR	309.5	1020		Mys Chërnyy	I/V/		N68 22 18 N39 02 45	E038 39 12	KP98HI	6548	4069	22 221
UR	321.0	1020	CIV	Covington/Burln	KY				EM79OB	698	434	
UR UR	325.0 385.0	1020	civ	Chagda New York/Orchy	NY		N40 51 59	E130 39 00 W073 48 13	PO58HS FN30CU	8295 574	5154 357	344 124
UR	422.0	1020		Hradec Králové/"Upir"	INT			E015 52 53	JO70WE	6766	4204	47
UR	442.0	1020		Uralsk/Podstepnyy				E051 36 01	LO51TE	8465	5260	29
UR	485.0		CIV	Margate			S30 48 15		KF59EE	13826	8591	102
UR	514.0		civ	Chkalovskoe		RUS	000 40 10	2000 22 10	IN OOLL	10020	0001	102
UR	840.0		OIV	UNID		?						
UR	1046.0	400*	civ	Vologda			N59 16 54	E039 56 48	KO99XG	7301	4536	29
URA	345.0			Piura			S05 12 42		EI94QS	5440	3380	182
URB	235.0	1020		Uberaba		В	S19 45 56	W047 57 33	GH60AF	7746	4813	148
URB	285.0	1020	joi	Roma/Urbe		1	N41 56 42	E012 29 24	JN61FW	7087	4404	56
URC	330.0	1020	•	Urica		VEN	N09 42 13	W064 00 00	FJ79XQ	4073	2531	154
URF	415.0		civ	Sanliurfa		TUR	N37 05 43	E038 50 40	KM97KC	9098	5654	45
URG	275.0	1020		Uruguaiana		В	S29 47 10	W057 02 12	GG10LF	8472	5264	160
URM	220.0			Uriman		VEN	N05 19 59	W062 46 02	FJ85OH	4575	2843	154
URP	335.0	1020		Urubupungá		В	S20 46 26	W051 33 50	GG49FF	7705	4788	152
URT	235.0			Uruburetama		В	S03 35 08	W039 25 36	HI06GJ	6605	4104	132
URZ	365.0		enr	Urziceni			N44 42 47		KN34HR	7780	4834	47
US	335.0			Ulsan			N35 34 34		PM45QN	10736	6671	337
US	345.0	4000		Ust-Kamenogorsk			N50 04 03		NO10FB	9447	5870	12
US	970.0			Yelshanka			N51 48 48	E046 23 36 E038 30 00	LO31ET	8196	5093	32
US USC	1025.0 240.0	400* 600	enr	Muravlyanka Santa Clara			N22 28 51		KO93GS FL02AL	7688 2376	4777 1476	34 181
USE	375.0	1020	civ	Wauseon/Fulton	ОН		N41 36 33		EN71WO	459	285	238
USI	268.0	1020	CIV	UNID	OH	?	144 1 30 33	VV004 07 30	LINTIVO	400	200	230
USK	414.0		civ	Usak			N38 40 47	E029 28 48	KM48RQ	8414	5228	50
USL	390.0		0.1	UNID		?	1100 10 17	2020 20 10	rumiorea	0111	0220	00
USU	400.0			Ushuaia		ARG	S54 50 28	W068 19 12	FD55UD	10992	6830	174
UT	326.0		civ	Chardzhev/Turkmenabat				E063 38 24	MM19TA	10102	6277	28
UT	330.0			Pohang		KOR	N35 58 42	E129 25 06	PM45RX	10692	6644	337
UT	335.0			Umtata		AFS	S31 32 52	E028 43 47	KF48IK	13744	8540	103
UT	345.0			Bintulu		MLA	N03 10 32	E113 01 41	OJ63ME	14645	9100	343
UT	602.0			Pravdinsk		RUS	N56 31 00	E043 29 00	LO16RM	7670	4766	30
UT	635.0			UNID		?						
UTD	300.0			Alberto Delgado/Trinidad			N21 47 26	W079 59 28	FL01AS	2452	1524	181
UTE	370.0	1020		UNID		?						
UTH	366.0		mil	Ørland/Uthaug				E009 34 40	JP43SR	5706	3546	35
UTI	331.0	1020		Utica				W074 24 38	FJ25TD	4319	2684	
UTO	272.0			Utopia Creek AF	AK			W153 43 16	BP35DX	4965	3085	
UTS	308.0	1000		Huntsville	TX			W095 35 27	EM20ER	2036	1265	
UTX	405.0	1020	CIV	Jupiter/United	FL			W080 20 06	EL96TV	1886	1172	
UU	227.0		civ.	Mzuzu				E034 00 50	KH78AN	12763	7931	82 17
UU UU	285.0 334.0	1020	CIV	Uummannaq/Qaarsut Corinth/Seyer	MC			W052 39 56 W088 36 56	GQ30QR	3332 1261	2071	17 222
UU	334.0	1020		Comminacyci	MS	USA	1499 00 90	00 00 00 00	EM55QA	1261	103	<b>LLL</b>

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
UU	366.0		•	UNID	<b>U</b> ,1	?			_00	KIII		
UU	524.0	1020	civ	Vitebsk/Vostochny			N55 09 12	E030 25 48	KO55FD	7204	4477	37
UUV	356.0	1020		Sullivan	МО	USA	N38 14 08	W091 09 50	EM48KF	1166	724	241
UV	327.0		civ	Nizhny Novgorod/Strigino		RUS	N56 15 06	E043 47 42	LO16VG	7705	4787	30
UV	396.0	1020	civ	Martinsville/Bales	VA	USA	N36 35 24	W079 55 02	FM06AO	812	505	183
UV	426.0	1020	civ	Oxford/Tunng	MS	USA	N34 23 07	W089 37 34	EM54EJ	1372	852	223
UV	676.0		civ	Nizhniy Novgorod/Strigino		RUS	N56 16 18	E043 48 12	LO16VG	7703	4787	30
UVA	281.0	1020	civ	Uvalde	TX	USA	N29 10 40	W099 43 33	EL09DE	2429	1510	235
UVR	272.0	1020		Varder		CUB	N23 05 26	W081 22 01	EL93HC	2314	1438	185
UVS	310.0		neg	DBV-310		SVK	N48 51 30	E018 48 06	JN98JU	7025	4365	47
UVT	296.0	1020		Tunas		CUB	N20 59 19	W076 56 20	FL10MX	2551	1585	174
UW	368.0	400	civ	Edinburgh		G	N55 54 19	W003 30 09	IO85FV	5327	3310	47
UWI	400.0	1020	civ	Dalton/Whitfield	GA	USA	N34 47 22	W084 56 46	EM74MS	1116	693	207
UWL	385.0	1020	civ	New Castle	IN	USA	N39 52 48	W085 19 08	EM79IV	660	410	230
UWP	323.0	400	mil	Argentia (USN)	NL	CAN	N47 17 44	W053 59 29	GN37AH	2013	1251	70
UX	278.0	1020		Sulphur/Sulfy	LA	USA	N30 11 55	W093 25 14	EM30GE	1957	1216	224
UX	378.0	400	civ	Hall Beach	NU			W081 15 23	EP98IS	2771	1722	
UX	790.0			Anadyr/Ugolny			N64 47 06	E177 46 12	RP84VS	6244	3880	
UY	490.0		civ	Kyzyl			N51 39 24		NO71EP	9400	5841	4
UY	605.0			Orel/Yuzhny			N52 59 01	E036 06 01	KO82BX	7640	4747	36
UY	842.0			Kutaisi			N42 11 04	E042 32 38	LN12GE	8861	5506	40
UY	1075.0			Sovetsky			N61 20 00	E063 37 00	MP11TH	7875	4893	18
UYF	284.0	1020	CiV	London	OH			W083 27 58	EM89GW	551	343	
UZ	227.0	1020		Rock Hill/Rally	SC		N34 53 24	W081 04 51	EM94LV	1010	627	189
UZ	424.0	400	iw	Markham		IW	NI40 54 00	E040 E0 00	INIOONAILI	7404	4040	-4
UZ	470.0	1020		Uzice/Ponikve			N43 51 30	E019 53 36	JN93WU	7434	4619	51
UZG	283.0	875		Zarago			N22 56 06	W082 02 19	EL82XW	2337	1452	
V	282.0			Sauce Viejo			S31 43 56	W060 49 16	FF98OG	8586 8713	5335	
V V	295.0 305.0			Villa Reynolds Viedma			S40 51 54	W065 24 12 W063 01 30	FF76HG FE89LD	9531	5414 5922	
V	308.0		civ	Minsk 2			N53 54 00	E028 00 00	KO43AV	7177	4459	39
V	318.0			Khudzhand/Leninabad		TJK		E069 43 18	MN40UF	10191	6333	23
V	339.0	400		Kokkola-Pietarsaari/Kruunupyy		FIN		E023 08 00	KP13NQ	6301	3915	31
v	351.0	400	CIV	UNID		?	1100 42 00	L025 00 00	IN IONG	0001	5515	31
v	354.0	400	civ	Ylivieska		FIN	N64 04 18	E024 42 30	KP24IB	6343	3942	30
V	396.0	.00		Suceava		ROU		E026 22 00	KN37EQ	7544	4688	45
V	406.0	400		Ivalo		FIN		E027 21 54	KP38QO	6166	3832	25
V	416.0	1020		Vodochody/Pan. Brezany/Máslovice				E014 25 48	JO70FF	6680	4151	48
V	420.0	900	ρ	Varder				W081 27 29	EL93GA	2323	1443	
V	430.5			UNID		?	· · <del>-</del>	<b>-</b>				
V	456.0		mil	Szentkirályszabadja			N47 03 40	E017 58 49	JN87XB	7096	4409	49
V	585.0		civ	Tbilisi/Lochini/Novoalekseevka				E044 57 18	LN21LQ	9028	5610	39
V	598.0		civ					E024 39 24	KN28HV	7359	4573	44
V	650.0			Lviv		UKR	N49 47 52	E023 58 43	KN19XT	7257	4509	44
٧	685.0		civ	Yakutsk		RUS	N62 04 24	E129 44 24	PP42UB	7970	4952	346
٧	733.0		civ	Kiev/Zhulyany		UKR	N50 24 11	E030 28 36	KO50FJ	7562	4699	40
V	923.0		civ	Tbilisi/Kutaisi/Lochini		GEO	N41 40 58	E044 56 01	LN21LQ	9026	5609	39
V	733.0		civ	Abakan		RUS						
V1	272.0	980	civ	Moose Jaw Municipal	SK	CAN	N50 26 00	W105 23 12	DO70HK	2083	1294	300
V2	277.0	1020	civ	Humboldt	SK	CAN	N52 10 27	W105 07 27	DO72KE	2109	1310	305
V4	296.0	400	civ	Bonnyville	AB	CAN	N54 18 19	W110 44 39	DO44PH	2533	1574	308
V6	280.0	1020	civ	Salmon Arm	ВС	CAN	N50 41 10	W119 14 00	DO00JQ	3062	1903	298
<b>V</b> 7	272.0		civ	Detour Lake	ON	CAN	N49 59 00	W079 40 50	FN09DX	677	421	359
V7B	355.0	400		UNID		?						
VA	307.0	1020	enr	Dobrinskoye		RUS	N56 16 00	E040 36 00	LO06HG	7573	4706	31
VA	310.0			Amal V12		LBY	N29 29 00	E021 04 00	KL09ML	8569	5325	61

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
VA	332.0	400		Ylivieska		FIN	N64 07 46	E024 38 34	KP24HD	6337	3938	30
VA	335.0		civ	Egilsstadhir/Vad		ISL	N65 06 34		IP25QC	4541	2822	36
VA	342.0	0	civ	Vannes/Meucon		F	N47 46 10		IN87QS	5731	3561	57
VA	359.0	400	pri	Västervik		S	N57 48 06	E016 30 18	JO87GT	6340	3940	39
VA	420.0		·	UNID		?						
VA	430.0	1010		Varder/Varadero		CUB	N22 59 19	W081 30 29	EL92FX	2327	1446	185
VA	450.0			Khovd		MNG	N47 54 30	E091 39 19	NN57TV	9797	6087	6
VA	538.5		civ	Murmansk/Kippyavr		RUS	N69 06 00	E032 26 00	KP69FC	6302	3916	23
VA	776.0		civ	Pavlovshina		RUS	N56 45 00	E093 34 00	NO66SS	8831	5487	4
VAEE	368.0		neg	BNO-368		CZE	N49 08 42	E016 46 12	JN89JD	6886	4279	48
VAL	345.0			Val		AFS	S26 47 57	E028 55 22	KG43LE	13451	8358	99
VAL	380.0			Governador Valaderes		В	S18 53 55	W041 59 16	GH91AC	7932	4929	143
VAL	390.0	1020	enr	Valjevo		YUG	N44 19 16	E019 52 30	JN94WH	7400	4598	50
VAN	397.0		civ	Van		TUR	N38 28 06	E043 20 08	LM18QL	9227	5734	42
VAR	319.0	400	civ	Stavanger/Sola/Varhaug		NOR	N58 37 38	E005 37 42	JO28TP	5730	3561	42
VAR	344.0		enr	Varazdin		HRV	N46 18 42	E016 22 51	JN86EH	7048	4380	50
VAT	367.0	0	civ	Châlons/Vatry		F	N48 47 54	E004 01 00	JN28AT	6117	3801	53
VB	305.0			Asuncion		PRG	S25 16 50	W057 31 44	GG14FR	7980	4958	159
VB	310.0			Yingde		CHN	N24 12 12	E113 24 30	OL64QE	12351	7675	348
VB	321.0			Vikarabad		IND	N17 20 04	E077 52 55	MK87WI	12845	7981	24
VB	425.0			Vryburg		AFS	S26 59 03	E024 43 39	KG23IA	13132	8160	101
VBW	241.0	1020	civ	Bridgewater	VA	USA	N38 21 56	W078 57 40	FM08MI	616	383	176
VC	226.0	1020	civ	Victoria/Fostr	TX	USA	N28 54 55	W097 00 02	EL18LV	2279	1416	229
VC	268.0			Virac		PHL	N13 37 37	E124 12 47	PK23CP	13199	8202	334
VC	317.0	400	civ	La Ronge	SK	CAN	N55 05 10	W105 19 06	DO75IC	2229	1385	313
VC	393.0			Tsushima		J	N34 17 15	E129 19 25	PM44PG	10870	6755	336
VC	678.0			Leshukonskoye		RUS	N64 54 00	E045 45 00	LP24VV	7043	4377	23
VCO	260.0	1020		Vitória da Conquista		В	S14 51 59	W040 51 56	GH95ND	7596	4720	140
VCY	382.0	1020	civ	Valley City	ND	USA	N46 52 39	W097 54 50	EN16BV	1479	919	289
VD	322.5			Vrede		AFS	S27 25 27	E029 10 17	KG42ON	13512	8396	99
VD	334.0			Yakutsk				E129 42 24	PP42UB	7973	4954	346
VD	342.0	400	civ	Vadsø			N70 03 56	E029 52 59	KQ40WB	6158	3827	23
VDB	330.0			UNID		?						
VE	205.0			Vientiane		LAO		E102 31 28	OK18GA	13145	8168	358
VE	308.0			Monte Verde/Ilha de São Vicente		CPV			HK76MU	5900	3666	103
VE	320.0		CIV	Valence/Chabeuil		F	N44 50 56	E004 57 20	JN24LU	6401	3977	57
VE	352.0			UNID		?						
VEA	400.0	4000		UNID		?	NO4 00 00	W000 00 04	EMOALIO	4070	4400	005
VED	247.0	1020		Leesville	LA			W093 20 31	EM31HC	1872	1163	
VEE	359.0			BO-359	ID	USA		W116 19 00	DN13UO	2944	1830	282
VEEN VEN	413.0 379.0	1020	•	BOA-413 Venezia/Tessera		- !		E011 12 00 E012 16 37	JN54ON	6832 6846	4245 4254	54 53
VEN	392.0	1020 1020		Vero Beach	FL	IICA I		W080 25 10	JN65DK		1120	
VER	284.0	1020	CIV	UNID	ΓL	?	N27 39 31	WU00 25 10	EL97SP	1803	1120	103
VER	347.0			Boonville/Viertel	МО		N120 EG E0	W092 41 03	EM38PW	1233	766	248
VES	356.0	1020	civ	Versailles	OH			W092 41 03 W084 31 22	EN70RE	586		227
VET	402.0	400	CIV	UNID	OH	?	1140 12 22	VV004 31 22	LINTUINE	300	304	221
VETIA	294.0	700	nec	BMC-294	UT		N41 30 58	W112 04 41	DN31XM	2668	1658	276
VETIE	294.0		_	BMC-294	UT			W112 04 41	DN31XM	2668	1658	276
VETTE	274.0		9	Victoria Falls	٥.			E025 49 12	KH21VV	12597	7827	93
VFU	411.0	1020	civ	Van Wert/Stanley	ОН			W084 36 50	EN70QU	542	337	
VIG	230.0	400		Vermilion	AB			W110 47 48	DO430I	2512	1561	306
VG	275.0	400		Haugesund/Karmøy/Våga	טרי			E005 21 34	JO29QG	5688	3534	41
VG	294.5	100		Ostrov Zhizhginskiy Main				E036 49 00	KP85JF	6723	4177	26
VG	325.0			Zagreb/Pleso/Velika Gorica				E016 02 31	JN85AR	7066	4391	51
VG	348.0	400		Vagar				W007 11 44	IP62JB	4943	3071	40
	5-0.0	700	OIV	- agai			1102 02 00	77007 11 77	" OFOD	7070	3071	70

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
VG	405.0	400	-	Mingaral/Washkah or Eddib V7	J/F		N28 58 48	<b>Long</b> E017 35 12	JL88TX	8359	5194	64
VG	441.0	100		Zhigansk				E123 24 12	PP16QR	7583	4712	
VGA	350.0		iw	Vega		1	N36 32 21	E014 37 32	JM76HM	7601	4723	60
VGA	355.0			Ålesund/Vigra		NOR	N62 33 49	E006 07 47	JP32BN	5592	3475	37
VGD	365.0	1020		Vitigudino		Е		W006 26 41	IN61SA	5813	3612	66
VGH	325.0	1020		Varginha		В	S21 35 17	W045 28 28	GG78GJ	8037	4994	147
VH	297.0			UNID		?						
VH	322.0		enr	Dashoguz		TKM	N41 45 36	E059 53 30	LN91WS	9689	6020	29
VH	410.0	400*		Hofra V10		LBY	N29 22 00	E018 01 00	JL99AI	8361	5195	63
VHD	230.0			Vryheid		AFS	S27 47 11	E030 42 46	KG52IF	13659	8487	98
VHL	350.0			Vryheid		AFS	S27 47 10	E030 47 13	KG52JF	13665	8491	98
VHN	233.0	1020	civ	Van Horn	TX	USA	N31 03 42	W104 47 12	DM71OB	2638	1639	246
VI	220.0	1020	civ	Visalia/Vilia	CA	USA	N36 15 17	W119 18 53	DM06IG	3468	2155	270
VI	334.0	1020	enr	Verkhnie Vysotske			N48 56 30	E023 02 42	KN18MW	7264	4514	45
VI	344.0	1020		Nashville/Opery	TN			W086 39 10	EM66QE	1051	653	
VI	345.0		civ	Vigo		Ε		W008 36 12	IN52QH	5585	3470	66
VI	353.0			Masvingo			S20 02 30	E030 51 24	KG59KW	13141	8165	91
VI	420.0			UNID		?	NIEO 00 05	E000 :0.05	140.46.15		46==	
VI	462.0	400		Zhitomir		UKR	N50 08 06	E028 48 36	KO40JD	7495	4657	41
VIB	480.0	1020		Viterbo		!	N42 26 24	E012 03 25	JN62AK	7025	4365	56
VIC	417.0	1020	mii	Vicenza		1		E011 40 29	JN55UP	6795	4222	53
VIE VIE	275.0	1000		Viedma		ARG	S40 51 45	W063 00 23	FE89LD	9531	5922	
VIE	405.0 480.0	1020		Vieste UNID		?	N41 54 48	E016 03 04	JN81AV	7324	4551	54
VIL	355.0	1020	ioi	Verona/Villafranca		í I	N45 19 28	E010 47 10	JN55JH	6757	4199	54
VIN	413.0	1020	•	BOA-413		i	N44 34 06	E011 12 00	JN54ON	6832	4245	54
VINI	416.0		-	BKL-416	ОН	ΙΙςΔ		W081 39 48	EN91EM	319	198	
VINU	416.0			BKL-416	ОН			W081 39 48	EN91EM	319	198	
VIQ	368.0	1020	_	Neillsville	WI			W090 30 54	EN44RN	886	550	
VIR	281.0	1020		Barrow/Browerville	AK			W156 46 53	BQ110G	5015	3116	
VIT	277.0			Roanoke/Vinton	VA		N37 12 14		FM07BE	744	462	
VIV	284.0	1020		Vivian	LA	USA	N32 51 35	W094 00 37	EM22XU	1761	1094	231
VJ	236.0	1020		Abington/Whine	VA	USA	N36 44 02	W081 56 57	EM96AR	823	511	196
VJ	328.0	400	civ	Stauning		DNK	N55 59 24	E008 25 36	JO45FX	6008	3733	44
VK	332.0	1020		Devils Lake/Vikor	ND	USA	N48 02 13	W098 48 23	EN08OA	1564	972	294
VK	390.0			Severomorsk 1		RUS	N69 04 00	E033 21 00	KP69QB	6333	3935	23
VK	405.0		civ	Navakai		FJI	S17 47 05	E177 25 10	RH82RF	12402	7706	266
VK	1650.0		mil	Velika Kladusa		BIH	N45 10 50	E015 48 30	JN75VE	7088	4404	52
VKN	268.0	1020	civ	Barre/Montpelier/Mount Mansfield	VT			W072 41 37	FN34PJ	544	338	82
VKS	382.0	1020		Vicksburg	MS			W090 55 35	EM42MF	1636	1017	
VKX	241.0			Friendly/Potomac	MD		N38 44 56	W076 57 22	FM18MR	609	378	159
VKY	1650.0			UNID		?	NI44 50 00	E040 50 40	IN 10 4145 /	0005	40.40	
VL	320.0		CIV	Pula/Valtura				E013 53 42	JN64WV	6985	4340	53
VL	370.0	1000	ma:I	Villankulo				E035 17 00	KG78PA	13632	8471	90
VL	393.0	1020	mii	Valladolid		E ?	N41 43 30	W004 49 36	IN71OR	5892	3661	65
VL VL	433.0		onr	UNID Zholtovo			NE1 39 00	E056 36 00	LO81HP	8600	5349	26
VLC	1005.0 380.0		CIII	Zheltoye Valencia				W067 56 05	FK60AD	8609 3902	2424	26 160
VLC	208.0			Valdivia				W007 50 05 W073 05 01	FF30KG	9283	5768	
VLD	342.0	1020	mil	Valladolid		E		W073 03 01 W004 44 21	IN71PS	5895	3663	64
VLH	395.0	.020		Vilhena		В		W060 06 12	FH97WH	6566	4080	
VLI	404.0			UNID		?	J.L T. LL	12		3000	.500	.50
VLX	348.0	1020		Mountain View/Wilcox	AR	-	N35 52 03	W092 05 41	EM35WU	1398	869	235
VM	280.0	0		Shigezhuang				E116 54 00	OM89KH	10645	6615	
VM	354.0	•		UNID		?						
VM	375.0	1020	civ	Vestmannaeyjar			N63 23 59	W020 17 18	HP93UJ	4265	2650	38
				••								

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
VM	417.5	112		Venetia	O/I		S22 27 25	E029 18 16	KG47PN	13186	8193	94
VMR	375.0	1020		Vermillion	SD		N42 45 48	W096 56 04	EN12MS	1420	883	271
VNA	326.0	1020	civ	Villanova di Albenga		1	N44 02 53	E008 07 39	JN44BB	6661	4139	56
VNA	364.0			Vanja		S	N63 49 58	E019 50 53	JP93WT	6155	3824	32
VNA	400.0			Vavuniya		CLN		E080 29 17	NJ08FR	13837	8598	24
VNC	206.0	400	civ	Venice	FL	USA	N27 03 41	W082 25 50	EL87SB	1887	1172	189
VNG	404.0	400		Vangsnes			N61 10 21	E006 38 42	JP31HE	5673	3525	38
VNO	257.0	1020		Vanimo			S02 40 44	E141 18 11	QI07PH	13939	8662	307
VNV	380.0	1020	enr	Villanueva		Ε	N41 12 38	E001 42 21	JN01UF	6390	3970	62
VO	239.0	400		Val d'Or	QC	CAN	N48 03 24	W077 47 36	FN18CB	480	298	15
VO	295.0			Ora V.9		LBY	N28 31 00	E019 19 00	JL98PM	8518	5293	63
VOF	370.0	1020	civ	Covington/Alcovy	GA	USA	N33 37 47	W083 46 56	EM83CP	1200	745	200
VOG	333.5	1020	civ	Voghera		1	N44 57 50	E008 58 19	JN44LX	6661	4139	55
VON	433.0	1020		Vigo		Ε	N42 11 10	W008 38 20	IN52QE	5589	3473	66
VP	212.0	1020	civ	Valparaiso/Sedly	IN	USA	N41 27 04	W086 52 39	EN61NK	666	414	249
VP	285.0		civ	Tbilisi/Lochini		GEO	N41 42 47	E044 53 44	LN21KR	9021	5606	39
VP	300.0			Vanderbijlpark		AFS	S26 41 33	E027 46 31	KG33VH	13353	8297	99
VP	390.0	400	civ	Kuujjuaq/Kujack	QC	CAN	N58 03 22	W068 29 11	FO58SB	1749	1087	22
VP	393.0	1020		Vopnafjördhur/Hofsa		ISL	N65 42 59	W014 51 14	IP25NR	4528	2814	35
VP	697.0		civ	Tbilisi/Lochini		GEO	N41 42 47	E044 53 44	LN21KR	9021	5606	39
VQ	230.0	1020	civ	Detroit/Cargl	MI	USA	N42 21 23	W082 57 15	EN82MI	332	206	240
VQ	326.0		civ	Norman Wells	NT	CAN	N66 15 10	W126 40 11	CP66PG	3758	2335	328
VQ	398.0			Darongjiang			N25 33 30	E110 28 42	OL55FN	12248	7610	351
VQ	400.0	1020		Alamosa/Besaq	CO	USA	N37 21 16	W105 55 52	DM77AI	2343	1456	261
VQ	820.0		enr	Komintern		KAZ	N41 23 00	E068 48 00	MN41JJ	10042	6240	23
VR	266.0	400	civ	Vancouver	BC	CAN	N49 10 22	W123 03 26	CN89LE	3348	2080	296
VR	304.0			Vila Real			N41 12 51		IN61DF	5706	3545	66
VR	309.5			Mys Zhonkiyer/Aleksandrovsk			N50 53 18	E142 07 01	QO10BV	8763	5445	335
VR	312.5			Mys Zheleznyy Rog				E036 44 30	KN85IC	8310	5164	41
VR	365.0	1020		Gran Canaria/Las Palmas			N27 51 25	W015 25 12	IL27GU	5896	3664	85
VR	373.0		joi	Tehran/Mehrabad/Varamin		IRN	N35 20 34	E051 38 14	LM55TI	9937	6175	38
VR VB	385.0	1020	oi.	Ras Lanuf V40		LBY	N30 30 00	E018 32 00	JM90GM	8313	5166	62
VR VR	462.0 465.0	1020	CIV	Zhitomir Parduc			N50 10 54	E028 40 18 E017 36 16	KO40IE JN87TE	7484 7066	4650 4391	41 49
VR VR	598.0			UNID		7	1147 10 03	E017 30 10	JINO/ I E	7000	4391	49
VRA	278.0	1020		Valera		-	N09 20 33	W070 35 09	FJ49QI	3924	2438	165
VRA	294.0		enr				N45 05 16		KN05PC	7433	4619	49
VRD	377.0	000	0111	Victoria River Downs			S16 24 17		PH53MO	15830	9836	308
VRE	425.0			UNID		?	0.02			.0000	0000	
VRI	328.0		pri	Vrchlabí		CZE	N50 37 00	E015 38 00	JO70TO	6725	4179	47
VRL	283.0		•	Vrlika				E016 26 00	JN83FW	7211	4481	52
VRN	337.0		enr	Vranje				E021 54 41	KN02WN	7653	4755	51
VRO	280.0	1020		Viru Viru		BOL	S17 32 01	W063 11 58	FH82JL	7000	4350	163
VRS	369.0	1020	civ	Vrsar		HRV	N45 12 37	E013 38 56	JN65TF	6949	4318	53
VRT	230.0	1020	civ	Vernon/Wilbarger	TX	USA	N34 13 33	W099 16 45	EM04IF	2016	1253	245
VS	317.0	0	civ	Valenciennes/Denain		F	N50 21 06	E003 21 18	JO10QI	5993	3724	52
VS	362.0		mil	Szentkirályszabadja		HNG	N47 01 48	E017 59 48	JN87XA	7099	4411	49
VS	365.0	400	civ	Tampere/Pirkkala/Vesilahti		FIN	N61 22 37	E023 26 46	KP11RJ	6457	4012	34
VSA	285.0			Santo Antao/Recife		В	S08 06 23	W035 17 14	HI21IV	7274	4520	131
VSh	830.0			Groznyj-East		RUS		E045 42 00	LN23UJ	8913	5538	37
VT	266.0		iw	Phillips/Ekofisk/Teeside Pipe A		IW		E001 36 44	JO05TV	5625	3496	46
VT	291.0			Vungtau				E107 06 09	OK30NI	13962	8675	352
VT	308.0	1020		Vitoria		Е		W002 48 15	IN82OT	5978	3715	63
VT	332.0	400		Buffalo Narrows	SK		N55 51 15	W108 29 03	DO55SU	2447	1520	313
VT	687.0			Eysk		RUS					_	
VTA	345.0	1020	civ	Vitoria		Е	N42 55 41	W002 40 47	IN82PW	5980	3716	62

0-11	I 1.11- I	11-	-	Constinue	0.75	17.1	1 -4			Len		
Call	403.0	<b>Hz</b>	T	Station Villatobas	S/P	ITU	N30 46 50	Long	IM89GS	6000	<b>mi</b>	° 66
VTB VTE	403.0 386.0	1020		Villatobas	SD	E	N39 46 59	W003 28 31 W097 44 44		6099	3790	
VIE			neg	BTN-386	9D		N45 49 09		EN15DT	1458	906	285 358
VTI	405.0 338.0	1020		Thangone Vinton/Garrison	IA		N42 13 18	E102 38 00 W092 01 13	OK18HD EN32XF	13132 1039	8160 646	264
VTN	314.0	1020	civ	Valentine	NE			W100 32 59	DN92RU	1709	1062	274
VTN	358.0	1020	CIV	Biratnagar	INL			E087 15 59	NL36PL	12095	7516	13
VTN	468.0	1020		Kraljevo/Vitanovac				E020 48 37	KN03JR	7501	4661	50
VTR	350.0	1020		Vitória		В	S20 11 31		GG99VT	8145	5061	142
VTR	350.0	1020	civ	McGrath/Takotna River	AK		N62 56 49		BP22FW	5116	3179	322
VTS	219.0	.020	0	Villa Montes				W063 24 20	FG88HR	7397	4596	164
VTT	350.0			UNID		?						
VU	321.0			UNID		?						
VU	337.0			UNID		?						
VU	346.0	1020		Albemarle/Aller	NC	USA	N35 29 19	W080 04 49	EM95XL	935	581	184
VU	378.0			UNID		?						
VUN	392.0	0	civ	Verdun/Le Rozelier		F	N49 07 18	E005 28 06	JN29RC	6193	3848	52
VUP	325.0			Valledupar		CLM	N10 25 56	W073 14 49	FK30JK	3757	2334	169
VV	299.0		civ	Connellsville/Camor/Uniontown	PA	USA	N39 52 58	W079 44 41	FM09DV	446	277	183
VV	326.0	400	civ	Wiarton	ON	CAN	N44 41 53	W081 10 46	EN94JQ	164	102	304
VV	353.0	1020		Greensboro/Junne	GA		N33 38 46	W083 01 15	EM83LP	1179	733	196
VV	423.0			UNID		?						
VV	449.0			UNID		?						
VV	456.0			UNID		?						
VV	460.0			Vereeniging			S26 34 30	E027 57 30	KG33XK	13360	8301	99
VVC	370.0			Villavicencio				W073 22 59	FJ34HB	4453	2767	171
VVO	295.0			Viru Viru				W063 04 42	FH82LG	7024	4365	162
VVV	332.0	1020		Ortonville	MN		N45 18 06	W096 25 17	EN15SH	1353	841	283
VW	280.0	1020		Statesville/Temky	NC		N35 46 28	W081 03 54	EM95LS	912		
VW	325.0			Victoria West				E023 08 57	KF18NO	13300	8264	106
VW VWD	352.0	1020		Fujiachang	\ /T			E104 18 06	OL29DW	11821	7345 338	357
VWD	224.0 329.0	1020 400		West Dover/Mount Snow	VT	S		W072 51 50 E014 41 52	FN32NW JO76IU	545 6301	3915	99 41
VX	368.0	400	•	Växjö/Kronoberg Dafoe	SK		N50 51 20 N51 52 23		DO71RU	2063	1282	304
VX	635.0	400*		Minsk 2	SIX			E027 58 30	KO33XW	7174	4458	39
VYI	327.0	1020		Kahului/Valley Island	НІ		N20 52 51		BL10SV	7406	4602	
VYS	230.0	1020	0.1	Peru/Valley	IL.		N41 21 17		EN51KI	843	524	
VZ	244.0	1020		Vishakhapatnam		IND	N17 44 17		NK17PR	12958	8051	18
VZ	357.0	400	civ	Eelde/Groningen				E006 23 48	JO33EA	6042	3754	48
VZ	403.0			Vichy/Charmeil		F		E003 23 42	JN16QD	6223	3867	56
VZ	415.0			Altay		CHN		E088 09 42	NN47BR	9783	6079	8
VZ	471.0			UNID		?						
W	213.0		civ	Pavlodar		KAZ	N52 11 00	E077 02 30	MO82ME	9122	5668	14
W	237.0			Villa Reynolds				W065 24 00	FF76HG	8714		168
W	255.0		civ	Polyarny		RUS	N66 24 00	E112 04 00	OP66AJ	7735	4806	355
W	283.0		civ	Mineralnye Vody		RUS	N44 12 36	E043 06 54	LN14NF	8713	5414	38
W	286.0		civ	Kaluga/Trabtsevo		RUS	N54 32 12	E036 23 24	KO84EM	7529	4679	34
W	286.0		civ	Penza		RUS	N53 06 12	E045 03 00	LO23MC	8027	4988	31
W	305.0		civ	Velikiye Luki				E030 33 00	KO56GI	7122	4426	36
W	335.0		civ					E027 47 47	KN33VF	7959	4946	47
W	340.0	1020	civ	Kuressaare			N58 14 41	E022 30 35	KO18GF	6611	4108	37
W	350.0	1020		UNID		?						
W	358.0			Arkhangelsk/Vaskovo				E040 23 18	LP04EK	6904	4290	25
W	361.0	1020	civ	Warsaw/Okecie/Piaseczno				E020 59 18	KO02LD	6930	4306	43
W	362.0			Armavir/Tsentralny				E041 09 00	LN04NW	8550	5313	39
W	368.0			Kursk				E036 19 24	KO81DR	7750	4815	37
W	375.0		civ	Krasnodar/Pashkovsky		RUS	N45 01 24	E039 07 18	KN95NA	8442	5245	40

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
W	408.0	400	mil	Utti	3/F	FIN	N60 44 00	E026 59 00	KP30LR	6654	<b>mi</b> 4134	33
W	428.0	400	111111	Vyborg		RUS	1100 44 00	L020 39 00	IXI JULIX	0054	4154	55
W	454.0		civ	Moscow/Bykovo			N55 36 30	E038 05 00	KO95BO	7519	4672	33
w	588.0		civ	Kurumoch/Samara				E050 09 45	LO53BM	8194	5092	29
W	595.0		civ	Chertovitskoye/Vorenezh		RUS		E039 12 00	KO91OT	7877	4895	35
w	659.0		civ	Rostov-na-Donu/Rostov East		RUS	N47 16 30	E039 50 00	KN97WG	8288	5150	38
W	670.0		civ	Ivanovo-South/Yuzhny			N56 56 00	E040 57 30	LO06LW	7533	4681	31
w	678.0		civ				N50 36 30	E026 06 30	KO30BO	7315	4546	42
W	695.0			Velikie Luki				E030 37 24	KO56HI	7124	4427	35
W	718.0		civ	Turkmenbashi			N40 01 30	E053 00 30	LN60MA	9564	5943	35
W	843.0		civ	Tsentralny/Orenburg		RUS		E055 25 30	LO71RT	8552	5314	27
W	855.0		civ	Dushanbe		TJK	N38 32 36	E068 51 30	MM48KN	10336	6422	24
W	887.0		civ					E037 54 00	KO85WK	7525	4676	33
W	891.0		civ	Mys Schmidta			N68 53 00	W179 24 42	AP08HV	5910	3672	334
W	920.0		civ	Grodno/Obukhovo		BLR	N53 34 48	E024 03 24	KO23AN	6997	4348	41
W	930.0		civ	Minsk/Machulischchi		BLR	N53 45 00	E027 35 30	KO33TS	7167	4453	39
W	930.0	1020		Veschevo		RUS	N60 39 24	E029 11 12	KP40OP	6754	4197	32
W	949.0	1020	civ	Moscow/Vnukovo		RUS	N55 34 30	E037 15 00	KO85PN	7485	4651	33
W	1065.0		civ	Vitebsk/Vostochny		BLR	N55 07 00	E030 18 30	KO55DC	7201	4475	37
W1	392.0	400	civ	Hardisty	AB	CAN	N52 38 43	W111 22 41	DO42HP	2535	1575	304
W2	283.0	400	civ	Kirby Gas Plant	AB	CAN	N55 21 20	W110 37 47	DO45QI	2557	1589	311
W3	369.0			Cooking Lake	AB	CAN	N53 25 00	W113 02 00	DO33LK	2659	1652	305
W4	323.0	400	civ	Jenpeg	MB	CAN	N54 31 12	W098 02 36	EO04XM	1787	1111	318
W6	233.0	1020	civ	Creston North	BC	CAN	N49 10 35	W116 36 19	DN19QE	2879	1789	295
W7	219.0	400	civ	Pabok/Du Rocher-Percé	QC		N48 22 54	W064 33 50	FN78RJ	1252	778	61
WA	308.0			UNID		?						
WA	318.0			Wajir				E040 03 37	LJ01AR	12185	7571	67
WA	342.0			Wongyuan				E114 06 48	OL74BI	12323	7657	347
WA	348.0	400	civ			S		E017 55 06	JO89XP	6304	3917	37
WA	350.0	1020				EST		E022 30 32	KO18GG	6609	4107	37
WA	371.0		iW	Nam/FA 2		IW	N53 30 55	E003 25 08	JO13RM	5840	3629	48
WA WA	375.0 726.0		civ	Magadan/Sokol UNID		RUS ?	N59 54 30	E150 49 18	QO59JV	7623	4736	336
WA	742.0	1020	civ	Kursk		-	N51 43 30	E036 21 30	KO81ER	7752	4817	37
WAG	336.0	1020	civ				N52 12 38	E020 48 24	KO01LK KO02JF	6916	4297	43
WAK	490.0			Vakarel			N42 35 00	E023 42 00	KN12UN	7761	4823	50
WAK	795.0	.020		Vayk			N39 40 30	E045 28 18	LM29RQ	9232	5736	40
WAO	412.0	1020		Warsaw/Okecie/Piaseczno		POL	N52 05 52	E021 01 36	KO02MC	6935	4310	43
WAV	203.0			Wave Hill		AUS	S17 23 33	E131 07 16	PH52NO	15910	9886	306
WAY	372.0			Wallaby		AUS	S23 52 27	E134 01 47	PG76AD	16249	10096	296
WB	225.0			Walvis Bay		NMB	S22 58 33	E014 38 03	JG77HA	12061	7494	104
WB	240.0			Xinzhuang		CHN	N31 07 30	E121 20 24	PM01QD	11433	7104	342
WB	257.5			Wonderboom		AFS	S25 39 22	E028 17 57	KG44DI	13325	8280	98
WB	366.0			Woodbourne		NZL	S41 31 01	E173 54 11	RE68WL	14208	8828	246
WB	371.0		iw	Nam/FA 1		IW	N53 26 58	E003 20 34	JO13QK	5839	3628	48
WB	1040.0		civ	Volgodonsk		RUS	N47 41 00	E042 08 00	LN17BQ	8365	5198	36
WBA	356.0	400		Wolverhampton		G		W002 15 42	IO82UM	5538	3441	51
WBD	399.0	1020	mil	Wiesbaden		D		E008 19 43	JO40DB	6320	3927	50
WBL	395.0	4000		Warrnambool				E142 27 13	QF11FR	16484	10243	
WBR	218.0	1020		Warburton Range	Б.	AUS		E126 34 47	PG33GU	16953	10534	
WC	332.0	1020	CIV		ВС			W122 45 00	CN89OA	3328	2068	
WC WC	335.0	0	j. 4.	Worcester (Tetan) Nam/FA 1		AFS IW	S33 39 48 N53 57 41	E019 24 58	JF96QI	13163	8179	
WCh	358.0 326.0	0	iw civ				N56 55 00	E004 29 51 E041 00 30	JO23FX LO06MW	5883 7536	3655 4683	47 31
WCK	344.0	400				G	N58 26 48	W003 03 47	IO88LK	5263	3270	31 44
WCO	335.0	400	CIV	Westcott		G	N51 51 11	W000 57 45	IOGGEN IO91MU	5649	3510	52
	550.0	700				_	.10.01.11		.0011010	50-10	5510	52

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
WCY	320.0	400		UNID		?						
WD	303.5		mar	Mys Nemetskiy/Vaydagubskiy		RUS	N69 57 12	E031 56 00	KP59XW	6230	3871	23
WD	325.0	1020	civ	Volgograd/Gumrak		RUS	N48 45 36	E044 24 24	LN28ES	8377	5206	35
WDH	407.0	1020		Windorah		AUS	S25 24 39	E142 39 48	QG14HO	15711	9762	285
WDN	424.0		iw	Wintershall UK/Windermere		IW	N54 49 54	E002 46 17	JO14JT	5740	3567	47
WE	270.0	980	civ	Wejh		ARS	N26 07 47	E036 31 10	KL86GD	9887	6143	54
WE	380.0	1040		UNID		?						
WEE	380.0	1040		UNID		?						
WF	272.0			Wuji				E114 53 30	OM78KF	10794	6707	
WF	296.0			Xinglin			N24 34 00	E118 01 00	OL94AN	12218	7592	343
WF	312.5			UNID		?						
WF	395.0		civ	Grodno/Obukhovo				E024 03 30	KO23AN	6999	4349	41
WF	395.0			Xiliuhetun			N39 57 00	E116 52 00	OM89KW	10575	6571	348
WF	468.0			UNID		?						
WFD	380.0	400	CiV	Manchester/Woodford		G		W002 09 30	IO83WI	5509	3423	50
WG	221.0	400		Wagga Wagga			S35 09 47	E147 27 20	QF34RU	15931	9899	
WG	248.0	400		Winnipeg	MB			W097 20 57	EN19HV	1513	940	
WG	287.0		CIV	Kurumoch/Samara			N53 33 12	E050 08 54	LO53BN	8191	5090	29
WG	295.0			UNID		?	NI40 40 40	E044 47 40	LNOODT	0000	5000	0.5
WG	325.0		CIV	Volgograd/Gumrak White Grass			N48 48 18	E044 17 12 E169 13 30	LN28DT RH40OM	8368	5200	35
WG WG	398.0		i						JO24IU	13180	8190 3636	
WG	402.0 420.0			Nam		IW	N54 51 06 N38 32 36	E004 41 24 E068 53 06	MM48KN	5851 10337	6423	46 24
WGT	203.0		CIV	Dushanbe Wangaratta		TJK	S36 25 17	E146 18 16	QF33DN	16087	9996	
WH	280.0			Windhoek			S22 29 03	E017 28 13	JG87RM	12248	7610	
WH	591.0		civ	Penza			N53 07 01	E045 01 00	LO23MC	8024	4986	31
WHA	371.0		CIV	Whyalla			S33 03 29	E137 31 27	PF86SW	16611	10322	
WHI	368.5	400	enr	Whitegate for Hawarden		G		W002 37 23	1083QE	5487	3409	50
WI	254.0	1020	Cili	Waiuku		NZL		E174 48 51	RF72JR	13902	8638	
WI	415.0	1020		Vinnitsa			N49 15 00	E028 37 00	KN49HG	7550	4692	42
WI	590.0		civ	Kaluga/Trabtsevo			N54 33 00	E036 22 00	KO84EN	7527	4677	34
WI	780.0			Uray			N60 07 00	E064 50 00	MP20KC	8026	4987	18
WJ	222.0			Moscow/Bykovo		RUS	N55 37 00	E038 04 00	KO95AO	7518	4671	33
WJ	274.0			Wonju		KOR	N37 21 42	E127 54 37	PM37WI	10593	6582	339
WJ	287.0	400	civ	Deline/Ft Frankln	NT	CAN	N65 11 13	W123 25 07	CP85GE	3579	2224	327
WJ	440.0		civ	Mys Schmidta		RUS	N68 54 18	W179 27 24	AP08GV	5910	3672	334
WJ	678.0			Leshukonskoye		RUS	N64 54 01	E045 45 01	LP24VV	7043	4377	23
WJS	374.0			Wee Jasper		AUS	S35 15 26	E148 39 37	QF44HR	15839	9842	267
WK	201.0			Waikabubak		INS	S09 24 42	E119 14 59	019000	15780	9805	329
WK	218.0	400	civ	Wabush	NL	CAN	N52 51 42	W066 50 06	FO62NU	1363	847	39
WK	287.0			Konotop			N51 15 00	E033 09 00	KO61NG	7633	4743	38
WK	297.5			Vyyev Navolok			N69 27 00	E033 05 00	KP69NK	6299	3914	23
WK	323.0		civ	Doha			N25 10 46		LL55TE	10880	6761	43
WK	330.0			Waterkloof			S25 55 10	E028 13 56	KG44CB	13337	8288	98
WK	336.0			Wewak			S03 34 53	E143 40 39	QI16UK	13865	8615	304
WK	339.0	1020	civ	Velikiye Luki				E030 35 00	KO56HH	7125	4427	36
WK	340.0			Hsinshie				E120 49 24	PL04JF	12183	7570	
WK	345.0			Waco Kungo			S11 26 00	E015 06 00	JH78NN	11246	6988	95
WK	362.0			Whakatane			S37 55 29	E176 54 56	RF82KB	13783	8564	
WK	830.0			Groznyj-East			N43 23 00	E045 42 00	LN23UJ	8913	5538	37
WKB	209.0	400		Warracknabeal			S36 19 10	E142 24 41	QF13EQ	16395	10187	
WKP	360.0			Wolfkop			S30 12 01	E017 15 58	JF89PT	12770	7935	
WL	312.5		mar	Mys Van-Ser-Lind				E149 24 00	QN45QN	8986	5584	
WL	315.0	400		Waterkloof	D.C.		S25 51 08	E028 13 33	KG44CD	13332	8284	
WL	385.0	400		Williams Lake	ВС			W121 58 21	CO92AD	3250	2019	
WL	385.0	400	prı	Barrow/Walney Island		G	N54 U/ 32	W003 15 47	IO84ID	5409	3361	50

Call	kHz	Hz	T	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
WL	426.0			Baolong		CHN	N18 29 18	E109 24 18	OK48QL	13038	8102	351
WL	440.0		civ	Pavlodar		KAZ	N52 09 43	E077 01 28	MO82MD	9124	5670	14
WL	490.0			UNID		?						
WLA	313.0			UNID		?						
WLD	265.0			Beni Walid			N31 44 00	E014 01 00	JM71AR	7899	4908	64
WLD	398.0			UNID		?						
WLE	287.0			Williamsdale			S35 33 42	E149 10 41	QF440K	15813	9826	
WLG	374.0			Walgett			S30 01 38	E148 07 26	QF49BX	15583	9683	
WLM	365.0			Williamtown				E151 49 44	QF57VE	15450	9600	
WLN	378.0	400		Arco/Welland		IW	N52 59 04		JO12IX	5824	3619	49
WLU	346.0	1020	civ	Luxembourg			N49 34 04	E006 03 15	JN39AN	6205	3856	52
WLU	383.0			Wiluna			S26 37 29	E120 13 12	PG03CJ	17405	10815	
WM	421.0			Volodymyrets			N51 26 58	E026 07 57	KO31BK	7256	4509	42
WM	468.0	1020	CIV	Moscow/Vnukovo			N55 33 18	E037 13 54	KO85ON	7486	4652	33
WM	514.0			UNID		?	N/44 50 00	E044.07.00	LNIGANIX	0540	5040	00
WM	740.0	400	CIV	Armavir/Tsentralny			N44 58 00	E041 07 00	LN04NX	8548	5312	39
WMD	224.0	400		West Maitland			S32 45 18	E151 31 58	QF57SF	15471	9613	
WN	270.0			Watthana Nakhon			N13 46 07	E102 18 43	OK13DS	13617	8461	
WN WN	298.0			Wellington			S41 20 18 N58 37 00	E174 48 49	RE78JP	14132	8781	
WN	350.0 393.0			Kretsenichy Hwange National Park			S18 38 29	E031 24 00 E026 59 29	KO58QO KH31LI	6995 12731	4347 7910	33 93
WN	393.0	1020	civ	Varna			N43 14 28	E020 39 29	KN33UF	7955	4943	93 47
WN	408.0	1020		Ulyanovsk/Vostochny				E027 44 32 E048 51 30	LO44KK	8061	5009	29
WN	415.0	1020	CIV	Vinnitsa			N49 15 00	E028 37 00	KN49HG	7550	4692	42
WN	458.0	1020	civ	Minsk/Machulishchi			N53 43 24	E027 36 24	KO33TR	7170	4455	39
WN	525.0	1020		Polyarny				E112 05 00	OP66BI	7738	4808	
WN	625.0			Sayanogorsk			N53 05 00	E091 24 24	NO53QB	9223	5731	6
WN	897.0			Rovny			N55 31 00	E091 07 00	NO55NM	8952	5562	5
wo	205.0		0.1	Bulawayo/J. M. Nkomo			S19 59 18	E028 33 14	KH40GA	12952	8048	93
wo	246.0	1020		Wairoa			S39 03 41	E177 24 45	RF80QW	13813	8583	
wo	290.0			UNID		?						
wo	303.0	1020	civ	Wien/Schwechat		AUT	N48 08 51	E016 27 27	JN88FD	6932	4308	49
wo	306.5		mar	Mys Veslovskiy		RUS	N43 39 29	E145 32 38	QN23SP	9330	5797	329
wo	358.0		iw	Nam Ameland AWG1		IW	N53 29 34	E005 56 30	JO23XL	5991	3723	47
wo	880.0	1020		UNID		?						
WOD	352.0	400		Woodley		G	N51 27 10	W000 52 44	IO91NK	5672	3525	52
WOF	308.5		enr	Wolfratshausen		D	N47 56 30	E011 30 36	JN57SW	6642	4127	51
WOL	239.0	400		Wollongong		AUS	S34 33 29	E150 47 28	QF55JK	15631	9713	266
WON	383.0			Wonthaggi		AUS	S38 28 21	E145 37 28	QF21TM	16239	10090	264
WP	306.5			Mys Veprevskiy		RUS	N65 38 00	E039 52 00	KP95WP	6795	4222	24
WP	376.0	400	civ	Amsterdam/Schiphol/Weesp				E005 02 00	JO22MH	5996	3726	49
WP	377.0			Weipa				E141 53 56	QH07WI	14773	9180	299
WP	415.0			Tsentralny/Orenburg				E055 22 54	LO71QT	8550	5313	27
WP	750.0		civ	Krasnodar/Pashkovsky				E039 06 12	KN95NA	8442	5246	40
WPL	323.0	400		Welshpool		G	N52 37 48	W003 09 14	IO82KP	5477	3403	51
WPX	580.5			UNID		?						
WQ	358.0			Inta		RUS	NO0 00 0 :	E000 11 15	LCD 46 6 5	0== :	445=	
WQ	458.0			Veschevo				E029 11 12	KP40OP	6754	4197	32
WR	230.0	4000		Wonderboom			S25 39 13	E028 14 33	KG44CI	13320	8277	98
WR	248.0	1020		Woomera				E136 48 30	PF88JU	16552	10285	
WR	289.0			Chertovitskoye/Vorenezh				E039 10 36	KO910U	7875	4894	35
WR	306.5	^		Mys Voronov				E042 14 00	LP16CM	6801	4226	23
WR	309.5	0	mar	Vorontsovskiy Front/Odessa				E030 45 42	KN56JL	7877	4895	
WR	326.0			Whangarei			S35 46 19	E174 21 42	RF74EF	13848	8604	251
WR	384.0			UNID		?	007.04.50	E440 40 00	Olegip	15700	0044	240
WR	400.0			Surabaya		INS	507 21 58	E112 42 09	OI62IP	15788	9811	340

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
WR	440.0	112	•	Artsiz	O/I		N45 57 00	E029 23 00	KN45QW	7843	4873	44
WR	490.0	1020		UNID		?	1110 07 00	2020 20 00	Tariogri	7010	1010	
WR	526.0	.020	civ	Varna			N43 13 27	E027 54 25	KN33WF	7966	4950	47
ws	235.0			Tainan			N22 56 25	E120 12 47	PL02CW	12338	7666	
ws	278.0	1020		Westport		NZL	S41 44 33	E171 34 48	RE58SG	14390	8942	246
ws	291.0	0	civ	Grenoble/StGeoirs		F	N45 21 48	E005 09 12	JN25NI	6384	3967	56
ws	365.0	400	joi	Söderhamn		S	N61 19 36	E016 56 00	JP81LH	6163	3830	36
ws	390.5	400	enr	Weston for Bristol		G	N51 20 18	W002 56 24	IO81MI	5546	3446	53
ws	445.0	1020		Starokonstantinov		UKR	N49 45 00	E027 17 00	KN39PS	7441	4624	42
ws	524.0	1020	civ	Vitebsk/Vostochny		BLR	N55 06 30	E030 16 36	KO55DC	7200	4474	37
WS	641.0		enr	Vesely		RUS	N47 07 00	E040 43 00	LN07IC	8345	5185	38
ws	730.0		civ	Arkhangelsk/Vaskovo		RUS	N64 27 00	E040 26 00	LP04FK	6906	4291	25
WT	365.0			Vitim			N59 28 00	E112 32 00	OO69GL	8495	5278	354
WT	797.0			UNID		?						
WT	1215.0	400*		Kartino			N55 35 00	E037 47 00	KO85VN	7508	4665	33
WTD	368.0	400	civ			IRL	N52 11 20	W007 05 00	IO62KE	5245	3259	53
WTN	337.0	400	pri	Warton		G		W002 51 08	IO83NS	5449	3386	50
WTN	386.0	400		Winton		AUS	S22 21 55	E143 05 02	QG17NP	15458	9605	
WU	329.0	400	CIV	Umeå		S	N63 43 30	E020 25 12	KP03FR	6185	3843	32
WU WU	382.0 450.0	1020	onr	Wanganui Sosnovka			S39 57 34	E175 01 35 E046 39 00	RF70MA LO34HD	14040 8002	8724 4972	
WU	687.0	1020				RUS	1134 00 00	E040 39 00	LU34ND	0002	4972	30
WÜ	455.0		CIV	Eysk UNID		?						
WUN	419.0	1020	mil	Wunstorf		D	N52 27 33	E009 27 17	JO42RL	6254	3886	47
WUW	355.0	1020	civ			SDN	N07 42 04	E028 00 02	KJ47AQ	10793	6707	72
ww	309.0	1020		Antwerpen/Deurne			N51 11 06	E004 29 08	JO21FE	6021	3741	50
ww	380.0			Palembang		INS	S02 54 19	E104 42 56	OI27IC	15445	9597	
ww	1020.0		enr	Vaganovo		RUS	N54 27 00	E062 19 00	MO14DK	8521	5295	22
WWL	389.0			West Wyalong		AUS	S33 56 08	E147 11 24	QF36OB	15886	9871	270
WX	306.0			Changshengqiao		CHN	N29 30 54	E106 39 36	OL39HM	11852	7364	355
WY	222.0	400	civ	Wrigley	NT	CAN	N63 12 46	W123 25 47	CP83GF	3511	2181	323
WY	247.5			Wolseley		AFS	S33 24 50	E019 11 13	JF9600	13129	8158	110
WY	389.0			Wattay		LAO	N18 00 16	E102 32 45	OK18GA	13147	8169	358
WY	572.0			Wenyan		CHN	N30 07 12	E120 12 00	PM00CC	11569	7189	343
WYM	372.0			Wyndham			S15 30 35	E128 09 05	PH44BL	15925	9896	
WYu	309.5		mar	Vilyuchinskiy				E158 27 00	QO92FO	7966	4950	
WYY	302.0			Wynyard			S40 59 53	E145 42 30	QE29UA	16338	10152	
WZ	230.0			Kamenka				E037 00 00	KO85MF	7503	4662	34
WZ	350.0		CIV	Turkmenbashi				E053 01 17	LN60MA	9565	5944	35
WZ	460.0			Srednebeloye		?	N50 38 00	E128 02 00	PO40AP	9199	5716	343
WZ X	470.0 201.0	400	oiv	UNID Edmonton City Centre/Xray	AB		NE2 20 E0	W113 30 46	DO33FL	2602	1673	205
X	224.0	400 400		Montreal/Mirabel/Xray/S Monique	QC			W073 58 02	FN35AP	2692 477	296	305 64
X	345.0	400		Perm/Bolshoe Savino	QU			E056 03 00	LO87AW	7991	4966	23
X	362.0			Náměšť nad Oslavou				E016 05 36	JN89BE	6844	4252	
X	526.0			UNID		?	1110 1001	2010 00 00	0.10002	0011	1202	.0
X	700.0	1020	civ	Petrozavodsk/Besovets			N61 52 00	E034 08 24	KP71BU	6872	4270	29
X2	329.0	400		Athabasca	AB			W113 12 01	DO34JR	2698	1677	
X5	225.0			Vegreville	AB			W112 01 45	DO33XM	2596	1613	
XA	214.0	1020		Oshima		J	N34 41 20	E139 23 48	PM94QQ	10458	6498	329
XA	438.0	1020	civ	Kirov/Pobedilovo		RUS	N58 30 00	E049 21 00	LO48QM	7717	4795	26
XAA	505.0			UNID		?						
XBE	206.0	400		Bearskin Lake	ON	CAN	N53 57 36	W091 01 59	EO43LX	1401	870	327
XBR	410.0	1020	mil	Brantley/Fort Rucker (Ozark) (Army)	AL			W086 17 35	EM61UN	1494	929	206
XC	242.0	400*	civ	Cranbrook	ВС	CAN	N49 40 57	W115 46 59	DN29CQ	2818	1751	296
XC	662.0			Lugansk-Ostr.		UKR	N48 32 00	E039 24 00	KN98QM	8161	5071	37

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
XCB	260.0	112		Carlisle	PA		N40 11 48	W077 10 28	FN10JE	452	281	155
XCR	404.0	1020	mil	Little Falls/Ripley (Army)	MN			W077 10 20 W094 20 36	EN26TB	1197		287
XD	266.0	400		Edmonton/City Centre	AB			W113 30 47	DO33FP	2695	1675	
XE	257.0	400		Saskatoon	SK			W106 48 50	D0620E	2221	1380	
XEN	395.0	1020		Xenia	ОН			W083 55 48	EM89AR	595	370	
XG	312.5			UNID		?						
XG	338.0	400	civ	Watson Lake/Lakeshore	ΥT	CAN	N60 06 46	W128 47 58	CP50OC	3721	2312	317
XGV	382.0	1020		Fadette/Ft. Rucker	AL	USA	N31 00 00	W085 35 00	EM71EA	1529	950	203
XH	332.0	400	civ	Medicine Hat	AB	CAN	N50 00 47	W110 47 57	DO40OA	2461	1529	297
ΧI	333.0	1020		Christmas Is.		KIR	N01 59 16	W157 21 12	BJ11HX	8888	5523	263
XILA	380.0			UNID		?						
XJ	326.0	400	civ	Fort Saint John	ВС	CAN	N56 17 04	W120 50 41	CO96NG	3204	1991	310
XK	353.0			Pingzhou		CHN	N23 01 12	E113 11 24	OL63OA	12484	7757	348
XM	325.0			Kowa		J	N34 45 07	E136 55 35	PM84LS	10551	6556	
XMX	341.0	1020		Christmas Island			S10 25 59	E105 41 05	OH29UN	16263	10105	351
XN	293.0			UNID		?						
XNB	235.0			Kaposvar				E017 44 07	JN86UJ	7127	4428	50
XNE	281.0	1020		Spring Hill/Ft. Rucker (Army)	AL			W085 58 28	EM71AQ	1471	914	
XO	340.0		CIV	Petrozavodsk/Besovets			N61 49 12	E034 05 54	KP71BT	6874	4271	30
XOB	509.0		<b>_:</b>	UNID		?						
XP XPC	615.0	1000		Selikhino		RUS	007.07.51	W052 20 50	GG32QU	0226	E171	155
XQA	1734.0 236.0	1020 1020	civ	Chapecó	ME	В	S27 07 51	W052 38 58 W069 40 28	FN55DM	8326 796	5174 494	155 74
XR	379.0	1020	CIV	Greenville/Squaw Kastner	IVIL	J	N35 30 54		PM95QM	10376	6447	
XR	615.0			Selikhino				E137 33 00	PO80SJ	8963	5569	
XS	272.0	1020	civ	Prince George	вс			W122 39 15	CO83QT	3297	2049	
XS	314.0	.020	0.1	UNID	20	?	1100 10 12	11122 00 10	00000	0201	20.0	000
XS	365.0	400		Beda No. 1			N28 30 00	E019 00 00	JL98MM	8496	5279	63
XS	515.0			Rostov Na Donu-Centr.				E039 38 00	KN97TG	8277	5143	38
XSD	278.0	1020		Tonopah	NV			W116 49 07	DM17OU	3192	1983	
XT	312.0		civ	Ryazanskaya		RUS	N44 58 00	E039 34 00	KN94SX	8469	5263	40
XT	332.0	1020	civ	Terrace	вс	CAN	N54 22 26	W128 34 59	CO54RI	3684	2289	306
XU	382.0	400	civ	London	ON	CAN	N43 05 29	W081 13 06	EN93JC	168	105	239
XU	514.5	700	mil	Náměšť nad Oslavou		CZE	N49 11 50	E016 04 00	JN89AE	6841	4251	48
XV	350.0			Novy Vasyugan		RUS	N58 35 00	E076 30 00	MO88GN	8432	5239	13
XVG	392.0	1020	civ	Longville	MN	USA	N46 59 40	W094 12 23	EN26VX	1202	747	
XVL	235.0			Vungtau			N10 21 54		OK30NI	13959	8674	
XW	218.0			Vinh				E105 40 02	OK28US	13044	8105	
XW	400.0	1020		Flemingsburg/Flmng	KY			W083 38 49	EM88EN	687		212
XWY	278.0	1020		West Union	IA			W091 46 57	EN42CW	1003		268
XX	344.0	400	CIV	Abbotsford	ВС	CAN ?	N49 UU 56	W122 29 16	CN89SA	3309	2056	295
XX	345.0	400	ois r	UNID Whiteharas	VT		NGO 46 00	W425 06 40	CDOOKS	4070	2520	247
XY XY	302.0 325.0	400	CIV	Whitehorse	ΥT			W135 06 19 E023 16 00	CP20KS KL19PV	4072 8691	2530 5400	
XYC	393.0	1020		Booster Irvine	KY			W084 01 49	EM77XS	783		60 211
XYu	999.0	1020		Biryucha Kosa	KI			E047 36 00	LN35TR	8793	5464	
XZ	205.0	400	civ	Wawa	ON			W084 44 50	EN78PA	615		320
XZ	290.0	.00	0.1	Tyumen/Roschino	0.1			E065 17 24	MO27PF	8328	5175	
Y	257.0	1020	civ	Churchill/Yankee	MB			W093 59 52	EO38AP	1922	1194	
Y	277.0			Goya				W059 12 00	GG00JV	8341	5183	
Υ	327.0	400	civ	Sveg		S		E014 24 12	JP72EB	6007	3733	35
Υ	384.0	400		Ylivieska		FIN		E024 44 18	KP24IA	6346	3944	
Υ	404.0	400		Kemi-Tornio				E024 35 36	KP25HT	6234	3873	
Υ	417.0			Qifengling				E110 19 18	OL55DE	12293	7638	
Υ	509.0		civ	Taraz		KAZ	N42 50 18	E071 19 24	MN52PU	9968	6194	21
Υ	900.0		civ	Kichmengskiy Gorodok		RUS						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
Y	1108.0	• •		Velikiy Ustyug	0/1	RUS			200	1411	••••	
Y8	401.0	400		St Nicephore/Drummondville	QC		N45 50 51	W072 23 56	FN35TU	598	372	66
Y9	220.0	400	civ	Digby	NS	CAN	N44 32 51	W065 47 21	FN74CN	1093	679	81
Ya	568.0			Novyi Urengoi		RUS	N66 04 30	E076 28 00	MP86FB	7637	4745	10
Ya	707.0		civ	Yamburg		RUS	N67 58 00	E075 07 30	MP77NX	7419	4610	10
Ya	749.0		civ	Nizhnekamsk/Begishevo		RUS	N55 34 00	E052 06 00	LO65BN	8080	5021	26
Ya	973.0		civ	Mary-1		TKM	N37 36 30	E061 52 30	MM07WO	10176	6323	30
YA	722.0		civ	Pikhtovka		RUS	N56 00 00	E082 40 00	NO16IA	8807	5472	10
YAA	305.0		mil	Yalova		TUR	N40 33 58	E029 22 19	KN40QN	8259	5132	48
YAC	227.0	400	civ	Cat Lake	ON	CAN	N51 43 54	W091 49 35	EO41CR	1269	788	318
YAC	385.0			Yacuiba		BOL	S21 57 50	W063 39 17	FG88EA	7468	4641	164
YaD	275.0		civ	Novyi Urengoi		RUS	N66 05 06	E076 24 30	MP86EC	7635	4744	10
YaF	535.0			Poduzheme		RUS	N64 55 00	E034 17 00	KP74DW	6655	4135	27
YAG	376.0	400	civ	Fort Frances	ON	CAN	N48 41 23	W093 32 21	EN38FQ	1206	750	301
YaN	345.0		civ	Yamburg		RUS	N67 56 36	E075 09 06	MP77NW	7421	4611	10
YaN	463.0		civ	Severomorsk 3		RUS	N68 52 00	E033 43 00	KP68UU	6358	3951	23
YAQ	200.0	400	civ	Kasabonika	ON	CAN	N53 31 39	W088 37 45	EO53QM	1264	785	331
YaR	510.0			Cheboksary			N56 05 00	E047 21 00	LO36QB	7858	4883	28
YaR	1040.0			Volgodonsk			N47 41 00	E042 08 00	LN17BQ	8365	5198	36
YAR	260.0	1020		Yaritagua			N10 02 59	W069 04 42	FK50LB	3883	2413	
YAS	221.0	400	civ	Kangirsuk	QC			W070 00 17	FP40XA	1904	1183	16
YAS	335.0			Yass			S34 49 42	E149 02 32	QF45ME	15786	9809	
YaT	345.0			Tula/Klokovo			N54 14 00	E037 36 00	KO84TF	7608	4728	34
YAT	260.0	400	civ	Attawapiskat/Wapisk	ON			W082 26 01	EO82SW	1028	639	349
YAU	380.0			lauaretê		В	N00 35 59	W069 11 02	FJ50JO	4903	3047	165
YaV	375.0			Binofeld			N48 27 00	E032 29 00	KN68FK	7817	4858	41
YaV	480.0	4000		Mary-1	Б.О			E061 53 30	MM07WN	10181	6326	30
YAZ	359.0	1020	civ	Tofino	BC		N49 02 49	W125 42 15	CN79DB	3541	2200	
YB	394.0	400	CIV	North Bay	ON		N46 23 04		FN06GJ	277	172	
YBA YBB	245.0 263.0		oiv	Itumbiara	NU	B CAN	S18 26 25 N68 32 06	W049 13 08 W089 47 16	GH51JN EP58CM	7559 2808	4697 1745	
YBE	379.0	400		Pelly Bay/Kugaaruk/Town Site Uranium City	SK			W108 31 03	DO59RN	2621	1628	
YBG	356.0	400 1020		Bagotville (RCAF)	QC			W071 08 45	FN48KI	809	503	50
YBL	203.0	400		Campbell River	BC		N50 00 23	W125 21 27	CO70HA	3502	2176	
YBM	230.0	400		St-Bruno-de-Guigues	QC		N47 27 07		FN07GK	395	246	0
YBV	370.0			Berens River	MB		N52 21 15	W097 01 28	EO12LI	1604	997	
YC	306.0	100		Molunat			N42 27 06	E018 25 36	JN92FK	7440	4623	53
YC	344.0	400		Calgary	AB		N51 04 51		DO31BB	2688	1671	300
YC	662.0		0	Lugansk-Ostr.				E039 24 00	KN98QM	8161	5071	37
YCD	251.0	1020	civ	Nanaimo/Cassidy	ВС			W123 52 18	CN89BD	3408	2117	
YCh	445.0			Kichmengskiy Gorodok		RUS						
YCO	372.0	400		Kugluktuk/Coppermine	NU		N67 49 16	W115 05 53	DP27KT	3380	2100	334
YCS	341.0	400		Chesterfield Inlet	NU	CAN	N63 20 18	W090 43 48	EP43PI	2281	1417	345
YCY	256.0	400	civ	Clyde River	NU	CAN	N70 29 07	W068 31 36	FQ50RL	3023	1878	8
YD	230.0	1020		Smithers	ВС	CAN	N54 44 51	W127 06 28	CO64KR	3588	2230	307
YDL	200.0	400	civ	Dease Lake	ВС	CAN	N58 27 14	W129 59 46	CO58AK	3774	2345	314
YDM	218.0		civ	Ross River	ΥT	CAN	N61 58 24	W132 25 36	CP31SX	3937	2447	320
YDP	247.0	400	civ	Nain	NL	CAN	N56 32 01	W061 41 31	FO96DM	1882	1169	35
YE	382.0	400	civ	Fort Nelson	ВС	CAN	N58 47 45	W122 43 21	CO88PT	3359	2087	315
YEK	329.0	400	civ	Arviat/Eskimo Point	NU	CAN	N61 05 57	W094 04 08	EP21XC	2145	1333	338
YEL	276.0	400	civ	Elliot Lake	ON	CAN	N46 22 18	W082 37 42	EN86QI	371	231	319
YER	334.0	400	civ	Fort Severn	ON	CAN	N55 59 36	W087 38 21	EO65EX	1466	911	340
YEU	205.0		civ	Eureka	NU	CAN	N79 59 27	W085 53 54	EQ79BX	4031	2504	358
YFA	216.0	400		Fort Albany	ON	CAN	N52 12 22	W081 41 41	EO92DE	939	583	351
YFB	511.0			UNID		?						
YFH	266.0	400		Fort Hope	ON	CAN	N51 33 51	W087 54 26	EO61BN	1061	659	326

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
YFM	332.0	400	civ	La Grande 4	QC	CAN	N53 42 42	W073 42 11	FO33DR	1170	727	19
YFT	339.0	400	civ	Makkovik	NL	CAN	N55 04 50	W059 11 18	GO05JB	1912	1188	42
YFY	204.0	400	civ	Iqaluit/Frobisher Bay	NU	CAN	N63 44 00	W068 32 53	FP53RR	2314	1438	14
YG	347.0	400	civ	Charlottetown/Rocky Point	PEI	CAN	N46 11 32	W063 08 54	FN86KE	1308	813	73
YG	396.0	400	mil	Rygge/Enge		NOR	N59 22 08	E010 49 46	JO59JI	5967	3708	39
YGK	263.0	400	civ	Kingston	ON	CAN	N44 17 48	W076 36 20	FN14QH	233	145	78
YGN	265.0			Yangon		BRM	N17 04 35	E096 14 17	NK87CB	13239	8226	5
YGO	343.0	400	civ	Gods Lake Narrows	MB	CAN	N54 33 21	W094 28 56	EO24SN	1607	998	323
YGT	241.0	400	civ	Igloolik	NU	CAN	N69 22 46	W081 48 28	EP99CJ	2841	1765	358
YGV	344.0	400	civ	Havre-St-Pierre	QC	CAN	N50 15 53	W063 39 54	FO80EG	1389	863	54
YGX	212.0	400		Gillam	MB	CAN	N56 21 12	W094 42 00	EO26PI	1755	1090	328
YGZ	365.0	400	civ	Grise Fiord	NU	CAN	N76 25 24	W082 53 15	EQ86NK	3627	2254	359
YH	223.0			Yelahanka		IND	N13 09 05	E077 36 56	MK83TD	13275	8249	26
YHD	413.0	400	civ	Dryden Regional	ON	CAN	N49 51 52	W092 50 57	EN39NU	1215	755	308
YHK	236.0	400	civ	Gjoa Haven	NU	CAN	N68 37 34	W095 51 30	EP28BP	2913	1810	347
YHN	329.0	400	civ	Hornepayne	ON	CAN	N49 12 32	W084 39 32	EN79QF	712	443	328
YHR	276.0	400	civ	Chevery	QC	CAN	N50 27 53	W059 38 04	GO00EL	1664	1034	57
ΥI	275.0			Ruyigi		BDI	S03 28 29	E030 14 53	KI56CM	11851	7364	78
ΥI	359.0	1020	civ	Ypsilanti/Yipps	MI	USA	N42 10 27	W083 37 17	EN82EE	389	242	242
YIF	201.0	400		Saint Augustin	QC	CAN	N51 11 20	W058 39 07	GO01QE	1755	1091	55
YIK	225.0	400	civ	Ivujivik	QC	CAN	N62 24 49	W077 55 38	FP12AJ	2063	1282	2
YIO	214.0	400	civ	Pond Inlet	NU	CAN	N72 41 35	W077 57 03	FQ12AQ	3208	1994	1
YIV	300.0	400	civ	Island Lake	MB	CAN	N53 51 14	W094 39 12	EO23QU	1565	972	320
ΥJ	200.0	1020	civ	Victoria/Sydney	ВС	CAN	N48 38 39	W123 23 58	CN88HP	3380	2100	295
ΥJ	817.0	1020		UNID		?						
YJF	368.0	400		Fort Liard	NT	CAN	N60 14 18	W123 27 56	CP80GF	3431	2132	318
YJI	237.0	400	civ	Broughton Island/Qikiqtarjuaq	NU	CAN	N67 33 43	W064 01 03	FP77XN	2789	1733	14
YJQ	325.0	1020	civ	Bella Bella	BC	CAN	N52 11 07	W128 06 49	CO52WE	3669	2280	302
YK	269.0	400*	civ	Castlegar/Brilliant	ВС	CAN	N49 19 31	W117 38 06	DN19EH	2953	1835	295
YK	347.0	1020	civ	Yankton/Cagur	SD	USA	N42 50 37	W097 18 07	EN12IU	1448	900	272
YK	371.0	1020	civ	Yakima/Donny	WA	USA	N46 31 32	W120 22 20	CN96TM	3191	1983	290
YK	398.5			Douala		CME	N03 58 29	E009 47 01	JJ43VX	9646	5994	88
YK	489.0			Dawangzhuang		CHN	N39 11 30	E116 34 18	OM89GE	10663	6626	348
YK	825.0	400	civ	Buinsk		RUS	N54 59 00	E048 16 00	LO44DX	7991	4965	29
YKA	223.0	1020	civ	Kamloops	BC	CAN	N50 41 01	W120 20 07	CO90TQ	3140	1951	299
YKD	208.0	400	civ	Aklavik	NT	CAN	N68 13 35	W135 00 52	CP28LF	4162	2586	330
YKG	358.0	400	civ	Kangiqsujuaq	QC	CAN	N61 35 27	W071 55 43	FP41AO	2031	1262	12
YKO	265.0	400	civ	Akulivik	QC	CAN	N60 49 10	W078 09 17	FP00WT	1885	1171	2
YKO	363.0			Yamoussoukro		CTI	N06 50 49	W005 24 58	IJ76HU	8207	5100	96
YKQ	351.0	400	civ	Waskaganish	QC	CAN	N51 29 13	W078 44 41	FO01PL	846	526	3
YKX	201.0	400		Kirkland Lake	ON			W079 52 11	FN08BF	482	300	356
YL	336.0			Yola			N09 16 01		JJ69FG	9454	5874	82
YL	395.0	400		Lynn Lake	MB		N56 49 51		DO96LT	2089	1298	321
YL	1030.0			Taraz				E071 20 54	MN52QT	9971	6196	21
YLA	248.0		civ	Aupaluk	QC	CAN	N59 18 11		FO59EH	1841	1144	18
YLA	330.0	1020		Ilha/Rio de Janeiro		В		W043 10 35	GG87JF	8260		145
YLB	272.0	400	civ	Lac La Biche	AB			W112 00 12	DO34XS	2624	1630	309
YLC	277.0	400		Kimmirut/Lake Harbour	NU		N62 51 04		FP52BU	2198	1366	13
YLD	335.0	400		Chapleau	ON		N47 45 21		EN87HS	528	328	326
YLH	247.0	400	civ	Landsdowne House	ON			W087 56 13	EO62AE	1117		329
YLH	305.0	1020		Ilhéus		В	S14 48 44		HH05LE	7688	4777	
YLJ	406.0	400		Meadow Lake	SK			W108 39 00	DO54QD	2396	1489	309
YLL	241.0	400		Lloydminster	AB			W110 04 57	DO43XH	2464	1531	306
YLQ	289.0	400	civ	La Tuque	QC			W072 47 11	FN37OJ	650	404	51
YLU	295.0	400		Kangiqsualujjuaq	QC		N58 42 26		FO78AQ	1889	1174	25
YM	198.0			Zhonghe		CHN	N36 14 06	E103 48 00	OM16VF	11124	6912	357

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
YMG	219.0	400	civ	Manitouwadge	ON	CAN	N49 02 55	W085 54 03	EN79BB	756	470	322
YMH	250.0	400	civ	Mary's Harbour	NL	CAN	N52 18 55	W055 49 57	GO22CH	1980	1231	54
YMO	269.0		joi	Yamoussoukro		CTI	N06 55 41	W005 20 38	IJ76HW	8207	5099	96
YMS	340.0			Yurimaguas		PRU	S05 53 00	W076 05 00	FI14WC	5523	3432	176
YMU	230.0	400		Umiujaq	QC	CAN	N56 32 13	W076 31 23	FO16RM	1421	883	7
YMW	366.0	400	civ	Maniwaki	QC	CAN	N46 12 27	W075 57 23	FN26AE	377	234	46
YMY	242.0	400	civ	Ear Falls	ON	CAN	N50 43 15	W093 22 44	EO30HR	1294	804	311
YN	295.0			Vasilkov		UKR	N50 14 00	E030 18 00	KO50DF	7566	4701	41
YN	334.0	0	civ	La Roche-sur-Yon		F	N46 41 21	W001 17 11	IN96IQ	5878	3652	58
YN	338.0	1020	civ	Youngstown/Fetch	ОН	USA	N41 12 02	W080 35 46	EN91QE	314	195	198
YNC	385.0	400	civ	Wemindji	QC	CAN	N53 00 30	W078 49 27	FO03OA	1014	630	2
YNE	207.0	400	civ	Norway House	MB	CAN	N53 58 20	W097 50 25	EO13BX	1743	1083	317
YNG	269.0	400		Young		AUS	S34 15 00	E148 14 46	QF45CR	15819	9829	268
YNP	290.0			Managua		NCG	N12 08 29	W086 10 36	EK62VD	3578	2223	192
YNS	368.0			Yaounde Nsimalen		CME	N03 44 45	E011 33 26	JJ53SR	9806	6093	87
YO	287.0			Yaounde		CME	N03 54 05	E011 33 06	JJ53SV	9793	6085	86
YO	722.0		enr	Biryucha Kosa		RUS	N45 43 00	E047 36 00	LN35TR	8793	5464	35
YOC	284.0		civ	Old Crow	ΥT	CAN	N67 34 16	W139 50 47	CP07BN	4352	2704	328
YOD	398.0	1020		Cold Lake	AB	CAN	N54 23 49	W110 16 18	DO44UJ	2505	1557	309
YOG	300.0	400		Ogoki Post	ON		N51 39 38	W085 54 07	EO71BP	988	614	
YON	360.0			Oyon			S10 39 01	W076 46 02	FH19OI	6046	3757	177
YOP	344.0	400	civ	Rainbow Lake	AB		N58 27 24	W119 15 06	DO08IK	3154	1960	315
YP	299.0		mar	Kamenjak				E013 54 54	JN64WS	6993	4345	53
YP	317.0			Yap			N09 29 08	E138 04 49	PJ99AL	12991	8072	
YPC	276.0		civ	Paulatuk	NT		N69 21 03	W124 04 31	CP79XI	3782	2350	
YPI	1645.0			Yaupi			S02 51 00	W077 53 00	FI17BD	5180	3218	
YPL	382.0	400	civ	Pickle Lake	ON		N51 26 31	W090 13 20	EO41VK	1163	723	320
YPM	274.0	400	civ	Pikangikum	ON		N51 49 23	W093 58 24	EO31AT	1394	866	314
YPO YPP	401.0 303.0	400 400		Peawanuck Parent	ON QC		N54 59 28 N47 53 22	W085 26 35 W074 40 20	EO74GX FN27PV	1307 579	812 360	343 38
YPQ	379.0	400		Peterborough	ON		N47 55 22 N44 12 47		FN04SF	88	54	66
YPT	1618.0	1020		Ipatinga/Santana do Paraiso/Usiminas	ON	В	S19 27 47	W070 27 29 W042 28 46	GH80SM	7964	4948	143
YPW	382.0	1020		Powell River	вс		N49 50 12		CN79RU	3443	2140	297
YPX	338.0	400		Puvirnituq	QC	CAN	N60 02 38	W077 16 46	FP10IB	1803	1120	4
YQ	256.0	1020	0	Yokoshiba	40	J	N35 40 57		QM05FQ	10316	6410	
YQ	305.0	400	civ	Churchill/Eastern Creek	MB	CAN	N58 45 45	W093 57 14	EO38AS	1929	1199	334
YQA	272.0	400	civ	Muskoka	ON	CAN	N45 02 21	W079 16 58	FN05IA	128	79	6
YQF	320.0	400	civ	Red Deer	AB	CAN	N52 07 42	W113 53 58	DO32BD	2698	1676	302
YQK	326.0	400	civ	Kenora	ON	CAN	N49 47 33	W094 25 28	EN29ST	1313	816	305
YQZ	359.0	1020	civ	Quesnel	ВС	CAN	N52 57 38	W122 29 10	CO82SX	3284	2041	303
YR	257.0	400	civ	Goose Bay	NL	CAN	N53 20 16	W060 21 57	FO93TI	1747	1086	46
YR	325.0			UNID		?						
YRC	213.0	400		Chicoutimi/St. Honore	QC	CAN	N48 32 10	W071 09 30	FN48KM	822	510	48
YRQ	205.0	400	civ	Trois Rivières	QC	CAN	N46 22 09	W072 39 55	FN36QI	601	373	60
YRR	377.0	400		Ottawa/Greely	ON	CAN	N45 16 06	W075 34 25	FN25FG	344	214	62
YS	396.5			Yeosu		KOR	N34 50 41	E127 36 40	PM34TU	10866	6752	338
YS	545.0		civ	Velikiy Ustyug		RUS						
YSF	287.0	400		Stony Rapids	SK			W105 50 10	DO79BG	2472	1536	323
YSH	334.0	400		Smiths Falls	ON			W076 00 38	FN14XV	297	184	
YSJ	235.0			Yasouj				E051 32 57	LM50SQ	10365	6440	41
YSK	208.0	400		Sanikiluaq/Belcher Islands	NU			W079 12 48	FO06JM	1407	874	1
YSL	404.0	400		St. Leonard	NB			W067 52 11	FN67BE	976	606	64
YSQ	260.0	400		Atlin	ВС		N59 37 34		CO39DP	3990	2479	
YSR	382.0		civ	Nanisivik	NU			W084 31 59	EQ72RX	3250	2019	
YSX	215.0	1020		llopango				W089 07 03	EK53KQ	3472	2157	
YSY	321.0	400	civ	Sachs Harbour	NT	CAN	N71 59 29	W125 18 53	CQ71IX	3952	2456	338

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
YT	235.0	ПZ		Inyathi/J M Nkomo	3/F		S19 40 27	<b>Long</b> E028 50 52	KH40KH	12954	8049	92
YT	260.0	400	civ	St John's/Torbay	NL		N47 40 11		GN37OQ	2104	1307	69
YT	302.0	400		Antalya	INL		N36 52 34		KM56JV	8638	5367	50
YT	370.0		civ	Usinsk			N66 00 00		LP86QA	7271	4518	18
YT	890.0			Krapivinskiy		RUS		E086 49 00	NO34JX	8970	5574	8
YT	1030.0		Cili	UNID		?	1104 00 00	2000 40 00	1100-1070	0010	0014	Ū
YT	1110.0			UNID		?						
YTA	409.0	400	civ	Pembroke	ON		N45 48 10	W077 13 09	FN15JT	276	172	39
YTC	320.0	1020	0	Itacoatiara	0.1	В	S03 07 11	W058 28 53	GI06SV	5613	3488	152
YTE	332.0	400	civ		NU		N64 13 43	W076 31 41	FP14RF	2271	1411	4
YTF	253.0	400	0	Alma	QC		N48 30 28	W071 38 58	FN48EM	791	491	47
YTJ	250.0	400	civ	Terrace Bay	ON		N48 47 42	W087 09 42	EN68KT	804	500	315
YTL	328.0	400	civ	Big Trout Lake	ON		N53 48 55	W089 54 46	EO53BT	1341	833	329
YTN	235.0	1020		Itamarati Norte/Campo Novo dos Parecis		В	S14 14 33	W057 59 27	GH15AS	6797	4224	156
YTQ	212.0	400		Tasiujaq	QC	CAN	N58 40 13	W069 56 51	FO58AQ	1769	1099	18
YTR	215.0	980	mil	Trenton (RCAF)	ON	CAN	N44 11 37	W077 24 12	FN14HE	168	104	78
YTT	415.0			Itataia		В	S04 35 07	W039 37 49	HI05EJ	6686	4154	133
YTZ	390.0			Imperatriz		В	S05 32 04	W047 27 26	GI64GL	6346	3943	141
Yu	568.0		civ	Novyi Urengoi		RUS	N66 03 30	E076 33 00	MP86GB	7640	4747	10
Yu	749.0		civ	Nizhnekamsk/Begishevo		RUS	N55 34 00	E052 06 00	LO65BN	8080	5021	26
Yu	1252.0		civ	Noyabrsk		RUS	N63 12 00	E075 17 00	MP73PE	7923	4923	12
YU	249.0			Yokosuka		J	N35 11 57	E139 36 53	PM95TE	10398	6461	329
YU	365.0			Kasan		UZB	N39 02 00	E065 35 00	MM29TA	10173	6321	26
YU	380.0			Hualien		TWN	N24 01 04	E121 37 38	PL04TA	12184	7571	340
Yu	890.0		civ	Komsomolsk-Na-Amure/Khurba		RUS	N50 23 18	E136 56 18	PO80LJ	8981	5581	338
YUB	250.0			Itaituba		В	S04 14 26	W056 00 17	GI15XS	5826	3620	150
YuC	275.0			Novyi Urengoi		RUS		E076 37 42	MP86HB	7641	4748	10
YuC	615.0		civ	Noyabrsk				E075 18 54	MP73PF	7920	4921	12
YuG	294.5			Mys Lounatarvi/Ostrov Gogland				E027 00 36	KP30MA	6703	4165	34
YuG	315.5			Yuzhno-Glubokiy		RUS		E166 53 00	RP30KE	6999	4349	329
YuK	324.5			Mys Yuzhno-Kurilskiy			N44 01 00		QN24WA	9282	5768	329
YuL YuL	370.0 440.0		civ				N66 00 00	E057 22 00 E136 56 42	LP86QA PO80LI	7271 8984	4518 5582	18 337
YuR	520.0		CIV	Komsomolsk-Na-Amure/Khurba Shaykovka				E034 22 00	KO74EF	7460	4636	36
YuS	535.0			Poduzheme			N64 55 00		KP74DW	6655	4135	27
YUT	335.0	400	civ	Repulse Bay	NU		N66 31 42		EP66VM	2553	1586	353
YUY	218.0	400	civ	Rouyn-Noranda	QC		N48 10 22		FN08ME	477	296	5
YuZ	420.0	100	civ	Orsk	QU			E058 36 00	LO91HG	8712	5414	25
YV	290.0		0	UNID		?			2000	· · · -	•	
ΥV	290.0		mar	Movar		HRV	N43 30 18	E015 58 18	JN73XM	7210	4480	53
ΥV	318.0	400		Ylivieska		FIN		E024 47 40	KP23JX	6352	3947	31
YV	514.0			Tanghekou		CHN	N40 44 00	E116 38 00	ON80HR	10494	6521	348
YVB	243.0	400		Bonaventure	QC		N48 06 13		FN78FC	1171	728	62
YVL	343.0	400	civ	Yeovil/Westland		G	N50 56 30	W002 39 48	IO80QW	5581	3468	53
YVZ	201.0	400	civ	Deer Lake	ON	CAN	N52 38 56	W094 03 26	EO22XP	1452	902	317
YW	326.0	400	iw	DUC Tyra West A		IW	N55 42 59	E004 45 00	JO25JR	5814	3613	45
YWA	516.0	1020	mil	Petawawa (RCAF)	ON	CAN	N45 53 41	W077 16 18	FN15IV	281	175	37
YWB	389.0	400		Kelowna/Westbank	ВС	CAN	N49 48 38	W119 37 50	DN09ET	3094	1923	297
YWE	389.0			Yarrowee			S37 44 32		QF12VG	16355	10163	266
YWO	205.0	400		Lupin	NT		N65 45 14		DP45JS	3109	1932	332
YWP	355.0	400		Webequie	ON		N52 57 38	W087 22 05	EO62HX	1164		333
YXK	373.0	400	civ	Rimouski	QC		N48 28 40		FN58RL	986	613	55
YXL	346.0	400		Sioux Lookout	ON		N50 07 05	W091 53 53	EO40BC	1170	727	
YXN	256.0	400			NU		N62 14 09	W092 36 04	EP32QF	2213		342
YXP	218.0	400	civ	Pangnirtung Pangnirtung	NU		N66 08 38	W065 42 22	FP76DD	2614	1625	14
YXQ	239.0		CIV	Beaver Creek	ΥT	CAN	No2 24 32	W140 51 42	BP92NJ	4378	2720	320

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
YXR	257.0	400	civ	Earlton	ON		N47 42 43	W079 47 28	FN07CR	425	264	357
YY	340.0	400		Mont Joli	QC	CAN	N48 34 00	W068 15 31	FN58UN	1006	625	55
YYF	290.0	1020	civ	Penticton	ВС	CAN	N49 29 16	W119 36 05	DN09EL	3095	1923	296
YYH	290.0	400	civ	Taloyoak/Spence Bay	NU	CAN	N69 32 28	W093 31 33	EP39FM	2965	1843	349
YYU	341.0	400	civ	Kapuskasing/Kasing	ON	CAN	N49 27 53	W082 30 21	EN89RL	661	411	341
YYW	223.0	400		Armstrong	ON	CAN	N50 18 28	W089 01 20	EO50LH	1016	631	318
YZ	263.0	400		3Z-263	MB	CAN	N50 45 51	W101 17 47	DO90IS	1810	1125	303
YZ	275.0			Nanchong		CHN	N30 41 24	E106 06 12	OM30BQ	11726	7286	355
YZ	344.0			Yaizu		J	N34 49 20	E138 17 22	PM94DT	10490	6518	330
YZ	396.0			Ekibastuz				E075 15 48	MO71PO	9146	5683	16
YZA	236.0	1020		Ashcroft	ВС			W121 19 18	CO90IQ	3209	1994	299
YZD	402.0			Yazd Shahid Sadooghi		IRN	N31 54 13	E054 17 14	LM71DV	10391	6457	38
YZE	245.0	400	civ	Gore Bay/Manitoulin Is.	ON	CAN	N45 55 42	W082 36 55	EN85QW	336	209	313
YZG	375.0	400	civ	Salluit	QC		N62 10 46	W075 40 38	FP22DE	2050	1274	6
YZH	343.0	400	CIV	Slave Lake	AB		N55 17 54	W114 46 23	DO25OH	2810	1746	309
YZS YZX	362.0 266.0	400 1020	mil	Coral Harbour Greenwood (RCAF)	NU NS		N64 08 55 N44 55 22	W083 18 17 W065 06 07	EP84ID FN74KW	2267 1148	1409 713	355 79
Z	169.0	1020	civ		NO		N51 48 42	E107 28 36	0031RT	9379	5828	356
Z	208.0		civ	Vozdvizhenka			N43 55 30	E131 57 00	PN53XW	9791	6084	
Z	213.0		civ	Mary-1		TKM	1440 00 00	L131 37 00	11100/11	3731	0004	550
Z	259.0			Yuzhny/Tashkent		UZB	N41 15 10	E069 14 53	MN41OG	10070	6257	23
Z	282.0			Santa Cruz		ARG		W068 32 36	FD59RX	10458	6498	173
Z	303.0		civ	Fergana		UZB	N40 22 00	E071 45 00	MN50VI	10238	6361	22
Z	310.0			Cataratas del Igauzu		ARG	S25 44 53	W054 26 52	GG24SG	8123	5047	157
Z	335.0	1020	civ	Ibiza		Ε	N38 53 02	E001 23 58	JM08QV	6508	4044	65
Z	345.0		civ	Khanty-Mansiysk		RUS	N61 01 30	E069 06 00	MP41NA	8032	4991	15
Z	395.0			Mariano Moreno		ARG	S34 32 18	W058 48 00	GF05OL	8934	5552	163
Z	409.0	400	civ	Pyhäsalmi		FIN	N63 44 00	E025 56 00	KP23XR	6414	3986	30
Z	508.0	1020	civ			SVK		E018 35 48	JN99HF	6988	4342	47
Z	553.0			Chita		RUS	N52 01 48	E113 16 12	OO62PA	9305	5782	
Z	681.0			Khatanga			N71 58 00	E102 32 00	OQ11GX	7153	4444	
Z	805.0		civ	Yerevan/Zvarnots			N40 08 49	E044 21 44	LN20ED	9133	5675	40
Z	880.0		civ	Nukus		UZB	N42 28 00	E059 38 30 E046 17 48	LN92TL LN30DR	9610	5971 5703	29 38
Z Z	985.0 1035.0			Gyandzha Nefteyugansk		AZE RUS	N40 44 48 N61 07 00	E046 17 46 E072 37 30	MP61HC	9178 8094	5029	30 14
Z	1252.0			Noyabrsk			N63 10 00	E075 15 00	MP73PE	7925	4925	12
Z1	305.0	400	civ	Three Hills	AB			W113 13 00	DO31JU	2648	1645	
Z5	274.0	400	civ	Vulcan	AB			W113 16 59	DO30IJ	2640	1640	298
Z6	212.0	400		Golden	BC		N51 17 48	W116 59 06	DO11MH	2904	1805	300
<b>Z</b> 7	408.0	400	civ	Claresholm	AB	CAN	N50 00 10	W113 38 13	DO30EA	2664	1655	297
ZA	295.0			Zaporizhzhia		UKR	N47 49 17	E035 17 18	KN77PT	8013	4979	40
ZA	336.0			Zaria		NIG	N11 08 17	E007 41 56	JK31UD	8934	5552	84
ZA	375.0			Batagay		RUS	N67 36 18	E134 37 48	PP77HO	7313	4544	346
ZA	420.0	400		UNID		?						
ZA	564.0			UNID		?						
ZA	1661.0			North Star I		В		W039 03 45	HI07LD	6561	4077	
ZAB	215.0	400		Edmonton Intl/Leduc	AB			W113 29 22	DO33GF	2686	1669	
ZAG	367.0	1020		Zagreb/Pleso				E016 18 40	JN85DV	7071	4394	51
ZAJ	321.0			Zanjan		IRN		E048 21 47	LM46ES	9641	5991 6715	39
ZAL ZAR	295.0 268.0	400		Zabol Zarzaitine/In Amenas		IRN		E061 32 24 E009 37 52	MM01SC JL48TB	10806 7839	6715 4871	33 70
ZAK ZAT	326.0	400		Zakinthos				E009 37 52 E020 52 58	KM07KR	7937	4932	70 55
ZB	215.0		CIV	Zambezi				E020 52 56 E023 06 59	KH16NL	12046	7485	91
ZB	245.0			Zhob				E069 27 17	MM41RJ	11091	6891	27
ZBD	373.0			Zakum				E053 36 00	LL64TT	11022	6849	42
ZBM	343.0	400		East Farnham/Bromont	QC			W072 47 47	FN35OF	550	342	72

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ZBN	435.0	1020	civ	Zweibrücken	3/2	D	N49 13 39	<b>Long</b> E007 25 00	JN39RF	6310	<b>mi</b> 3921	51
ZC	365.0	1020		Millau/Larzac		F		E007 23 00 E003 13 18	JN13OW	6335	3936	59
ZCA	233.0	400		Blackfoot/Calgary	AB		N51 01 59	W114 01 16	DO21XA	2696	1675	299
ZCC	302.0			Chub Cay			N25 25 00		FL15BK	2055	1277	176
ZCH	257.0		civ	Beluga/Churchill	MB		N58 39 56		EO38AP	1922	1194	334
ZD	224.0		civ	Zahedan		IRN	N29 28 16	E060 53 46	ML09KL	10938	6796	34
ZD	349.0		civ	Ulan-Ude/Mukhino		RUS	N51 49 12	E107 31 24	OO31ST	9377	5827	356
ZD	955.0	400*	enr	Divin		BLR	N51 57 00	E024 35 00	KO21HW	7138	4436	42
ZDH	385.0	400	civ	Toronto/Rexdale	ON	CAN	N43 44 17	W079 34 17	FN03FR	20	12	208
ZDV	201.0	400	civ	Montreal/Valois/Dorval	QC	CAN	N45 27 15	W073 46 26	FN35CK	483	300	67
ZDX	369.0	1020		St. Johns/V. C. Bird		ATG	N17 09 31	W061 47 33	FK97CD	3398	2112	145
ZE	264.0			Gabiro			S01 32 09	E030 24 00	KI58EL	11711	7277	77
ZE	304.0			UNID		?						
ZE	615.0		civ	Noyabrsk			N63 08 30	E075 13 36	MP73OD	7928	4926	12
ZEF	326.0	1020		Elkin/Zephyr	NC			W080 43 24	EM96PH	849	527	188
ZEF	328.0	400		Great Exuma	4.5		N23 33 19		FL23BN	2280	1417	171
ZEG	379.0	400	civ		AB		N53 23 43		DO33GJ	2689	1671	305
ZEL ZEM	363.0 338.0	400	oiv.	Zelten Eastmain River	00		N28 57 12 N52 13 50	E019 46 18 W078 31 03	JL98VW FO02RF	8517 929	5292 578	63
ZEM	359.0	400	CIV	Zemmouri	QC		N36 47 46		JM16ST	6796	4223	4 65
ZET	292.0		civ		AB			W113 40 21	DO33DI	2700	1678	305
ZF	300.0	400	CIV	Timika	AD		S04 31 38	E136 53 21	PI85KL	14385	8938	310
ZF	332.0			Nizhnij Tagil				E060 15 00	MO07DX	8114	5042	21
ZF	356.0	400	civ	Yellowknife	NT			W114 26 04	DP22SJ	3051	1896	325
ZF	369.0			Hekou				E114 26 00	OM71FH	11556	7180	348
ZFA	378.0	400	civ	Faro	ΥT	CAN	N62 12 43	W133 23 13	CP32HF	3990	2479	320
ZFD	233.0		civ	Fond-du-Lac	SK	CAN	N59 20 25	W107 11 14	DO69JI	2543	1580	322
ZFM	373.0		civ	Fort McPherson	NT	CAN	N67 24 37	W134 52 25	CP27NJ	4139	2572	328
ZFN	392.0	400	civ	Tulita/Ft. Norman	NT	CAN	N64 54 24	W122 33 54	CP84RV	3530	2194	326
ZFP	209.0			Freeport		BAH	N26 31 09	W078 46 29	FL06OM	1929	1199	178
ZFT	284.5			Zifta		EGY	N30 43 00	E031 15 00	KM50PR	9164	5694	54
ZG	375.0			Waghete		INS	S04 02 37		PI85DW	14377	8934	311
ZG	445.0	1020		Szeged				E020 05 26	KN06BH	7276	4521	49
ZG	475.0		enr	Petrovskoye				E040 11 00	LO01CR	7932	4929	35
ZG ZO	525.0			Kharasavey				E066 54 30	MQ31KF	6960	4325	12
ZG ZGB	905.0 224.0		eni	Zelenga Governors Harbour				E048 37 00 W076 19 00	LN46HE FL15UG	8797 2087	5466 1297	34 171
ZGP	455.0			Godziny Pracy				E015 27 59	J071RX	6631	4121	46
ZH	295.0			Tanah Merah				E140 16 00	QI03DV	14315	8895	306
ZHA	397.0	400	civ	Hamilton/Ancaster	ON			W080 01 43	EN93XE	90	56	211
ZHD	399.0	400		Dryden/Thunder/Barclay	ON		N49 48 04	W092 38 42	EN39QT	1198	745	308
ZHM	266.0	400	civ	Hamilton/Binbrook	ON		N43 08 39		FN03CD	88	55	198
ZHT	236.0	400	civ	Winnipeg Intl/Forks	MB	CAN	N49 50 02	W097 08 39	EN19KU	1497	930	302
ZHU	407.0	400		Montreal/Hauts-Bois	QC	CAN	N45 33 51	W073 20 48	FN35HN	518	322	67
ZHZ	364.0	400	civ	Halifax/Split Crow	NS	CAN	N44 48 08	W063 35 23	FN84ET	1267	787	80
ZI	325.0			Teminabuan		INS	S01 26 41	E132 01 14	PI68AN	14374	8931	
ZI	1674.0			Petrobras III		В	S21 35 38	W040 30 12	GG98RJ	8268	5138	143
ZIG	340.0			Leipzig		D		E012 16 50	JO61DK	6479	4026	47
ZIN	376.0	1020	civ	•				W073 40 39	FL30DX	2599	1615	166
ZIP	294.0	1020		Zipaquira			N05 01 06		FJ35AA	4341	2697	171
ZIY	344.0	1020		Georgetown/Grand Cayman			N19 17 09		EK99HG	2735	1699	184
ZJ Z I	270.0		ois r	Zaranj Khanty Mansiyek				E061 56 00	MM01XC	10823	6725	33 15
ZJ ZJT	707.0 340.0	400		Khanty-Mansiysk	NII		N61 02 30 N48 34 53	E069 11 12 W058 22 49	MP41OB GN08TN	8032 1701	4991 1057	15 65
ZK	340.0	400 1020		Stephenville/Harmon Zadar	NL			E015 21 54	JN74QC	7132	4432	53
ZK	435.0	1020		Zhezkazgan				E015 21 54 E067 41 08	MN37UQ	9362	5818	22
	.55.5		517					_00. +100		3002	5515	

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ZK	495.0		-	Engels	0/-		N51 29 00	E046 13 00	LO31CL	8218	5106	32
ZK	520.0			Datuopu			N28 01 00	E112 57 54	OL68LA	11942	7420	349
ZKF	335.0	400	civ	Kitchener/Waterloo Regional/Wellington	ON	CAN	N43 29 33	W080 17 13	EN93UL	81	50	236
ZKI	203.0	400	civ	Terrace/Kitimat	ВС	CAN	N54 03 15	W128 40 13	CO54PB	3692	2294	306
ZKU	275.0		pri	Zirku		UAE	N24 51 40	E053 04 45	LL64MU	10991	6829	43
ZL	263.0	400	civ	Liard River	ВС	CAN	N59 28 06	W126 08 37	CO69WL	3564	2215	316
ZL	265.0	1020	enr	Zolochiv		UKR	N49 48 12	E024 54 12	KN29KT	7307	4541	43
ZL	339.0	400	civ	Maastricht/Zuid-Limburg		HOL	N50 56 02	E005 47 33	JO20VW	6115	3800	50
ZL	372.0			Mys Kamenny		RUS	N68 30 30	E073 34 48	MP68SM	7340	4561	11
ZL	425.0			Vozdvizhenka		RUS	N43 57 12	E131 56 36	PN53XW	9788	6082	338
ZLA	404.0	1020	civ	Zilina		SVK	N49 12 10	E018 30 38	JN99GE	6985	4340	47
ZLB	236.0	400	civ	Toronto/Britannia	ON	CAN	N43 36 58	W079 41 18	FN03DO	36	23	211
ZLP	341.0	400	civ	Toronto/Meadowvale	ON	CAN	N43 37 40	W079 43 52	FN03DP	37	23	217
ZLS	526.0	1020		Stella Maris (Coast Guard)		BAH	N23 34 50	W075 15 50	FL23IN	2286	1420	169
ZM	229.0			Yamagata		J	N38 24 18	E140 22 28	QM08EJ	10051	6245	330
ZM	230.0	1020		Biak		INS	S01 10 55	E136 05 41	PI88BT	14120	8774	314
ZM	290.0			Zemmouri		ALG	N36 47 42	E003 33 30	JM16ST	6795	4222	65
ZM	294.5		mar	Ostrov Zmeinyy		UKR	N45 14 54	E030 11 48	KN55CF	7942	4935	44
ZM	345.0		civ	Tula/Klokovo		RUS	N54 14 00	E037 36 00	KO84TF	7608	4728	34
ZM	518.0			Chita		RUS	N52 02 24	E113 11 12	OO62OA	9305	5782	352
ZM	715.0		enr	Zuun Mod		MNG	N47 42 00	E107 02 00	ON37MQ	9837	6112	356
ZM	750.0		civ	Limanskoe		UKR	N46 40 00	E030 00 00	KN56AQ	7822	4860	44
ZMB	224.0	400	civ	Montreal/Mirabel/Monic	QC	CAN	N45 39 29	W073 58 02	FN35AP	477	296	64
ZMC	201.0		civ	Fort McMurray/Sapray	AB	CAN	N56 39 12	W111 05 32	DO46KP	2629	1633	314
ZMH	361.0	1020		Marsh Harbour		BAH	N26 30 40	W077 04 37	FL16LM	1941	1206	173
ZMM	266.0	400	civ	Montreal/Mirabel/Joly	QC	CAN	N45 40 50	W074 11 07	FN25VQ	462	287	63
ZMN	366.0	400	civ	Lewisville/Moncton	NB	CAN	N46 06 15	W064 47 31	FN76OC	1180	733	73
ZMR	272.0	400	civ	Montreal/Mirabel//Hermas	QC		N45 37 29	W074 05 17	FN25WO	466	290	64
ZMR	300.0	1020		Zamora		Е		W005 39 06	IN71EM	5842	3630	65
ZMT	284.0	400	civ	Montreal/Dorval/Jarry	QC		N45 32 33	W073 39 25	FN35EN	495	307	66
ZMX	317.0	400	CIV	Montreal/Mirabel/Janvier	QC		N45 44 29	W073 55 14	FN35AR	484	300	63
ZN	264.0			Tianzhen				E114 05 12	ON70BK	10566	6565	350
ZN	309.5			Kolguyevskiy Vostochnyy			N69 05 06 N43 32 00	E050 18 00	LP59DC QN33CM	6816 9314	4235 5788	18 329
ZN ZN	309.5 375.0	1020		Ostrov Zelenyy Tozeur/Nefta		RUS	N33 56 23	E146 12 00 E008 00 19	JM43AW	7308	4541	329 66
ZN	387.0	1020	CIV	Luxi				E103 45 00	OL14VM	12422	7719	357
ZN	395.0			Jayapura		INS	S02 34 05	E140 30 36	QI07GK	13980	8687	308
ZN	430.0			Taitung		TWN		E121 09 33	PL02NS	12331	7662	
ZN	439.0		civ	Mary-1		TKM	1122 40 00	2121 00 00	1 202110	12001	7002	040
ZNF	270.0	400		Wabana/St John's	NL		N47 37 09	W052 52 01	GN37NO	2099	1304	69
ZNS	385.0	400		Halifax/Bluenose	NS		N44 58 00	W063 25 38	FN84GX	1280	795	79
ZO	303.5			Mys Zolotoy				E138 59 30	PN97LH	9220	5729	
ZO	352.0	400		Stavanger/Sola		NOR	N58 57 26	E005 38 07	JO28TW	5716	3552	41
ZO	389.0			Sorong		INS	S00 55 16	E131 07 41	PI59NB	14370	8929	319
ZO	423.0	1020	civ	Nis/Zitorada		YUG	N43 11 01	E021 43 29	KN03UE	7596	4720	50
ZOW	344.0	400	civ	Ottawa/Moody	ON	CAN	N45 16 40	W075 45 00	FN25CG	332	206	61
ZP	253.0			Merauke		INS	S08 30 38	E140 24 36	QI01EL	14518	9021	304
ZP	295.0	1020	civ	Zaporozhye/Mokraya		UKR	N47 54 30	E035 20 36	KN77QV	8009	4977	40
ZP	323.0			Pentacon		IW						
ZP	368.0	400*		Sandspit	BC			W131 46 38	CO43CE	3904	2426	
ZPA	372.0	400		Glass/Prince Albert	SK			W105 32 40	DO73FF	2170	1348	
ZPB	264.0	400	civ	Sachigo Lake	ON			W092 11 32	EO33VV	1448	899	
ZQ	207.0			Manokwari		INS		E134 03 06	PI79AC	14209	8829	
ZQ	489.0			Baotou				E110 00 30	ON50AN	10602	6588	
ZQA	251.0	1020		Nassau	_			W077 28 14	FL15GA	2100	1305	
ZQG	398.0	1020	civ	Windsor/Lasalle/Laurel	ON	CAN	N42 14 38	W083 02 51	EN82LF	345	215	239

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ZQM	304.0	400	civ		NB		N46 02 18	W064 47 00	FN76OA	1180	733	73
ZQR	204.0	400	civ	Regina/Findlay	SK	CAN	N50 25 44	W104 31 38	DO70RK	2023	1257	300
ZQT	263.0	400	civ	Superior/Thunder Bay	ON	CAN	N48 23 45	W089 13 26	EN58JJ	904	562	307
ZQY	219.0	400	civ	Sydney/Bras d'Or	NS	CAN	N46 06 23	W060 07 51	FN96WC	1540	957	74
ZR	242.0			Nabire		INS	S03 21 43	E135 29 35	PI76RP	14360	8923	313
ZR	395.0		civ	Yerevan/Zvarnots		ARM	N40 08 49	E044 19 42	LN20DD	9131	5674	40
ZR	397.0	0	civ	Béziers/Vias		F	N43 19 36	E003 17 00	JN13PH	6376	3962	59
ZR	404.0	400	civ	Sarnia	ON		N42 56 26	W082 14 01	EN82VW	249	155	246
ZR	435.0		civ	Nukus				E059 39 12	LN92TK	9612	5973	29
ZRA	330.0	1020	civ			HRV		E015 29 47	JN73RX	7147	4441	53
ZRG	414.0	400	civ	0 1 7	SK		N50 25 44	W104 47 27	DO70OK	2041	1268	300
ZRJ	236.0	400		Round Lake	ON		N52 56 56	W091 19 26	EO42IW	1333	828	
ZRS	219.0	400	civ	3 ,	SK		N50 29 07	W104 44 10	DO70PL	2039	1267	300
ZRZ	389.0	1020	joi	Zaragoza		E	N41 43 50	W001 11 36	IN91JR	6153	3823	63
ZS	217.0			Changzhou			N31 56 30	E119 42 42	OM91UW	11385	7074	
ZS	359.0	1000	ois r	Yanzhuang	ON		N34 13 18	E108 51 12	OM44KF	11313	7030	
ZSB ZSJ	344.0 258.0	1020 400	civ	•	ON		N46 41 00 N53 04 06	W080 44 57 W093 20 41	EN96PQ EO33HB	326	203 896	
ZSJ	281.0	1020	civ	Sandy Lake San Salvador	ON			W074 32 05	FL24RB	1442 2246	1395	
ZSK	201.0	400	civ		SK		N52 06 00	W106 39 43	DO62QC	2209	1372	
ZSM	286.0	1020	civ		ON		N46 30 44	W084 36 54	EN76QM	499	310	
ZSS	397.0	400	civ	•	SK		N52 14 30	W106 44 27	DO62PF	2218	1378	
ZST	397.0	400		Alpine/Saint John	NB		N45 13 40	W065 57 29	FN75AF	1081	672	77
ZT	242.0	1020		Port Hardy	ВС		N50 41 57		CO70GQ	3499	2174	
ZT	332.0		civ	Khatanga				E102 37 42	OQ11HX	7150	4443	
ZT	345.0			Zoueratt		MTN	N22 45 06	W012 28 21	IL32SS	6474	4023	88
ZT	400.0			Agip C97		LBY	N28 49 00	E021 50 00	KL08WT	8674	5390	62
ZT	418.0			UNID		?						
ZT	664.0	1020		UNID, maybe TZ-664		?						
ZTH	276.0		civ	Headframe/Thompson	MB	CAN	N55 49 54	W097 45 42	EO15CT	1858	1155	322
ZTO	403.0	400	civ	Toronto/Woodhill	ON	CAN	N43 44 18	W079 42 11	FN03DR	26	16	229
ZTS	263.0	400	civ	Timmins/Sandy Falls	ON		N48 29 48	W081 24 54	EN98HL	533	331	
ZU	338.0	400	civ		AB		N54 04 38	W115 29 52	DO24GB	2832	1760	
ZU	370.0			Serui		INS	S01 52 35	E136 14 23	PI88CC	14177	8809	313
ZU	433.0	4000		UNID		?	1140 45 00	E007.47.00	1410000	7444	4004	40
ZU	445.0	1020		Strakonstantinov		UKR	N49 45 00	E027 17 00	KN39PS	7441	4624	42
ZU ZU	469.0 485.0			UNID		?	N47 55 55	E000 26 E7	NINIOZEWA	9643	5992	13
ZU	940.0		em	Ayaguz UNID		?	1147 33 33	E080 26 57	NN07FW	9043	3992	13
ZUC	230.0	400	civ	Ignace	ON	•	N49 26 02	W091 43 36	EN49DK	1121	696	308
ZUE	369.0	100	0.1	Zuetina	011			E020 05 00	KM00BU	8395	5217	61
ZUI	290.0			Ascazubi				W078 17 38	FI09UW	4873	3028	
ZUL	348.0	400	civ	Montreal/Dorval/Rockland	QC			W073 39 16	FN35EM	494	307	67
ZV	273.0			Sept-lles	QC			W066 09 05	FO60WE	1228	763	51
ZV	310.0			Kaimana		INS	S03 39 42	E133 44 24	PI66UI	14490	9004	315
ZV	420.0	1020	mil	Tuzla		BIH	N44 27 52	E018 38 51	JN94HL	7314	4545	51
ZV	459.0			UNID		?						
ZV	510.0		civ	Nefteyugansk		RUS	N61 09 06	E072 36 36	MP61HD	8090	5027	14
ZV	515.0			UNID		?						
ZVR	368.0	1020	civ	Sea Island/Vancouver	ВС			W123 13 11	CN89JE	3359	2087	
ZW	222.0			Wamena				E138 57 23	PI95LV	14217	8834	
ZW	269.0	400		Teslin	ΥT			W132 44 12	CP30PE	3939	2448	
ZW	340.0			Yuzhny/Tashkent				E069 13 11	MN410F	10069	6257	23
ZW	418.0	1020		Zeltweg				E014 45 24	JN77JE	6890	4281	50
ZW	486.0		civ	Gyandzha			N40 45 48	E046 16 06	LN30DS	9175	5701	38
ZW	925.0			UNID		?						

Call	kHz	Hz	Т	Station	S/P	ITU	Lat	Long	Loc	km	mi	0
ZW	1089.0	1 12		Yuzhny/Tashkent	O/1°		N41 15 26	E069 16 54	MN41PG	10070	6257	23
ZWC	280.0		0.1	Walker Cay			N27 15 06	W078 24 02	FL07TG	1849	1149	
ZWG	287.0	400	civ		MB	CAN		W097 13 11	EN19JX	1507	937	
ZWL	268.0	400	civ	Wollaston Lake	SK	CAN	N58 06 29	W103 10 46	DO88JC	2274	1413	
ZWN	201.0	400	civ	Winnipeg Intl/Downs	MB		N49 57 50	W097 19 18	EN19IX	1513	940	
ZWR	432.0			Zuwara		LBY	N32 58 00	E012 00 50	JM62AX	7667	4764	64
ZWW	215.0	400	civ	Winnipeg Intl/Boine	MB	CAN	N49 49 48	W097 15 25	EN19IT	1504	935	302
ZX	342.0			Oksibil		INS	S04 50 42	E140 34 42	QI05GD	14181	8812	306
ZXD	201.0	400	civ	Blatchford/Edmonton City Centre	AB	CAN	N53 29 58	W113 30 46	DO33FL	2692	1673	305
ZXE	356.0	400	civ	Saskatoon/Barnes	SK	CAN	N52 09 41	W106 34 28	DO62RD	2204	1370	304
ZXJ	246.0	400	civ	Fort Saint John/Taylor	BC	CAN	N56 11 02	W120 38 42	CO96QE	3190	1982	310
ZXS	260.0	1020	civ	Northwood/Prince George	ВС	CAN	N53 58 03	W122 41 24	CO83PX	3300	2050	305
ZXU	201.0	1020	civ	London/Thames	ON	CAN	N42 58 56	W081 05 18	EN92KX	167	104	233
ZXY	353.0			Klondike/Whitehorse	ΥT	CAN	N60 38 10	W135 00 39	CP20LP	4066	2527	317
ZY	294.5		mar	Zosimy		RUS	N61 04 00	E172 28 00	RP61FB	6702	4164	328
ZY	492.0			UNID		?						
ZYB	404.0	400	civ	North Bay/Yellek	ON	CAN	N46 19 52	W079 31 36	FN06FH	271	168	359
ZYC	254.0	400	civ	<b>3</b> ,	AB		N51 11 47	W114 01 17	DO21XE	2697	1676	
ZYD	201.0	400	civ	, ,	NS		N46 13 46	W060 03 52	FN96XF	1545	960	74
ZYG	400.0	400	civ	Charlottetown/Covehead/Cavendish	PEI	CAN		W063 06 44	FN86KI	1312	815	72
ZYQ	356.0		civ		MB		N58 46 27	W094 10 37	EO28VS	1938	1204	
ZYT	246.0	400			NL		N47 37 40	W052 40 02	GN37PP	2114	1314	69
ZYu	625.0			Fergana		UZB	N40 24 36	E071 45 00	MN50VJ	10233	6359	22
ZYZ	368.0	400		Toronto/Queensway	ON	CAN		W079 32 52	FN03FO	32	20	193
ZZ	378.0		CiV	Constanta/Mihail Kogalniceanu			N44 26 11	E028 29 55	KN44FK	7908	4914	46
ZZ	385.0			Zanzibar		TZA	S06 13 02	E039 13 21	KI93OS	12766	7933	74
ZZ ZZ	940.0	4000	enr	Laryak			N61 07 00	E080 14 00	NP01CC	8220	5108	10
	1620.0 348.0	1020	:-:	Petrobras XIV		B E	S26 46 22 N41 35 56	W046 47 02 W000 52 41	GG63OF IN91NO	8505 6183	5285 3842	150 63
ZZA ZZD	348.0	1020 400	joi civ	3	AB	CAN		W113 39 36	DO33EG	2698	3842 1676	
ZZP	248.0	400*	Civ		BC	CAN	N53 15 15 N53 21 00	W113 39 30 W131 56 24	CO43AI	3913	2431	305
ZZR	317.0	1020		Severn/Trenton (RCAF)	ON		N44 03 10	W077 37 36	FN14EB	148	92	
ZZV	204.0	1020		Zanesville	OH		N39 56 27	W077 37 30 W081 53 33	EM99BW	483	300	
ZZV	354.0	400			QC		N50 12 43	W066 18 04	FO60UF	1219	757	50
ZZZ	203.0	400		Nicklebelt/Thompson	MB			W000 18 04 W097 53 49	EO15BS	1862	1157	
	189.0	400	civ	Chkalovskoe	טוייו	RUS	1100 -17 22		201000	1002	1101	JLL
	392.0		civ			RUS						
	002.0		OIV	- Indio Folio								