

Stations logged from Newfoundland by Jean Burnell in 2009

29 April to 4 May, from Cappahayden NL: receivers: Microtelecom Perseus and RFSpace SDR-IQ; antennas: 350 m at northern Europe (20°) and 400 m at eastern Brazil (165°)

15 to 21 November, from Cappahayden NL (with Saul Chernos): receivers: Microtelecom Perseus and RFSpace SDR-IQ; antennas: 160 m towards Europe (15 Nov, 45°); 450 m North (15-21 Nov, 14°); 300 m South (15-21 Nov, 162°)

freq	country	station	location	UTC date	from	peak SINPO
153	Algeria	Alger Chaîne 1	Béchar	2009.11.19	0459	24343
153	Norway	Norsk Rikskringkasting	Ingøy	2009.11.19	2359	33332
153	Romania	Radio România Actualităţi	Bod / Braşov	2009.11.17	2359	23343
153	Russia	Radio Yunost	Taldom	2009.11.16	2159	23342
171	Russia	Radio Kavkaz	Tbilisskaya	2009.11.19	2359	33343
177	Germany	Deutschlandfunk	Zehlendorf	2009.11.17	2359	23443
189	Iceland	Ríkisútvarpid	Gufuskalar	2009.05.02	0159	44554
198	Russia	Radio Mayak	Olgino	2009.11.16	0659	22442
207	Germany	Deutschlandfunk	Aholming	2009.05.04	0259	32332
207	Iceland	Ríkisútvarpid	Eidar	2009.05.02	0159	44554
225	Poland	Polskie Radio	Konstantynow	2009.11.17	1957	23342
225	Russia	Radio Rossii	Surgut	2009.11.17	1957	22342
252	Algeria	Alger Chaîne 3	Tipaza	2009.11.19	0459	34343
261	Bulgaria	Radio Horizont	Vakarel	2009.11.16	2359	24333
270	Czech Rep.	Český Rozhlas	Topolná	2009.11.17	1959	34454
279	Belarus	Belaruskaje Radujo	Sasnovy	2009.11.17	2000	23353
279	Russia	Radio Rossii	Yuzhno-Sakhalinsk	2009.11.17	2000	13331
530	Canada	CIAO	Brampton ON	2009.05.04	0759	22332
530	Cuba	CMBQ Radio Enciclopedia	La Habana	2009.05.02	0804	34444
530	Falkland Islands	Falkland Islands Radio Service	Stanley	2009.05.02	0759	24332
531	Faroe Islands	Kringvarp Føroya	Akraberg	2009.11.18	1758	44444
531	Iran	IRIB	Ararshahr	2009.11.20	2029	32432
531	Spain	RNE 5	Pontevedra GA	2009.05.01	0525	44454
540	Canada	CBGA1	New Carlisle QC	2009.11.19	0300	32432
540	Grenada	Grenada Broadcasting Corp.	St. George's	2009.11.20	0900	22332
540	Hungary	Kossuth Radio	Solt	2009.11.20	1858	43443

540	Iran	IRIB	Mashhad	2009.11.18	1900	32342
540	USA	WFLF	Pine Hills FL	2009.05.02	0805	32322
549	Germany	Deutschlandfunk	Thurnau & Nordkirchen	2009.11.17	1800	43443
549	Iran	IRIB	Sirjan	2009.11.20	2030	32432
549	Ireland	Hot Country CIMR (tent)	Monaghan	2009.05.01	2328	24431
549	Russia	Radio Mayak	synchros	2009.11.17	1900	33443
549	Russia	Radio Mayak	FE synchros	2009.11.20	1011	23332
549	Saudi Arabia	BSKSA	Qurayyat	2009.11.15	0259	44344
549	Slovenia	Radio Slovenija 1	Beli Kriz	2009.11.18	0100	32442
550	Colombia	Radio Nacional de Colombia	Marinilla & Neiva	2009.11.20	1000	33323
550	Uruguay	CW1 Radio Colonia	Colonia	2009.04.30	2329	34343
550	USA	KFYR	Bismark ND	2009.11.16	0959	24343
555	St. Kitts & Nevis	Radio ZIZ	Basseterre, St. Kitts	2009.05.01	0008	34343
558	Iran	IRIB Radio Farhang	Gheslagh	2009.04.30	2329	32422
558	Korea, South	HLQH KBS 2	Yeong-il	2009.11.20	0959	23342
558	Romania	Radio România	Târgu Jiu	2009.11.17	1959	32432
558	Slovenia	Radio Slovenija 1	Nemcavci	2009.11.18	2359	32442
558	Spain	RNE 5	La Coruña GA	2009.05.01	0525	33443
558	UK / England	Spectrum Radio	London	2009.11.17	1758	24342
558.044	Iran	IRIB Radio Farhang	Gheslagh	2009.11.17	2029	33433
560	Brazil	ZYH887 Rádio Educadora do Maranhão	São Luís MA	2009.11.19	2358	23343
560	Colombia	HJGS Radio Nacional de Colombia	Tunja	2009.05.04	0100	22321
560	Cuba	Radio Rebelde	Ciego Ávila	2009.05.02	0806	33333
560	Guyana	Voice of Guyana	Georgetown	2009.05.01	0008	33342
560	Venezuela	YVRH Radio Nacional de Venezuela	Ciudad Guayana	2009.05.02	0807	23333
567	Italy	RAI Radio 1	Bologna & Caltanissetta	2009.11.16	0458	33333
567	Japan	JOIK NHK 1	Sapporo	2009.11.20	1012	24332
567	Romania	Radio România Actualităţi	Brasov Bod & Satu Mare	2009.11.16	0002	33333
567	Russia	Radio Rossii	Volgograd	2009.11.17	1759	34444
567	South Africa	CapeTalk	Klipheuwel	2009.04.30	2158	24332
567	Syria	Radio of Syrian Arab Rep. Pgm 1	Adra	2009.05.01	0008	23332
570.056	Greenland	KNR	Nuuk	2009.04.30	0428	24332
570	USA	WMCA	New York NY	2009.11.19	2359	23333
576	Bulgaria	Radio Christo Botev	Vidin	2009.11.15	0458	33333

576	Germany	SWR Cont. Ra.	Mühlacker	2009.11.18	1759	33433
580	Canada	CFRA	Ottawa ON	2009.11.18	0259	23333
580	Cuba	Radio Rebelde	Baracoa & Mantua	2009.05.02	0824	22332
585	Iran	IRIB Radio Quran	Tehran	2009.11.17	2028	32332
585	Russia	Radio Rossii	Perm	2009.11.17	1900	23321
585	Saudi Arabia	BSKSA	Riyadh	2009.11.20	2030	22331
594	Germany	Hessischer Rundfunk	Weiskirchen & Hoher Meissner	2009.11.18	1900	33443
594	Iran	IRIB	Shiraz	2009.11.20	2030	22332
594	Portugal	Rádio Sim	Muge	2009.11.17	2159	44444
594	Russia	Radio Mayak	Surgut	2009.11.17	1900	22331
600	Brazil	ZYK278 Rádio Gaúcha	Porto Alegre RS	2009.05.02	2257	34333
600	Puerto Rico	WYEL Radio 600	Mayagüez	2009.11.15	0900	22322
600	USA	WFST	Caribou ME	2009.11.20	1959	22432
600	Venezuela	YVQB Radio Sucre	Cumaná	2009.05.04	0156	33333
603	Korea, South	HLSA KBS 2	Namyang / Seoul	2009.11.16	0928	23322
603	Romania	Radio România Actualităţi	synchros	2009.11.16	0257	33333
603	Spain	RNE 5	Sevilla AN	2009.05.01	0525	44444
603	UK / England	BBC Radio 4	Newcastle-upon-Tyne	2009.11.18	0259	23332
610	Brazil	ZYL268 Rádio Itatiaia	Belo Horizonte MG	2009.05.01	0058	33332
610	Canada	CHNC	New Carlisle QC	2009.04.30	2057	34444
610	USA	WIOD	Miami FL	2009.11.20	0958	22322
612	Japan	JOLK NHK 1	Fukuoka	2009.11.16	1002	23322
612	Lithuania	Radio Liberty	Vilnius-Viršuliškes	2009.11.18	1900	33443
612	Russia	Radio Mayak	Pedasel'ga	2009.11.16	1759	23333
621	Belgium	RTBFi	Waver-Overijse	2009.11.17	1758	43443
621	Moldova	Voice of Russia	Grigoriopol / Maiac	2009.11.16	1759	32332
630	Argentina	LS5 Radio Rivadavia	Buenos Aires	2009.05.02	0758	24333
630	Germany	Voice of Russia	Braunschweig-Cremlingen	2009.11.19	1659	22341
630	Norway	Norsk Rikskringkasting	Vigra	2009.11.19	1659	44454
630	Portugal	RDP Antena 1	Montemor-o Velho <i>et al.</i>	2009.05.01	0458	34333
630	USA	WPRO	Providence RI	2009.11.17	1129	15421
639	Iran	VOIRI	Bonab	2009.11.16	1830	22331
640	Guadeloupe	RFO Guadeloupe	Pointe-à-Pitre	2009.05.01	0010	32442
648	India	All India Radio	Indore	2009.11.18	0023	23332

648	Iran	IRIB	Shahr-e-Kord	2009.11.18	0100	23321
648	Slovenia	Radio Murski Val (tent)	Nemcavci	2009.11.19	2058	33322
648	UK / England	BBC World Service	Orfordness	2009.11.18	1900	13331
650	Greenland	KNR	Qeqertarsuaq	2009.11.16	0947	32432
656.965	Korea, North	KCBS Pyongyang Pangsong	Pyongyang	2009.11.16	1000	13331
657	Iran	IRIB	Zahedan	2009.11.18	1900	33333
657	Iran	IRIB	Zahedan	2009.11.20	1830	13331
657	Italy	RAI Radio 1	synchros	2009.11.16	0459	23332
657	Russia	Radio Rossii	Murmansk	2009.11.17	1759	33333
657	South Africa	Radio Pulpit	Meyerton	2009.04.30	2201	23332
657	UK / Wales	BBC Radio Wales	Wrexham	2009.11.16	1958	12431
657	Ukraine	Ukrainian Radio, Kultura pgm	Chernivtsi	2009.11.17	1959	32322
657	UAE	Asianet	Al-Dhabbiya	2009.11.20	2159	22332
660	Canada	CFFR	Calgary AB	2009.11.19	0459	22322
660	Venezuela	YVQZ Radio Anaco	Anaco	2009.05.03	0000	33333
666	Germany	SWR Cont. Ra.	Rohrdorf	2009.04.30	0329	24332
666	Greece	ERA	Athens	2009.05.01	2301	32432
666	India	All India Radio	New Delhi	2009.11.18	0023	23322
666	Iran	IRIB	Shushtar	2009.11.18	1900	22332
666	Japan	JOBK NHK 1	Osaka	2009.11.16	0955	23322
666	Portugal	RDP Antena 1	synchros	2009.05.04	0358	44343
666	UK / England	BBC Radio York	Fulford	2009.11.18	1859	23433
670	Brazil	ZYJ921 Rádio Cultura de Sergipe	Aracaju SE	2009.11.19	2159	33333
670	Cuba	Radio Rebelde	Arroyo Arenas	2009.05.02	0806	33333
670	USA	WSCR	Chicago IL	2009.05.04	0659	22332
670	USA	WWFE	Miami FL	2009.11.18	0159	32432
675	Libya	Radio Jamahiriya	Benghazi	2009.04.30	2158	24333
675	Netherlands	Radio Maria	Lopik	2009.05.01	0258	44444
675	Norway	Norsk Rikskringkasting	Røst	2009.11.17	1758	34444
675	Ukraine	Ukrainian Radio	Uzhhorod	2009.11.20	2158	22321
680	Canada	CFTR	Toronto ON	2009.05.01	0600	22432
680	Canada	CJOB	Winnipeg MB	2009.11.19	1059	34333
680	Colombia	HJZO Radio Nacional de Colombia	Sabanagrande / Barranquilla	2009.05.02	0809	23333
684	Iran	IRIB	Mashhad	2009.11.20	1830	33333

684	Russia	Radiostansia Radonezh	Sankt-Petersburg	2009.11.15	1959	32432
684	Serbia	Radio Televizi Srbije	Beograd	2009.11.18	1759	22332
684	Spain	RNE 1	Sevilla AN	2009.05.01	0525	44444
684	Tunisia	RTV Tunisienne	Mednine	2009.05.01	0059	22431
690	Brazil	ZYH587 Rádio Dragão do Mar	Fortaleza CE	2009.04.30	2158	24333
690	Colombia	HJCZ Radio Recuerdos	Bogotá	2009.05.02	0129	23332
690	Venezuela	YVMR Radio Barquisimeto	Barquisimeto	2009.05.02	0814	23322
693	Germany	Voice of Russia	Oranienburg	2009.11.18	0500	32332
693	Japan	JOAB NHK 2	Tokyo	2009.11.16	0947	25332
693	Portugal / Azores	RDP Antena 1	Terceira / Santa Bárbara	2009.11.15	2059	44444
700	Brazil	ZYK686 Rádio Eldorado	São Paulo SP	2009.04.30	2258	33333
700	St. Vincent	National Broadcasting Corp.	Kingstown	2009.05.01	0011	33332
702	France	China Radio International	Col de la Madonne	2009.11.19	2100	22332
702	Germany	NDR Info <i>(note 1)</i>	Flensburg	2009.11.18	1900	23332
702	Iran	VOIRI	Kiashahr	2009.11.16	0257	33333
702	Morocco	RTV Marocaine	Laayoune	2009.05.01	0058	33433
702	Saudi Arabia	BSKSA	Duba	2009.11.16	0003	24332
710	Argentina	LRL202 Radio Diez	Buenos Aires	2009.04.29	2358	32332
711	Iran	IRIB	Ahvaz	2009.11.18	1900	22342
711	Romania	Radio România Actualităţi	Onceşti / Sighetu Marmatiei	2009.11.17	1959	32332
711	Spain	COPE Murcia	Murcia MU	2009.05.01	0357	22432
720	Germany	Westdeutscher Rundfunk	Langenberg	2009.11.17	1758	23322
720	Greenland	KNR	Simiutaq	2009.11.16	0928	44454
720	Iran	IRIB	Mahidasht	2009.11.18	1859	12321
720	Portugal	RDP Antena 1	synchros	2009.05.01	0000	33333
720	Romania	Radio România Actualităţi	small synchros	2009.11.16	1900	32322
720	Russia	Radio Mayak	Vestochka / Yuzhno-Sakhalinsk	2009.11.16	0930	21321
720	UK / Northern Ireland	BBC Radio 4	Lisnagarvey	2009.11.17	1759	23332
729	Greece	Elliniki Radiophonia	Athens	2009.11.16	0300	23321
729	Japan	JOCK NHK 1	Nagoya	2009.11.16	1112	13322
729	Spain	RNE 1	Málaga AN	2009.05.01	0525	33432
729	UK / England	BBC Radio Essex	Manningtree	2009.11.16	1959	22432
730	Colombia	HJCU Radio Lider	Bogotá	2009.04.30	0600	22332
738	French Polynesia	Radio Polynesie - France Inter (tent)	Papeete, Tahiti	2009.11.20	1010	13431

747	Bulgaria	Bulgarian Radio	Petrich	2009.11.18	1900	32332
747	India	All India Radio	Lucknow	2009.11.18	0023	22332
747	Iran	IRIB	Gonbad-e Qabus	2009.11.17	2029	32432
747	Japan	JOIB NHK 2	Sapporo	2009.11.16	1015	24322
747	Nigeria	Nagarta Radio	Kaduna	2009.05.01	2240	23332
747	Spain	RNE 5	Cádiz AN	2009.05.01	0525	34444
756	China	CNR 1	Harbin <i>et al.</i>	2009.11.20	1012	23332
756	Romania	Radio România Actualități	Lugoj	2009.11.20	1759	24343
756	Spain	Radio Euskadi	Bilbao EU	2009.11.19	0300	24432
760	Venezuela	YVQQ Doble Q	Puerto La Cruz	2009.05.01	2358	33333
765	Iran	IRIB	Chabahar	2009.05.02	0029	32433
765	Russia	Radio Rossii	Pedasel'ga	2009.11.16	0659	34343
765	Saudi Arabia	BSKSA Quran Service	Qurayyat & Khamasin	2009.04.30	2300	32432
765	UK / England	BBC Radio Essex	Baker's Wood / Chelmsford	2009.05.02	0200	22432
770	Uruguay	CX12 Radio Oriental	Montevideo	2009.04.30	0017	23322
774	Egypt	Middle East Radio	Abis	2009.04.30	2300	32432
774	Germany	Westdeutscher Rundfunk	Bonn	2009.11.19	2100	22331
774	India	All India Radio	Shimla	2009.11.17	0023	13311
774	Iran	IRIB	Arak	2009.11.19	0000	33332
774	Japan	JOUB NHK 2	Akita	2009.11.16	0928	24333
774	Spain	RNE 1	Cáceres EX	2009.05.01	0525	34434
774	Spain	RNE1	Ourense GA	2009.11.16	0625	22322
774	UK / England	BBC Asian Network	Farnley / Leeds	2009.11.17	1957	23332
774	UK / England	Gold 774	Cheltenham	2009.11.18	0100	22322
774	UK / N. Ire. & Engl.	BBC Radio 4	Enniskillen & Plymouth	2009.11.17	1759	23321
776.209	Turkmenistan	Turkmen Radio <i>(note 2)</i>	unknown	2009.11.17	1959	22322
780	USA	WBBM	Chicago IL	2009.11.16	0459	33343
780	USA	WTME	Rumford ME	2009.11.20	1959	23332
783	Germany	MDR-Info	Wiederau / Liepzig	2009.11.18	1858	33433
783	Iran	IRIB	Iranshahr	2009.11.18	1858	23322
783	Mauritania	Radio Mauritanie	Nouakchott	2009.04.29	2359	24332
783	Syria	Radio of Syrian Arab Rep. Pgm 1	Tartus	2009.05.01	0008	44444
790	Argentina	LR6 Radio Mitre	Buenos Aires	2009.05.02	0806	23333
790	USA	WAXY	South Miami FL	2009.05.03	0459	33433

792	France	France Info	Limoges	2009.05.01	2259	34444
791.885	Iran	IRIB	Bonab	2009.05.02	0128	23321
792	Germany	NDR Info	Lingen	2009.11.18	1900	13321
792	Spain	SER Radio Sevilla	Sevilla AN	2009.11.20	2254	34444
800	Netherland Antilles	Trans-World Radio	Belnem, Bonaire	2009.11.17	0159	32332
801	Germany	On3-radio	München & Dillberg	2009.11.21	0201	22432
801	Spain	RNE 1	Lugo GA	2009.05.01	0525	23432
801	UK / England	BBC Radio Devon	Barnstaple	2009.11.16	2359	32432
810	Greenland	KNR	Upernavik	2009.11.16	0928	32332
810	Macedonia	Radio Macedonia	Skopje	2009.11.20	2030	32432
810	Puerto Rico	WKVM Radio Paz 810	San Juan	2009.05.02	0810	33333
810	Russia	Radio Mayak	Volgograd	2009.11.20	2200	22421
810	Spain	SER Radio Madrid	Madrid MA	2009.04.30	2154	33333
810	UK / Scotland	BBC Radio Scotland	synchros	2009.11.20	2159	44454
819	Egypt	Egyptian Radio General Pgm	Batra	2009.04.30	2215	34444
819	India	All India Radio	New Delhi	2009.11.18	0023	23332
819	Italy	RAI Friuli Venezia Giulia	Trieste	2009.11.16	0620	23322
819.061	Korea, North	KCBS Joson Jung-ang Pangsong	Pyongyang	2009.11.16	1012	13322
820	St. Kitts & Nevis	Radio Paradise	Charlestown, Nevis	2009.04.30	2300	34333
828	Bulgaria	Radio Christo Botev	Sumen	2009.11.15	0458	23321
828	Iran	IRIB	Tabas	2009.05.02	2329	32332
828	Japan	JOBB NHK 2	Habikino / Osaka	2009.11.17	1128	25333
828	UK / England	Gold 792/828	Luton	2009.11.17	1758	23332
828.014	Portugal / Azores	RDP Antena 1	Flores	2009.11.15	2059	34343
828	Syria	Radio of Syrian Arab Rep. Pgm 1	Deir el Zawr	2009.05.01	0008	34333
830	Venezuela	YVLT Radio Sensación	Caracas	2009.05.01	0009	24332
837	Iran	IRIB	Habibabad	2009.11.20	2029	33333
837	Japan	JOQK NHK 1	Niigata	2009.11.19	0959	23322
837	Spain	COPE Sevilla	Sevilla AN	2009.05.01	2155	43433
837	Spain / Canary Is.	COPE Las Palmas	Las Palmas	2009.04.30	2139	33432
840	Cuba	CMHW DobleVé	Santa Clara	2009.11.19	1029	34433
840	Haiti	4VEH	Cap-Haïtien	2009.05.01	0008	34333
846	India	All India Radio	Ahmedabad	2009.11.17	0020	22332
846	Russia	Radio Rossii	Elista	2009.11.16	2000	33323

846	Russia	Podmoskovje	Noginsk	2009.11.16	0300	33433
846	Russia	Radiostansia Radonezh	Noginsk	2009.11.18	1759	34433
846	South Africa	Umhlobo Wenene FM	Komga	2009.05.01	2152	25333
850	USA	WFTL	West Palm Beach FL	2009.05.02	0859	23333
850	USA	KOA	Denver CO	2009.11.20	1100	22432
850	USA	WTAR	Norfolk VA	2009.11.15	0900	32342
855	Korea, South	HLCX MBC	Jeonju	2009.11.16	0948	23322
855	UK / England	BBC Radio Lancashire	Preston	2009.11.20	2200	22422
855.046	Korea, North	KCBS Pyongyang Pangsong (tent)	Sangwon	2009.11.16	1111	13322
855	Romania	Radio România Actualităţi	Tancabesti / Bucuresti	2009.05.02	0000	33333
855	Spain	RNE 1	Pontevedra GA	2009.05.01	0525	44444
860	Brazil	ZYH592 Rádio Cidade	Maracanaú CE	2009.11.19	0458	34333
860	Canada	CBKF2	Saskatoon SK	2009.11.19	1059	22342
860	Canada	CJBC	Toronto ON	2009.11.16	0958	45454
860	USA	WOAY	Oak Hill WV	2009.11.17	1059	22332
864	Armenia	Trans-World Radio	Gavar	2009.11.19	1709	44444
864	Egypt	Egyptian Radio Quran Pgm	Santah	2009.04.30	2215	33322
864	Korea, South	HLKR KBS 1	Gangneung	2009.11.16	0950	24332
864	Russia	Radio NVK <i>(note 3)</i>	Yakutsk	2009.11.16	0953	23322
870	Argentina	LRA1 Radio Nacional	Buenos Aires	2009.11.19	0500	33333
870	Cuba	Radio Reloj	Sancti Spiritus	2009.05.02	0028	24332
872.998	Korea, North	KCBS Joson Jung-ang Pangsong	Sinuiji	2009.11.16	1012	24322
873	Germany	Armed Forces Network	Oberursel / Frankfurt	2009.11.15	2259	44444
873	India	All India Radio	Jalandhar	2009.11.19	1704	32422
873	Iran	IRIB	Kalibar & Sari	2009.11.18	1900	32342
873	Japan	JOGB NHK 2	Kumamoto	2009.11.16	0951	14221
873	Moldova	Radio Moldova 1	Chisinau	2009.11.18	1959	32332
873	Russia	Radio Rossii	synchros	2009.11.18	1959	33443
873	Spain	SER Radio Galicia	Santiago de la Compostela GA	2009.04.30	2154	33423
873	Spain	SER Radio Zaragoza	Zaragoza AR	2009.04.30	2154	33422
873	UK / Northern Ireland	BBC Radio Ulster	Enniskillen	2009.05.02	0159	22432
880	Canada	CKLQ	Brandon MB	2009.11.19	1029	32442
882	Spain	COM Radio	Barcelona CA	2009.04.30	2300	32332
882	Spain	COPE Alicante	Alicante VA	2009.04.30	2139	22432

882	Spain	COPE Málaga	Málaga AN	2009.05.01	2157	21431
882	Spain	COPE Valladolid	Valladolid CL	2009.04.30	2155	32432
882	Spain / Canary Is.	COPE Tenerife	La Laguna	2009.04.30	2139	33443
882	Sri Lanka	Trans-World Radio	Puttalam	2009.11.19	1729	33332
890	Brazil	ZYH706 Rádio Clube	Brasília DF	2009.11.19	0459	34443
890	Canada	CJDC	Dawson Creek BC	2009.11.19	1026	22432
890	USA	WLS	Chicago IL	2009.11.20	0500	43333
891	China	Ningxia PBS (tent)	Yinchuan	2009.11.17	2300	14321
891	Iran	IRIB	Yasuj / Deh Dasht	2009.05.01	2329	22432
891	Korea, South	HLKB KBS 1	Busan	2009.11.16	1117	23332
891	Netherlands	Radio 538	Hulsberg	2009.11.17	1759	32343
891	Portugal	Rádio Renascença	Vila Moura	2009.04.30	2255	34444
891	Russia	Radio Mayak	Tyumen	2009.11.20	1900	13331
891	Russia	Radio Yunost	Pedasel'ga	2009.11.16	1959	33333
899.521	Brazil	ZYJ454 Rádio Tamoio	Rio de Janeiro RJ	2009.11.20	0059	34343
895	St. Kitts & Nevis	Voice of Nevis	Bath Village, Nevis	2009.05.01	2359	44344
900	Canada	CHML	Hamilton ON	2009.11.16	0859	22332
900	Canada	CKBI	Prince Albert SK	2009.11.19	1030	33432
900	Greenland	KNR	Uummannaq	2009.11.19	0959	23333
900	India	All India Radio	Kadapa	2009.11.18	0023	12322
900	Iran	IRIB	Tehran	2009.11.18	1900	33343
900	Mexico	XEW	México DF	2009.11.20	1014	33433
900	Spain	COPE Cáceres	Cáceres EX	2009.05.01	0457	23422
900	Spain	COPE Granada	Granada AN	2009.05.02	2159	32332
900	Venezuela	YVMD Ritmo 900	Maracaibo	2009.04.30	0329	33332
909	Botswana	Voice of America	Moepeng Hill / Selebi-Phikwe	2009.04.30	2057	24333
909	India	All India Radio	Gorakhpur	2009.11.18	0024	12XX1
909	Korea, South	HLQY KBS 1	Gumi	2009.11.16	1116	23332
910	Argentina	LR5 La Red	Buenos Aires	2009.11.19	0500	33333
910	Brazil	ZYH645 Rádio Assunção Cearense	Sobral CE	2009.05.02	2156	24333
910	Brazil	ZYI785 Rádio Super Liberdade	Caruaru PE	2009.11.20	0103	23332
910	Canada	CKDQ	Drumheller AB	2009.11.19	1022	34343
910	Cuba	CMFA Radio Cadena Agramonte	Camagüey	2009.05.02	0822	34444
910	USA	WAEI	Bangor ME	2009.05.01	0527	33443

910	Venezuela	YVRQ RQ-910	Caracas	2009.04.30	0459	33322
917	Nigeria	Radio Gotel	Yola	2009.05.01	2159	34444
918	China	Shandong PBS	Jinan	2009.11.17	1000	24332
918	India	All India Radio	Suratgarh	2009.11.18	0023	43433
918	Iran	IRIB	Jiroft	2009.11.19	0000	22331
918	Korea, South	KBS 1	Yeoncheon	2009.11.16	0950	24322
918	Russia	Radio Mayak	Makhachkala	2009.11.20	2030	12321
918	Russia	Radio Rossii	Arkhangelsk	2009.11.16	0459	34433
918	Syria	Radio of Syrian Arab Rep. Pgm 1	Al-Hassake	2009.11.19	0000	33333
920	Brazil	ZYK775 Rádio Nacional Gospel <i>(note 4)</i>	Cotia SP	2009.05.01	2359	23333
920	Brazil	ZYH519 Rádio Novo Tempo	Salvador BA	2009.11.19	0458	23332
920	Canada	CFRY	Portage la Prairie MB	2009.04.30	0559	34343
920	Canada	CKNX	Wingham ON	2009.11.16	0959	23332
920	USA	WHJJ	Providence RI	2009.05.01	0300	33332
927	Belgium	Radio Vlaanderen Info	Wolvertem	2009.04.30	0359	22332
927	Portugal	Rádio Renascença	Évora	2009.04.30	2255	32332
930	Canada	CFBC	Saint John NB	2009.04.30	0500	32332
930	USA	WBEN	Buffalo NY	2009.11.19	1025	33333
936	Iran	IRIB	Urumiyeh	2009.11.20	1829	24343
936	Morocco	Radiodiffusion Télévision Marocaine	Agadir	2009.11.17	2158	23332
936	UK / England	Fresh Radio	Hawes	2009.11.15	2200	23332
940	Brazil	ZYJ453 Super Rádio Boa Vontade	Rio de Janeiro RJ	2009.04.30	2300	33323
940	Canada	CINW	Montréal QC	2009.11.20	1059	44444
940	Canada	CJGX	Yorkton SK	2009.11.20	1059	22332
945	Angola	Radio Nacional de Angola (tent)	Cazenga	2009.05.01	2153	22322
945	China	CNR 1	Jiaohe	2009.11.16	1059	24332
945	France	France Info	Toulouse	2009.05.01	2153	33343
945	India	All India Radio	Sambalpur	2009.11.18	0025	23322
945	Iran	IRIB	Dehgolan	2009.11.18	1900	22342
945	Nigeria	Radio Kebbi	Birnin Kebbi	2009.05.01	2154	22332
945	Romania	Radio România Actualități	Miercurea Ciuc	2009.11.19	0000	23332
945	Russia	Radio Rossii	Rostov-na-Donu	2009.11.16	2000	12221
945	UK / England	Gold	Bexhill-on-Sea	2009.11.17	1758	33343
945	UK / England	Gold Digital GEM	Quarndon / Derby	2009.11.18	1859	34443

950	Argentina	LR3 Radio Belgrano	Buenos Aires	2009.05.02	0800	22332
950	Canada	CFAM	Altona MB	2009.11.19	1027	32432
950	USA	WROL	Boston MA	2009.11.20	1959	33433
954	China	Hulun Buir PBS	Hailar	2009.11.16	0959	23332
954	Czech Rep.	Ceský Rozhlas	synchros	2009.11.15	2159	44444
954	India	All India Radio	Najibabad	2009.11.16	0023	33343
954	Japan	JOKR TBS Tokyo Hosō <i>(note 5)</i>	Tokyo	2009.11.16	1114	14322
960	Canada	CFAC	Calgary AB	2009.05.04	0600	23333
960	USA	WEAV	Plattsburgh NY	2009.11.21	0159	24342
960	USA	WTGM	Salisbury MD	2009.11.15	0859	32332
960	Venezuela	Radio Venezuela	Acarigua	2009.04.30	0330	24332
963	China	China Radio International	Heihe	2009.11.19	1000	24333
963	China	Liaoning PBS	Dalian	2009.11.16	1002	34333
963	Finland	China Radio International	Pori	2009.04.30	0200	33343
963	India	All India Radio	Jalgaon	2009.11.20	0022	23332
963	Iran	IRIB	Birjand	2009.05.02	2329	22332
963	Korea, South	KBS 1	Jeju & Andong	2009.11.16	0956	23322
963	Portugal	Radio Renascença	Seixal	2009.04.30	0059	34332
963	Tunisia	Radio Tunisia Cultural Channel	Tunis	2009.04.30	2223	43433
963	UK / England	Asian Sound Radio	Haslingden	2009.05.02	0200	23332
963	UK / England	Buzz Asia	Lee Bridge Road / London	2009.11.16	0018	23332
970	US Virgin Islands	WSTX	Christiansted	2009.05.02	0759	24332
970	USA	WDAY	Fargo ND	2009.11.19	1032	33433
970	Venezuela	Mundial 970	Barcelona	2009.05.01	2329	33433
972	China	Harbin PBS (tent) <i>(note 6)</i>	Harbin	2009.11.20	1100	12321
972	Iran	IRIB	Ilam	2009.11.20	2031	13321
972	Korea, South	HLCA KBS Hanminjok Bangsong	Dangjin	2009.11.19	0958	34333
972	Libya	Radio Jamahiriya	Sirt	2009.04.30	2158	33433
972	Nigeria	Katsina State Radio	Katsina	2009.11.18	2159	32332
972	Spain	RNE 1	Cabra AN	2009.05.01	0525	33443
972	Tajikistan	VOA Radio Aap ki Dunyaa	Orzu	2009.11.19	1705	34444
980	Brazil	ZYH707 Rádio Nacional	Brasília DF	2009.04.30	2329	34322
980	Canada	CJME	Regina SK	2009.11.20	1103	33333
980	USA	WOFX	Troy NY	2009.11.18	0500	32323

980	USA	WTEM	Washington DC	2009.11.20	0959	33333
981	China	CNR 1	Changchun <i>et al.</i>	2009.11.16	0951	33333
981	India	All India Radio	Raipur	2009.11.18	0023	23332
981	Iran	IRIB	Hamadan	2009.11.20	1830	34333
981	Ireland	Radio Star Country	Emyvale	2009.11.17	1757	23443
981	Italy	RAI	Trieste	2009.11.16	0059	23322
990	Canada	CBW	Winnipeg MB	2009.11.20	0957	32432
990	Germany	Deutschlandradio Kultur	Berlin-Britz	2009.11.16	1829	33433
990	India	All India Radio	Jammu	2009.11.16	0024	22322
990	Iran	IRIB	Shiraz	2009.11.20	1830	22322
990	Spain	SER Radio Cádiz	Cádiz AN	2009.05.01	2154	32442
990	UK / Scotland	BBC Radio Nan Gaidheal	Aberdeen	2009.11.16	1859	33332
998.912	Korea, North	KCBS Joson Jung-ang Pangsong	Hamhung	2009.11.16	1133	13311
999	China	Liaoning PBS Economic Svc. <i>(note 7)</i>	Shenyang	2009.11.16	1114	23332
999	Moldova	Deutsche Welle	Grigoriopol / Maiac	2009.11.16	1859	44444
999	Moldova	Trans-World Radio	Grigoriopol / Maiac	2009.11.15	1959	34444
999	UK / England	Magic 999	Preston	2009.11.16	2000	22332
999	Saudi Arabia	BSKSA Quran Service	Tabuk	2009.04.30	2228	33433
999	Spain	COPE Madrid	Madrid MA	2009.04.30	2139	44444
1000	Cuba	CMNM Radio Granma	Manzanillo	2009.05.02	0826	33333
1000	USA	KOMO	Seattle WA	2009.11.20	1057	34333
1008	Iran	IRIB	Semnan	2009.11.17	1929	22432
1008	Korea, South	HLCS KBS 3 (Voice of Love) <i>(note 8)</i>	Yangyang	2009.11.16	1116	23322
1008	Spain	SER Radio Extremadura	Badajoz EX	2009.05.01	2154	22431
1010	Brazil	ZYH448 Rádio Bahia	Salvador BA	2009.04.30	2358	32432
1010	Brazil	ZYH625 Rádio CBN	Fortaleza CE	2009.04.30	2329	44444
1017	China	CNR 8	Changchun	2009.11.16	1000	24322
1017	China	China Radio International	Changchun	2009.11.19	1059	24333
1017	Iran	IRIB	Zahedan	2009.11.19	1759	23332
1017	Spain	RNE 5	Granada AN	2009.05.01	0525	24432
1017	UK / England	Gold Digital WABC	Shrewsbury	2009.11.18	1901	22331
1020	Brazil	ZYL260 Rádio Globo Cultura <i>(note 9)</i>	Uberlândia MG	2009.05.02	0100	33333
1020	Cuba	Radio Reloj	Victoria de las Tunas	2009.11.15	1000	24332
1020	USA	WURN	Kendall FL	2009.05.02	0811	22222

1020	Venezuela	YVMX Radio Continente	Maracaibo	2009.05.02	0811	33323
1026	Iran	IRIB	Tabriz	2009.05.02	0128	33443
1026	India	All India Radio	Allahabad	2009.11.17	0024	12311
1026	Nigeria	Radio Jigawa	Dutse	2009.05.03	2200	32332
1026	Russia	Radio Mayak	3 small tx near Arkhangelsk	2009.11.16	0800	22331
1026	Spain	SER Radio Jaén	Jaén AN	2009.05.01	2154	33433
1026	Spain	SER Radio Jerez	Jerez de la Frontera AN	2009.05.01	2154	33443
1026	UK / Northern Ireland	Downtown Radio	Belfast	2009.11.20	0458	33333
1030	Argentina	LS10 Radio del Plata	Buenos Aires	2009.04.30	0531	32322
1035	China	CNR 1	synchros	2009.11.16	1000	24322
1035	Estonia	Semeinoye Radio	Tartu	2009.04.30	0059	35343
1035	Estonia	Trans-World Radio	Tartu	2009.11.20	1700	24333
1035	Iran	IRIB	Yazd	2009.05.02	0029	32332
1035	UK / England	Kismet Radio	Crystal Palace / London	2009.11.15	2000	22432
1035	UK / Scotland	Northsound 2	Aberdeen	2009.11.20	0000	32332
1035	UK / Scotland	West Sound Radio	Ayr	2009.11.17	1800	32322
1040	Canada	CJMS	St. Constant QC	2009.11.20	0459	22332
1040	Canada	CKST	Vancouver BC	2009.11.20	0459	23333
1040	Colombia	HJCJ Colmundo Radio	Bogotá	2009.05.03	0500	33333
1039.614	Venezuela	YVLB La Voz de Carabobo	Valencia	2009.05.02	0809	24332
1044	India	All India Radio	Mumbai	2009.11.18	0023	13321
1044	Korea, South	KBS 1	Jecheon or Samcheok	2009.11.16	1119	14322
1044	Russia	Radio Liberty	Kurkino	2009.11.19	1658	24333
1044	Spain	SER Radio San Sebastián	San Sebastián EU	2009.05.01	0059	44454
1044	Spain	SER Radio Valladolid	Valladolid CL	2009.05.01	2154	22432
1050	Canada	CKSB	St. Boniface MB	2009.05.04	0659	22322
1050	Canada	CHUM	Toronto ON	2009.11.17	1059	43443
1053	Japan	JOAR CBC	Nagoya	2009.11.20	1023	24332
1053	Korea, South	jammer	unknown	2009.11.16	1111	24334
1053	Romania	Radio Iasi	Iasi	2009.11.19	1657	34333
1053	Spain	COPE Zaragoza	Zaragoza AR	2009.04.30	2156	32432
1060	Brazil	ZYL278 Rádio Grande Belo Horizonte	Belo Horizonte MG	2009.05.01	0028	34433
1060	Cuba	CMDL Radio 26	Jovellanos	2009.05.03	0557	33333
1062	Denmark	Danmarks Radio	Kalundborg	2009.11.17	1658	45455

1062	Iran	IRIB	Kerman	2009.05.01	2328	34434
1062	Italy	RAI Sardegna	Cagliari	2009.11.16	0619	22342
1062	Italy	RAI Trentino	Trento	2009.11.16	0619	22342
1062	Korea, South	HLKQ KBS 1	Cheongju	2009.11.16	0948	24333
1062	Turkey	TRT	Diyarbakir	2009.11.18	0358	24332
1070	Argentina	LR1 Radio Mundo	Buenos Aires	2009.11.15	0459	33333
1070	Brazil	ZYI673 Rádio Cajazeiras	Cajazeiras PB	2009.05.02	2258	24332
1070	Canada	CHOK	Sarnia ON	2009.11.19	1045	23333
1070	Colombia	HJCG Radio Santa Fé	Bogotá	2009.05.02	0827	23322
1070	USA	KNX	Los Angeles CA	2009.05.04	0659	23332
1070	Venezuela	YVMA Mundial Zulia	Maracaibo	2009.05.01	2333	23423
1071	Iran	IRIB Radio Ma'aref	Qom	2009.11.15	2158	43443
1071	Japan	JOFK NHK 1	Hiroshima	2009.11.16	1000	23321
1071	Saudi Arabia	BSKSA	Bisha	2009.11.15	0259	34343
1071	Spain	Euskadi Irratia	Bilbao EU	2009.04.30	2159	44444
1080	Iran	VOIRI	Mahshahr	2009.05.02	0128	33433
1080	Russia	Radio Rossii	Kovylkino	2009.11.18	0200	33433
1080	Spain	SER Radio Huesca	Huesca AR	2009.04.30	2154	32433
1080	Spain	SER Radio Granada	Granada AN	2009.11.16	2059	33333
1088	Angola	Rádio Nacional de Angola	Mulenvos	2009.05.01	2159	34333
1089	China	Liaoning PBS	Shenyang	2009.11.20	1011	23433
1089	Russia	Russian International Radio	Tbilisskaya	2009.11.20	1900	32442
1090	Brazil	ZYJ592 Rádio Rural de Natal	Natal RN	2009.04.30	2159	24332
1098	Korea, South	HLCJ KBS 1	Jinju	2009.11.16	1117	14321
1098	Saudi Arabia	BSKSA	Dammam	2009.11.16	0003	32332
1098	Slovakia	Radio Patria	Jarok / Nitra	2009.11.21	0500	23332
1098.144	Spain	RNE 5	Avila CL	2009.05.01	0525	22432
1098	Spain	RNE 5	Huelva AN or Almeria AN	2009.05.01	0525	44444
1100	Canada	CBSI5	Natashquan QC	2009.11.19	1057	23333
1107	Afghanistan	Radio Afghanistan	Kabul	2009.11.18	0025	33433
1107	China	CNR 1	unknown location	2009.11.16	1030	13331
1107	Serbia	Radio Beograd 1	Novi Sad / Orlovat	2009.11.17	2259	32332
1107	Spain	RNE 5	Santander CT	2009.05.01	0525	33433
1107.124	Spain	RNE 5	Cáceres EX	2009.05.01	0525	32432

1116	Hungary	MR1 Kossuth Radió	Miskolc	2009.11.18	2059	33343
1116	India / Kashmir	All India Radio	Srinagar	2009.11.18	0100	33433
1116	Japan	JOAF RNB, Nankai Hoso	Matsuyama	2009.11.20	1020	24432
1116	Spain	SER Radio Albacete	Albacete CM	2009.05.02	2157	33232
1116	Spain	SER Radio Pontevedra	Pontevedra GA	2009.04.30	2154	34444
1120	Brazil	ZYH598 Rádio Tupinambá	Sobral CE	2009.11.19	0057	24333
1125	Belgium	RTBF VivaCité	Houdeng	2009.11.17	1759	33343
1125	China	Hebei PBS Economic Service <i>(note 10)</i>	three transmitters, Hebei	2009.11.16	1000	13321
1125	Iran	IRIB	Nehbandan	2009.11.18	1900	22342
1125	Japan	NHK 2	Naha & small synchros	2009.11.20	1016	14321
1125	Russia	Radio Orfey	Sankt-Petersburg	2009.11.16	1958	34333
1125	Spain	RNE 5	Badajoz EX	2009.05.01	0525	33443
1130	Uruguay	CX30 Radio Nacional	Montevideo	2009.05.04	0159	32331
1134	China	CNR 1	Golmud	2009.11.20	1700	33323
1134	Iran	IRIB	Bojnurd	2009.11.17	1759	33323
1134	Japan	JOQR NCB, Bunka Hoso	Tokyo	2009.11.20	0959	23332
1134	Korea, South	KBS Hanminjok Bangsong	Hwaseong	2009.11.16	0958	33333
1134	Russia	Radio Mayak	Murmansk & Saransk	2009.11.17	1759	32322
1134	Spain	COPE Jerez	Jerez de la Frontera AN	2009.04.30	2139	34444
1140	USA	WQBA	Miami FL	2009.05.02	0800	33323
1143	India	All India Radio	Rohtak	2009.11.18	0022	23322
1143	Russia	Radio Mayak	Samara	2009.11.16	1759	24333
1143	Russia / Kaliningrad	Radio Mayak	Bolshakovo	2009.05.02	0159	54554
1143	Russia / Kaliningrad	Russian International Radio	Bolshakovo	2009.11.17	1859	44444
1143	Spain	COPE Jaén	Jaén AN	2009.04.30	2139	33343
1143	Tajikistan	Ovozi Tojik	Yangiyul / Dushanbe	2009.11.18	0157	34343
1150	Cuba	CMKX Radio Bayamo	Entronque Bueycito	2009.05.02	0825	23333
1150	USA	WHBY	Kimberly WI	2009.11.15	0859	32342
1152	Japan	NHK 2	Kochi & Koshiro	2009.11.19	1001	24311
1152	Pakistan	National Broadcasting Service	Rawalpindi	2017.11.17	1857	14421
1160	Antigua	Caribbean Radio Lighthouse	St. John's	2009.05.03	0358	23342
1160	Brazil	ZYH714 Rádio Globo	Brasília DF	2009.05.01	0700	33432
1160	USA	KSL	Salt Lake City UT	2009.05.01	0359	33332
1160	USA	WOBM	Lakewood NJ	2009.04.30	0159	34333

1160	USA	WYLL	Chicago IL	2009.05.01	0659	22422
1160	USA	WSKW	Skowhegan ME	2009.11.16	1040	33343
1161	Iran	VOIRI	Qasr-e-Shirin	2009.05.02	0128	33323
1161	Russia	Radio Orfey	Volgograd	2009.11.19	1658	23432
1161	UK / England	Magic 1161	Goxhill	2009.05.03	0000	33343
1161	UK / Scotland	Tay AM	Dundee	2009.11.21	0500	33333
1170	Iran	IRIB	Abadan & Damghan	2009.11.19	0001	33322
1170	Korea, South	HLSR Radio Korea International	Gimje	2009.11.16	0950	33333
1170	Pakistan	National Broadcasting Service	Peshawar	2009.11.19	1700	22332
1170	Philippines	Voice of America	Poro	2009.11.19	1629	14342
1170	Russia	Voice of Russia	Tbilisskoye	2009.11.17	1659	23332
1170	UK / England	Magic 1170	Stockton	2009.05.02	0157	34433
1179	India	All India Radio	Rewa	2009.11.18	0023	33323
1179	Mozambique	EP de Quelimane	Quelimane	2009.05.01	2159	12421
1179	Romania	Radio România Actualități	Galbeni-Bacau	2009.11.18	2359	33333
1179	Spain	SER Radio Valencia	Valencia VA	2009.05.02	2157	22321
1179	Spain / Canary Is.	SER Radio Club Tenerife	Tenerife	2009.04.30	2154	33433
1179	Sweden	Radio Sweden International	Sölvesborg	2009.11.16	1858	54554
1188	Germany	MDR-Info	Reichenbach	2009.04.30	2300	24332
1188	Hungary	Magyar Radio	Szolnok & Marcali	2009.11.18	1759	43433
1188	Iran	IRIB Radio Payam	Tehran	2009.05.01	2359	43443
1188	India	All India Radio	Mumbai	2009.11.20	0024	22332
1188	Japan	JOKP NHK 1	Kitami	2009.11.16	1039	14321
1188	Korea, South	HLKX Far East Broadcasting Company	Inchon / Seoul	2009.11.16	1059	14321
1188	Russia	Deutsche Welle	Sankt-Petersburg	2009.11.16	0657	33433
1190	Argentina	LR9 Radio América	Buenos Aires	2009.05.02	0100	24343
1190	Canada	CFSL	Weyburn SK	2009.11.20	1058	24333
1197.023	Iran	IRIB <i>(note 11)</i>	Moghan	2009.11.20	1716	24322
1197	India	All India Radio	Tirunelveli	2009.11.20	0024	13321
1197	Lesotho	Family Radio	Lancer's Gap	2009.04.30	2154	33322
1197	Romania	Radio Târgu Mures	Brasov Bod	2009.11.19	1800	23333
1197	Russia	Radio Rossii	small synchros	2009.11.17	1900	22321
1197	UK / England	Absolute Radio	synchros	2009.05.01	2330	33443
1200	Brazil	ZYH585 Rádio Clube	Fortaleza CE	2009.05.01	2300	34333

1200	Brazil	ZYK520 Rádio Cultura Brasil	São Paulo SP	2009.11.17	0200	23333
1200	USA	WKOX	Framingham MA	2009.04.29	2357	33333
1205.976	China	Yanbian PBS	Yanji	2009.11.16	1030	23332
1206	India	All India Radio	Bhawanipatna	2009.11.18	0023	23332
1206	Mozambique	EP de Inhambane	Inhambane	2009.05.01	2159	44424
1210	USA	WPHT	Philadelphia PA	2009.05.01	0100	33433
1215	Iran	IRIB	Chalus	2009.11.18	0100	22321
1215	Spain	COPE Córdoba	Córdoba AN	2009.05.01	2155	23432
1215	Spain	COPE Santander	Santander CT	2009.04.30	2139	33333
1215	UK / England	Absolute Radio	synchros	2009.05.01	2330	44444
1224	Iran	IRIB	Kerman	2009.11.18	1900	22332
1224	Israel	Galei Zahal	Beersheba	2009.11.20	1900	23322
1224	Japan	JOJK NHK 1	Kanazawa	2009.11.20	0935	13321
1224	Spain	COPE Albacete	Albacete CM	2009.05.02	2157	33323
1224	Spain	COPE Huelva	Huelva AN	2009.04.30	2139	33323
1230	Canada	CFLN	Goose Bay NL	2009.05.03	0000	33343
1230	Canada	CFFB	Iqaluit NU	2009.11.19	0959	23322
1233	India	All India Radio	Tura	2009.11.18	0023	13321
1233	Iran	IRIB	Abadeh	2009.11.20	1858	23333
1242	India	All India Radio	Vanarasi	2009.11.19	1659	24333
1242	Iran	IRIB	Zanjan	2009.11.18	1900	33332
1250	Brazil	ZYL367 Rádio Metropolitana	Vespasiano MG	2009.11.19	0500	24322
1250	Canada	CHSM	Steinbach MB	2009.11.20	0955	24332
1251	China	CNR 1	Hutou Zhen	2009.11.20	0929	23321
1251	Iran	IRIB	Kiashahr	2009.05.01	2328	33443
1251	Russia	Radio Mayak	synchros	2009.11.17	1800	12321
1251	Russia	Radio Yunost	Izhevsk	2009.11.17	1758	33333
1260	Brazil	ZYK688 Rádio Morada do Sol	São Paulo SP	2009.05.01	2302	33442
1260	Mozambique	EP de Lichinga	Lichinga	2009.05.01	2200	12421
1260	Russia	BBC Relay	Kurkino & Sankt-Petersburg	2009.11.18	1758	34343
1260	Spain	SER Radio Murcia	Murcia MU	2009.04.29	2333	34333
1269	Spain	COPE Badajoz	Badajoz EX	2009.04.30	2139	22322
1269	Spain	COPE Zamora	Zamora CL	2009.04.30	2139	33323
1269	Spain / Canary Is.	Radio ECCA	Las Palmas, Gran Canaria	2009.05.01	2200	33432

1270	Argentina	LS11 Radio Provincia de Buenos Aires	La Plata	2009.11.19	0459	33322
1270	Brazil	ZYH753 Rádio Brasil Central	Goiânia GO	2009.11.17	0159	23432
1278	Japan	JOFR RKB, Mainichi Hoso	Fukuoka	2009.11.16	0956	24332
1278	Russia	Radio Yunost	Novocherkassk	2009.11.15	1957	24432
1287	India / Goa	All India Radio	Panaji	2009.11.18	0022	23322
1278	Iran	IRIB	Kermanshah	2009.05.02	0100	33332
1280	Puerto Rico	WCMN NotiUno	Arecibo	2009.04.30	0200	34332
1287	Israel	Galei Zahal	Ramle / Tel Aviv	2009.11.16	2359	32332
1287	Japan	JOHR HBC, Hokkaido Hoso	Sapporo	2009.11.16	0928	14332
1287	Korea, South	MBC	Cheongju or Gangneung	2009.11.16	0949	24322
1287	Kyrgyzstan	Kyrgyz Radiosu	Bishkek	2009.11.16	2359	33333
1287	Russia	Radio Yunost	Yazykovo	2009.11.15	1957	34433
1287	Spain	SER Radio Castilla	Burgos CL	2009.04.30	2057	24343
1290	Brazil	ZYL273 Rádio Uberlândia AM	Uberlândia MG	2009.11.17	2159	33332
1290	Canada	CFRW	Winnipeg MB	2009.05.01	0258	33443
1290	USA	WKBK	Keene NH	2009.05.01	0100	34343
1290	USA	WRNI	Providence RI	2009.05.02	0159	33333
1296	Afghanistan	VOA Radio Ashna	Kabul	2009.05.02	2359	33343
1296	Bulgaria	Radio Christo Botev	Kardzali	2009.11.15	0458	23332
1296	Spain	COPE Valencia	Valencia VA	2009.04.30	2139	34333
1296	Sudan	Sudan National Broadcasting Corp.	Rebia	2009.04.30	2159	32342
1296	Taiwan	BCC News Network <i>(note 12)</i>	Tai-nan	2009.11.16	1044	24322
1300	St. Maarten / Netherlan	PJD2 Voice of St. Maarten	Philipsburg	2009.11.20	0859	23333
1300	USA	KGLO	Mason City IA	2009.05.04	0659	22331
1300	USA	WGDJ	Rensselaer NY	2009.05.01	0459	23433
1300	USA	WJDA	Quincy MA	2009.05.03	2355	23333
1300	USA	WOOD	Grand Rapids MI	2009.05.04	0659	32332
1305	China	Jinan PBS	Jinan	2009.11.16	1059	24322
1305	India	All India Radio	Parbhani	2009.11.20	0018	23332
1305	Israel	Galei Zahal	Rosh-Pina	2009.11.17	0000	22XX1
1305	Russia	Radio Mayak	Serov	2009.11.20	1900	13321
1305	Spain	RNE 5	Orense GA	2009.05.01	0525	24333
1310	Canada	CIWW	Ottawa ON	2009.11.16	0959	23332
1310	USA	KNOX	Grand Forks ND	2009.11.17	1059	24333

1310	Venezuela	YVSM Radio Nacional de Venezuela	Barcelona	2009.04.30	0329	34332
1314	Armenia	Voice of Russia	Gavar	2009.11.15	1959	33333
1314	India	All India Radio	Bhuj	2009.11.18	0023	23322
1314	Japan	JOUF OBC, Radio Osaka	Sakai-shi / Osaka	2009.11.20	0929	24322
1314	Romania	Radio Antena Satelor	Timisoara & Constanta	2009.11.20	1758	34333
1314	Romania	Radio Romania	synchros	2009.11.16	0459	23332
1314	Spain	RNE 5	Salamanca CL	2009.05.01	0525	44444
1320	Canada	CJMR	Mississauga ON	2009.05.01	0300	33333
1320	Canada	CHMB (tent)	Vancouver BC	2009.11.17	0858	22331
1320	USA	WBOB	Jacksonville FL	2009.05.03	0559	33322
1320	Venezuela	YVWP Radio Apolo	Turmero	2009.04.30	0528	23332
1323	China	China Radio International	Huadian	2009.11.16	1100	24333
1323	Cyprus	BBC WS	Zyyi	2009.11.15	0259	24343
1323	Germany	Radio Rossii	Wachenbrunn	2009.04.30	2154	34333
1323	India	All India Radio	Kolkata	2009.11.18	0023	13332
1323	Romania	Radio Târgu Mures	Târgu Mures	2009.11.15	0358	24332
1323	Russia	Radio Grad Petrov	Sankt-Petersburg	2009.11.16	0500	34333
1323	Tanzania	Radio One (tent)	Moshi	2009.05.03	2300	23322
1323	UK / England	Gold	Southwick / Brighton	2009.11.16	2359	24332
1330	Brazil	ZYK736 Rádio Terra	Osasco SP	2009.05.01	2300	33333
1330	USA	WFNN	Erie PA	2009.11.16	0259	23332
1330	USA	WWRV	New York NY	2009.11.20	0901	23321
1332	China	Henan PBS <i>(note 13)</i>	Zhengzhou	2009.11.17	0958	13332
1332	Iran	IRIB Radio Tehran	Tehran	2009.11.16	0003	44444
1332	Japan	JOSF Tokai Hoso	Nagoya	2009.11.20	0955	34323
1332	Pakistan	National Broadcasting Service	Lahore	2009.11.17	1857	32323
1332	Romania	Radio România Actualități	Galati	2009.05.01	2259	24333
1340	Brazil	ZYH886 Rádio Clube de São Luís	São Luís MA	2009.11.19	2159	33333
1340	Canada	CFLW	Wabush NL	2009.11.16	1058	22332
1341	Hungary	Magyar Katolikus Radio	Szolnok & Balatonszabadi	2009.04.29	2328	33443
1341	Spain	SER Radio León	León CL	2009.04.30	2154	32332
1350	Argentina	LS6 Radio Buenos Aires	Buenos Aires	2009.04.30	0157	23332
1350	Armenia	Trans-World Radio	Gavar	2009.11.15	1959	34444
1350	Botswana	Radio Botswana (tent)	Tshabong	2009.04.30	2154	32332

1350	France	Radio Orient	Nice	2009.11.20	1959	33433
1359	China	CNR 1	synchros	2009.11.16	1958	33333
1359	Iran	IRIB	Lar	2009.11.20	1830	32332
1359	Russia	Radio Mayak	Perm	2009.11.17	1759	33333
1359	Spain	RNE 1	Madrid MA	2009.05.01	0525	33323
1359	Ukraine	Radio Tsentr	Dokuchayevsk	2009.11.19	1759	24333
1360	Brazil	ZYH469 Rádio Cultura	Paulo Alfonso BA	2009.11.19	2158	33333
1360	USA	WDRC	Hartford CT	2009.05.01	0059	34343
1360	USA	WTAQ	Green Bay WI	2009.11.16	0500	22331
1368	China	CNR 1	Karamay	2009.11.17	2100	22332
1368	Iran	IRIB	Gorgan	2009.11.19	1729	24332
1368	Isle of Man	Manx Radio	Foxdale / Douglas	2009.11.17	2100	33343
1368	Israel	Galei Zahal	Shivta & Rosh-pina	2009.04.30	2158	24333
1370.016	Colombia	HJKX Radio Mundial	Bogotá	2009.05.02	0000	33332
1370	USA	WDEA	Ellsworth ME	2009.11.18	0400	44444
1370	USA	WFEA	Manchester NH	2009.11.18	0400	22432
1377	Armenia	Russian International Radio	Gavar	2009.04.30	2159	22322
1377	Armenia	Voice of Russia	Gavar	2009.05.01	2206	34333
1377	China	CNR 1	Xingyang	2009.11.18	0000	33323
1377	France	France Info	Lille	2009.04.30	2154	32333
1377	Iran	IRIB	Paveh	2009.05.01	2331	32332
1377	Kyrgyzstan	Trans-World Radio	Bishkek	2009.11.20	1759	33333
1377	Tanzania	Radio Free Africa	Mwanza	2009.05.03	2300	33333
1377	Ukraine	Ukrainian Radio 1	Chernivtsi	2009.11.17	1859	33332
1379.703	Brazil	ZYI773 Rádio Novas de Paz	Recife PE	2009.05.01	2300	34323
1380	Canada	CKPC	Brantford ON	2009.05.01	0559	34433
1380	USA	WMYF	Portsmouth NH	2009.05.01	0359	33333
1386	China	Tianjin Life Station	Tianjin	2009.11.17	1059	24332
1386	Japan	NHK 2	synchros	2009.11.20	0956	14321
1386	Korea, South	HLAM MBC	Mokpo	2009.11.16	0948	24332
1386	Lithuania	VOIRI	Sitkunai	2009.11.16	1758	34434
1386.049	Spain	Euskadi Irratia	Bilbao EU	2009.11.15	1959	34444
1395	Armenia	Hayastani Azgain Radio <i>(note 14)</i>	Yerevan	2009.11.17	1900	23332
1395	India	All India Radio	Bikaner	2009.11.18	0022	33433

1395	Russia	Radio Rossii	Buguruslan	2009.11.17	1900	13421
1410	Brazil	ZYH803 Rádio Bandeirantes	Brasília DF	2009.11.19	0459	23333
1413	Japan	JOIF KBC	Fukuoka	2009.11.16	0948	34333
1413	Moldova	Trans-World Radio / Voice of Russia	Grigoriopol / Maiac	2009.11.18	1858	44444
1413	Spain	RNE 5	Vigo GA	2009.05.01	0525	45454
1420	USA	WBSM	New Bedford MA	2009.11.15	1000	23432
1420	USA	WHK	Cleveland OH	2009.05.02	0859	23322
1422	China	Taiyuan PBS	Taiyuan	2009.11.16	0930	24332
1422	Japan	JORF RF Radio Nippon	Yokohama	2009.11.20	0929	13331
1430	Canada	CHKT	Toronto ON	2009.05.01	0559	32422
1430	USA	WNSW	Newark NJ	2009.04.30	0300	24322
1431	Germany	Voice of Russia	Wilsduff	2009.11.15	0500	33333
1431	Ukraine	Ukrainian Radio / Kultura Pgm	Kopani	2009.11.20	2156	43443
1440	Japan	JOWF STV <i>(note 15)</i>	Sapporo	2009.11.16	1042	22321
1440	Luxembourg	RTL Radio	Marnach	2009.04.30	0256	34333
1440	Luxembourg	Korean BS	Marnach	2009.11.16	2359	44444
1440	Russia	Radio Zvezda	Sankt-Petersburg	2009.11.19	1703	24333
1440	Saudi Arabia	BSKSA	Dammam	2009.04.29	2359	24343
1440	USA	WVEI	Worcester MA	2009.11.15	0859	32332
1449	Iran	VOIRI	Bandar-e-Torkaman	2009.11.16	1859	43433
1449	Italy	RAI Radio 1	synchros	2009.04.30	2158	32442
1449	Libya	Radio Jamahiriya	Misurata	2009.04.30	2158	33443
1449	Russia	Radio Mayak	Monchegorsk	2009.11.17	1759	33333
1450	Bermuda	VSB1 1450 AM Gold	Hamilton	2009.11.17	0000	34333
1458	China	Anshan PBS, Traffic Station <i>(note 16)</i>	Anshan	2009.11.16	0953	24322
1458	Gibraltar	Radio Gibraltar	Wellington Fort	2009.05.01	0259	34433
1458	Iran	IRIB	Birjand	2009.11.18	1900	22342
1458	Russia	Radio Rossii	Kudymkar	2009.11.20	1800	23321
1458	UK / England	Gold Manchester	Ashton Moss	2009.05.01	2359	33433
1460	USA	WXBR	Brockton MA	2009.11.18	0500	23322
1467	India	All India Radio	Jeypore	2009.11.20	0023	23332
1466.99	Iran	IRIB	Qom	2009.05.01	2331	34333
1467	Korea, South	HLKN KBS 1	Mokpo	2009.11.16	1013	24322
1470	USA	WJDY	Salisbury MD	2009.04.30	0230	24322

1476	China	Heilongjiang PBS Econ. Life Ch. <i>(note 17)</i>	Mudanjiang	2009.11.17	1058	25322
1476	Iran	IRIB	Marivan	2009.11.18	2000	22332
1476	Spain	Euskadi Irratia	San Sebastián EU	2009.11.15	1959	34444
1480	USA	WGVU	Kentwood MI	2009.11.17	1057	22332
1485	Spain	Punto Radio	Vilanova CA	2009.05.02	2230	32322
1485	Spain	SER Radio Santander	Santander	2009.04.29	2333	44444
1485	UK / England	BBC Sussex	Southwick	2009.11.16	1759	23332
1494	China	Xinjiang PBS	synchros	2009.11.20	2359	32332
1494	Greece / Dodec. Is.	ERA	Rodos	2009.05.01	2301	22422
1494	Iran	IRIB	Maku	2009.11.18	1858	13331
1494	Russia	Voice of Russia	Sankt-Petersburg	2009.11.19	1628	35433
1500	USA	WFED	Washington DC	2009.05.01	0459	34444
1500	USA	WLQV	Detroit MI	2009.11.21	0859	32422
1503	Egypt	North Sinai Radio	El Arish	2009.11.20	2156	22332
1503	Iran	IRIB	Bushehr	2009.05.01	2331	33433
1503	Japan	JOUK NHK 1	Akita	2009.11.16	1039	14332
1503	Portugal / Azores	Armed Forces Network	Lajes	2009.05.02	2259	32432
1503	Russia	Family Radio	Kurkino	2009.11.19	2057	23322
1503	Spain	RNE 5	La Línea de la Concepción AN	2009.05.01	0525	33443
1503	Tajikistan	Voice of Russia	Dushanbe	2009.11.17	1930	22331
1503	UK / England	BBC Radio Stoke	Stoke-on-Trent	2009.11.16	2059	24332
1510	USA	WWZN	Boston MA	2009.05.01	0659	45544
1512	Greece / Crete	ERA	Chania	2009.04.30	0057	33433
1512	Iran	IRIB	Ardabil	2009.11.17	2029	34343
1512	Russia	Radio Yunost	Ibresi	2009.11.16	2000	13322
1512	Saudi Arabia	BSKSA Quran Service	Jeddah	2009.04.30	2228	34433
1521	China	China Radio International	Hutubi / Urumqi	2009.11.17	2359	43343
1521	Russia	Radio Mayak	Zapolyarny	2009.11.16	0500	23332
1530	Romania	Radio România Actualități	Mhaileni	2009.05.02	0100	24332
1530	São Tomé e Príncipe	Voice of America	Pinheira	2009.04.30	2158	45454
1530	USA	WVBF	Middleborough MA	2009.05.03	0700	22321
1539	China	CNR 1	Golmud	2009.11.17	1958	24322
1539	Iran	IRIB	Gorgan	2009.11.18	1900	23332
1539	UAE	Voice of America	Al Dhabbaya	2009.11.17	2359	33422

1540	USA	KXEL	Waterloo IA	2009.05.03	0600	33333
1548	China	Shandong PBS, News Service	synchros	2009.11.16	1057	14321
1548	Iran	IRIB	synchros	2009.11.19	0001	23332
1548	UK / England	Magic 1548	Liverpool	2009.11.19	0500	23332
1548	UK / Scotland	Forth 2	Edinburgh	2009.11.16	2057	24323
1550	Algeria	R. Nac. Rep. Arabe Saharai Democr.	Tindouf	2009.04.30	2200	44454
1550	Canada	CBSI8	La Romaine QC	2009.11.19	1057	13311
1550	Cuba	Radio Rebelde	Nuevitas	2009.05.02	0823	23332
1550	USA	WDZK	Bloomfield CT	2009.05.03	0656	23332
1550	USA	WRHC	Coral Gables FL	2009.05.02	0900	23322
1557	Iran	IRIB	Zabol	2009.05.01	2330	22342
1557	Lithuania	Polskie Radio	Sitkunai	2009.11.16	1757	33322
1557	Taiwan	Family Radio	Kou'hu	2009.11.16	1059	34333
1560.059	Brazil	ZYH622 Rádio Difusora Vale do Curu	Pentecoste CE	2009.05.01	2300	33333
1566	Benin	Trans-World Radio	Parakou	2009.04.30	2204	45434
1566	India	All India Radio	Nagpur / Buttibori	2009.11.17	1929	33443
1566	UK / England	BBC Somerset Sound	Taunton	2009.05.01	2329	22422
1566	UK / England	County Sound Radio	Peasmarsh / Guildford	2009.11.16	0002	33323
1575	Italy	RAI Liguria	Genova	2009.11.16	0619	23332
1575	UAE	Radio Farda	Al-Dhabbiya	2009.04.30	2204	33443
1584	Iran	IRIB	Maku	2009.11.20	1830	23332
1584	Italy	RAI Radio 1	Terni	2009.11.20	2200	13321
1584	Spain	SER Radio Ourense	Ourense GA	2009.05.01	0059	43443
1584	Spain / Ceuta	RadiOlé	Costa del Estrecho	2009.05.02	2059	25343
1590	Puerto Rico	WXRF	Guayama	2009.11.16	0004	23332
1593	China	CNR 1	Changzhou	2009.11.16	1059	23322
1593	India	All India Radio	Bhopal	2009.11.18	0022	23322
1593	Japan	NHK 2	Matsue & Niigata	2009.11.20	0917	24343
1593	Kuwait	Voice of America	Al Jahra	2009.11.18	1958	22332
1593	Romania	Radio Cluj / Antena Sibiului	Sibiu	2009.11.17	1957	43333
1593	Romania	Radio România Actualități	Ion Korvinn	2009.11.17	2100	33333
1593	Romania	Radio Târgu Mures	Miercurea Ciuc	2009.11.18	1958	22322
1600	USA	WWRL	New York NY	2009.11.16	0959	32432
1602	Iran	IRIB	Bahabad & Dezful	2009.11.18	1900	22331

1602	Spain	Radio Euskadi	Vitoria EU	2009.04.30	2200	33433
1602	Spain	SER Radio Linares	Linares AN	2009.11.20	1828	33333
1610	Canada	CJWI	Montréal QC	2009.11.16	1000	32432
1611	Vatican City	Radio Vaticana	Santa Maria di Galeria	2009.11.17	1958	24333
1620	Cuba	Radio Rebelde	unknown	2009.05.02	0203	22321
1620	USA	WNRP	Gulf Breeze FL	2009.11.16	0259	23321
1630	USA	WRDW	Augusta GA	2009.05.03	0300	22432
1641.03	Netherlands	Hertog Jan	pirate	2009.11.18	0000	25332
1645.01	Netherlands	Euromast	pirate	2009.11.19	2330	25332
1646.01	Netherlands	Wilskracht Amateur <i>(note 18)</i>	pirate	2009.05.02	2316	25332
1647.01	Netherlands	Kleine Man <i>(note 18)</i>	pirate	2009.05.02	2320	15322
1650	Canada	CINA	Mississauga ON	2009.11.18	0458	32332
1660	USA	WCNZ	Marco Island FL	2009.11.19	2330	34343
1663.906	Netherlands	Klaas Snoek	pirate	2009.11.16	2255	25333
1664.293	Netherlands	Radio Blonde Jongen	pirate	2009.11.15	2257	25333
1664.3	Netherlands	Blonde Jongen / Nonstop Gangster	pirate	2009.11.15	2035	34333
1665	Netherlands	Nonstop Gangster / Barones	pirate	2009.11.19	2324	25343
1665	Netherlands	Old Timer Radio	pirate	2009.11.16	1957	15342
1665.03	Netherlands	Relmus Radio	pirate	2009.11.19	2302	24332
1670	USA	WFSM	Dry Branch GA	2009.05.03	0459	33333
1670	USA	WTDY	Madison WI	2009.05.01	0359	24333
1675.01	Netherlands	Nonstop Gangster	pirate	2009.11.19	2307	25343
1680	USA	WOKB	Winter Garden FL	2009.05.02	0100	23332
1680	USA	WPRR	Ada MI	2009.05.01	0559	32432
1690	Canada	CHTO	Toronto ON	2009.05.01	0601	33332
1690	Canada	CJLO	Montréal QC	2009.05.03	0358	23432
4800	India	All India Radio	Hyderabad	2009.04.30	0018	24332
4860	India	All India Radio	Kingsway / Delhi	2009.05.01	0018	43443
4880	India	All India Radio	Lucknow	2009.05.01	0023	33332
4910	India	All India Radio	Jaipur	2009.05.01	0023	44444
4920	India	All India Radio	Chennai	2009.05.01	0014	44444
4950	India / Kashmir	All India Radio	Srinagar	2009.05.01	0014	35343
4965	India	All India Radio	Shimla	2009.05.01	0023	22332
4965	Zambia	CVC International	Lusaka	2009.05.01	0014	33333

5010	India	All India Radio	Thiruvananthapuram	2009.05.01	0018	45444
6204.982	Netherlands	Radio Scotland International	pirate	2009.05.02	2114	25333
6220.005	unknown	Mystery Radio	pirate	2009.05.02	2109	34343
6309.095	UK / England	Sonnet Radio	pirate	2009.05.02	2125	24333
6309.993	Belgium	Grensstad Radio	pirate	2009.05.02	2217	24222

Notes: *note 1* "Funkhaus Europa" pointed out by Paul Logan / RealDX; *note 2* Assistance with ID from Dmitry Mezin & Mauno Ritola / RealDX; *note 3* ID by Dmitry Mezin / RealDX; *note 4* ID by Rocco Cotroneo / RealDX; *note 5* Assistance with ID from Hiroo Nakagawa & Bjarne Mjelde / RealDX; *note 6* Similar to a recording by Jim Soladie on DXing.info; *note 7* ID by Alan Davies / coastalroundtable; *note 8* Language confirmed by Bjarne Mjelde / RealDX; *note 9* ID confirmed by Rocco Cotroneo / RealDX; *note 10* ID by Alan Davies / coastalroundtable; *note 11* ID by Vlad Titarev / RealDX, offset info from Mauno Ritola / RealDX; *note 12* Station origin by Jeff Ting / RealDX; *note 13* Assistance with ID from Yuxin Qi; *note 14* Language identified by Vlad Titarev / RealDX, audio compared with audio from Mauno Ritola / RealDX; *note 15* ID confirmed by Hiroo Nakagawa & Bjarne Mjelde / RealDX; *note 16* Assistance with ID from Yuxin Qi; *note 17* ID was an exact match with a recording from Mauno Ritola / RealDX; *note 18* Listed in the Dr. Tim bulletin