

NEWFOUNDLAND 2010 LOGGINGS

6 Nov 2010 to 13 Nov 2010

JB Jean Burnell Perseus

JF John Fisher R8

JR Jim Renfrew Perseus

500 meter Beverage at 10 degrees

600 meter Beverage at 162 degrees

DXer	UTC date	From	To	Freq	Station	Location	Country	SINPO Details
JB	2010.11.07	0058	0100	177	Deutschlandradio Kultur	Oranienburg / Zehlendorf	Germany	35354 interview, W ends pgm, M w/ ID including an FM freq, pips, tx off
JR	2010.11.08	1927	1931	198	Radio Mayak	Olgino & Kurovskaya	Russia	"Moscow Nights" IS under BBC
JR	2010.11.08	2228	2231	204	"YFY"	Forbay-Iqaluit	Canada	NDB, from Nunavut
JB	2010.11.07	2200	2201	207	Deutschlandfunk	Aholming	Germany	24353 tk, ID, pips, nx by W
JB	2010.11.11	2000	2001	207	Ukrainian Radio 1	Kyiv	Ukraine	23342 pips, distinctive theme mx, W w/ nx, // 675, 972; QRM Deutschlandfunk
JR	2010.11.08	1927	1931	207	UR1	Kyiv	Ukraine	Distinctive music // 675, 972 and 1377
JR	2010.11.09	0200	0205	214	"YIO"	NU Pond Inlet	Canada	NDB
JR	2010.11.09	0040	0050	216	"CLB"	NC Wilmington	USA	NDB
JR	2011.11.09	0200	0205	218	"YUY"	PQ Rouyn	Canada	NDB
JR	2010.11.09	0228	0232	241	"YGT"	NU Igloolik	Canada	NDB
JR	2011.11.09	0314		245	"CB"	NU Cambridge Bay	Canada	NDB
JB	2010.11.07	0059	0101	252	RTE Radio 1	Clarkestown	Ireland	33353 Kris Kristofferson song, contact for requests, fanfare, "One o'clock" nx; over Algeria
JR	2011.11.09	0322		254	"5B"	PE Summerside	Canada	NDB
JR	2010.11.09	0429	0433	256	"YCY"	NU Clyde River	Canada	NDB
JR	2010.11.08	2056	2102	257	YR	NL Goose Bay	Canada	NDB
JB	2010.11.06	1959	2001	261	Radio Rossii	Taldom	Russia	24343 station promo/hype, 2000 pips, ID, nx by W; over Bulgaria
JR	2010.11.09	0200	0328	270	"NN-E"	Nanortalik	Greenland	NDB
JR	2010.11.08	2156	2202	272	"SAL"	Sal Island	Cape Verde Is.	NDB
JR	2010.11.08	2056	2102	273	ZV	PQ Sept-Iles	Canada	NDB
JR	2010.11.09	0328	0333	285	"UHA"	PQ Quaqtaq	Canada	NDB
JR	2011.11.09	0328	0333	293	"TAT"	Molde	Norway	NDB
JR	2010.11.09	0040	0050	298	"KU"	Kook Island	Greenland	NDB
JR	2010.11.09	0328	0333	305	"YQ"	MB Churchill	Canada	NDB
JR	2010.11.08	1957	2002	319	VAR	Stavanger	Norway	NDB
JR	2010.11.08	2157	2203	322	"KOR"	Helsinki / Korso	Finland	NDB
JR	2010.11.09	0332		323	TAB	Crown Point	Trinidad	NDB
JR	2010.11.08	2056	2102	323	UWP	NL Argentia	Canada	NDB
JR	2010.11.09	0328	0333	323	"KR"	PQ Schefferville	Canada	NDB

JR	2010.11.08	2056	2102	327	POR	Porto	Portugal	NDB
JR	2010.11.08	2056	2102	331	FH	Paamquit	Greenland	NDB
JR	2010.11.09	0200	0205	336	"BV"	PQ Champlain	Canada	NDB
JR	2010.11.08	2056	2102	340	YY	PQ Mt. Joli	Canada	NDB
JR	2010.11.08	2056	2102	342	LL	Leirin	Norway	threshold NDB
JR	2010.11.08	2358	0005	344	"YGV"	Havre St. Pierre PQ	Canada	NDB
JR	2010.11.09	0228	0232	351	"YKQ"	PQ Waskaganish	Canada	NDB
JR	2010.11.09	2157	2203	355	"PIK"	Prestwick	Scotland	NDB
JR	2010.11.08	2029	2032	359	NA	Narsarsuaq	Greenland	NDB
JR	2010.11.08	2056	2102	360	PN	PQ Port Menier	Canada	NDB
JR	2010.11.08	2156	2202	362	"YZS"	Coral Harbor NU	Canada	NDB from Nunavut
JR	2010.11.08	2358	0005	362	"YZS"	Coral Harbor NU	Canada	NDB
JR	2010.11.09	0228	0232	362	"GND"		Grenada	NDB
JR	2010.11.08	2358	0005	365	"YGZ"	Gris Fiord NU	Canada	NDB
JR	2010.11.08	2056	2102	366	3R	NL Postville	Canada	NDB
JR	2010.11.08	2129	2133	366	UTH	Oland / Uthaug	Norway	NDB
JR	2010.11.08	2056	2102	367	6F	NL Port Hope	Canada	NDB
JR	2010.11.08	2056	2102	370	GR	PQ Grindstone	Canada	NDB, Iles de Madeline
JR	2010.11.08	2257	2302	371	"BRS"	Bremsnes	Norway	NDB
JR	2010.11.08	1927	1932	372	OZN	Prins Christian Sund	Greenland	NDB
JR	2010.11.09	0100	0105	373	"YXK"	PQ Rimouski	Canada	NDB
JR	2010.11.08	1957	2002	375	VM	Westmannaeyar	Iceland	NDB
JR	2010.11.08	2056	2102	377	DA	Kulusuk	Greenland	NDB
JR	2010.11.09	0400	0405	378	"RSY"	Stavenger	Norway	NDB
JR	2010.11.08	2257	2302	379	"REK"	Reksten	Norway	NDB
JR	2010.11.08	1957	2002	380	FIL	Horta	Azores	NDB
JR	2010.11.09	0200	0205	382	"YSR"	NU Nanisivik	Canada	NDB
JR	2010.11.08	2056	2102	382	SF	Sondrostrom	Greenland	NDB
JR	2010.11.08	2056	2102	384	SLG	Sligo	Ireland	NDB
JR	2010.11.08	1927	1932	386	SPM	St. Pierre	St. Pierre et Miquelon	NDB
JR	2010.11.09	2127	2203	389	"MR"	Skein/Geiteryggen/Myra	Norway	NDB
JR	2010.11.08	2056	2102	392	KF	Keflavik	Iceland	NDB
JR	2010.11.09	2157	2203	395	"FOY"	Foynes for Shannon	Ireland	NDB
JR	2010.11.08	2358	0005	395	"LAY"	Islay	Scotland	NDB
JR	2010.11.09	0400	0405	395	"PNC"	Porto Nacional	Brazil	NDB
JR	2010.11.09	2128	2134	398	"AL"	Alesund/Vigra	Norway	NDB
JR	2010.11.08	1957	2002	398	MT	St. Navaire	France	NDB
JR	2010.11.08	2056	2102	407	GAR	Dublin	Ireland	NDB, very weak but only 50 watts
JR	2010.11.08	2358	0005	409	"SG"	Satenas	Sweden	NDB
JR	2010.11.08	2056	2102	414	BRI	Bristol	UK	NDB

JR	2010.11.08	2029	2032	417	AH	Angelholm	Sweden	NDB
JR	2010.11.08	2358	0005	418	"L"	Tallinn	Estonia	NDB
JR	2011.11.09	0328	0333	419	"RA"	Tyrla East A platform	Offshore	North Sea NDB
JR	2010.11.08	2029	2032	419	HY	Vaasa	Finland	NDB
JR	2010.11.08	2029	2032	421	MF	Hamstad	Sweden	NDB
JR	2010.11.08	1927	1932	421	GE	Madris / Grinon	Spain	NDB
JR	2010.11.09	2157	2203	423	"FE"	Odense	Denmark	NDB
JR	2010.11.08	2257	2302	427	"HDY"	Halfdan Platform	Offshore	North Sea NDB
JR	2010.11.08	2029	2032	427	RY	Royan	France	NDB
JR	2010.11.09	2157	2303	431	"SAY"	Stornoway	Scotland	NDB
JR	2010.11.09	0444		490	NAVTEX E "FRC"	Corsen	France	French
JR	2010.11.09	0540		490	NAVTEX K "TFK"	Grindavik	Iceland	Icelandic
JR	2010.11.09	0940		490	NAVTEX K "TFK"	Grindavik	Iceland	Icelandic, "Reykjavik via Grindavik"
JR	2010.11.09	0550		490	NAVTEX L "DDH-49"	Hamburg	Germany	German
JR	2010.11.09	0714		490	NAVTEX G "CTV"	Monsanto	Portugal	Portuguese
JR	2010.11.09	0520		490	NAVTEX I "GNI"	Niton	UK	English
JR	2010.11.09	0600		490	NAVTEX T "GNI"	Niton	UK	French
JR	2010.11.09	0432		490	NAVTEX D "VCK"	Rivière-au-Renard	Canada	French
JR	2010.11.09	0840		490	NAVTEX E "TFA"	Saudanes	Iceland	Icelandic, "Reykjavik via Saudanes"
JR	2010.11.09	0657		490	NAVTEX J "VCO"	Sydney	Canada	French
JR	2010.11.09	0500		490	NAVTEX G "EAC"	Tarifa	Spain	Spanish
JR	2010.11.08	1957	2002	492	E8	Natuashish	Canada	NDB (unofficial)
JR	2010.11.08	2029	2032	517	ARD	Arad	Romania	NDB
JR	2010.11.12	0825		518	NAVTEX B "ZBR"	Bermuda Harbour	Bermuda	
JR	2010.11.10	0146		518	NAVTEX N "NMN"	Chesapeake	USA	
JR	2010.11.09	0008		518	NAVTEX A "FRC"	Corsen	France	
JR	2010.11.12	0031		518	NAVTEX D "EAR"	Coruna	Spain	
JR	2010.11.08	2108		518	NAVTEX G "GCC"	Cullercoats	UK	All NAVTEX logs identified by using SEATTY software
JR	2010.11.08	2232		518	NAVTEX P "PBK"	Den Helder	Netherlands	
JR	2010.11.08	2350		518	NAVTEX X "TFK"	Grindavik	Iceland	"Reykjavik via Grindavik"
JR	2010.11.08	2307		518	NAVTEX S "DDH-551"	Hamburg	Germany	
JR	2010.11.10	2350		518	NAVTEX X "VOK"	Labrador	Canada	
JR	2010.11.08	2145		518	NAVTEX Q "EJM"	Malin Head	Ireland	
JR	2010.11.08	2257		518	NAVTEX R "CTV-251"	Monsanto	Portugal	
JR	2010.11.08	2151		518	NAVTEX E "GNI"	Niton	UK	
JR	2010.11.08	2140		518	NAVTEX K "GNI"	Niton	UK	
JR	2010.11.08	2211		518	NAVTEX N "LGD"	Orlandet	Norway	
JR	2010.11.10	2208		518	NAVTEX M "OST"	Ostend	Belgium	
JR	2010.11.08	2204		518	NAVTEX O "OST"	Ostend	Belgium	
JR	2010.11.08	2310		518	NAVTEX T "OST"	Ostend	Belgium	

JR	2010.11.09	1826		518 NAVTEX O	"GPK"	Portpatrick	UK	
JR	2010.11.11	0417		518 NAVTEX C	"VCK"	Rivière-au-Renard	Canada	
JR	2010.11.08	2154		518 NAVTEX L	"LGQ"	Rogaland	Norway	
JR	2010.11.10	0206		518 NAVTEX R	"NMR"	San Juan	Puerto Rico	
JR	2010.11.13	0250		518 NAVTEX R	"TFA"	Saudanes	Iceland	
JR	2010.11.11	0901		518 NAVTEX E	"NMF"	Savannah	USA	
JR	2010.11.13	2219		518 NAVTEX O	"VON"	St. John's	Canada	
JR	2010.11.08	2137		518 NAVTEX J	"SDJ"	Stockholm	Sweden	
JR	2010.11.13	0239		518 NAVTEX Q	"VCO"	Sydney	Canada	
JR	2010.11.08	2321		518 NAVTEX U	"ESA"	Tallinn	Estonia	
JR	2010.11.09	0031		518 NAVTEX D	"OXJ"	Torshavn	Faroe Islands	
JR	2010.11.09	1945		518 NAVTEX W	"EJK"	Valentia	Ireland	
JR	2010.11.10	0120		518 NAVTEX I	"SAS"	Varberg	Sweden	
JR	2010.11.08	2029	2032	525 WRW		Wroclaw	Poland	NDB
JB	2010.11.13	0457	0503	530 Radio Enciclopedia		La Habana HA	Cuba	34343 light instr mx, 0501 NA, 0501:40 ID, piano mx; static
JB	2010.11.10	2159	2201	531 Radio Algérienne		F'Kirina	Algeria	33443 pgm wrapping up w/ names, e-mail address, 2200 pips, W w/ ID, heroic mx, nx headlines, // 549; QRM Spain
JR	2010.11.08	2029	2032	531 Islamic Republic of Iran Broadcasting		Hamadan	Iran	3 chimes interval signal heard under RNE
JR	2010.11.08	2257	2303	540 Islamic Republic of Iran Broadcasting		Mashhad	Iran	3 tone IS at 2203z, poor under CBC.
JB	2010.11.13	2300	2301	540 CBGA1		New Carlisle QC	Canada	22342 ID as "Vous écoutez la première chaîne de Radio-Canada, CBGA, Gaspésie-les Îles", TC, nx; under CBT
JB	2010.11.11	0930	0931	540 WFLF		Pine Hills FL	USA	32332 W ID's as "WFLA", nx item, M ID's again as WFLA; far beneath CBT
JB	2010.11.10	0328	0331	540 Kossuth Radio		Solt	Hungary	43443 fanfare, poss s/on, ID, news; QRM CBT
JR	2010.11.08	2055	2102	540 MR1 Radio Kossuth		Solt	Hungary	Nice ID "MR1 Radio Kossuth" through CBT
JB	2010.11.13	0900	0905	540 Grenada Broadcasting Corp.		St. George's	Grenada	32332 choral mx, w/ last words "Grenada, Grenada, Grenada", 0903 same choir w/ anthem "Hail Grenada", 0904 deep-voiced M "you are listening to" but too weak, "Morning Has Broken"; under CBT
JB	2010.11.09	0025	0027	549 Radio Slovenija 1		Beli Kriz	Slovenia	32432 Slovenian: W interviews M, // 918; QRM from Germany (dominant) and Algeria (fading up)
JR	2010.11.08	1957	2002	549 Deutschlandfunk		synchros	Germany	// 756, woman speaking in German, mixing with Russia "Moscow Night" IS
JB	2010.11.07	2029	2031	549 Radio Mayak		synchros	Russia	23342 pop mx, 2029:40 jingle, IS once, 2030 nx; QRM Algeria then Germany
JR	2010.11.08	1900	1900	549 Radio Mayak		synchros	Russia	Radio Mayak interval signal
JF	2010.11.08	0005	0007	549 Deutschlandfunk		Thurnau & Nordkirchen	Germany	Poor EG/GG interview // 756
JB	2010.11.13	0936	1000	550 WGR		Buffalo NY	USA	32432 sports promo men "ESPN", ads, 0940 lotto ad, promo for college football on "WGR 5-50 dot com", then "ESPN Radio Sports Center", sports tk ... 1000 "All sports, all the time, sports radio 5-50 WGR, Buffalo"; QRM mainly Mundial Venezuela

JB	2010.11.09	0900	0903	550	Mundial YVKE	Caracas	Venezuela	33333	fading up w/ ID's for whole network, patriotic slogan, traditional mx pgm "Amanecer Mundial"
JB	2010.11.13	0735	0804	550	Radio Colonia CW1	Colonia	Uruguay	34343	local mx w/ guitar and tight harmonies, 0801 fanfare, ID, nx, 0802:30 ad, 0803 promo for "Disco Exitos", ad; QRM Mundial
JB	2010.11.09	0759	0801	555	ZIZ Radio	Basseterre, St. Kitts	St. Kitts & Nevis	35343	end of BBC "Americana" pgm, BBC promo/ID, just before TOH, silence, canned ID ZIZ Radio, "10 thousand watts of power", mx
JR	2010.11.08	2055	2102	558	Spectrum Radio	Crystal Palace	UK / England		bits of English through Spain, "spectrumradio.com", then news after the top of the hour, doesn't seem to reflect program schedule in EMWG
JR	2010.11.08	2029	2032	558	Radio Farhang	Gheslagh	Iran		3 chimes interval signal heard under RNE, nothing that would identify this as something other than IRIB.
JR	2010.11.08	2029	2032	558	Radio Farhang	Gheslagh	Iran		3 chimes as with others, but no ID; under much stronger Spain,
JB	2010.11.10	0625	0625	558	RNE Radio 5	La Coruña GA	Spain	33333	regional break: sounder, 0625:25 "Radio Nacional de España, Galicia", W w/ nx from Galicia
JB	2010.11.11	0625	0626	558	RNE Radio 5	La Coruña GA	Spain	23232	regional break: sounder, 0625:25 "Radio Nacional de España, Galicia", faded into a mess
JB	2010.11.10	2353	2356	558	All India Radio	Mumbai	India	13321	very weak IS, 2355 "Vande Mataram"; under Spain and others
JB	2010.11.10	0625	0625	558	RNE Radio 5	Valencia VA	Spain	22321	regional break: sounder, 0625:25 "Radio Nacional ..., Comunitat Valenciana", under RNE5 La Coruña
JB	2010.11.07	0928	0932	560	Radio Nacional de Venezuela YVRH	Ciudad Guayana	Venezuela	33333	W w/ nx, tel reports, 0930 M gives names of presenters, TC as "cinco cero minutos", PSA
JB	2010.11.12	2343	2343	560	Rádio Paulista AM ZYK761 (tent)	Santa Isabel SP	Brazil	23322	distinctive, grim IPDA preacher, same guy as on Iracema 1300 but apparently not //, during brief fade-down by R. Educadora and WGAN, but no ID [only IPDA station listed on 560]
JB	2010.11.13	2127	2130	560	Rádio Educadora do Maranhão ZYH887	São Luís MA	Brazil	33343	football play-by-play, 2127:40 ID with outrageous sound effects, ads and slogans; QRM WGAN and another Brazilian
JB	2010.11.11	0625	0626	567	RNE Radio 5	Murcia MU	Spain	23322	regional break: sounder, 0625:25 "Radio Nacional de España, Murcia", fade
JR	2010.11.08	1957	2002	567	Radio Romania Actualitati	synchros	Romania		// 1152 and 855 with sports play-by-play
JR	2010.11.08	1957	2002	567	RAI Uno	synchros	Italy		Fax sound effect then pips // 900 and others
JR	2010.11.08	1927	1931	567	Radio Rossii	Volgograd	Russia		Radio Rossii ID, // 873
JB	2010.11.10	0330	0331	567	Radio Rossii	Volgograd	Russia	23322	rock mx, M ancr men Radio Rossii, enthusiastic tk, // 873; QRM Syria and Spain
JR	2010.11.08	2129	2133	575	UNID				Strong line in the Perseus waterfall, possibly with English announcing (frequency?) numbers, poor
JB	2010.11.08	0018	0020	576	All India Radio	Kalavoor / Alappuzha	India	22332	1060-Hz tone, IS, fades w/ no sign of Vande Mataram; strong QRM from Germany
JB	2010.11.11	0625	0626	576	RNE Radio 1	Las Palmas	Canary Islands	33333	regional break: sounder, 0625:25 "Radio Nacional, Canarias", local nx, // 720
JF	2010.11.08	0000	0010	576	SWR Cont. Ra.	Mühlacker	Germany		Fair time pips, ID as "MDR Info", GG nx. Very good by 0010
JB	2010.11.11	2100	2101	576	SWR Cont. Ra.	Mühlacker	Germany	24333	happy mx, ID, pips, TC, nx with Florian Rudolf (Stephanie's cousin)
JB	2010.11.11	0929	0930	580	WDBO	Orlando FL	USA	23321	mix of weak sigs, "...WDBO. Hi folks, I'm [male name]..." poss promo
JB	2010.11.09	0158	0158	580	Rádio Boas Novas ZY1776	Recife PE	Brazil	22321	beneath many stations w/ enthusiastic tk, "Rádio Boas Novas" weak but fairly clear in a gap

JB	2010.11.12	2340	2341	580 Rádio Relójo - ZYJ465	Rio de Janeiro RJ	Brazil	23322	web address of something, "Nossa Rádio Relójo", mx; QRM WKAQ
JB	2010.11.13	0929	0932	580 WKAQ	San Juan	Puerto Rico	33343	hype, 0930 ID and web-site, promo and many ads
JB	2010.11.10	0029	0031	594 Islamic Republic of Iran Broadcasting	Shiraz	Iran	23332	spacy mx, M w/ dramatic tk over, // 936 and many others, 1.02 sec behind 936
JB	2010.11.09	0930	0931	600 CKAT	North Bay ON	Canada	23321	C+W song, 0930:30 ad: "... North Bay's ... we've been there for you for over 70 years ...", fade; QRM CBNA and Latin stn
JB	2010.11.13	0259	0301	600 Rádio Mirante AM ZYH920	São Luís MA	Brazil	23432	light orch mx, 0300:15 full ID w/ call, 0301 M tk re the stn, 0301:40 mx; QRM R. Rebelde
JB	2010.11.13	0457	0502	600 Rádio Mirante AM ZYH920	São Luís MA	Brazil	33333	mx, 0458 ID w/ call letters, address, e-mail, phone number, hype, 0500 mx; QRM US rel stn?
JR	2010.11.09	0257	0302	603 Holy Koran Radio	Barnis	Egypt		Covering France, male begins intoning over music, no ancts. Call to Prayer at 0302? Sign-on? Tentative.
JB	2010.11.09	1959	2001	603 România Actualitata	Botoshani et al.	Romania	33333	promo, ID, TC, pips, nx; QRM France
JB	2010.11.10	0330	0331	603 France Info	Lyon	France	34344	Enya, sounder, ID, TC, "flash" nx
JR	2010.11.09	0257	0302	603 R.Romania Actualitati	synchros	Romania		"Radio Romania Actualitati" ID heard
JB	2010.11.08	2130	2132	603 Oldiestar	Zehlendorf	Germany	22332	M reading nx in German becomes evident, 2131 "Beyond the Sea" by Bobby Darin; QRM France and poss Iran
JR	2010.11.09	0328	0333	603 UNID				During France silence, bells, then France comes back. Not Romania. Who?
JR	2010.11.09	0400	0405	610 Radio Rebelde	Bahia Honda	Cuba		News about "Partida Comunista"
JB	2010.11.13	0159	0201	610 Rádio Itatiaia ZYL268	Belo Horizonte MG	Brazil	33333	energetic tk, jingle and ID, ad, Itatiaia song; QRM Rebelde
JB	2010.11.13	0959	1001	610 WGIR	Manchester NH	USA	23332	promo men WGIR dot com, then promo men WGIR twice, short fade, nx; QRM Rebelde and US stn
JR	2010.11.08	2358	0005	610 WIOD	Miami FL	USA		"News Radio 610 WIOD"
JB	2010.11.13	0932	0933	610 WIOD	Miami FL	USA	33323	fade up "WIOD 24 hour traffic", promo, "NewsRadio WIOD", PSA, later "Coast to Coast"; QRM Rebelde
JB	2010.11.08	0113	0114	610 Radio Rural CX4	Montevideo	Uruguay	23332	tk, men "Radio Transmundial Uruguay" twice; QRM from Brazilian increasing in strength
JB	2010.11.10	0500	0500	612 Radio Mayak	Pedaselga	Russia	23321	IS twice before the TOH, pips, fanfare; QRM R. Liberty
JR	2010.11.09	2157	2203	612 Radio Baltic Waves	Vilnius	Lithuania		"Radio Svoboda" (man), "Radio Baltskiye" (woman), then "Polish Radio" IDs in succession at 2200
JR	2010.11.08	1900	1900	612 Radio Liberty	Vilnius / Viršuliškes	Lithuania		Radio Liberty interval signal
JB	2010.11.09	2159	2201	612 Radio Liberty / Radio Baltic Waves	Vilnius-Viršuliškes	Lithuania	33333	"Radio Swaboda" pgm ending, ID right after TOH is "Radyo Baltyiskiye Zwale" then a few words, pause , fanfare "Polsie Radio __, Polish Radio East(ern?) Service" ID
JB	2010.11.10	0625	0627	612 RNE Radio 1	Vitória EU	Spain	23332	regional break: sounder, 0625:25 "Radio Nacional de España, Eukadi",W w/ nx, men "Vitória"
JB	2010.11.06	2000	2001	612 RNE Radio 1	Vitória EU & Lleida CA	Spain	33333	net pgm, but rarely logged on this freq, sometimes echoing: Pet Shop Boys, ID, bit of tk over mx, then W w/ sports results
JR	2010.11.08	2129	2133	612 UNID		Russia		"Moscow Nights" IS, anncts, cell phone beeps, several services on this channel; not sure which one this was.

JR	2010.11.08	2055	2102	615	STB	Stratfjord B	Offshore	NDB (located in the North Sea west of Norway, Grid Square JP01)
JB	2010.11.13	0002	0004	620	Rádio Globo ZYH590	Fortaleza CE	Brazil	22331 hype, "Globo noticias" jingle, nx, 0003 sound effect and wx, at 0003 // 1220; QRM CKCM
JB	2010.11.10	2030	2031	621	Islamic Republic of Iran Broadcasting	Bandar Abbas & Birjand	Iran	32332 mx (anthem?), 3 chimes, ID by W, militaristic song; QRM Belgium and Canary Is.
JB	2010.11.09	2000	2002	621	GTRK Komi	Syktyvkar	Russia	23322 lively mx, 2000 pips, Russian ID by W ending w/ "Radio Komi", nx by W; QRM France
JB	2010.11.08	0359	0402	630	Radio Rivadavia LS5	Buenos Aires	Argentina	33333 nx throught TOH, over pips, ID at 0401:15, tk but fading; QRM other stn in Spanish
JB	2010.11.10	0959	1001	630	Radio Progreso	Camagüey CM	Cuba	23333 pgm of Cuban mx ending, 0959 Radio Progreso big ID, 1000 one gong, TC "cinco", "A primera hora" pgm begins
JB	2010.11.14	0016	0018	630	Romania Actualitati	Ortisoara	Romania	33433 "New York, New York", "Romania Actualitat" ID, Boney M "Rivers of Babylon"; NRK faded down briefly leaving this
JB	2010.11.13	0912	0915	630	NotiUno WUNO	San Juan	Puerto Rico	34333 nx w/ many TC's, sound effects, hype, "NotiUno" ID's; splatter
JB	2010.11.06	2300	2301	639	Cesky Rozhlas	Praha	Czech Republic	23332 just the anthem, // 954; QRM Spain
JB	2010.11.07	2200	2201	639	Cesky Rozhlas	Praha	Czech Republic	23332 unusual sounder, ID, nx by W, // 954; over UNID stn and splatter from CBN
JB	2010.11.10	0022	0024	648	All India Radio	Indore	India	13331 1000 Hz tone to 0023:35, then begins IS immediately, fades in less than a minute; splatter
JB	2010.11.09	2300	2301	648	BBC European Service	Orfordness	UK / England	24332 violin mx, 2300 "This is the BBC", W reads nx
JB	2010.11.11	0929	0930	650	Radio Progreso	Ciego de Ávila CA	Cuba	23332 fade up over CKGA and KNR IS w/ ID, 4:30 TC, Cuban mx pgm
JB	2010.11.07	0928	0931	650	Kalaallit Nunaata Radioa	Qeqertarsuaq	Greenland	22331 glimpses of the IS; very far under CKGA
JB	2010.11.11	0929	0930	650	Kalaallit Nunaata Radioa	Qeqertarsuaq	Greenland	22332 IS under/over CKGA and R. Progreso, but destroyed by VOXM's sound effects at 0930
JR	2010.11.09	2157	2203	657	Radio Ukraine International	Chernivtsi	Ukraine	Bells IS matches ISOL recording, all else wiped out by Italy
JR	2010.11.09	2128	2134	657	Golos Rossi	Murmansk	Russia	Golos Rossi signature flourish, not much else
JF	2010.11.08	0000	0025	657	RAI Uno	synchros	Italy	Poor Italian talk, pips, ID as RAI. Fr nx at 0012 (listed at 0006)
JR	2010.11.08	1957	2002	657	RAI Uno	synchros	Italy	Fax sound effect then pips // 900 and others
JR	2010.11.08	1927	1931	657	Islamic Republic of Iran Broadcasting	Zahedan	Iran	Chimes at BOH, // many other channels, very weak here
JB	2010.11.09	0832	0833	660	Radio Auténtica HJJM (tent)	Calí	Colombia	32442 W w/ rel tk, definitely addressing Colombians (mentioned), but no ID; under WFAN [two Colombians on this freq, this one is 24 h religion, the other, Colmundo, seems to be news]
JB	2010.11.09	2033	2035	666	BBC Radio York	Fulford	UK / England	32322 fading up w/ football results, promo for BBC pgm w/ Yorkshire website, mx, lost to Greek; QRM Germany and Greece mainly
JR	2010.11.09	2056	2101	666	BBC Radio York	Fulford	UK	Sports scores across the top of the hour. No ID.
JB	2010.11.08	0024	0025	666	All India Radio	New Delhi	India	13331 IS emerges briefly
JB	2010.11.07	2000	2001	666	SWR Cont. Ra.	Rohrdorf	Germany	23343 W tk, GG, jazzy piano mx, W w/ ID, pips, TC, nx
JR	2010.11.08	1857	1901	666	SWR Cont. Ra.	Rohrdorf	Germany	two stations mixing, one is German
JB	2010.11.11	2100	2101	666	SWR Cont. Ra.	Rohrdorf	Germany	24333 happy mx, ID, pips, TC, nx with Florian Rudolf (Stephanie's cousin)

JB	2010.11.10	2159	2201	670 Radio Rumbos YVLL	Caracas	Venezuela	33333	nx report, "Noti-Rumbos" hype, 2 fast-paced M intro other nx items
JB	2010.11.08	2159	2201	670 Rádio Globo Curitiba ZYJ248	Curitiba PR	Brazil	33332	A Voz do Brasil ends, "Globo Curitiba" ID and talk about R. Globo; a mix of Brazilians
JR	2010.11.08	2358	0005	670 WWFE	Miami FL	USA		"La Poderosa", talk radio for South Florida, in English and Spanish
JR	2010.11.08	2029	2032	675 Libyan Jamahiriya BC	Bengazi	Libya		Lilting music // 1054 & 1449
JB	2010.11.07	2000	2001	675 Radio Maria	Lopik	Netherlands	33343	tk, ID and web address, choral mx
JB	2010.11.09	0059	0101	675 Norsk Rikskringkasting	Røst	Norway	32332	"You'll Never Walk Alone", sound effect, W w/ nx but probably no ID, // 630; under R. Maria
JF	2010.11.08	0001	0003	675 NRK	Røst	Norway	Fair-Good	Norwegian mx // 630, fading up nicely over Radio Maria
JB	2010.11.13	1957	1958	675 Radio Zakarpatske Oblasne	Uzhhorod	Ukraine	22322	far beneath R. Maria, fade up w/ crowd noises, M w/ ID, poss rel song but not sure it's the same stn
JB	2010.11.07	2000	2001	675 Ukrainian Radio	Uzhhorod	Ukraine	22332	buried under R. Maria and NRK until 2000, sounder, ID, M w/ nx, // 837, 972
JR	2010.11.08	1927	1931	675 UR1	Uzhhorod	Ukraine		Distinctive music, one word heard "Narodnyia" ("people" in Russian, maybe Ukrainian too), very weak // 207, 972 and 1377
JB	2010.11.07	0929	0931	680 Radio Continente YVQR	Cumaná	Venezuela	32332	Venez mx, ID, ad; under WRKO
JR	2010.11.08	1927	1931	684 Radio Radonezh	Sankt-Petersburg	Russia		Talk and music // 846, ID as "Radio Radonezh" in momentary RNE break
JB	2010.11.13	0924	0928	690 Radio Recuerdos HJCZ	Bogotá	Colombia	23332	ballad, 0924:30 jingle, M w/ ID, then W tk men "barrio"
JB	2010.11.10	2200	2201	690 Rádio Dragão do Mar ZYH587	Fortaleza CE	Brazil	33343	English pop song, ID w/ call over the song; QRM mainly splatter
JB	2010.11.13	0458	0501	690 Rádio Shalom ZYH587	Fortaleza CE	Brazil	34343	ex R. Dragão do Mar as of a few days; pgm "Activos Shalom" ends, 0459 ID w/ call, TC, "Musical Shalom 690" begins w/ insipid mx
JB	2010.11.08	1026	1029	690 CBKF1	Gravelbourg SK	Canada	23333	fade through Cuba, French tk, 1027 mx (//ed w/ 860, weak stn behind CJBC), interview about Cameroon
JB	2010.11.08	1018	1018	690 WOKV	Jacksonville FL	USA	12322	"WOKV Weather-meter" by W; very briefly peeping through Rebelde
JB	2010.11.13	1000	1002	690 Radio Progreso	Jovellanos MA	Cuba	33333	not sure if this is one of the signals before 1000, ID at 1001
JB	2010.11.13	0912	1001	690 Voz de los Andes HCJB1	Pifo	Ecuador	33323	0912 Andean flutes, but fades quickly ... 0920 flutes again, W not in Spanish but w/ ID including freq, then M tk; QRM is a Latin (Progreso?) ... 0958 fade up w/ very nice flutes, 0959:30 some anmt, 1000 pips, W tk over flutes; buried by R. Progreso
JR	2010.11.08	1857	1901	693 Voice of Russia	Henningsdorf	Germany		VO Russia bells, at 1930 Morse code burst "V1"
JB	2010.11.10	2000	2002	693 RNE Radio 1	synchros	Spain	32342	pop mx, pips, TC, ID, nx; over/under BBC
JF	2010.11.08	1008	1013	693 NHK2	Tokyo	Japan		Poor English lesson //774
JB	2010.11.08	0948	1001	693 NHK 2 JOAB	Toyko	Japan	23333	English lesson about buying music "Take a trip down memory lane" over and over; splatter
JB	2010.11.09	1001	1002	700 W Radio HJCX	Calí	Colombia	23332	heroic mx, news items, "Doble oo Radio", says Colombia is the most violent country; QRM other Latins
JB	2010.11.13	0258	0302	700 Radio Córdoba LV3	Córdoba	Argentina	33433	nx headlines, wx, lottery numbers, 0300 "Radio Córdoba" ID, pips, anthem, big fade but poss some choral anthem; QRM includes Globo
JB	2010.11.13	0502	0503	700 Radio Córdoba LV3	Córdoba	Argentina	34333	fades up as R. Eldorado fades down; W "Cadena Tres" slogan as she intros mx
JB	2010.11.13	0919	1002	700 Radio Sucre HCRS2	Guayaquil	Ecuador	24322	local mx, M w/ ID, lively mx; loud white noise

JB	2010.11.08	1926	1927	700 R. Nacional Rep. Arabe Saharai Democr.	Rabouni / Tindouf	Algeria / Clande	24343	man tk in Arabic, // 6300
JB	2010.11.13	0359	0401	700 Rádio Eldorado ZYK686	São Paulo SP	Brazil	33333	"Madrugada Eldorado" ad string, 0400:30 nx; QRM Globo
JB	2010.11.13	0359	0401	700 Rádio Globo ZYI890	Teresina PI	Brazil	22332	"Madrugada" pgm, jingles/hype, 0400 "Globo Noticias" w/ sound effects, then freq as "1220 AM" and nx, // 1220; QRM Eldorado
JB	2010.11.09	0900	0900	700 UNID			23321	within the blob of weak audios there's an unequivocal SER sounder and "Cadena SER servicios informativos"; no Spanish stations audible at this time
JB	2010.11.09	2159	2201	702 China Radio International	Col de la Madonne	France / Monaco	23343	mx, Chinese talk, French anmt about end of pgm w/ ID's in French, pips, French nx; over mainly NDR-Info
JR	2010.11.08	2257	2303	702 NDR Info	Flensburg	Germany		Same news in German as 972
JB	2010.11.09	0003	0005	702 NDR Info	Flensburg	Germany	33323	fade over presumed Saudi w/ German nx
JB	2010.11.12	0200	0201	702 NDR Info	Flensburg	Germany	23332	0159:30 tk, celeste tune, sounder, "NDR-Info", TC, nx, // 972; splatter
JR	2010.11.08	1927	1931	702 Islamic Republic of Iran Broadcasting	Kiahshahr	Iran		Chimes as on many other channels, ID might have been "Govorit Iran" or "Govorit Tehran"
JB	2010.11.08	2030	2032	702 Voice of the Islamic Republic of Iran	Kiashahr	Iran	33433	beginning of broadcast w/ 3 chimes, ID in Spanish, men's militaristic song, Koran; splatter [wonder if this broacast was by mistake - bizarre freq for Spanish and seems to be unlisted]
JR	2010.11.08	2029	2032	702 VOIRI	Kiashahr	Iran		ID "Aqui Iran, La Voz Islamica de Iran," followed by anthem, 3 chimes as IRIB, but each one a higher tone than the previous
JB	2010.11.13	0801	0804	710 Radio Diez LRL202	Buenos Aires	Argentina	22322	nx, wx for Buenos Aires, ID; UNID QRM
JR	2010.11.08	1927	1931	711 Islamic Republic of Iran Broadcasting	Ahwaz	Iran		Chimes as on other channels, weak
JB	2010.11.09	2200	2201	711 Radio Romania Actualitati	Oncești / Sighetu Marmatie	Romania	23323	pop mx, M w/ ID, "hora exacta", pips, nx; QRM France
JR	2010.11.09	2157	2203	711 Radio Romania Actualitati	Sighet Maramuresh	Romania		ID, "hora exacta", 6 pips // 855
JR	2010.11.09	1956	2002	711.08 RTM	synchro	Morocco		Woman with news mentions Magribbya, // 612
JB	2010.11.11	0012	0016	720 All India Radio	Chennai	India	22421	1050-Hz tone, ends at 0013, 0014:45 IS, 0015 W w/ a few words, "Vande Mataram", 0016 poss tk; far beneath KNR
JB	2010.11.13	0800	0802	720 Radio Cuyo LV10	Mendoza	Argentina	23322	pips, some talk, sounder, 0800:30 "Continental" (network) ID and nx; QRM from many sources
JB	2010.11.12	0929	0931	720 Radio Venezuela Oriente YVQE	Porlamar	Venezuela	33333	orch version of "El Carite", full ID, bit of Venez pop mx, 0930:15 TC as 4:59, intro pgm, 0931 horse race fanfare; QRM mainly KNR w/ IS
JR	2010.11.09	1956	2001	720 RNE	Santa Cruz de Tenerife	Canary Islands		ID and Flourish at the top of the hour
JB	2010.11.11	0625	0626	720 RNE Radio 5	Santa Cruz de Tenerife	Canary Islands	23333	regional break: sounder, 0625:25 "Radio Nacional, Canarias", local nx, // 576
JB	2010.11.07	0928	0931	720 Kalaallit Nunaata Radioa	Simiutaq	Greenland	44444	IS, 0930 TC, M w/ clear ID and date, choral anthem
JB	2010.11.12	1959	2000	720 Radio Romania	small synchros	Romania	23332	sounds like an ad, 2000 ID, pips, fanfare, nx; QRM mainly Spain
JR	2010.11.08	1927	1931	720 BBC Radio 4	synchros	UK		program // 198 kHz
JB	2010.11.08	2358	0000	729 Elliniki Radiophonia	Athens	Greece	34433	Greek mx, but power down or sudden fade at TOH
JB	2010.11.09	0400	0401	729 Elliniki Radiophonia	Athens	Greece	33323	flute IS fairly strongly, then weak mx(?); QRM from Spain
JR	2010.11.09	0400	0405	729 ERA	Athens	Greece		Flute IS (thanks to Jean for suggesting Greece because it sounded Middle Eastern), // 1404, 1494, 1512. IS matches ISOL.

JB	2010.11.10	0625	0627	729 RNE Radio 1	Logroño RI	Spain	33332 regional break: sounder, 0625:25 "Radio Nacional, La Rioja", M w/ weather, nx; splatter
JB	2010.11.11	0625	0626	729 RNE Radio 1	Málaga AN	Spain	23332 regional break: sounder, 0625:25 "Radio Nacional, Andalucia", W w/ nx, // 684 RNE Sevilla
JR	2010.11.09	0100	0105	729 BBC Radio Essex	Manningtree	UK	BBC News, the only outlet listed on 729.
JB	2010.11.09	0100	0100	729 BBC Radio Essex	Manningtree	UK / England	23321 bits of audio, 0100 "This is BBC Radio Five Live" and lost to Spain
JR	2010.11.08	2129	2133	729 UNID			Middle Eastern music, UAE listed in EMWG, but not in WRTH
JR	2010.11.09	2157	2203	729 UNID			Middle Eastern traditional vocal dies before top of hour, 5 + 1 pips heard; UAE?
JB	2010.11.13	0912	0914	730 Cadena Melodía HJCU	Bogotá	Colombia	23332 LA ballad behind CKAC, 0912:40 "Esta es Melodía", mx w/ trumpets
JB	2010.11.08	1018	1025	730 CKDM	Dauphin MB	Canada	34333 C+W under CKAC, 1020 Janis Joplin "Bobby Magee", 1024 ID "Get the good stuff, everyday, here on the Parkland's Best, CKDM", C+W song Uncle Kracker "Good to Be Me"; QRM CKAC
JB	2010.11.09	0757	0801	730 Radio Progreso CMBB	Nueva Gerona IJ	Cuba	23333 mx pgm ending, ID, "Reportero R. P."; QRM building from R. Eldorado
JB	2010.11.09	0901	0903	730 Inspirational Radio 730	Port-of-Spain	Trinidad	23333 choir mx, promo for teen and children's pgms on "Inspirational Radio 730", begin new pgm w/ upbeat rel song
JB	2010.11.13	0700	0701	730 Rádio SIM ZYI217	Vitória ES	Brazil	24323 Alexandra Burke "Halelujah", "Rádio SIM" jingle, Supertramp "Give a Little Bit"
JB	2010.11.08	0400	0401	740 Radio Angulo CMKO	Sagua de Tánamo HO	Cuba	32332 mx, ID by deep-voiced M "CMKO, Radio Angulo, transmitiendo desde Holguín, Cuba", orch mx, // 1110; far beneath CHCM
JR	2010.11.08	1857	1901	747 Islamic Republic of Iran Broadcasting	Bandar-e-Torkam	Iran	parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512, chimes like all the others at 1930z..
JB	2010.11.10	2030	2031	747 Islamic Republic of Iran Broadcasting	Gonbad-e Qabus	Iran	34434 mx (anthem?), 3 chimes, ID by W, militaristic song; QRM Holland
JB	2010.11.07	2159	2201	747 Bulgarian Radio	Petrich	Bulgaria	22322 IS through TOH, 2200:15 poss tk by W
JB	2010.11.11	0959	1013	747 NHK 2 JOIB	Sapporo	Japan	14332 carrier with bits of audio, up just before 1000 w/ tune, pips, EE lesson, // 774
JR	2010.11.08	2156	2202	747 Radio Bulgaria	synchros	Bulgaria	IS in the mess
JB	2010.11.07	2159	2201	747 NOS Radio 5	Zeewolde	Holland	33333 promo, TC, nx; over Bulgaria and poss Iran
JB	2010.11.11	0900	0901	750 Radio Progreso	Palmira CI	Cuba	22332 men Cuban culture, ID, mx intros pgm w/ ID again; under CBGY
JB	2010.11.09	1001	1001	750 Radio Progreso CMBC	Palmira CI	Cuba	22311 bit of Radio Progreso theme mx, // 690, 900; far under CBGY
JB	2010.11.09	0059	0101	756 Deutschlandfunk	Braunschweig & Ravensbu	Germany	34444 rock mx, sounder ID, pips, TC, nx; splatter
JB	2010.11.08	2300	2300	756 BBC Radio Cumbria	Carlisle	UK / England	22431 far beneath Germany, EE tk, 2300:20 "...on line, BBC Radio Cumbria..." then likely nx by M
JR	2010.11.08	1957	2002	756 Radio Romania Actualitati	Lugoj-Boldur	Romania	// 1152 and others, sports play-by-play
JR	2010.11.09	0429	0433	756 Radio Karelli	Pedaselga	Russia	Tentative, with very chatty talk over Swiss station, might have heard "Karelii" at 0431.
JB	2010.11.12	0200	0201	756 BBC Radio 4	Redruth	UK / England	22332 just before TOH "...and across the UK on digital radio, you're with the BBC World Service"... then buried by Germany, //198
JB	2010.11.13	0932	0934	760 RCN HJAJ	Barranquilla	Colombia	33333 nx rpt by W, long promo for web and nx by M, then promo for football; QRM WJR
JB	2010.11.07	2159	2201	760 WVNE	Leicester MA	USA	23332 fades up "Life Changing Radio, 7-60 AM, WVNE", promo for "The Word of God", 2200 "Family News in Focus" nx

JR	2010.11.08	2156	2202	760	WVNE	Leicester MA	USA	ID before news
JB	2010.11.08	0300	0301	760	Emisora Atlántica LU6	Mar del Plata	Argentina	23332 incomprehensible tk under Brazilians, but very clear Argentinian anthem
JB	2010.11.13	0951	0953	760	NotiUno WORA	Mayagüez	Puerto Rico	33333 faded up to be dominant, promo for pgm on "NotiUno 6-30", nx anmts: QRM WJR
JB	2010.11.13	0200	0203	760	Rádio Manchete ZYJ478	Niterói RJ	Brazil	22342 emerging after hymn ends on Uirapurú, M w/ poss ID, station song w/ many "Bom Dia"s, ad/promo for some event during/over the song, noted "Manchete" in the song; QRM R. Uirapurú
JR	2010.11.08	2055	2102	760	WCHP	NY Champlain	USA	French talk, English News
JB	2010.11.10	1002	1003	760	WEFL	Palm City FL	USA	22322 fade up very briefly, men web sites "espnradio.com" and "espn760.com" (which is WEFL); QRM WJR and Colombia
JB	2010.11.08	2230	2233	764.66	Islamic Republic of Iran Broadcasting	Shahr-e Kord	Iran	23332 local romantic mx, 2230:45 W few words, mandolin-like instrument, M tk, // 837, 900, 936, 1116, 1503; splatter mainly from 765
JR	2010.11.08	2228	2231	764.66	Islamic Republic of Iran Broadcasting	Shahr-e-Kord	Iran	Same program as 837, Middle Eastern music, woman gives what sounds like an ID that sounded like "Haba Houday". This is different from the 765 Iranian station.
JB	2010.11.08	2359	0001	765	BBC Radio Essex	Baker's Wood / Chelmsforc	UK / England	22432 tk fading up, 0000 "...birthplace of radio, BBC Essex" by M, nx by W; under Swiss
JR	2010.11.08	1927	1931	765	Islamic Republic of Iran Broadcasting	Chahbahar	Iran	Chimes as heard on other channels
JB	2010.11.07	2059	2101	765	Radio Rossii	Pedaselga	Russia	33323 rising above Switzerland and Iran, two ID's, pips, sounder, ID, nx
JR	2010.11.08	2056	2102	765	Radio Rossii	Pedaselga	Russia	ID at top of hour, mixing with Switzerland and Iran
JB	2010.11.09	0000	0001	765	Broadcasting Service of Kingdom of Saudi Arabia	Qurayyat & Khamasin	Saudi Arabia	32342 Koran suddenly evident after TOH, // 1512 (but not 1521), also not // many IRIB stns, e.g. 1062, 1503
JB	2010.11.08	2359	0001	765	RSR Option Musique	Sottens	Switzerland	33433 slide guitar mx, jingle ID at 0000, "une heure" TC, FF nx
JR	2010.11.08	2358	0005	765	BBC Radio Essex	synchros	UK	"Broadcasting from the birthplace of radio, this is ...", ID as described in EMWG.
JB	2010.11.09	2029	2031	765	Islamic Republic of Iran Broadcasting	Chah Bahar	Iran	32332 Farsi tk, heroic mixed choir mx, 2030 three-tone chimes, W w/ ID, male chorus heroic mx; under Switzerland and also RR QRM
JR	2010.11.08	2228	2231	766	TRT-2	??	Turkmenistan	Middle Eastern music, flourish at BOH, then "Turkmen", new country by me.
JR	2010.11.08	2257	2303	766	TRT-2	??	Turkmenistan	Poor, anthem matches Interval Signals OnLine, apparently signing off, which matches TRT-2 sked
JB	2010.11.09	2000	2003	766.01	Turkmen Radio 2	unknown location	Turkmenistan	24332 silence before 2000, W w/ ID "Turkmanstan Radio", flourish, then she reads nx, first item "Turkmenistan..."; splatter
JB	2010.11.08	2230	2232	766.01	Turkmen Radio 2		Turkmenistan	13331 local flute mx, then M tk
JB	2010.11.08	2259	2300	766.01	Turkmen Radio 2		Turkmenistan	13321 glimpses of audio, anthem is consistent w/ NA on Web, programming ends although carrier stays on 2301:40
JB	2010.11.09	2026	2045	766.01	Turkmen Radio 2		Turkmenistan	13332 2026 W tk, maybe a story, fading down a bit by 2028 and destroyed by splatter at 2030; 2042 local mx, M tk, 2043 M singing local style, audio then carrier off just before 2045; splatter from 765
JB	2010.11.13	0658	0701	770	Rádio Atalaia ZYJ922	Aracaju SE	Brazil	33323 ads, ID w/ phone numbers, fade under QRM at 0700

JB	2010.11.09	0859 0900	770 RCN Bogotá HJJX	Bogotá	Colombia	33332	ads, 0900 sounder, "RCN, noticias de la mañana", pips, and woman with time (cuatro de la mañana en punto), // 1060; QRM other Latin stn
JB	2010.11.08	2158 2200	770 Rádio Globo ZYI211	Cachoeiro de Itapemirim E	Brazil	24333	2158:30 fades up, ad or promo included "Rádio Globo", bits of songs w/ tel numbers that sounds like ads
JB	2010.11.08	1000 1001	770 CHQR	Calgary AB	Canada	21321	bits of news, 1000:43 "...RCMP...", 1000:54 "...3 degrees in downtown Calgary...", "...24 hour news...", "I'm Steve Morehouse(?)"; under WABC and QRMed by Rebelde
JB	2010.11.13	0658 0701	770 Radio Oriental CX12	Montevideo	Uruguay	33323	initially mx beneath Atalaia, 0700 up w/ ID, sincere ad or promo; QRM Atalaia and others
JB	2010.11.13	0756 0800	770 Radio Oriental CX12	Montevideo	Uruguay	23332	choral Christmas mx, 0758:30 "Desde Montevideo, Uruguay, transmite CX12, Radio Oriental...", the W tk IDing again, tel numbers; over a mess of weak signals
JB	2010.11.09	0758 0802	770 Radio Nacional de Venezuela YVKK	Valencia	Venezuela	22332	prob the choral mx, W ancr, ID at 0801:30; QRM R. Rebelde and RCN
JB	2010.11.10	2200 2201	770 Rádio Clube	which one?	Brazil	14322	M tk, men "Rádio Clube" at least twice, and maybe a "Patos" but not sure, sound effect at TOH?; very weak
JB	2010.11.07	2159 2201	774 Middle East Radio	Abis	Egypt	23332	serious sounder, W w/ ID, nx; QRM BBC R. 4 and R. Mayak
JB	2010.11.09	1959 2001	774 Middle East Radio	Abis	Egypt	33333	Arabic mx, 1959:15 ominous fanfare and ID, 1959:30 nx begins; QRM Spain and UK
JB	2010.11.08	0929 0931	774 NHK 2 JOUB	Akita	Japan	23433	M tk in Japanese fading up, 0930 M says "N H K" then W few words, more tk; splatter
JB	2010.11.08	0948 1001	774 NHK 2 JOUB	Akita	Japan	33333	English lesson about buying music "Take a trip down memory lane" over and over; splatter
JB	2010.11.11	0915 1025	774 NHK 2 JOUB	Akita	Japan	34433	was initially strongest, Japanese nx, W and M alternating, 0930 "N H K", Portuguese nx by 2 M, 0945 EE language lesson, 1000 pips, more EE lesson,
JF	2010.11.08	1006 1015	774 NHK2	Akita	Japan	Fair	English language lesson //693
JR	2010.11.08	1927 1931	774 Islamic Republic of Iran Broadcasting	Arak	Iran		Chimes as heard on other channels
JB	2010.11.08	2030 2032	774 Islamic Republic of Iran Broadcasting	Arak	Iran	32332	mx, chimes, ID by W, men's militaristic song, W tk // 765, 891, 900 etc.; QRM Spain, a UK stn and others
JR	2010.11.09	0257 0302	774 BBC Radio Leeds	Farnley	UK		"BBC Radio Leeds" heard weak after pips under Egypt
JR	2010.11.08	1957 2002	774 Gold 774	Little Shurdington	UK / England		Sky News, all other 774 Brits are BBC
JB	2010.11.09	2200 2201	774 BBC Asian Network	New Farnley / Leeds	UK / England	23332	Indian mx, ID, nx
JB	2010.11.07	2159 2201	774 BBC Radio 4	Plymouth & Enniskillen	UK/England & N	22322	Big Ben chimes, ID, TC, nx, // 198; QRM Egypt and R. Mayak
JB	2010.11.10	0024 0026	774 All India Radio	Shimla	India	13331	IS begins at 0024, 0025 "Vande Mataram"; QRM many weak signals
JB	2010.11.07	2159 2200	774 Radio Mayak	Somovo	Russia	22321	only the weak IS; under Egypt and BBC R. 4
JR	2010.11.08	2056 2102	774 Radio Mayak	Somovo	Russia		"Moscow Nights" IS, bad QRM from Spain and Egypt or Iran, heard again at 2156 under Spain and UNID Brit
JB	2010.11.08	2100 2100	774 Radio Mayak	Somovo	Russia	22321	just the IS twice before the TOH; under presumed Egypt, Spain and BBC R. 4
JB	2010.11.11	2000 2001	774 Radio Mayak	Somovo	Russia	23432	Radio Mayak jingle, IS twice, pips, sounder, W w/ nx; QRM Spain, Brit and Iran?

JB	2010.11.09	0829	0833	780 Radio Primero de Marzo ZP70	Asunción	Paraguay	34333	fade up over R. Coro, ad for Cooperativa 8 de Marzo (Google confirms this is in Paraguay), road repair cx, ad for magazine, PSA saying truck traffic is the major cause of road deterioration
JB	2010.11.10	0330	0331	780 WBBM	Chicago IL	USA	34333	ads, "Newsradio 7-80" jingle, ID's, abbreviated nx and sports; QRM mainly splatter
JB	2010.11.09	0828	0830	780 Radio Coro YVMN	Coro	Venezuela	34333	Venez mx, "3 59 minutos", "En Comunidad" promo, R. Coro jingle, Venez song, 0829:30 R. Primero de Marzo fades up and takes over
JB	2010.11.13	0914	0916	780 Radio Libertador LV8	Mendoza	Argentina	23332	W w/ rpt from Radio Rivadavia, 0914:15 promo for pgm on "Libertador, la radio pública", then promo men Rivadavia again, other promos; QRM mainly R. Coro
JB	2010.11.13	0700	0703	780 Rádio Difusora ZYH657	Nova Russas CE	Brazil	22332	fade up 0700:45, "Rádio Trans Mundial" net slogan and long list of stns w/ freqs, calls and ID's, including at 0701:30 "Rádio Difusora, Nova Russas Seara [as written on website: http://www.transmundial.com.br/programacao.php3], ZYH657..."; QRM Coro and others
JB	2010.11.13	0459	0500	780 Rádio Jornal do Comércio ZYI771	Recife PE	Brazil	23333	fade up w/ ads, ID, mx at TOH
JB	2010.11.11	0159	0202	780 Virgin Islands Broadcasting ZBVI	Roadtown, Tortola	British Virgin Is.	24332	"ZBVI", website "www.zbviradio.com", reverbed something, 0200 W w/ s/off info, song by crooner (anthem?), 0201 "God Save the Queen" and off
JB	2010.11.13	0932	0932	780 Ecos del Torbes YVOD	San Cristóbal	Venezuela	22322	tk beneath Coro, M w/ "Ecos del Torbes" ID, tk
JB	2010.11.13	0929	0930	780 Radio Fórmula XEMTS	Tampico TM	Mexico	23322	fade up, only unequivocally this stn for a short while, mellow mx, M w/ "Grupo Fórmula" ID, some sort of promo, W tk, then v. unstable cx w/ stns in/out every sec; QRM WBBM, R. Coro and maybe others
JB	2010.11.11	0023	0024	783 All India Radio	Chennai	India	13321	just faded enough up for 30 sec, 2 cycles of the IS then gone; QRM Germany and AA stns
JR	2010.11.08	2257	2303	783 Islamic Republic of Iran Broadcasting	Iranshahr	Iran		3 tone interval signal, under MDR
JB	2010.11.07	2129	2131	783 MDR-Info	Liepzig / Wiederau	Germany	33333	promo, 2130 TC, ID, nx; QRM Arabic stn
JB	2010.11.10	1959	2002	783 Radio Mauritanie	Nouakchott	Mauritania	34343	M tk AA, men "Internet", 2000 W w/ ID, jingle/song called "Mauritanie", fanfare intros nx
JR	2010.11.08	1957	2002	783 Radio Damascus	Tartus	Syria		Middle Eastern music, possible "Dimashq" ID after the top of the hour // 918, mixing with MDR
JB	2010.11.10	2100	2103	783 Syrian Arab Republic Broadcasting Corp. / Damascus Radio	Tartus	Syria	33332	clas orch mx, 2100 presumed ID in Arabic, intro English lesson coproduced by BBC "Damascus Radio in cooperation with the BBC presents..."; mixing w/ MDR-Info
JB	2010.11.12	2342	2343	790 Rádio Club ZYJ316	Faxinal PR	Brazil	23322	muffled and weak tk but included "Rádio Club", definitely not pronounced as two syllables "Clube"; QRM CFNW
JB	2010.11.07	1000	1001	790 WAXY	South Miami FL	USA	33323	fades up over w/ "WAXY, South Miami, a Lincoln Financial Group station. This is your radio home for Heat basketball...", beginning of "South Florida Today" pgm
JB	2010.11.06	2000	2001	801 BBC Radio Devon	Barnstaple	UK / England	32422	pop mx pgm wrapping up, "BBC Radio Devon" ID, nx; splatter from VOWR and rising QRM from Spain
JR	2010.11.08	2358	0005	801 BBC Radio Devon		UK / England		Obviously a Brit, only Devon listed, no ID, no parallels audible, so tentative

JB	2010.11.09	0800	0803	810 Caracol Colombia HJCY	Bogotá	Colombia	23332 tk re Colombia, men Caracol, faded under mx
JB	2010.11.12	2000	2001	810 Radio Makedonija	Ovce Pole / Skopje	Macedonia	32342 local flute mx, sounder, "Radio Makedonija" ID, same sounder, M tk; far under Scotland
JB	2010.11.09	0800	0803	810 Radio Paz 810 WKVM	San Juan	Puerto Rico	23332 mellow songs, 0803 "Radio Paz ocho-diez" jingle/song
JR	2010.11.08	1957	2002	810 MR1	Sveti Nikole	Macedonia	Poor under BBC Scotland with IS (matches Interval Signals Online)
JR	2010.11.08	2056	2102	810 Radio Mayak	Volgograd	Russia	"Moscow Nights" ID, under BBC; EMWG says this is off at this time
JB	2010.11.11	1859	1901	810 Radio Mayak	Volgograd	Russia	32432 1859:30 "Radio Mayak" jingle, IS twice, pips, sounder and nx; under BBC Scotland
JB	2010.11.08	0024	0025	819 All India Radio	New Delhi	India	13331 IS emerges briefly; AA QRM
JB	2010.11.09	1958	2001	819 KCBS Joson Jung-ang Pangsong	Pyongyang	Korea, North	23332 1958:30 begin IS, 2000 pips (3+1, final one is long and much higher), anthem, faded at 2001, freq very close to nominal; QRM mainly RAI
JR	2010.11.08	1957	2002	819 Euskadi Irratia	San Sebastián EU	Spain	Poor, under Egypt and/or France, music // 1476
JR	2010.11.08	1927	1931	819 RAI Uno	Trieste	Italy	Poor under Egypt with woman speaking Italian, no // channels found, 4+1 pips might have been another station, at 2100 "fax" special effect noted on all RAI stations,
JR	2010.11.08	2358	0005	828 SAR	Deir-el-Zor	Syria	Middle Eastern vocal, seems similar to instrumental IS on ISOL // 936, 918, 828, 783
JB	2010.11.07	2100	2100	828 NDR Info	Hannover	Germany	22332 ID, pips, TC, nx; messy freq
JR	2010.11.08	2257	2303	828 NDR Info	Hanover	Germany	"NDR Info" in the mix
JR	2010.11.08	1927	1931	828 Radio Ten Gold	Heinenoord	Netherlands	English "hits", several IDs as "Radio Ten Gold" (no longer Arrow Classic Rock), pronunciation sounded like "Radio Cinco"!
JB	2010.11.09	1859	1901	828 Radio Ten Gold	Heinenoord	Netherlands	33333 ads, big ID, nx but fades a bit; QRM from many weak sources
JB	2010.11.08	0954	1001	828 NHK 2 JOBB	Osaka	Japan	14321 just occasional glimpses of audio, // 693, 774
JB	2010.11.11	0929	0931	828 NHK 2 JOBB	Osaka	Japan	23322 M and W tk in Japanese, 0930 M says "N H K", fanfare intros Portuguese; splatter
JB	2010.11.10	0329	0330	828 Pravoslavnoye Radio	Sankt-Petersburg	Russia	24332 rel Russian tk, theme mx, and more tk [ID suggested by Vlad Titarev, RealDX]
JB	2010.11.08	1859	1901	828 BBC Asian Network	Sedgley / Wolverhampton	UK / England	22422 mix of Brits, 1900 "This is BBC Asian Network", // 837; QRM other Brits
JR	2010.11.08	1927	1931	828 Islamic Republic of Iran Broadcasting	Tabas	Iran	Chimes as heard on other channels
JR	2010.11.09	2157	2303	828 UNID			Sounds familiar, but can't match IS to anyone on channel. Tune is D (low), Bb, A, G, F#, Eb, D (high), Bb, A
JB	2010.11.12	2300	2304	830 Rádio Pioneira ZYH659	Forquilha CE	Brazil	33343 "A Voz do Brasil" ends, ID and hype, ads/promos, 2303 pgm begins incl phone numbers given; muffled audio
JB	2010.11.13	0101	0102	830 Rádio Pioneira ZYH659	Forquilha CE	Brazil	33322 fades above US stn, enthusiastic tk, jingle, ID, ad, and fade down
JB	2010.11.09	0201	0203	830 Rádio Mirante ZYH905	Imperatriz MA	Brazil	23323 ballad up well, 0202 break for ID "Rádio Mirante AM do Brasil" w/ call, other ID's, fade under QRM
JB	2010.11.11	0100	0104	830 Radio HIJB	Santo Domingo	Dominican Rept	23322 ballad through TOH, ID as just "HIJB" and lively mx; under/over UNID Brazilian and others
JB	2010.11.09	0230	0230	837 BBC Radio Cumbria	Barrow in Furness	UK / England	22332 W tk about Haiti, web site, "this is BBC Radio 5 Live", nx, // 909; QRM France

JR	2010.11.08	1857	1901	837 BBC Asian Network	Freeman's Common	UK / England	ID ahead of news
JR	2010.11.08	1957	2002	837 BBC Asian Network	Freeman's Common	UK / England	Tentative with Asian music // 1458, English news at 2001 not // 909, so not sure about this one.
JB	2010.11.09	1859	1901	837 BBC Asian Network	Freemen's Common / Leicester	UK / England	33333 Bollywood mx, ancr starts in Hindi then into EE, big canned ID, silly tk in EE, 1901 ID again and nx
JB	2010.11.07	2029	2031	837 Islamic Republic of Iran Broadcasting	Habibabad	Iran	33333 choral/heroic mx, chimes, W gives ID, militaristic song; QRM France
JR	2010.11.08	1927	1931	837 Islamic Republic of Iran Broadcasting	Habibabad	Iran	Chimes as heard on other channels, very weak in this case, QRM from COPE, France Info and something with "light" Middle Eastern music (but not Alger Chaîne 1)
JR	2010.11.08	1900	1900	837 BBC Asian Network	Leicester	UK / England	5+1 pips, "BBC Asian Network" ID, English news
JB	2010.11.11	0929	1000	837 NHK 1 JOQK (tent)	Niigata	Japan	13321 threshold W tk, seems Japanese, 1000 NHK pips, fade; unable to find any //
JB	2010.11.09	2059	2100	837 Ukrainian Radio	Taranivka / Kharkiv	Ukraine	33332 light instr mx, switch to Enya w/ talk over, 2100 little tune, M w/ ID, nx by W; QRM France and Iran
JB	2010.11.11	2130	2131	837 Ukrainian Radio	Taranivka / Kharkiv	Ukraine	33333 pop mx, M w/ ID, pgm begins hosted by W, // 936; QRM BBC Asian Network and France
JB	2010.11.07	2000	2001	837 Ukrainian Radio	Taranivka / Kharkiv	Ukraine	23432 sounder, ID, M w/ nx, // 675, 972; QRM France, Iran
JR	2010.11.09	2128	2134	837 Ukrainian Radio	Tranivka	Ukraine	ID sounded like "Ukra-inske Radio".
JR	2010.11.09	0328	0333	837 UR1	Tranivka	Ukraine	UKR NA matches ISOL, sign-on as scheduled in EMWG, France nicely silent before TOH
JB	2010.11.13	1010	1011	840 840-AM YVMY	Barquisimeto	Venezuela	33332 lively local mx, "8-40 AM", possible jingle, "El campeón del ____ de la mañana", song
JB	2010.11.13	0359	0359	840 Radio 4VEH 4VEF	Cap-Haïtien	Haiti	23322 fades up very briefly through Brazilians with "Radio 4VEH. Il est onze heures" then poss local mx
JR	2010.11.08	2129	2133	840 "KR"	Kaliningrad	Kaliningrad	NDB
JB	2010.11.13	0400	0401	840 Radio Revolución CMKC	Palma Soriano SC	Cuba	22322 pips likely them, bits of tk, 0400:20 "CMKC Radio Revolución" but not much else; under a Brazilian
JB	2010.11.13	0759	0801	840 Radio Salta LV9	Salta	Argentina	33333 miserable ballad, long jingle, pips, jingle continues, lively mx that sounded Mexican
JB	2010.11.12	2159	2201	840 Rádio Excelsior da Bahia ZYH447	Salvador BA	Brazil	33343 ads, 2159 ID, promo, 2200 long jingle, 2200:30 "A Voz do Brasil" begins
JB	2010.11.08	0157	0159	840 Rádio Bandeirantes ZYK687	São Paulo SP	Brazil	33333 fades up, woman w/ upcoming pgm material, 0158:30 ID and promo/hype, "Mundial da Formula 1" promo
JR	2010.11.09	0014	0022	846 AIR	Ahmedabad	India	IS heard briefly at 0020:23, then Irish station takes over again
JB	2010.11.08	0021	0021	846 All India Radio	Ahmedabad	India	13321 Vande Mataram fades up briefly
JB	2010.11.10	0020	0022	846 All India Radio	Ahmedabad	India	23332 IS begins at 0020 but only one cycle, "Vande Mararam" from 0020:30; QRM from R. North
JR	2010.11.09	0257	0302	846 R. Podmoskovje	Electrostatl	Russia	Tones, cuckoo, "Podmoskovje"
JB	2010.11.06	2000	2001	846 Islamic Republic of Iran Broadcasting	Mianeh	Iran	22322 briefly up w/ M in Farsi, // 1026, 1323 but not 1305 or 1503 (Mianeh, Tabriz, Jolfa are all in East Azerbaijan province); QRM Radonezh mainly

JB	2010.11.09	0300	0301	846 Programa Podmoskovje	Noginsk	Russia	24333	chime sounder, ID, cuckoo sounds, nx by W; QRM Ireland
JR	2010.11.08	1957	2002	846 UNID				chanting and ululation, UAE off at this time according to WRTH, Iran?
JB	2010.11.08	0937	0941	850 Radio Fé y Alegría YVZC	Maracaibo	Venezuela	23332	all tk, promo for events, men "Radio Fé y Alegría" a number of times; US QRM stations fade up and down
JB	2010.11.11	0930	0931	850 WTAR	Norfolk VA	USA	32332	promo including "WTAR", jingle; QRM WEEI
JB	2010.11.13	0959	1001	850 WFTL	West Palm Beach FL	USA	33343	ads, 1000 legal ID, ABC nx; over WEEI
JB	2010.11.08	2359	0001	855 Radio România Actualitati	Bucuresti / Tancabesti	Romania	34343	mellow ballad, ID, pips and TC, W w/ nx; over Spain
JR	2010.11.08	2156	2202	855 BSKSA	Dammam?	Saudi Arabia		Koranic reading // 1512, faded before top of hour. Ras al Zawr listed in WRTH w/100 kW
JB	2010.11.11	0625	0627	855 RNE Radio 1	Pontevedra GA	Spain	32332	regional break: sounder, 0625:25 "Radio Nacional de España, Galicia", sounder just goes on and on; QRM RNE1 Cantabria
JB	2010.11.11	0625	0627	855 RNE Radio 1	Santander CT	Spain	32332	regional break: sounder, 0625:25 "Radio Nacional de España, Cantabria", tk about Cantabria...; QRM RNE1 Galicia
JB	2010.11.13	0917	0919	860 Voice of Nevis	Bath Village, Nevis	St. Kitts & Nevis	33333	soft rock, canned ID "This is the powerhouse of the eastern Caribbean, VON ["von"] radio", another soft rock ballad; over CJBC
JB	2010.11.10	2156	2259	860 Rádio Cidade ZYH592	Maracanaú CE	Brazil	44444	enthusiatic football reports and tk mentioning Cidade and Fortaleza, ad; almost alone until almost TOH
JF	2010.11.08	0117	0118	860 Radio CBN	Rio de Janeiro RJ	Brazil		Good nice ID and ads
JB	2010.11.13	0657	0659	860 Rádio CBN ZYJ459	Rio de Janeiro RJ	Brazil	43443	news reports, 0657: ID w/ calls; QRM Cidade
JB	2010.11.07	0958	1000	861 Radio Reloj	Jovellanos MA	Cuba	23432	IDs and code "RR", W and M w/ nx; splatter from CJBC
JR	2010.11.08	2156	2202	863.94 IRIB?		Iran?		MW Offset List indicates this might be Iran, shows up on Perseus waterfall, but no audio
JB	2010.11.07	0158	0201	864 Radio Liberty	Gavar	Armenia	33323	"This is Radio Free Europe, Radio Liberty, Praha" over and over, 0200 W w/ ID in listed Turkmen, nx; QRM France
JB	2010.11.08	2359	0002	864 France Bleu	Paris	France	34443	pop mx, promo for local traffic reports for Paris on France Bleu 107.1, 0000 ID "France Bleu 107-1, votre numéro un sur l'Info-Trafic en Région Parisienne" followed by Paris traffic report
JR	2010.11.08	2156	2202	869.99 Radio La Vega	La Vega	Dominican Rep.		"las noticias mas importantes de La Republica Dominicana", mixing with CFSX and Radio Reloj
JB	2010.11.08	0200	0200	870 Radio Reloj	Buecito GR & Baracoa GU	Cuba	22332	ticks and bits of nx, two sets of pips and clearly two code "RR"s 2 sec apart, these two are 10 kW so likely this pair
JB	2010.11.09	0929	0930	870 Radio Reloj	Buecito GR & Baracoa GU	Cuba	34444	usual news, ID and code at 0929, long pip and full ID at 0930, no echo
JB	2010.11.08	0113	0115	870 Radio Nacional LRA1	Buenos Aires	Argentina	33333	tk re football game, Web address www.radionacional.com.ar, promo; QRM other Latin stns
JB	2010.11.13	0100	0100	870 Rádio Boa Nova ZYH499	Juazeiro BA	Brazil	23322	M w/ many Rádio Boa Nova ID's including stn in São Paulo, bit of piano
JB	2010.11.08	2202	2203	870 Radio La Vega HIVG	La Vega	Dominican Rept	33323	fade up over other Latins, w/ nx "Noticias Dominicanas"; R. Reloj is one QRMing stn
JB	2010.11.10	2159	2201	870 La Gran Cadena QBS WQBS	San Juan	Puerto Rico	24333	lively mx, 2200 ID, intro mx pgm, but then rapidly faded
JR	2010.11.08	1857	1901	873 Radio Rossii	Bolshakavo	Russia / Kaliningrad		ID slightly garbled by stuttering on the recording, also noted 30 minutes later with light signature tune and "Radio Rossii" ID // 567

JR	2010.11.08	1957	2002	873	Radio Moldova	Chisinau	Moldova	Interval signal and several IDs
JB	2010.11.09	2030	2031	873	Islamic Republic of Iran Broadcasting	Kalibar & Sari	Iran	33332 choir, 3 chimes, W w/ ID, men's military song; QRM Moldova and Rossii
JR	2010.11.08	2029	2032	873	Islamic Republic of Iran Broadcasting	synchros	Iran	3 chimes weak in mess, not listed in EMWG, two outlets in 2011 WRTH, QRM from Moldova?
JB	2010.11.09	0359	0402	873	Radio Rossii	synchros	Russia	33333 Russian tk, 0400 pips, sounder and ID, nx; QRM many weak signals & splatter
JR	2010.11.08	2156	2202	873	UNID			Anthem, then off, not talk in this recorded segment. Moldova? Can't seem to match the anthem though ("Interval Signals On-Line" has been under construction).
JF	2010.11.08	0113	0114	880	Radio Inconfidencia	Belo Horizonte	Brazil	Good Portuguese ads and EZL music
JB	2010.11.09	0156	0204	880	Rádio Inconfidência ZYL275	Belo Horizonte MG	Brazil	34434 instr mx, M gives s/off anmt, jingle, long ID in English including SW outlets, then Spanish, then Portuguese, 0200 smooth jazz sax mx, 0202 M says "Bom Dias" and chats w/ W; over WCBS
JB	2010.11.09	0758	0801	880	Rádio Inconfidência ZYL275	Belo Horizonte MG	Brazil	33333 ads, ID w/ calls for MW, SW and FM, TC, talk; dominating WBBR and R. Venezuela
JB	2010.11.11	0900	0901	880	Radio Progreso	Pinar del Río PR	Cuba	22322 "Radio Progreso" ID, mx, // 630, 890, 900; under WCBS
JB	2010.11.09	0800	0801	880	Radio Venezuela YVYM	Puerto Ordaz	Venezuela	22322 Venez mx, 0800:30 tone, "La Hora Venezuela, tres treinta minutos", fade; under Inconfidencia and w/ some WBBR QRM
JR	2010.11.08	2156	2202	882	BSKSA	Dammam?	Saudi Arabia	Koranic reading // 1512, faded in after top of the hour, not listed in EMWG, but is in WRTH. See 855 item above - Dammam probably not the site for both.
JR	2010.11.09	1856	1902	882	Islamic Republic of Iran Broadcasting	Mahabad	Iran	Weak, but // to reed music on 873.
JB	2010.11.11	2000	2001	882	Islamic Republic of Iran Broadcasting	Mahabad	Iran	22432 M sing, local instrument, M tk earnestly, more mx, // 873, 900, 936, 1503; under BBC R. Wales
JB	2010.11.07	2329	2330	882	Trans-World Radio	Puttalam	Sri Lanka	32322 W tk, sounds like address w/ perhaps an ID?; far beneath BBC Wales
JB	2010.11.08	2230	2232	882	Trans-World Radio	Puttalam	Sri Lanka	22331 listed s/on; 2229:30 poss instr hymn, pips, W tk, instr mx, M mellow subcont song, W tk; under BBC R. Wales and some QRM from Spain
JB	2010.11.08	2259	2302	882	Trans-World Radio	Puttalam	Sri Lanka	32332 subcont mx, violin mx, 2300 flute mx/poss theme mx, W sing subcont style; under BBC R. Wales and also QRM from Spaniard(s)
JB	2010.11.08	2359	0001	882	Trans-World Radio	Puttalam	Sri Lanka	32432 mx begins w/ trumpet but becomes subcontinental, W tk subcont lang briefly at 0000, more subcont mx; under/over BBC Wales
JR	2010.11.08	2358	0005	882	TWR	Puttalam	Sri Lanka	most evident at 0004:30; trumpet then Indian music at 0000, tentative
JB	2010.11.11	2030	2030	882	Radio Mayak	Stavropol	Russia	21421 just the IS then poss W tk; under BBC R. Wales and w/ some QRM from Iran
JB	2010.11.07	0058	0101	882	BBC Wales	Washford	UK / England	44444 light orch mx, 0059 M wraps up pgm, 0100 "BBC World Service" then anmt twice: "Due to industrial action by some members of BBC staff we are unable to broadcast our usual programme.", 0101 BBC nx
JR	2010.11.09	0429	0433	882	UNID			UNID string IS, Kaduna Nigeria? Web site only has FM. Montenegro?
JB	2010.11.08	0200	0202	890	Rádio Clube ZYH706	Brasília DF	Brazil	34333 woman w/ anmts, man w/ long promo and hype, 0201 TC, long jingle, even more hype
JB	2010.11.11	0900	0901	890	Radio Progreso	Chambas CA	Cuba	24332 ID, TC, mx intros pgm, ID again; QRM weak stns

JB	2010.11.13	0400	0401	890	Rádio Gazeta ZYK690	São Paulo SP	Brazil	13322	R. Clube fades down for a moment, ID emerges in the gap, but then Clube fades up again
JB	2010.11.09	0258	0301	890.11	Radio Continental - HJCE	Bogotá	Colombia	23332	0258:30 Spanish tk, sounds like unexciting play-by-play, "a Radio Continental [1 sec] a Radio Continental" and mention "Colombia" 25 sec later; splatter
JR	2010.11.08	2029	2032	891	Islamic Republic of Iran Broadcasting	Dedasht?	Iran		3 chimes, but like the signal on 702 the chimes rise in tone
JB	2010.11.11	1959	2001	891	Radio 538	Hulsberg	Netherlands	33333	ads, sound effects, ID, nx headlines, Iran fades up
JR	2010.11.09	1956	2001	891	Radio Sim	Vila Moura	Portugal		SID at top of the hour, , musical signatures parallel to weaker 1251 and 981
JR	2010.11.08	1927	1931	891	Islamic Republic of Iran Broadcasting	Yasuj	Iran		Chimes as heard on other channels, ID seems to be "Iran Radio Iran"
JB	2010.11.07	2029	2031	891	Islamic Republic of Iran Broadcasting	Yasuj / Deh Dasht	Iran	23332	choral/heroic mx, chimes, W gives ID, militaristic song, // 837, 900, 1503
JB	2010.11.09	2029	2031	891	Islamic Republic of Iran Broadcasting	Yasuj / Deh Dasht	Iran	24322	choir fades up, 2030 3 chimes, W w/ ID, men's military song
JB	2010.11.13	0359	0401	900	CBC Radio 900	Bridgetown	Barbados	33333	reggae mx, Caribbean-accented ancrr says end of "a special tribute to The Cool Ruler" (who was Jamaican reggae musician Gregory Isaacs), wraps up pgm without mentioning stn or location, 0401 Ben E. King "Stand by Me"; QRM from Progreso
JB	2010.11.13	0950	1002	900	Radio Progreso	Cacocum HO	Cuba	33333	mellow Cuban mx, W intros song "La Mariposa", 0959:30 theme mx and ID, 1000 one chime, TC (cinco de la mañana), begin mx for pgm "A primera hora"
JB	2010.11.13	0500	0503	900	Rádio Globo ZYK742	Itapetininga SP	Brazil	23343	fade up above a mass of sigs, ballad, something w/ a child's voice, 0500 M says what day it is, TC, tk men Globo, "Radio Globo" jingle, web address, "Radio Globo noticias", jingle and anmt, nx by M and W, // 1100
JR	2010.11.09	0014	0022	900	AIR	Kadapa	India		IS heard at 0023:30, then Vende Mataram at 0025:10, Indian instrumentals follow
JB	2010.11.10	0024	0025	900	All India Radio	Kadapa	India	12331	only one cycle of IS heard, very weak; QRM Roma and Iran
JB	2010.11.13	1019	1020	900	XEW	México DF	Mexico	32332	M thanking people w/ crowd noises behind, men "doble-oo" web site, echoed signal so both XEW and XEWB; over/under Progreso
JB	2010.11.10	2159	2201	900	Rádio Nordeste ZYJ591	Natal RN	Brazil	33343	prayer, pgm wrap-up, ID w/ call incipid mx, then ID again
JB	2010.11.07	1829	1831	900	Islamic Republic of Iran Broadcasting	Tehran	Iran	24332	tk, 1829:30 instr mx, three chimes, ID, tk; QRM mainly Italy
JR	2010.11.08	1927	1931	900	Islamic Republic of Iran Broadcasting	Tehran	Iran		Chimes as heard on other channels, ID "Radio Iran", then martial flourish
JB	2010.11.09	2029	2031	900	Islamic Republic of Iran Broadcasting	Tehran	Iran	34343	choir, 2030 3 chimes, W w/ ID, men's military song; splatter
JB	2010.11.13	1019	1020	900	XEWB	Veracruz VE	Mexico	32332	M thanking people w/ crowd noises behind, men "doble-oo" web site, echoed signal so both XEW and XEWB; over/under Progreso
JB	2010.11.12	2300	2302	909.97	Rádio Caiçara ZYH645	Sobral CE	Brazil	23322	mx, M tk w/ bits of mx, 2301, ID and brief jingle of W screaming "Caiçara", more mx?; blob of weak signals and splatter from BBC 5 Live on 909

JB	2010.11.09	1001	1002	910	Radio Cadena Agramonte CMFA	Camagüey CM	Cuba	33333	fades up over RCN, ID, TOH TC at 1001, slogans, 1002 begin mx pgm; QRM RCN
JB	2010.11.12	2339	2340	910	RQ-910 YVRQ	Caracas	Venezuela	33333	Venez mx w/ harp, anmt "La música tradicional venezolana esta en RQ novecientos diez", then intro the artists, mx
JB	2010.11.08	0930	0931	910	CKDQ	Drumheller AB	Canada	23322	C+W song, "Q-91, Drumheller" ID, another C+W song; QRM Venezuela
JB	2010.11.11	0059	0100	910	Rádio Globo ZYN206	Juiz de Fora MG	Brazil	22321	glimpses of animated tk (football?), wolf-whistle and reverbed "Radio Globo!" shout, not // 1220; under much UNID QRM
JB	2010.11.13	0159	0201	910	Rádio Globo ZYN206	Juiz de Fora MG	Brazil	23332	Globo hype, lots of sound effects, ID "Globo Noticias", W reads nx
JB	2010.11.09	1000	1002	910	RCN San Andrés HJMY	San Andrés	Colombia	33322	tk men RCN, 00:25 pips and "RCN Noticias", TC and news by woman; QRM Cadena Agramonte
JR	2010.11.08	2129	2133	915	"UF"	Koshki	Russia		NDB
JR	2010.11.09	1956	2001	917	Radio Gotel	Yola	Nigeria		ID "from the studios of Radio Gotel" by female announcer; much weaker previous day
JR	2010.11.08	1957	2002	918	Radio Damascus	Al-Hassake	Syria		Middle Eastern music, poor, // 783, something (maybe this?) on 918.004
JR	2010.11.08	2156	2202	918	Radio Rossii	Archangelsk	Russia		ID and signature flourish under Spain
JB	2010.11.09	0258	0301	918	Radio Rossii	Arkhangelsk	Russia	34333	choral anthem, 0300 pips, nx, // 873; QRM Slovenia and "UF" beacon (915, Koshki, Russia)
JR	2010.11.09	0014	0022	918	AIR	Suratgarh	India		IS heard at 0023:30, then Vende Mataram at 0025:10, Indian instrumentals follow
JB	2010.11.08	0023	0030	918	All India Radio	Suratgarh	India	33343	tone, IS, 0025 Vande Mataram, M tk, 0028 trad Indian instr mx, but under QRM by 0030; QRM Slovenia, Iran?
JB	2010.11.09	2129	2131	918.03	Radio Slovenia	Domzale / Ljubljana	Slovenia	33333	Mike Oldfield mx, cuckoo sounds, ID in Slovenian, IS, ID's in English and German, nx in English; QRM from Syria
JR	2010.11.08	1957	2002	918.04	Radio Slovenia	Ljubliana	Slovenia		ID, station battling Syria with het
JB	2010.11.12	2302	2302	920	Rádio Educadora Santana ZYH476	Caetité BA	Brazil	22321	blob of weak stns, probably just ended "A Voz do Brasil", but only marginally comprehensible bit was "Rádio Educadora Santana" at 2301:40
JB	2010.11.13	0759	0804	920	Rádio Imperador ZYK584	Franca SP	Brazil	24333	rosary and prayers, "a Rádio Imperador a presento..." to end pgm, then upbeat ads, ID again at 0803; over another Brazilian
JB	2010.11.13	0100	0102	920	Rádio Maná ZYI697	João Pessoa PB	Brazil	23332	mellow song, W w/ short list of stns including "Maná Rádio", M men "Rádio Maná" again and web address in São Paulo, W tk again
JR	2010.11.09	0328	0333	920	CFRY	MB Portage-au-Prairie	Canada		"CFRY now presents 'Prophecy for Today'"
JB	2010.11.08	1018	1018	920	Radio Progreso	Pilón GR	Cuba	13321	bit of Venez harp mx, preceding item about Venezuelan-Cuban cooperation, // 900 (but 900 is about 2 sec ahead); QRM C+W stn
JB	2010.11.10	0159	0204	920	Radio Nueva Esparta YVQX	Porlamar	Venezuela	23333	instr mx, 0200 W w/ promo, another promo w/ many tel numbers, then for pgm "La Hora del Gallo" in the morning ends w/ jingles, 0201:30 ads, 0202:40 big ID
JB	2010.11.13	0458	0502	920	Rádio Novo Tempo ZYH519	Salvador BA	Brazil	33323	tk, fairly strong "Madrugada Novo Tempo", TC, then poss weapy jingle, fade, mx?, back w/ conversation
JB	2010.11.10	2156	2201	930	Rádio Metropolitana ZYH646	Caucaia CE	Brazil	32332	rel tk by M, initially rivaling CJYQ in strength, 2159 jingle? and ID, hype/ads; QRM CJYQ and growing from CFBC

JB	2010.11.12	2334	2335	930	Rádio Metropolitana ZYH646	Caucaia CE	Brazil	23322	seems to be setting up tk pgm w/ tel numbers, men "Metropolitana" many times, fade; QRM CJYQ
JR	2010.11.09	0200	0205	936	Fresh Radio	Hawes	UK		"AM, FM, and On-line, Fresh Radio UK"
JB	2010.11.10	0330	0331	936	Fresh Radio	Hawes	UK / England	23332	pop mx, promo men "Fresh", then ads; QRM mainly splatter from CJYQ
JB	2010.11.11	0015	0016	936	All India Radio	Tiruchirapalli	India	12321	0014:40 two cycles of IS come through, a few glimpses of "Vande Mataram" thereafter; under Iran and splattered by CJYQ
JR	2010.11.08	1927	1931	936	Islamic Republic of Iran Broadcasting	Urumiyeh	Iran		Chimes as heard on other channels, ID seems to be "Iran Radio Iran"
JB	2010.11.09	0259	0301	936	Islamic Republic of Iran Broadcasting	Urumiyeh	Iran	24333	local song, ID, fanfare, "Radio Iran" then "Inja Urumiyeh" and a cacophony of clocks striking
JB	2010.11.10	0029	0031	936	Islamic Republic of Iran Broadcasting	Urumiyeh	Iran	34343	spacy mx, M w/ dramatic tk over, // 540, 594, 828, 837, 891, 900, 945, 981, 999, 1125, 1134, 1170, 1242, 1251, 1377, 1404, 1467, 1503, 1539, 1557, and 1584
JB	2010.11.13	0931	0933	939.88	XEQ	México DF	Mexico	23322	ballad ends, "XEQ 9-40" ID, tk men football but mainly just below comprehensible; splatter from 940
JR	2010.11.08	2156	2202	940	"UD"	Chudovo	Russia		NDB
JB	2010.11.13	0917	0919	940	WINZ	Miami FL	USA	22322	sports web address, promo/ID, sports tk; over/under LA mx that I think is mainly Puerto Rico ("940-AM")
JB	2010.11.09	0831	0833	940	Radio Punto Fijo YVNN	Punto Fijo	Venezuela	33333	fade up w/ ID, promo for "Valores Venezuelanos" w/ IDs, typical Venez mx
JB	2010.11.10	2200	2202	940	Super Rádio Boa Vontade ZYJ453	Rio de Janeiro RJ	Brazil	33343	fades up over SS, A Voz do Brasil ends, full "Super Rádio Boa Vontade" ID, jingle, choral rel mx
JB	2010.11.13	2222	2224	940	Super Rádio Brasil ZYJ453	Rio de Janeiro RJ	Brazil	34333	tk fades up, jingle, "Jornada Esportiva" pgm slogan, "Super Rádio Brasil 940 AM" ID w/ freq, football results, 2223:30 begins to fade under stn just coming up [different slogan from a few days ago!]
JB	2010.11.08	2201	2203	940	WIPR	San Juan	Puerto Rico	32332	Boa Vontade fades down, 2001:45 very clear WIPR ID, intros mx but Boa Vontade hymn comes back up quickly
JB	2010.11.10	0959	1001	940	CJGX	Yorkton SK	Canada	33333	C+W mx becoming more prominent as Montreal fades, 1000 ID, Canadian press nx
JB	2010.11.10	2156	2159	940	UNID			34333	suspect WIPR San Juan, PTR: W w/ nx for "Isla AM"; overwhelmed by Brazil before TOH
JR	2010.11.08	2156	2202	944.98	UNID				Middle Eastern? Talk.
JB	2010.11.07	2259	2301	945	Gold	Bexhill-on-Sea	UK / England	23322	ads, TOH ID: "On AM, on-line and digital, playing the greatest hits of all time" then sung "This is Gold", "From The Sky News Centre at 11..."; fade
JB	2010.11.07	2300	2301	945	Islamic Republic of Iran Broadcasting	Dehgolan	Iran	23321	bit of mx fades up over Gold, M in Farsi, // 936, 1368, 1503, 1512, 1557, 1584 but not synchronous
JR	2010.11.08	1927	1931	945	Islamic Republic of Iran Broadcasting	Dehgolan	Iran		Chimes as heard on other channels, ID seems to be "Iran Radio Iran", QRM from Brit "Gold"
JB	2010.11.09	2029	2031	945	Islamic Republic of Iran Broadcasting	Dehgolan	Iran	23332	choir, 2030 3 chimes, W w/ ID, men's military song; QRM mainly Romania
JR	2010.11.08	2257	2303	945	Gold Digital	Derby	UK		Slight echo with news, but the two Gold stations split for local weather at 2302.

JF	2010.11.08	0945	0946	945 CNR1	Jiaohe	China	Fair Talk in Chinese
JB	2010.11.08	0947	1003	945 CNR1	Jiaohe	China	33333 tk pgm hosted by W but tks by men, 0950 report about cars (driving noises), then W and M tk alternating items, 0957 end pgm w/ piano mx, ads, 1000 pips, W w/ Beijing TC, flourish, ID, 1001 W and M alternate tk, // 981; over another Chinese station, which must be Heilongjiang PBS Rural Service
JB	2010.11.07	2000	2001	945 Radio Romania	Miercurea Ciuc	Romania	22332 mix of stns including France, Russia and a Gold stn, ID, pips, nx?
JB	2010.11.07	2000	2001	945 Radio Rossii	Novocherkassk	Russia	22332 mix of stns including France, Romania and a Gold stn, "Radio Rossii" and nx
JR	2010.11.08	2056	2102	945 Radio Rossii	Rostov-na-Donu	Russia	ID in mix of France and UK Sky News
JB	2010.11.08	0948	1000	945 Heilongjiang PBS Rural Service	synchros	China	22322 W interviewing W (or high-pitched M), the interviewee seemed to have much less educated language/diction, faded down significantly but 5 + 1 pips noted after the CNR1 pips at 1000; under CNR1
JR	2010.11.08	2056	2102	945 UNID			Unidentified National Anthem suddenly at 2101:20, recording ended before any announcement could be heard
JB	2010.11.09	0059	0101	950 CFAM	Altona MB	Canada	23333 ad for funeral home, promos "on CFAM, Radio 9-50"; QRM CKNB
JB	2010.11.13	0759	0802	950 Radio Belgrano LR3	Buenos Aires	Argentina	34343 rock mx, pips, ID, short promo, contact info for Argentinean mx pgm and this pgm starts
JB	2010.11.09	0159	0201	950 Radio Popular YVKG	Caracas	Venezuela	33333 lively Venez mx, brief ID at 0200, then song "Stand By Me"; QRM R. Reloj and others
JR	2010.11.09	0328	0333	950 CFAM	MB Altona	Canada	Chuck Swindol "on CFAM", Also CJGX 940 MB Yorkton tentative with country, no ancts
JB	2010.11.07	0059	0100	950 WTLN	Orlando FL	USA	33422 pgm promo, two ID's and "Life Changing Radio, heard 24 hours a day...", begin preaching pgm; QRM CKNB, WPEN, SS stn
JB	2010.11.07	0059	0101	950 WPEN	Philadelphia PA	USA	32432 fade up w/ ESPN promos, 0101 ID, then football; QRM CKNB and others
JR	2010.11.09	0100	0105	950 WXGI	VA Richmond	USA	"ESPN Radio 950"
JR	2010.11.09	0014	0022	954 AIR	Najibabad	India	tone, IS at 0023:05, Vende Mataram at 0024:45
JB	2010.11.08	0023	0030	954 All India Radio	Najibabad	India	33343 IS, 0025 Vande Mataram, M tk, trad Indian mx, faded by 0030
JB	2010.11.08	2032	2032	954 Český Rozhlas	synchros	Czech Republic	34434 M and W tk, but obvious that various tx are not quite synchronized; QRM Arabic stn
JR	2010.11.08	1957	2002	954 CRo2	synchros	Czech Republic	two, maybe three stations echoing
JB	2010.11.11	0159	0201	960 Rádio Diocesana ZYI216	Cachoeiro do Itapemirim E	Brazil	23332 fades up w/ "Rádio Aparecida" info, web sites, // 840 Excelsior da Bahia, 1150 R. Pioneira, 1430 R. Caiari; QRM R. Reloj and others [only Aparecida on this freq according to RCR website: http://www.difusora.am.br/rcruna.html]
JF	2010.11.08	1028	1030	960 CFAC Fan 960	Calgary	Canada	Good Ad for St. James Pub, ID "ESPN Fan 960 Calgary Sports Radio", ESPN Program "Sportsnet AM"
JB	2010.11.13	0701	0702	960 Rádio Difusora de Alagoas ZYH241	Maceió AL	Brazil	23322 0701 stn song fade up, ID w/ call (call is distinct but slogan is not), jingle and hype, flute mx but not sure it's the same stn; QRM São Paulo and SS stn
JB	2010.11.13	0912	0915	960 Radio Santa Cruz	Santa Cruz	Bolivia	34333 apparently signing on w/ ID, instr mx, W tk in local lang, but men "Radio Santa Cruz," Andean flute mx, then M and W tk (not SS); increasing QRM from R. Reloj

JB	2010.11.14	0906	0917	960	Radio Santa Cruz	Santa Cruz	Bolivia	24222	0906:20 flute IS begins, 0907 silence, 0907:20 IS once and poss mx, 0908:45 ID, Andean flutes, 0913 M then W in lang but W says "Radio Santa Cruz" ; weak QRM from R. Reloj and building QRM from another Latin
JB	2010.11.13	0658	0702	960	Rádio São Paulo ZYK689	São Paulo SP	Brazil	23322	rel pgm ending, bits of mx, 0700 ID w/ call; QRM Difusora and SS stn
JB	2010.11.11	0959	1000	960	KMA	Shenandoah IA	USA	23322	W w/ ad: "Clorinda Medical [?]. . .serving south-west Iowa and north-west Missouri...Clorinda Regional [?], ...If you are looking for a physician closer to home...call 712-542-4330..." but fade right on TOH, ABC News; mess of weak sigs
JB	2010.11.12	2359	0001	960	Rádio Cultura dos Inhamuns ZYH618	Tauá CE	Brazil	13322	2359:30 fade up w/ ID and address, may have gone to mx or this may be a diff stn; in blob of weak signals
JB	2010.11.08	0950	0952	963	Liaoning PBS	Dalian	China	23322	Chinese tk, mainly by W, // 1089
JB	2010.11.11	1000	1002	963	China Radio International	Heihe	China	13332	IS, IDs in Chinese then "Radio Kitaya", one more IS, W in Russian begins w/ "Radio Kitaya"
JR	2010.11.08	2358	0005	963	Buzz Asia	Lee Bridge Road	UK		"Your number one hit music station for Asian London"
JB	2010.11.08	2359	0001	963	Buzz Asia	Lee Bridge Road / London	UK / England	32332	EE ads, 0000 ID ending "your number one hit music station for Asian London", pips, then a mess of stns w/ nx
JB	2010.11.10	2100	2101	963	Buzz Asia	Lee Bridge Road / London	UK / England	23433	ad, ID, Sky News; over Asian Sound, huge carrier from Finland still on
JF	2010.11.08	0005	0030	963	CBC	Nicosia	Cyprus		Fair TENT; Greek sounding music but language sounded Slavic?
JB	2010.11.09	0358	0402	963	China Radio International	Pori	Finland	54454	light Chinese pops, piano mx w/ Russian ID's and contact info, 0400 pips and full ID, nx
JB	2010.11.12	2100	2101	963	Radio Shumen	Shumen	Bulgaria	34423	Bryan Ferry, 2100:15 M w/ "Radio Shumen", Duffy "Rockferry"; QRM Brit station
JB	2010.11.10	2359	0001	963	Radio Horizont	synchros	Bulgaria	33433	echoing w/ at least 3 signals, EE pop song, sounder, M w/ "Horizont" ID, pips, W w/ nx
JB	2010.11.12	2359	0001	963	Radio Euskadi	Vitória EU	Spain	23342	sports tk, 0000 pips, ID "Radio Euskadi y Radio Vitória", nx; QRM Renascença
JB	2010.11.09	0802	0803	970	970 AM ZP9	Asunción	Paraguay	23322	local violin mx fades up, "Desde Asunción ..." ID, same mx continues
JB	2010.11.07	0102	0104	970	WSTX	Christiansted	US Virgin Island	33333	wx for Caribbean sponsored by chicken place in St. Croix, "the Virgin Island's most powerful name in talk, AM 970, WSTX", then Bobby Jones mx countdown pgm
JB	2010.11.13	0201	0202	970	Rádio Sociedade ZYH451	Feira de Santana BA	Brazil	24322	three canned intros to pgm "Com a Mãe Aparecida", // 840 Excelsior da Bahia
JB	2010.11.12	2359	0001	970	Rádio Hertz ZYK684	Franca SP	Brazil	23332	"Whiter Shade of Pale" intrumental ends, hype for nx ""informações, direito da central Hertz de noticias", nx, 0001 mx again [ID by Rocco Cotroneo, RealDX]
JB	2010.11.11	0400	0400	970	WFLA	Tampa FL	USA	23322	fade up w/ ad ending, WFLA dot com e-mail address, ID, then "Fox News Radio" nx
JB	2010.11.13	0257	0259	970	UNID			23323	poss 2 stns in SS, southern accents: one has ID but muffled and weak, either the same or another stn fades up quickly w/ "Radio Nueva Onda" slogan/pgm name at 0257:30, men Paraguay a little later
JB	2010.11.08	0947	1002	972	KBS Hanminjok Bangsong HLCA	Dangjin	Korea, South	33333	talks in Korean, 1000 W w/ "Hanminjok" ID twice, pips, theme mx; QRM splatter and occasional fade up by Chinese (Harbin likely)
JB	2010.11.11	0958	1002	972	KBS Hanminjok Bangsong HLCA	Dangjin	Korea, South	33333	Korean rap, 0959 30-sec fade out, 0959:50 ID, 3+1 pips, piano theme mx, W tk; splatter

JF	2010.11.08	0935	0936	972	KBS	Dongjin	Korea, South	Poor Korean talk
JR	2010.11.08	1857	1901	972	NDR Info	Hamburg	Germany	ID as "Funkhaus Europa", which is not scheduled at this time in the EMWG
JB	2010.11.07	2000	2001	972	NDR-Info	Hamburg	Germany	33443 blues, sounder, NDR-Info Nachrichten, TC, W w/ nx
JR	2010.11.08	2228	2231	972	Radio Bremen	Hamburg	Germany	First time I have noted the "Radio Bremen" ID instead of NDR. Same station, of course.
JB	2010.11.08	0947	0954	972	Harbin PBS (tent)	Harbin	China	32322 occasional fade-ups, W in Chinese; QRM mainly Korea. Harbin is likely because even though there is larger tx in Xingyang, the Xingyang tx on 1377 (600 kW, directional to NW, same tower) was inaudible
JR	2010.11.08	1927	1931	972	Islamic Republic of Iran Broadcasting	Ilam	Iran	Chimes, weak under other stations
JB	2010.11.07	2000	2001	972	Ukrainian Radio	Mykolaiv / Kopani	Ukraine	22332 under NDR-Info and VOA relay, sounder, ID, M w/ nx, // 675, 837
JR	2010.11.08	1927	1931	972	UR1	Nikolaev	Ukraine	Distinctive music // 207, 675, and 1377
JR	2010.11.08	1857	1901	972	R. Aap Ki Dunya (VOA)	Orzu	Tajikistan	Noted with VOA News in English (as also shown in the WRTH)
JR	2010.11.08	1957	2002	972	VOA	Orzu	Tajikistan	VOA News in English
JB	2010.11.07	2000	2001	972	Voice of America	Orzu	Tajikistan	32442 pips, "From Washington, this is VOA news"
JR	2010.11.09	2026	2031	978	"SB"			UNID NDB
JB	2010.11.13	0459	0502	980	Rádio Nacional ZYH707	Brasília DF	Brazil	34343 ballad, 0500 ID, bit of Cuban mx, 0500:30 ID w/ call, jingle, promo, guitar mx
JR	2010.11.09	0100	0105	980	RCN HJES	Cali	Colombia	"RCN" ID
JB	2010.11.09	1000	1002	980	RCN Calí HJES	Calí	Colombia	32332 "RCN La Radio", Banco Popular 10-sec ad, pips, "RCN Noticias", woman gives TC and news; QRM R. COCO
JB	2010.11.11	0058	0100	980	RCN Calí HJES	Calí	Colombia	34333 ads, "RCN La Radio" but then "RCN Calí" local ID, ads, more "RCN" ID's
JB	2010.11.13	0931	0935	980	RCN Calí HJES	Calí	Colombia	33333 nx rpts, 0932:20 nx ends w/ ID and web address, and cell phone contact, promo for football pgm; QRM US stns including WOFX
JB	2010.11.07	0000	0001	980	Radio Reloj	Moa HO	Cuba	22322 W w/ nx, pip, two ID's in a in a mess of signals, // 960; site according to http://www.ecured.cu/index.php/Radiocuba
JR	2010.11.09	0257	0302	980	WOFX	NY Troy	USA	Sports, ID as "WOFX Troy"
JB	2010.11.09	1000	1002	980	Radio COCO CMCK	Sapo CH	Cuba	32332 1000:15 begin Cuban anthem, 1000:45 woman w/ full ID as "C-O-C-O" (not "Coco"); under RCN
JB	2010.11.11	2000	2001	981	ERA Sport	Athens	Greece	24333 emerging towards TOH, pips, poss ad, 2000:40 ID theme mx goes on and on
JB	2010.11.08	0950	0953	981	CNR1	Changchun et al.	China	23332 fade up, report about cars (driving noises), // 945; splatter
JR	2010.11.08	1927	1931	981	Islamic Republic of Iran Broadcasting	Hamadan	Iran	Chimes as heard on other channels, ID seems to be "Iran Radio Iran"
JR	2010.11.09	0014	0022	981	AIR	Raipur	India	IS at 0023:20, Vande mataram at 0024:45
JB	2010.11.08	0024	0026	981	All India Radio	Raipur	India	23332 IS only apparent at 0024, Vande Mataram; QRM Germany and others
JF	2010.11.08	0931	0932	981	CNR	Synchros	China	Poor Chinese talk
JR	2010.11.09	1956	2001	981	Radio Sim	synchros	Portugal	Musical flourishes match 891 and 1251
JB	2010.11.12	2155	2202	989.79	Rádio Rural ZYJ596	Mossoró RN	Brazil	23323 "A Voz do Brasil" to 2200, ID, ads for company in Mossoró, promo, deep fades; splatter from CBY and RNE on 990
JR	2010.11.08	1927	1931	990	Deutschlandradio Kultur	Berlin-Britz	Germany	Man speaking, with brief snips of classical violin, // 177 kHz, ID at 2030

JB	2010.11.12	2159	2200	990 SER Radio Bilbao	Bilbao EU	Spain	23332	local break, ID, ads and promos, big ID before rejoining net at 2200; losing to CBY
JB	2010.11.13	0801	0803	990 La AM 990 LRH203	Formosa	Argentina	34323	mx, ID, "Espacio publicidad" then ads, faded under a tango stn (Splendid presumably)
JB	2010.11.11	0024	0024	990 All India Radio	Jammu	India	12321	0023:30 just two cycles of the IS then gone; QRM CBY and Germany
JB	2010.11.11	1000	1000	990 CKGM	Montréal QC	Canada	31331	bits of tk, "This is CKGM" in a gap in the huge signal from CBY
JR	2010.11.09	1928	1933	990 Islamic Republic of Iran Broadcasting	Shiraz	Iran		Just the first chime at 1929:59 before QRMed by CBY, but matches the same IS on 900
JB	2010.11.07	1900	1901	990 BBC Radio 5 Live	Tywyn	UK / Wales	32442	under CBY, football pgm ending, pips, ID, begin "Pienaar's Politics", // 909
JB	2010.11.09	0359	0401	990 CBW	Winnipeg MB	Canada	22332	CBC Radio 1 ID behind CBY, pgm promos, 0400 nx
JB	2010.11.10	0029	0031	999 Islamic Republic of Iran Broadcasting	Baneh	Iran	23332	spacy mx, M w/ dramatic tk over, // 936 and many others, 3.76 sec behind 936; QRM Spain
JR	2010.11.08	1857	1901	999 Magic 999	Longton	UK		"This is Magic 999 News"
JB	2010.11.10	0600	0601	999 Magic 999	Longton	UK / England	23332	mx, ID, TC and nx by W
JR	2010.11.09	1928	1933	999 Deutsche Welle	Maiac	Moldova		ID as "Deutsche Welle" at start of 1900 Russian program
JR	2010.11.08	2029	2032	999 TWR / Golos Rossii	Maiac	Moldova		TWR IS before bottom of the hour, then ID that sounded like "Golos Borga"
JB	2010.11.09	0358	0402	999 Radio Pridnestrovye	Maiac / Grigoriopol	Moldova	44454	Russian: report involving children, end of pgm includes ID, IS, fanfare, ID, long list of items, 0401 nx
JB	2010.11.13	1900	1900	999 RAI Radio Uno	synchros	Italy	22321	just the modem noise and then harp sounder and "RAI" ID at 1900:20; QRM mainly Spain but possibly Russia too
JB	2010.11.13	0902	0903	1000 RCN HJAQ	Cartagena	Colombia	23332	chat, ad, "RCN", promo?; QRM other Latin and WMVP
JB	2010.11.09	0832	0833	1000 Radio Granma CMNM	Manzanillo GR	Cuba	33333	Cuban mx, big ID, chimes, begin a pgm w/ flute mx
JF	2010.11.08	1000	1000	1000 KOMO	Seattle, WA	USA		Fair ID and news
JR	2010.11.08	2056	2102	1005 "LO"	Klimovsk	Russia		NDB; pair of code groups, thirty seconds between each repetition
JF	2010.11.08	1000	1002	1008 JONR	Osaka	Japan	Very Poor	time pips, Japanese talk. Gone by 1002
JR	2010.11.08	2029	2032	1008 Islamic Republic of Iran Broadcasting	Semnan	Iran		3 chimes, followed by militant anthem, not listed in EMWG; mixing with Dutch and Spanish
JB	2010.11.08	0159	0201	1010 Rádio 10-10 ZYK232	Caxias do Sul RS	Brazil	23332	0200 fades up as UNID Brazilian fades down, ID "Rádio Dez Dez..."
JR	2010.11.08	2156	2202	1010 CBN	Fortaleza	Brazil		Full ID as "CBN ... Fortaleza, Ceara"
JB	2010.11.10	2157	2202	1010 Rádio CBN ZYH625	Fortaleza CE	Brazil	34444	initially mixing w/ another Brazilian, but then almost alone w/ many ads, 2201:45 full ID
JB	2010.11.13	2117	2118	1010 Rádio Jaraguá ZYJ764	Jaraguá do Sul SC	Brazil	22332	ID, few words, mellow poss rel song; QRM mainly another Brazilian and WINZ fades up
JB	2010.11.11	1000	1001	1010 WINS	New York NY	USA	44444	news and wx, ID at TOH; slight QRM from CFRB
JB	2010.11.12	0101	0102	1010 Rádio Bahia ZYH448	Salvador BA	Brazil	33333	mellow mx, ID w/ call, jingle; QRM another Brazilian
JB	2010.11.09	2100	2101	1017 China Radio International	Changchun	China	23321	just the IS and s/on sounders but tk by W is too poor; under Germany
JB	2010.11.08	1000	1002	1017 CNR8	Changchun	China	24322	s/on w/ "March of the Volunteers", M w/ poss ID, M and W tk but fade out almost immediately
JR	2010.11.09	2056	2101	1017 CRI	Changchun	China		CRI IS, all else lost to German SWR; we've heard China at 1000z, but not 2100.

JB	2010.11.08	0018	0024	1017 All India Radio	Chennai	India	13321	1070 Hz tone, 0021 IS, 0023 Vande Mataram but just 5-10 sec at a time; under Germany [Delhi is also on this freq, but both AsiaWaves and MWLIST say Delhi is 1300-1730]
JB	2010.11.11	2100	2101	1017 SWR Cont. Ra.	Mainz / Wolfsheim	Germany	34444	happy mx, ID, pips, TC, nx with Florian Rudolf (Stephanie's cousin)
JR	2010.11.08	1857	1901	1017 Gold Digital	Shrewsbury	UK / England		News in English
JB	2010.11.11	2100	2101	1017 Gold Digital WABC	Shrewsbury	UK / England	21331	in the seconds during SWR pips : "with the greatest hits of all time", nx by W
JR	2010.11.08	1927	1931	1017 Islamic Republic of Iran Broadcasting	Zahedan	Iran		Chimes as heard on other channels, ID seems to be "Iran Radio Iran"
JB	2010.11.08	1018	1021	1020 Radio Trinchera Antimperialista CMKS	Baracoa GU	Cuba	23332	heroic mx, W and M tk, big ID, TC, first bars of "Guantanamera", M tk, // 1070; QRM R. Reloj, IBOC noise
JB	2010.11.13	2223	2225	1020 Rádio Educadora Cariri ZYH600	Crato CE	Brazil	24322	fade up, enthusiastic tk, 2223:40 "Rádio Educadora Cariri" ("Cariri" is a bit quick: sounds like "aqui") and a few more "Rádio Educadora" but then signal faded; QRM R. Reloj and emerging Mundial Margarita
JB	2010.11.09	0156	0158	1020 Mundial Margarita YVRS	La Asunción	Venezuela	33333	Venez mz, ID's, 0157 nx: QRM R. Reloj
JB	2010.11.12	2337	2338	1020 Rádio Jovem Pan ZYH247	Maceió AL	Brazil	23322	fade up at 2337:15, slogan "Jovem, toda rádio por Brasil", some words, "Jovem Pan" jingle, men "Jovem Pan" and tk; QRM mess
JB	2010.11.11	0700	0702	1020 Rádio Caiçara ZYK202	Porto Alegre	Brazil	33332	emerges w/ talk, 0701 "Bom Dia, Bom Dia" and ID; QRM was mush of many stns including Reloj, Globo Cultura and NA stns
JB	2010.11.13	0930	0932	1020 Rádio Folha AM ZYJ702	Boa Vista RR	Brazil	23322	fades up as KDKA dives, echoey PP tk poss nx, 0931 ID ("Radio Foya AM"), fades under blob
JB	2010.11.08	0023	0025	1026 All India Radio	Allahabad	India	12321	IS; crushed by Downtown R.
JF	2010.11.08	0000	0030	1026 Downtown Radio	Belfast	UK / Northern Ir		Good Rock mx by George Harrison, Tom Petty and others, dedications, severe weather forecast for Northern Ireland. ID " You are listening to Downtown across the province"
JR	2010.11.08	1957	2002	1026 Downtown Radio	Belfast	UK / Northern Ireland		ID then news, interference from Iran
JB	2010.11.10	2100	2100	1026 Downtown Radio	Knockbracken / Belfast	UK / Northern Ir	22332	ads, ID, news; QRM Belarus, Mayak, BBC Jersey, Spain
JB	2010.11.10	2100	2100	1026 BBC Radio Jersey	Les Platons / Jersey	UK / Channel Isl	22331	bits of audio, "BBC Radio Jersey" but very poor; QRM Belarus, Mayak, Downtown R., Spain
JB	2010.11.07	2100	2100	1026 Radio Mayak	Porog, Urdoma & Nyandor	Russia	22321	2059:40 Mayak IS twice, pips; QRM Downtown R. and Spain
JB	2010.11.11	2100	2100	1026 Belaruskaje Radujo / Kanal Kultura	synchros	Belarus	22331	bit of clas mx, M w/ ID; under Downtown R. and also QRM from Spain
JB	2010.11.10	2100	2100	1026 Kanal Kultura	synchros	Belarus	22332	Vivaldi's "4 Seasons", // 1125; QRM BBC Jersey, Downtown R., Spain, Mayak
JR	2010.11.08	1927	1931	1026 Radio Mayak	synchros	Russia		"Moscow Nights" IS at BOH, poor under Iran. Nothing listed in EMWG, but three Archangelsk synchros listed in WRTH
JR	2010.11.08	2029	2032	1026 Radio Moscow	synchros	Russia		"Moscow Nights", not listed in EMWG, synchros in Archangelsk area it appears from WRTH listing
JB	2010.11.06	2000	2001	1026 Islamic Republic of Iran Broadcasting	Tabriz	Iran	33433	Farsi tk, 2000:30 men "Azerbaijan" // 846, 1323; QRM pop mx, presumed Downtown R., and Spain
JB	2010.11.09	2000	2001	1026 Islamic Republic of Iran Broadcasting	Tabriz	Iran	32332	plucked instr mx, 2000:45 M seems to ID men "Tabriz", more tk; QRM Downtown R.

JR	2010.11.08	1927	1931	1026	Islamic Republic of Iran Broadcasting?	Tabriz	Iran	Seems to be Iran with woodwind music, no chimes or ID at BOH
JB	2010.11.11	0700	0701	1030	Radio Del Plata LS10	Buenos Aires	Argentina	24343 promo for play over pips , 0700:30 "Radionoticias Del Plata"
JB	2010.11.08	0159	0201	1030	RCN Antena 2 HJER	Calí	Colombia	23332 woman w/ promo, 0159:30 "Antena Dos", ad?, 0200:20 "Antena Dos...RCN, La Radio" poss nx; QRM R. Del Plata
JB	2010.11.12	2359	0000	1030	Rádio Repórter ZYK253	Ijuí RS	Brazil	23322 fade up w/ 2 ID's, second pretty clear, ad, animated tk but buried by WBZ
JB	2010.11.12	2348	2349	1030	Rádio Olinda ZYI777	Olinda PE	Brazil	33333 excited tk, ad or promo for "Show", "Rádíolinda" [pronouced as one word] then TC... "da Rádio da Família"
JB	2010.11.08	2200	2202	1030	Rádio Capital ZYJ467	Rio de Janeiro RJ	Brazil	33333 fades up w/ website and ID, mellow song by woman, poss rel, slowly fading away
JB	2010.11.13	2159	2201	1035	West Sound Radio	Ayr	UK / Scotland	23332 accordion mx, ID, TC, news; QRM Estonia and others
JB	2010.11.08	0954	1000	1035	KBS 1 (tent)	P'ohang	Korea, South	14321 talk sounds Korean 0954:15 to 0954:45, then below threshold, 1000 pips match KBS1 (3 + 1, duration of 3 pips is 0.2 sec, not 0.1 sec like NHK)
JR	2010.11.08	1957	2002	1035	Radio Eli	Tartu	Estonia	Russian language, "Govorit Radio Eli", QRM from a Brit local
JB	2010.11.09	2058	2101	1035	Radio Eli	Tartu	Estonia	43343 Russian end of TWR pgm w/ address, piano mx, IS once, 2100 "Radio Eli" Christian nx
JR	2010.11.08	1857	1901	1035	Trans-World Radio	Tartu	Estonia	TWR interval signal
JB	2010.11.07	2030	2030	1035	Islamic Republic of Iran Broadcasting	Yazd	Iran	22331 poss tk, chimes, W gives ID; under Estonia
JR	2010.11.08	1927	1931	1035	Islamic Republic of Iran Broadcasting	Yazd	Iran	Chimes at BOH
JR	2010.11.09	0400	0405	1040	CKST	Vancouver BC	Canada	Promo for Montreal Canadiens hocky, ID as "The Team 1040"
JR	2010.11.09	0014	0022	1044	AIR	Mumbai	India	IS noted at 0023:58, Vende Mataram ar 0025:00
JB	2010.11.08	0023	0023	1044	All India Radio	Mumbai	India	12321 IS audible once only at 0023:20; QRM Germany and Spain
JB	2010.11.13	1859	1901	1044	SER Radio San Sebastián	San Sebastián EU	Spain	32432 "Carrusel Deportivo" pauses at 1859:30 for local break, ID, ads, rejoins "Carrusel Deportivo" at 1900:30; QRM SER R. Valladolid and Morocco
JR	2010.11.09	0030	0033	1044	Cadena SER	Valladolid	Spain	"Cadena Valladolid"
JB	2010.11.13	1859	1901	1044	SER Radio Valladolid	Valladolid CL	Spain	32432 "Carrusel Deportivo" pauses at 1859:30 for local break, ID, ads, rejoins "Carrusel Deportivo" at 1900:30; QRM SER R. San Sebastián and Morocco
JR	2010.11.08	2129	2133	1046	"TZ"	Vologda	Russia	NDB
JB	2010.11.11	0500	0501	1050	Radio Victoria CMLL	Victoria de las Tunas LT	Cuba	13321 few words, orchestral anthem
JB	2010.11.11	0859	0901	1050	Radio Victoria CMLL	Victoria de las Tunas LT	Cuba	32332 happy instr mx, 0859:30 M gives call, ID, TC, mx bridge, W intro Cuban mx pgm; under WEPN
JR	2010.11.08	2129	2133	1055	"IN"	Sukhotino	Russia	NDB
JB	2010.11.11	0500	0502	1060	Radio 26 CMDL	Jovellanos MA	Cuba	23332 ID "dede Matanzas, Cuba," piano, pips, choral anthem, 0501:45 poss ID then Cuban mx
JB	2010.11.09	0859	0900	1060	RCN Caldas HJFJ	Manizales	Colombia	22332 ads, 0900 sounder, "RCN, noticias de la mañana", pips, overwhelmed by rel stn, // 770; QRM rel station
JB	2010.11.06	2359	0001	1060	WQOM	Natick MA	USA	34444 promo for nx, prayer, end of Station of the Cross pgm, ID, Gregorian chant

JB	2010.11.09	0830	0830	1060	Radio Noticias YVOE	San Cristóbal	Venezuela	23321	mix of weak stations, just ID slogan "Radio Unión y Radio Noticias" after pips (that might have been a different stn)
JB	2010.11.11	0900	0902	1060.3	Radio Furatena HJMV	Chiquinquirá	Colombia	23332	carrier was on earlier but not sure there was audio, campesino mx, 0901 two cock crows, Colombian anthem; this s/on consistent w/ sign-on heard at later date via web-stream [ID suggested Mika Mäkeläinen and Henrik Klemetz, RealDX]
JB	2010.11.07	1642	1646	1062	Danmarks Radio	Kalundborg	Denmark	15342	IS to 1644:30 M tk but too weak to comprehend, W tk, wx report is listed
JR	2010.11.08	2358	0005	1062	IRIB	Kamen	Iran		Music, then ID as "Radio Iran" at 0005:20. Very strong.
JB	2010.11.09	0229	0231	1062	Islamic Republic of Iran Broadcasting	Kerman	Iran	24443	Iranian instr mx, 0230 three chimes, ID, flourish, M tk
JR	2010.11.08	1927	1931	1062	"NM "	Nemyriv	Ukraine		NDB, two repetitions, then gap
JB	2010.11.07	2059	2101	1062	Country Radio	Zbraslav	Czech Republic	33332	mx fades up, cuckoo noise, sounder, M w/ "Country Raadio" (long "a"), C+W mx in Czech; QRM Italy and others
JB	2010.11.10	0558	0601	1062	Country Radio	Zbraslav	Czech Republic	35333	fade up, Czech ads, 0600 cuckoo sounds, W w/ poss slogan, tk: football scores?, faded out
JB	2010.11.09	1000	1002	1070	Radio Santa Fé HJCG	Bogotá	Colombia	33333	chimes, TC, dreamy Radio Santa Fé song, 1001 Noticiero Santa Fé; QRM Mundial Zulia and others
JR	2010.11.09	0429	0433	1070	KNX	CA Los Angeles	USA		"This is Southern California's only all-news station", local 714 AC Jewelry Exchange ad
JB	2010.11.10	2158	2202	1070	Rádio Cajazeiras ZYI673	Cajazeiras PB	Brazil	33333	tk pgm was essentially a monologue by M, men "Cajazeiras" three times just after 2200, pgm ends at 2201, poss garbled ID and seems to be nx afterwards
JB	2010.11.12	2331	2331	1070	Rádio Industrial ZYI427	Cuiabá MT	Brazil	23312	brief fade up w/ "Rádio Bandeirantes" ID, this is the only Bandeirantes stn on 1070 [there is an error in the Brazilian MW list: BAND is written for the stn above this, but BAND website confirms this only one is BAND plus http://www.industrial1070.com.br/index.php shows BAND affiliation and pgms]
JB	2010.11.09	1000	1000	1070	Radio Trinchera Antimperialista	Guantánamo GU	Cuba	22322	sound effect/theme mx?, 0959:30 woman w/ TC and ID; tangled mess of Spanish signals
JB	2010.11.08	1018	1020	1070	Radio Trinchera Antimperialista CMKS	Guantánamo GU	Cuba	23433	heroic mx, W and M tk, big ID, TC, first bars of "Guantanamera", M tk; QRM US stn
JB	2010.11.09	0957	0959	1070	Radio Mundial Zulia YVMA	Maracaibo	Venezuela	32322	difficult mix of Spanish signals, tk about social issues, 0957:30 woman interviewer mentions "Radio Mundial Zulia 10-70 AM", continue tk; QRM Cuban, R. Santa Fe and maybe others
JB	2010.11.11	0916	1001	1070	KLIO	Wichita KS	USA	23322	bits of slogan "only oldies frequency...USA" then Captain & Tennille "Love Will Keep Us Together"; 0953:30 Len Barry "1-2-3", 0954 "The True Oldies Channel... one great song after another The True Oldies Channel" then Kenny Rogers "Ruby"; 1000:45 poss ID but undecipherable; QRM mainly CHOK later also KNX
JR	2010.11.08	2029	2032	1071	Radio Ma'aref	Alborz (Qom)	Iran		3 chimes, but 6 seconds later than the others. ID mentions "Ma'aref", anthem follows
JB	2010.11.09	0000	0001	1071	TalkSport	Clipstone & Wrekenton	UK / England	33433	2359:30 Renault ad, promo for Premier League Football, ID, nx

JB	2010.11.08	2029	2031	1071	IRIB Radio Ma'aref	Qom	Iran	44444	rel-sounding song by M choir, 3 chimes, ID, choral anthem: QRM TalkSport
JB	2010.11.08	2030	2031	1080	Voice of the Islamic Republic of Iran	Bandar-e Mahshahr	Iran	33332	flute tones sounds like IS, 3-tone chimes, ID in Arabic, fanfare, Arabic tk, // 1224; QRM Spain and other [1080, 1224 and 1503 recordings all exactly synchronized]
JB	2010.11.10	0200	0204	1080	Radio Barcelona YVQJ	Barcelona	Venezuela	24333	in the mud initially, but emerging w/ mx, multiple ID's and promos
JR	2010.11.08	1927	1931	1080	"AR"	Buzharovo	Russia		NDB, two repetitions, then gap
JB	2010.11.08	2157	2202	1080	Rádio Jornal ZYI784	Caruaru PE	Brazil	33333	ad, sound effects, ID, ad, 2158 ID again, ad?, 2159 ID, jingle/song, 2200 IDs, promos and ads
JB	2010.11.11	0859	0901	1080	WHIM	Coral Gables FL	USA	23322	EE ads fade up, legal ID "WHIM, Coral Gables, Miami, Fort Lauderdale", Haitian talk
JR	2010.11.08	2056	2102	1080	SER Radio Huesca	Huesca	Spain		ID as "Radio Huesca Cadena SER", just before top of hour, QRM from Iran Koran reading
JB	2010.11.08	2059	2100	1080	SER Radio Huesca	Huesca AR	Spain	33333	local break, ID, traffic situation in Huesca, ID again and back to net at 2100; QRM other SER and AA stn
JB	2010.11.12	2359	0002	1080	Rádio Marabá ZYK254	Iraí RS	Brazil	33333	sports programming w/ a number of goals replayed, poss mentions of "Marabá" around 0000, clear "Radio Gaúcha" jingle at 0002 [Marabá is the only Gaúcha affiliate listed on 1080]
JB	2010.11.11	0058	0059	1080	Rádio Gaspar ZYI437	Itiquira MT	Brazil	33323	fade up to reasonable level: enthusiastic tk (poss sports), "Rádio Gaspar" men Palmas in Tocantins (but no Tocantins stn of freq) a few times, "9 58" TC, other tk but fades out
JB	2010.11.13	1859	1901	1080	SER Radio Coruña	La Coruña GA	Spain	33433	"Carrusel Deportivo" pauses at 1859:30 for local break, ID, ads, rejoins "Carrusel Deportivo" at 1900:30; QRM Onda Cero
JR	2010.11.08	2029	2032	1080	Islamic Republic of Iran Broadcasting	Mahshahr	Iran		3 chimes, followed by a brief musical flourish, interference from Spain
JR	2010.11.09	2128	2134	1080	Golos Rossii	Saransk	Russia		ID heard in mess dominated by WTIC and "AR" Russian beacon
JB	2010.11.08	1949	1954	1081.4	Turkmen Radio 1	Serhetabat	Turkmenistan	13331	instr mx, M tk briefly then W for quite a while (lang sounds right), 1953 instr mx again, 1954:30 diff mx W sings
JB	2010.11.08	2200	2202	1081.4	Turkmen Radio 1	Serhetabat	Turkmenistan	13331	carrier but little/no audio from 2157 until approx. 2159:45, instrument mx, pips, W tk briefly then mx w/ fast violin sawing, more tk
JB	2010.11.08	2059	2102	1081.5	Turkmen Radio 1	Serhetabat	Turkmenistan	23422	local mx, 2059:40 sudden fade up w/ guitar strumming, M tk but v weak, 2101 M tk again but still v weak; splatter
JR	2010.11.08	2056	2102	1081.5	Turkmen Radio 1	Serhetabat	Turkmenistan		Suspected Morocco, but in the past Morocco on the low side. So tentatively Turkmen 1.
JB	2010.11.10	2059	2102	1081.5	Turkmen Radio 1	Serhetabat	Turkmenistan	24343	local inst w/ occasional yelling, 2100:15 quiet guitar and panpipes W amd M tk over; splatter from 1080
JB	2010.11.10	2359	0002	1081.6	Turkmen Radio 1	Serhetabat	Turkmenistan	23333	light instr mx, 2359:50 theme mx, pips, W w/ anmt, sounder, then "Watan Radioa" ID, then M w/ ID, local mx; splatter
JB	2010.11.06	1957	2003	1081.6	Turkmen Radio 1	Serhetabat	Turkmenistan	23332	local mx M sings w/ violin-like instrument, 2000 different mx violin-like and drum, 2000:15 W tx briefly, M tk, then W again: poss nx, but signal faded here
JB	2010.11.09	0059	0100	1081.8	Turkmen Radio 1	Serhetabat	Turkmenistan	24322	0058:45 orch mx, M in lang, fade; splatter from 1080

JR	2010.11.09	1928	1933	1089	Islamic Republic of Iran Broadcasting	Biarjman	Iran	Weak 3 tone IS under TalkSport
JB	2010.11.07	2230	2230	1089	Islamic Republic of Iran Broadcasting	Biarjmand	Iran	21421 glimpses of tk, // 1503 but 0.43 sec behind 1503; far under TalkSport
JB	2010.11.08	0947	1002	1089	Liaoning PBS	Shenyang	China	23333 Chinese tk, mainly by W, 1000 pips, Beijing TC, M w/ ID and enthusiastic tk, // 963
JB	2010.11.12	2200	2201	1090	Rádio Rural de Natal ZYJ592	Natal RN	Brazil	23332 fade up, ID stuff, jingle, big ID w/ call, promo; QRM another Brazilian
JB	2010.11.09	2029	2102	1098	China National Radio 1	Golmud	China	23332 ambulance-siren sound effects but may not be the same stn, W w/ anmt that concluded w/ "Zhongguo zhi Sheng" at 2029:45, then poss ad, 2030 flute mx and "Zhongyang Renmin Guangbo Diantai", W tk (//1377 at 2031); 2101 fade up again w/ W and M tk, // 1377 at that time (well synchronized); QRM mainly Spain
JR	2010.11.08	2029	2032	1098	Radio Vatanym	Kurkino	Russia	tentative, police siren sound effects, single mention of what sounded like "Vatanym"
JB	2010.11.11	0625	0627	1098	RNE Radio 5	Lugo GA	Spain	33333 regional break: sounder, 0625:25 "Radio Nacional de España, Galicia", sounder just goes on and on; splatter
JB	2010.11.09	2258	2302	1098	Radio Devín	Nitra-Járok	Slovakia	24332 bits of instr mx, 2258:30 classical sounder, "Radio Devín" ID, choral anthem, 2300 pips, mx but faded, 2300:30 nx?
JB	2010.11.07	1959	2001	1098	Broadcasting Service of Kingdom of Saudi Arabia	Qurayyat	Saudi Arabia	33443 AA stringed instrument fade up, 2000 ID, sounder, nx; QRM unID stations
JB	2010.11.11	0928	0929	1098	Tianjin PBS	Tangu , Tianjin	China	24323 fade up w/ Chinese W and M tel number 022-23662133, with an introduction to a hospital in Tianjin, "Tianjin Guangbo Dientai" at 0929, fade; splatter [Qi Yuxin identified the tel number and the subject of the talk with the city]
JR	2010.11.08	2257	2302	1098	UNID			anthem at 2257, flute IS at 2301 - same program? Nothing similar on IS OnLine, RFI TWN?
JB	2010.11.09	0929	0902	1100	Caracol HJAT	Barranquilla	Colombia	33333 nx, jingle, ad, anti-drug PSA, 0931 "Hoy por Hoy" pgm anmt, W w/ TC, ID as "Caracol Radio", and nx; over WTAM
JB	2010.11.13	0913	0952	1100	Caracol HJAT	Barranquilla	Colombia	23322 fade up, mx, "4 de la madrugada, 12 minutos", then "13 de noviembre" and tk ... fade...0951:20 back w/ TC, ID, // 1170 (Caracol Colombia); QRM WTAM [ID by Alessandro Groppazzi, RealDX]
JB	2010.11.11	0958	1008	1100	WZFG	Sabin / Dilworth MN	USA	33423 0958 ad, promo mentioning Fargo many times "on AM 11 hundred The Flag", 1000 jingle "Nonstop[?] radio, the flag, WZFG", Fox nx, 1005 nx ending, wx "Talkradio 1100 The Flag", 1006 jingle "Talkradio, The Flag, AM 11 hundred", ad "in downtown Fargo", begin "Morning in America" tk pgm; QRM WTAM
JB	2010.11.08	0027	0029	1107	Radio Afghanistan	Kabul	Afghanistan	32332 tone, flute IS w/ ID, flute tune, choral NA, fading fast; QRM Moray Firth R. and Iran
JB	2010.11.07	0401	0402	1107	Armed Forces Network Power Network	Kaiserslautern	Germany	23322 Moray Firth fades down, US accent tk, W mentions "NPR News" and nx about Obama, // 873; QRM Moray Firth R.
JR	2010.11.09	1928	1933	1107	Islamic Republic of iran Broadcasting	Sabzevar	Iran	Very very weak IS under Moray Firth Radio
JR	2010.11.09	2128	2134	1107	AFN	synchros (2)	Germany	NPR News signature tune, poor under Brit

JB	2010.11.13	0559	0603	1110	Radio de la Ciudad LS1	Buenos Aires	Argentina	24332	weak tk, 0559:45 celestial sound effects, ID, TC (UTC-3), temp, pips, nx, 0602 ID, Herb Alpert-like mx
JB	2010.11.08	0400	0400	1110	Radio Angulo CMKO	Holguín HO	Cuba	13331	too weak for the ID, but orch mx, // 740; QRM WBT
JB	2010.11.06	2300	2302	1116	Islamic Republic of Iran Broadcasting	Ardakan	Iran	23332	fading up over Spain, male vocal local mx, 2301 M tk w/ ID "Sarasarye Radio Iran," but extremely poor, // 900, 1368, 1503
JB	2010.11.08	2030	2032	1116	Islamic Republic of Iran Broadcasting	Ardakan	Iran	33433	mx, chimes, ID by W, men's militaristic song, W tk // 765, 891, 900 etc.; QRM Spain, Hungary and ME stn
JR	2010.11.08	1927	1931	1116	Islamic Republic of Iran Broadcasting	Ardekan	Iran		Chimes // others, "Iran Radio Iran" ID
JB	2010.11.09	1859	1901	1116	BBC Radio Derby	Burnaston / Derby	UK / England	23333	Michael Jackson song, emerges as Spain fades down, synopsis of uncoming programming, ID, pips, nx, Spain fades up again
JB	2010.11.10	0600	0601	1116	BBC Radio Derby	Burnaston / Derby	UK / England	24343	emerging w/ ID, W reads nx
JR	2010.11.09	0257	0302	1116	RTD-1	Djibouti	Djibouti		brief anthem portion during silence before SER ID at top of hour matches Djibouti anthem on ISOL
JB	2010.11.08	0929	0933	1116	RNB, Nakai Hoso JOAF	Matsuyama	Japan	14332	Japanese tk by M and W, 0930 "Nankai Hoso" by M and then W, more tk -- maybe some ads; QRM splatter
JB	2010.11.07	2258	2302	1116	Radio Miskolc	Miskolc	Hungary	22332	rustic a capella singing by W, NA just after 2300, definitely not // 540 initially but anthem seems to be //; QRM mainly Spain
JR	2010.11.08	2156	2202	1116	Radio Pontevedra	Pontevedra	Spain		Local ID before news.
JB	2010.11.09	0119	0130	1116	All India Radio	Srinagar	India	33323	IS, 0119:30 Vande Mataram, W w/ tk ending in English "you are listening to the ___ Programme and the ___ Programme", local instr mx, completely dominated by Iran at 0130 but discern pips, ; QRM Iran, Spain, Brit stn
JR	2010.11.09	0120	0125	1116	AIR	Srinigar	India/Kashmir		Vande mataram at 0119
JR	2010.11.08	1957	2002	1116	RAI Uno	synchros	Italy		Fax sound effect then pips // 900 and others
JR	2010.11.08	1857	1901	1116	Islamic Republic of Iran Broadcasting		Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512.
JB	2010.11.08	0948	0955	1116	UNID		Japan	24332	W w/ v high voice, poppy light instr mx, 0949 M tk, but fading out
JF	2010.11.08	0131	0145	1120	Rádio Rural ZYK274	Porto Alegre RS	Brazil		Fair nice ID after rustic pop music
JB	2010.11.08	0159	0201	1120	Rádio Rural ZYK274	Porto Alegre RS	Brazil	34333	Brazilian song, ID and TC, more mx
JB	2010.11.11	0700	0702	1120	Rádio Rural ZYK274	Porto Alegre RS	Brazil	23332	"Radio Brasil Liberal", temperatures for Rio Grande do Sul; in a mix of Brazilians [location deduced by Rocco Cotroneo, RealDX]
JB	2010.11.11	0047	0048	1120	Rádio Tupinambá ZYH598	Sobral CE	Brazil	23322	lively mx, "Rádio Tupinambá de Sobral" ID and slogan before fading down
JR	2010.11.09	0200	0205	1125	Vivacite	Houdeng	Belgium		French time check, then "Vivacite"
JB	2010.11.10	2100	2102	1125	Kanal Kultura	Minsk	Belarus	33323	clas orch mx ends (Orfey going off?) leaving Vivaldi's "4 Seasons" (// 1026), 2100:30 ID and announces nx, bit of mx, nx, but fading under Belgium
JB	2010.11.08	2030	2032	1125	Islamic Republic of Iran Broadcasting	Nehbandan	Iran	33332	mx, chimes, ID by W, men's militaristic song, W tk // 765, 891, 900 etc.; QRM Spain and Orfey
JR	2010.11.08	2056	2102	1125	Radio Orfey	Sankt-Petersburg	Russia		Classical music, ID as "Radio Orfey", mixing with Spain and Iran
JR	2010.11.08	1927	1931	1125	Islamic Republic of Iran Broadcasting	synchros	Iran		Chimes // others

JR	2010.11.08	1857	1901	1125	Islamic Republic of Iran Broadcasting		Iran	parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512, weaker than 1116
JR	2010.11.08	1857	1901	1125	UNID			ID sounds like "Radio Shulman", must be either R. Orfey or Belarus
JB	2010.11.13	0459	0501	1130	Rádio Marajoara ZYI130	Belém PA	Brazil	22321 mixing w/ R. Nacional and WBBR, fades up a bit at end of mx, "Marajoara" M tk, poss jingle, R. Nacional becomes prominent shortly thereafter
JB	2010.11.10	2156	2202	1130	Rádio Nacional ZYJ460	Rio de Janeiro RJ	Brazil	44444 "A Voz do Brasil" to 2200, multiple ID's including one w/ call, jingle, more nx; over WBBR but losing to WBBR by 2202
JB	2010.11.08	0930	0930	1130	CKWX	Vancouver BC	Canada	21331 very far beneath WBBR but hear clearly "CKWX news-time ..."
JB	2010.11.08	1000	1002	1130	CKWX	Vancouver BC	Canada	31342 W w/ nx, M w/ sports, 1001:15 "News 11-30" slogan, men "traffic and weather every 10 minutes", report on highway conditions; far under WBBR
JR	2010.11.08	2156	2202	1130	Radio Jornal		Brazil	"Radio Jornal" heard, probably Radio Nacional in Rio de Janeiro
JR	2010.11.08	1927	1931	1134	Islamic Republic of Iran Broadcasting	Bojnurd	Iran	Chimes // others, COPE weak underneath
JF	2010.11.08	0937	0944	1134	KBS	Hwaseong	Korea, South	Poor Korean talk, music at 0943
JB	2010.11.11	0958	1002	1134	KBS 3 / Voice of Love HLKC	Hwaseong	Korea, South	23322 Korean ballad, M tk w/ ID ("H L K C"), 3+1 pips, Herb Alpert "Tijuana Taxi" w/ W talking over, probable nx by M and W (<i>not</i> // 972 as it was in 2009); splatter
JB	2010.11.07	2230	2231	1134	Islamic Republic of Iran Broadcasting	Kalibar / Bojnurd	Iran	33322 bits of tk fading in and out, 2230:30 W w/ ID men Payam and "Radio Bojnurd", more tk
JB	2010.11.09	0259	0301	1134	Radio Mayak	Murmansk	Russia	23332 tk and laughing, jingle/ID, W w/ TC, Mayak sounder, nx; QRM mainly Spain
JB	2010.11.10	0600	0600	1134	Radio Mayak	Murmansk	Russia	13331 Mayak IS twice; under COPE
JB	2010.11.09	0024	0025	1134	COPE Astorga	Peñicas / Astorga	Spain	32332 net promo for Cadena COPE, 0024:15 begin local break W w/ ID for COPE Astorga; mix w/ other COPE stns
JR	2010.11.09	0257	0302	1134	Mayak?	synchros		Moscow Nights IS, 5+1 pips // 1143
JB	2010.11.08	0929	0932	1134	NCB, Bunka Hosho JOQR	Tokyo	Japan	14332 talk by Japanese W but no discernable ID
JB	2010.11.08	0949	1000	1134	NCB, Bunka Hosho JOQR	Tokyo	Japan	23332 two W tk, QRM faded up around 0951:20 (Korea?), 0952 pop ballad, mx again at 0957, faded just before TOH
JR	2010.11.08	2056	2102	1134	HRT	Zadar	Croatia	This one really threw me with a long list of station IDs that sounded Spanish, like "Radio Dobleve", but finally figured to be Croatia with "Radio Rijeka"
JR	2010.11.08	2257	2302	1134	UNID		Russia	Sounded like Murmanski Radio, then "Novostiye" (news)
JB	2010.11.11	0059	0101	1140	Radio Surco CMIP	Ciego de Ávila CA	Cuba	23323 fades up w/ theme mx and "Transmite CMIP, Radio Surco, desde Ciego de Ávila, capital e la __cución(?) cubana", begin pgm of Mexican mx; QRM mainly CBI
JB	2010.11.13	0927	0929	1140	M-R de Monterrey XEMR	Monterrey NL	Mexico	22332 M "11-40" and poss ID, M then W tk, 0928 M yells "muy buenisimo dia en ese sabado...M-R de Monterrey" I think part of a promo, then only incompletely followable because of QRM; under CBI
JB	2010.11.13	0702	0703	1140	Rádio Cultura da Bahia ZYH449	Salvador BA	Brazil	33323 promo for event in Salvador, pgm from the Igreja Internacional na Graça de Deus, promo to listen on-line, call and freq but no slogan, fade; QRM CBI mainly
JR	2010.11.08	1957	2002	1143	Golos Rossii	Bolshakovo	Kaliningrad	"Golos Rossii" ID, but mixing with another station playing "Moscow Nights" interval signal

JB	2010.11.08	0023	0027	1143 All India Radio	Rohtak	India	23332 IS, 0025 Vande Mataram, W tk, trad Indian mx (PAL lists only this one at this time)
JB	2010.11.10	0559	0601	1143 Radio Mayak	Samara	Russia	24333 M and W tk, pause, jingle IS twice, fanfare, W w/ nx; QRM Spain
JR	2010.11.08	1957	2002	1143 Radio Moscow	Samara	Russia	"Moscow Nights" interval signal under Golos Rossii; location is Mekhzavod in 2010 WRTH, Samara in EMWG
JB	2010.11.12	2000	2001	1143 RAI Radio 1	Sassari	Italy	22322 sound effect, pips, W tk, harp sounder "RAI", pres nx; under Russia
JB	2010.11.09	0159	0201	1150 Rádio Globo ZYL283	Belo Horizonte MG	Brazil	23322 fade up w/ sound effects, "Globo Noticias" then QRM Pioneira, another Brazilian and likely Brigadier López
JB	2010.11.14	1000	1000	1150 WWDJ	Boston MA	USA	23332 rel song in EE, SS ID: "WWDJ, Radio Luz, 11-50 AM, iluminando mente y corazón" and mx again
JB	2010.11.10	0900	0902	1150 Radio Bayamo CMKX	Entronque Bueycito GR	Cuba	23332 tk, piano mx, chime then organ theme, W w/ ID at 0901, W intros mx
JB	2010.11.10	0959	1001	1150 WHBY	Kimberly WI	USA	34333 ads, football promo on WHBY, 1000 "Newstalk 11-50" legal ID, CBS nx
JB	2010.11.09	1000	1000	1150 RCN Neiva HJFP	Neiva	Colombia	12331 1000:25 pips and very weak "RCN Noticias", // 1170, 980, 910, 770; under US stn and possibly Bayamo
JB	2010.11.13	0400	0401	1150 Radio Brigadier López LT9	Santa Fé	Argentina	33323 Brazilian fades down a bit, promo for pgm "Contrapunto" on "LT9", full ID including "Radio Brigadier López" but upsurge of Brazil ruined the end of it
JB	2010.11.13	0759	0801	1150 Rádio Tupi AM ZYK656	São Paulo SP	Brazil	33343 phone tk, 0800 "Rádio Tupi AM, 1150, São Paulo", mellow jingle, Chistmas bells; QRM sounded Argentinean
JF	2010.11.08	0129	0132	1150 Rádio Tupi ZYK656	São Paulo SP	Brazil	Poor almost religious sounding talk over music with mentions of São Paulo
JB	2010.11.09	0159	0201	1150 Rádio Pioneira ZYI891	Teresina PI	Brazil	23322 hype for pgm "Com a Mãe Aparecida", only Catholic stn on freq [http://www.difusora.am.br/rcruna.html]; QRM Globo, another Brazilian and likely Brigadier López
JB	2010.11.11	0059	0101	1150 Rádio Pioneira ZYI891	Teresina PI	Brazil	23322 mx, ID, net address, more ID stuff, promo / Catholic family stuff, 0104 "Aparecida" mentions; QRM R. Tupi
JB	2010.11.13	0958	1001	1150 UNID			23322 SS: before had W w/ long rel tk, mx, M w/ anmt men "CPCAU", mx, 1000 M w/ ID it's too weak, rel tk again after 1002
JB	2010.11.14	0921	0939	1150.2 Radio Frontera	Juliaca	Peru	23232 rustic Andean mx (huaynos), M w/ shouted anmts in Spanish, more mx and faded for minutes, 0929 repetitive huaynos, 0930 brief tk in SS, mx, tk again at 0934 and 0937 but no ID noted, fade out of audio at roughly 0940; broad, poorly broadcast signal evident on Perseus, QRM is splatter [ID by Henrik Klemetz, RealDX]
JB	2010.11.11	0625	0627	1152 RNE Radio 5	Albacete CM	Spain	22322 regional break: sounder, 0625:25 "Radio Nacional de España, Castilla La Mancha", fades below RNE5 Málaga and Brit signals
JB	2010.11.10	0600	0601	1152 Clyde 2	Dechmont Hill / Glasgow	UK / Scotland	24444 shedding QRM, internet service provider ad, ID, "Radio Clyde News"
JB	2010.11.08	0948	1001	1152 NHK 2 JORB & JOPC	Kochi & Koshiro	Japan	14322 English lesson about buying music "Take a trip down memory lane" over and over, // 693, 774; audio only during occasional peaks
JB	2010.11.11	0918	0919	1152 NHK 2 JORB & JOPC	Kochi & Koshiro	Japan	13321 M and W w/ Japanese nx, // 774; splatter
JF	2010.11.08	0948	1000	1152 JOPC	Kushiro	Japan	Very Poor weak in Japanese, time pips at 1000
JB	2010.11.11	0625	0627	1152 RNE Radio 5	Málaga AN	Spain	23332 regional break: sounder, 0625:25 "Radio Nacional, Andalucía", W w/ nx; QRM RNE5 Albacete, Brit signals

JB	2010.11.14	0959	1004	1160	Ecos de Colombia HJOC	Bogotá	Colombia	24322	"La Voz de la Liberación" pgm announcing various pastors at various times, rel tk
JB	2010.11.13	0100	0102	1160	Rádio Globo ZYH714	Brasília DF	Brazil	23333	fade up, "Globo Noticias" slogan, ID, W w/ nx
JB	2010.11.09	0059	0101	1160	WYLL	Chicago IL	USA	23333	PSA, "Jesus.org" ad, "Chicago's Christian Talk" ID, SRN news
JR	2010.11.09	0100	0105	1160	WYLL	IL Chicago	USA		ID, SRN news
JB	2010.11.13	0600	0600	1160	Rádio Difusora ZYJ767 (tent)	Laguna SC	Brazil	14321	poss mx, M w/ ID "Rádio Difusora de __na" (?) then faded away
JB	2010.11.08	0930	0931	1160	KSL	Salt Lake City UT	USA	23322	fade up w/ promo for "Keyword Contest" on "KSL.com" and ID w/ FM freq; QRM mix of stations
JB	2010.11.11	0159	0201	1160	Caribbean Radio Lighthouse	St. John's	Antigua	23343	cheesy organ mx, 0200 ID, TC, hymn and prayer; QRM BBC Bermuda
JB	2010.11.14	0858	0902	1160	UNID		Brazil	24332	rel tk, seems to recap programs at 0859, men Amazonas I think; QRM likely from Caribbean Radio Lighthouse
JB	2010.11.09	0157	0200	1160	Rádio Espírito Santo ZYI202	Vitória ES	Brazil	24333	W w/ telephone news report, M tk, sounds like end of pgm, tel number w/ ID
JB	2010.11.08	0023	0026	1161	Magic 1161	Goxhill	UK / England	33443	promo w/ ID, ad "Medical Action Claim Line", 0024:30 W w/ nice ID, pop song "Midnight Train to Georgia"; QRM from Tay AM
JR	2010.11.09	2157	2203	1161	Magic 1161	Goxhill	UK		Several IDs, stronger than Tay AM, then into news
JB	2010.11.10	2259	2301	1161	Magic 1161	Goxhill	UK / England	33333	car ad, big ID, Sky nx; over pop mx from Tay
JR	2010.11.08	1927	1931	1161	Islamic Republic of Iran Broadcasting	Qasr-e-Shirin	Iran		Chimes // others, QRM from Radio Tay
JB	2010.11.10	2030	2031	1170	Islamic Republic of Iran Broadcasting	Abadan & Damghan	Iran	33333	mx (anthem?), 3 chimes, ID by W, militaristic song; QRM Russia and many others
JB	2010.11.08	0259	0301	1170	Rádio Cidade ZYL336	Araxá MG	Brazil	23332	0258:45 fade up M w/ net ID? (v poor) but then unequivocal "Radio Itatiaia" jingle, ads; two Itatiaia stns on 1170 but the other, R. Sociedade, has been on 1169.95 for years. This one is very close to nominal.
JB	2010.11.10	2159	2201	1170	Radio Capodistria	Beli Kriz	Slovenia	23433	pop song, W w/ ID and some hype just before TOH, ascending tone to pips and nx, but mixing w/ Spain and others by TOH
JB	2010.11.12	2357	2358	1170	Rádio Bandeirantes ZYK569	Campinas SP	Brazil	23323	tk fades up, 2357:30 ID w/ call, bit of flute mx, W tk and fade
JB	2010.11.13	0758	0759	1170	Rádio Bandeirantes ZYK569	Campinas SP	Brazil	23422	blob of weak signals, this fades up w/ tk, ad, 0759 sound effects/souder, ID, upbeat tk, fade
JB	2010.11.13	0913	0915	1170	Caracol Colombia HJNW	Cartagena	Colombia	33333	fade up, sound effect, TC and ID, tk about remember Armero and Guayabal, twin towns of 23,000 people, buried in mudflows and debris from the Nevado del Ruiz volcano on Nov. 13, 1985, // 1100 kHz [pgm info from Henrik Klemetz, RealDX]
JR	2010.11.08	2056	2102	1170	Gold Amber	Foxhall Heath	UK/England		"Gold" e-address in between pop songs
JB	2010.11.08	0958	1001	1170	Radio Korea International HLSR	Gimje	Korea, South	33333	choral anthem, but fades up 0959 M tk including "Hanminjok" a few times, 1000 pips, theme mx, W in Japanese(?) then M and W alternate; QRM WWVA and SS stn
JF	2010.11.08	0958	1000	1170	KBC External	Kimje	Korea, South		Good Instr mx, anthem at 0958, ID and time pips at 1000. KBS fanfare and ID
JB	2010.11.08	1018	1021	1170	Radio Trinchera Antimperialista CMKS	Maisí GU	Cuba	23322	heroic mx, W and M tk, big ID, TC, first bars of "Guantanamera", M tk, // 1070
JB	2010.11.13	0000	0002	1170	Rádio Difusora ZYJ598	Mossoró RN	Brazil	23322	0000:30 fade up w/ two "Rádio Difusora" mentions, wolf-whistling sound effects, 0001 "Rádio Difusora de Mossoró, ZYJ598" w/ freq, slow fade

JR	2010.11.08	2257	2302	1170 Magic	Stockton	UK	Golos Rossii off at 2300, "Magic" slogan with music (DJ "Norman" fits program schedule), another Brit with news
JF	2010.11.08	0001	0002	1170 Magic 1170	Stockton	UK / England	Pr British soccer scores, Jingle ID "This is Magic Love with ----", mixing with Radio Sawa
JR	2010.11.08	1957	2002	1170 Magic 1170	Stockton	UK / England	"Magic 1170 with Sky News"
JB	2010.11.11	1959	2001	1170 Magic 1170	Stockton	UK / England	33322 ads, Russia comes up but clear ID during Russian pips, nx
JR	2010.11.08	1927	1931	1170 Islamic Republic of Iran Broadcasting	synchros	Iran	Chimes // others
JR	2010.11.08	2029	2032	1170 Islamic Republic of Iran Broadcasting	synchros	Iran	3 chimes at bottom of hour
JB	2010.11.11	1959	2001	1170 Voice of Russia	Tbilisskoye	Russia	33333 promo, big canned ID/jingle, pips, nx
JR	2010.11.08	1927	1931	1170 China Radio International	Tbilliskaya	Russia	tones at BOH s/on, ID, program in Chinese
JB	2010.11.09	1000	1001	1170 RCN Tulúa HJJE	Tulúa	Colombia	23322 emerges briefly w/ pips at 1000:25, "RCN Noticias", TC and news by woman
JB	2010.11.08	2059	2100	1179 SER Radio Rioja	Logroño RI	Spain	32332 local break, ID, promo for SER net pgm, back to net at TOH; QRM from Romania
JR	2010.11.09	0014	0022	1179 AIR	Rewa	India	IS briefly noted at 0023:23, hardly audible under Spain/Romania; wow, 20 kw!
JB	2010.11.08	0023	0023	1179 All India Radio	Rewa	India	22321 0023:25 bit of IS; heavy QRM from Romania and Spain
JR	2010.11.08	1957	2002	1179 Radio Romania Actualitati	synchros	Romania	sports play-by-play // 1152 and others
JR	2010.11.08	2029	2032	1179 SER Radio Valencia	Valencia VA	Spain	tentative, with Valencia sports play-by-play, mixing with Romania Actualitati
JB	2010.11.13	1859	1901	1179 SER Radio Valencia	Valencia VA	Spain	32432 "Carrusel Deportivo" pauses at 1859:30 for local break, ID, ad and promo, ID again, rejoins "Carrusel Deportivo" at 1900:30; QRM another SER stn and Romania
JB	2010.11.13	0459	0501	1180 Rádio Mundial ZYJ463	Rio de Janeiro RJ	Brazil	23333 ballad, 0500 ID w/ call, nx by W
JB	2010.11.12	2200	2200	1180 Rádio Capital ZYH889	São Luís MA	Brazil	23312 briefly up w/ hype about journalism in Maranhão, ID and call but already fading away
JB	2010.11.13	0102	0103	1180 Rádio Capital ZYH889	São Luís MA	Brazil	23332 fade up, ID w/ call, hype; QRM Rebelde and another Brazilian
JR	2010.11.09	0014	0022	1188 AIR	Mumbai	India	IS noted at 0024:01, very poor; Vende Mataram at 0025:05
JB	2010.11.08	0023	0025	1188 All India Radio	Mumbai	India	22332 1000-Hz tone, 0023 IS, but wiped out by Iran fading back up at 0024:30; QRM mainly Iran but also Germany
JR	2010.11.08	1957	2002	1188 Deutsche Welle	Sankt-Petersburg	Russia	ID at top of the hour, mixing with Iran Radio Payam
JB	2010.11.09	0300	0301	1188 Deutsche Welle	Sankt-Petersburg	Russia	23332 Russian tk, "Deutsche Welle" ID, nx: QRM MDR-Info
JB	2010.11.07	0400	0401	1188 Radio France International	Sankt-Petersburg	Russia	24322 pips, sounder, W in French "RFI" ID and TC, nx
JB	2010.11.07	2059	2101	1188 IRIB Radio Payam	Tehran	Iran	54554 promo for mx with little bits of popular Iranian mx, 2100 "Radio Payam" and fanfare; QRM Germany
JR	2010.11.08	1927	1931	1188 Radio Payam	Tehran	Iran	chimes // other channels, QRM from DW-Russia
JB	2010.11.09	0958	1002	1190 Radio Cordillera HJCV	Bogotá	Colombia	22331 talk fading up a bit, schmaltzy pan-pipe tune, 0959:15 woman talks like a child, 1000:15 caught man w/ bit of ID "desde Bogotá...Radio Cordillera..." and more talk; under WLIB
JB	2010.11.08	0159	0200	1190 Radio América LR9	Buenos Aires	Argentina	23333 sports talk, 0200 "Radio América informa", wx and nx
JR	2010.11.08	2257	2302	1195 UNID			repeating 8 note descending IS, six pips, language indistinct

JR	2010.11.08	1957	2002	1197	Euskadi Irratia	Bilbao EU	Spain	// 1386 with female announcer and music, mixing with Absolute Radio
JB	2010.11.08	1859	1901	1197	Radio Târgu Mures	Brasov Bod	Romania	32432 under Absolute R., local accordion mx, IS, begin German pgm w/ "Radio Neumarkt" ID, // 1323, 1593
JR	2010.11.08	1857	1901	1197	UNID			Distinct, but unrecognized IS, possibly similar to start of National Anthem of Belarus
JB	2010.11.10	2159	2202	1200	Ceará Rádio Clube ZYH585	Fortaleza CE	Brazil	44444 hype, ad/PSA w/ people screaming, hype, 2200 short "Super Rádio Clube" song, ID w/ location and freq, 2201 "A Voz do Brasil" starts
JB	2010.11.13	0927	0933	1200	WXKS	Newton MA	USA	33433 "Coast to Coast", 0930 time out w/ promo for "Rush Radio 1200, WXKS", Glenn Beck promo, ad
JB	2010.11.11	0957	1000	1206	Yanbian People's Broadcasting Station	Yanji	China	23322 W in Korean, men "Yanbion" a number of times around 0958, 0959:20 diff W tk, mx at TOH (?) but faded out; QRM splatter from VOAR
JB	2010.11.07	2230	2230	1206	Islamic Republic of Iran Broadcasting	Azna	Iran	21321 bit of tk by W, // 1503 and pretty close to synchronous; far under France
JR	2010.11.09	2056	2101	1206	R. Yanbian?	Yanji	China	flute music (IS?), then anthem at 2100, Yanbian signs on at 2100. Poor under France
JB	2010.11.13	0701	0703	1210	Rádio Povo ZYH452	Feira de Santana BA	Brazil	23333 pgm promo, seems rel, w/ ID, Bom Dia to many people, tel number, 0702:30 cock crow; QRM VOAR
JB	2010.11.10	2259	2301	1215	Voice of Russia	Bolshakovo	Russia / Kalining	42442 IS, s/on in English, nx; under Absolute R.
JF	2010.11.08	0927	0932	1215	Absolute Radio	synchros	UK / England	Fair Rock music with British DJ. Surprised to hear this in so late.
JB	2010.11.10	0559	0601	1215	Absolute Radio	synchros	UK / England	45555 Best-Buy ad, 0600 "Christian O'Connel Breakfast Show" saying next 4 hours will be about football legends, nx
JR	2010.11.08	1927	1931	1215	UNID			Short burst of code "21"
JB	2010.11.13	0159	0202	1220	Rádio Globo ZYJ458	Rio de Janeiro RJ	Brazil	45454 silly talk, says what's coming up, sound effects, call letters, "Globo Noticias", nx by W
JB	2010.11.13	0923	0930	1220	Radio Maria HJKR	Bogotá	Colombia	23322 audio fades up from time to time, long tks, men "Radio Maria" at 0923 ... 0927 up again w/ ID, more long tks; QRM US stn
JR	2010.11.08	1857	1901	1224	Islamic Republic of Iran Broadcasting	Abadan	Iran	parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512.
JR	2010.11.08	1927	1931	1224	Islamic Republic of Iran Broadcasting	Abadan	Iran	chimes // other channels; QRM from COPE
JB	2010.11.08	2030	2031	1224	Voice of the Islamic Republic of Iran	Kish	Iran	33322 flute tones sounds like IS, 3-tone chimes, ID in Arabic, fanfare, Arabic tk, // 1080 [1080, 1224 and 1503 recordings all exactly synchronized]
JB	2010.11.09	0024	0025	1224	COPE Lleida	Lleida CA	Spain	32322 net promo for Cadena COPE, 0024:15 begin local break, just as COPE Lugo finished ID'ing, M ID'ed in Catalan; mainly under COPE Lugo
JB	2010.11.09	0024	0025	1224	COPE Lugo	Lugo GA	Spain	33333 net promo for Cadena COPE, 0024:15 begin local break W w/ ID for COPE Lugo w/ 2 freqs, 91.4 FM and 1224 OM; mix w/ COPE Lleida
JB	2010.11.08	2030	2031	1224	Islamic Republic of Iran Broadcasting	unknown location	Iran	22322 under VOIRI, makes 3-tone chimes a little longer, fades but men's militaristic song noted at 2030:30 [1080, 1224 and 1503 recordings all exactly synchronized]

JB	2010.11.13	0920	0930	1230	Única Radio WNIK	Arecibo	Puerto Rico	33323	LA mx behind CFGN, but at 0923 CFGN fades down and this up w/ "Solo para ti, en Única Radio, la máquina tropical del recuerdo, 12-30 AM", lively Xmas mx [ID by Sylvain Naud and Henrik Klemetz, RealDX]
JB	2010.11.12	2334	2334	1230	Rádio Daqui ZYH756	Goiânia GO	Brazil	23312	up for only a few sec with "Mil duzentos e trinta, Rádio Daqui!", tk
JB	2010.11.10	0559	0601	1230	CFFB	Iqaluit NU	Canada	24343	Moe Koffmann "As It Happens" theme, 0559:30 "Canada Reads" promo, sounder, "CBC News"; not // 540, 640 or 1140, but // 1340 and 1550; over Cuba
JB	2010.11.13	1000	1015	1230	CFGN	Port aux Basques NL	Canada	34343	"Old Time Country Gold ... on CFSX / CFGN Radio" mx pgm, more country mx
JB	2010.11.13	0702	0703	1230	Rádio Guararema ZYJ816	São José SC	Brazil	23322	fade up w/ ID w/ call, sound effects, jingle, ID again; mix of weak stns
JB	2010.11.10	0259	0300	1230	Radio Rebelde	unknown location	Cuba	12321	bits of talk, distinctive cuckoo on the hour, // 670; under CFGN
JR	2010.11.08	1927	1931	1233	Islamic Republic of Iran Broadcasting	Abadeh	Iran		chimes // other channels
JB	2010.11.12	2346	2347	1240	Rádio Clube ZYK653	Santos SP	Brazil	23322	fades up, 2346:30 deep-voiced M w/ ID, an address, not sure which signal is which afterwards
JB	2010.11.13	0700	0702	1240.1	Rádio Pirapora ZYL317	Pirapora MG	Brazil	13322	0700:20 some audio, 0702 ID: "Você está ouvindo a Rádio Pirapora, ZYL 317, canal 1240, AM" then men. "Itatiaia"; QRM splatter from 1240 and het (notched) from 1242 [ID by Samuel Cássio Martins, Brazil, with comments from Chuck Hutton, Jan Alvestad and Valter Comuzzi, RealDX]
JR	2010.11.08	1857	1901	1242	Islamic Republic of Iran Broadcasting	Zanjan?	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512.
JR	2010.11.08	1927	1931	1242	Islamic Republic of Iran Broadcasting	Zanjan?	Iran		chimes // other channels, strong QRM from France
JB	2010.11.10	2358	0001	1250	CJYE	Oakville ON	Canada	23332	promos for pgms on "Joy 12-50, Christian radio for Southern Ontario", Christian-pop song, jingle at TOH, then rel tk
JB	2010.11.14	0158	0201	1250	La 12-50 YVPZ	Puerto Ordaz	Venezuela	23322	Venez dance mx fading up, 0159 "mil doscientos cinquenta AM, fin de semana" and another song and fade out
JB	2010.11.11	0859	0901	1250	Radio Capital HJCA	Santa Fé de Bogotá	Colombia	23322	pgm ending hosted by W, 0900 M w/ "Radio Capital" ID, fade; QRM many weak stns
JF	2010.11.08	1027	1030	1250	CHSB	Steinbach, MB	Canada		Good Classical music, ads at 1029 for Window sales store in Manitoba. More classical music
JB	2010.11.11	0100	0100	1250	Rádio Globo ZYI218	Vitória ES	Brazil	23322	football commentary, but not // games on 910 or 1220, "Rádio Globo" noted twice
JB	2010.11.12	2200	2201	1251	Radio 5	Hulsberg	Netherlands	23322	brief fade up W w/ ID twice, M w/ nx; QRM AA, R. Renascença
JR	2010.11.08	1927	1931	1251	Islamic Republic of Iran Broadcasting	Kiashahr	Iran		chimes // other channels
JB	2010.11.09	2029	2031	1251	Islamic Republic of Iran Broadcasting	Kiashahr	Iran	33343	choir, 2030 3 chimes, W w/ ID, men's military song; QRM Libya
JR	2010.11.09	1956	2001	1251	Radio Sim	synchros	Portugal		Musical flourishes match 891 and 1251, this one is very weak
JR	2010.11.08	2129	2133	1251	Voice of Africa	Tripoli	Libya		"Voice of Africa" mentioned as part of a web address
JF	2010.11.08	0129	0132	1260	WMKI	Boston, MA	USA		Poor Radio Disney pgm //1560
JB	2010.11.12	2000	2000	1260	Sabras Radio	Freeman's Common / Leicester UK / England		23322	"SabrasRadio.com" anmt, "Sabras Radio" ID, nx; QRM Spain and CKHJ

JB	2010.11.09	1859	1901	1260	Sabras Radio			Freemen's Common / Leicester UK / England	23322	ads, ID, Sky nx; QRM Spain and poss another Brit
JB	2010.11.08	1859	1901	1260	BBC			Kurkino & Sankt-Petersburg, Russia	24433	Russian nx rpt, 1859:40 ID, Handel fanfare, pips, nx; weak QRM from a Brit and Spain
JB	2010.11.11	2324	2325	1260	Rádio Vale do Jaguaribe ZYH596	Limoeiro do Norte CE	Brazil		23332	energetic tk, QRM fades down in time for ID, jingle, more tk; QRM CKHJ and another Brazilian
JB	2010.11.12	2300	2302	1260	Rádio Vale do Jaguaribe ZYH596	Limoeiro do Norte CE	Brazil		32332	"A Voz do Brasil" ends, jingle, ID w/ call; QRM CKHJ
JR	2010.11.08	2358	0005	1260	WSUA	Miami FL	USA			English ID "WSQA 1260 AM Miami", then back to Spanish
JB	2010.11.08	2359	0001	1260	WSUA	Miami FL	USA		33433	SS: fading up w/ ad, promo w/ slogan "Radio Caracol", 0000 legal ID in EE then SS w/ slogan, TC, nx
JB	2010.11.09	0900	0902	1260	Radio Wiso WISO			Ponce, Agaudilla, Mayagüe Puerto Rico	32332	network IDs, sound effect, woman w/ nx; under CKJH
JB	2010.11.12	0938	0940	1260	UNID SS				33433	news read by 2 women, 0938:30 "W tres AM... Radio Minerva"? Tk about Hugo Chavez; QRM CKHJ
JB	2010.11.13	1859	1901	1269	SER Radio Murcia	Murcia MU		Spain	33433	"Carrusel Deportivo" pauses at 1859:30 for local break, ID, local nx, ID again, rejoins "Carrusel Deportivo" at 1900:30; QRM
JB	2010.11.12	2329	2330	1270	Rádio Garibaldi ZYJ768	Laguna SC		Brazil	23322	brief fade up "Rádio Garibaldi" by M, into lively mx, fade; QRM many weak stns
JB	2010.11.12	2343	2344	1270	Rádio Clube ZYJ593	Natal RN		Brazil	23332	happy mx, "Clube...Rádio Brasileiro Liberal, Boa Show, Clube", Braz pop song; QRM Argentina, CJCJ and others
JB	2010.11.13	0916	0917	1270	Radio Festival CB127	Viña del Mar		Chile	32322	fade up briefly w/ ID and something about "programación en color", poss mx; QRM CJCJ
JB	2010.11.13	0459	0502	1270	Radio Provincia de Buenos Aires LS11	La Plata		Argentina	23323	fades up w/ tk, ID, fade away but back at 0501 w/ local events, lottery ad, ID, bits of baroque mx, mx pgm hosted by W
JR	2010.11.09	2056	2101	1278	Pulse 2	Bradford		UK		ID at top of hour "... on West ...'s Pulse 2"
JB	2010.11.10	2100	2102	1278	Belaruskaye Radio 1	Brest		Belarus	33333	operatic singing, W w/ ID, nx, // 279; QRM France
JB	2010.11.08	0952	0953	1278	RKB, Mainichi Hoso JOFR	Fukuoka		Japan	23322	animated Japanese tk by W and M, fade
JB	2010.11.11	0958	1001	1278	RKB, Mainichi Hoso JOFR	Fukuoka		Japan	23322	EE pop mx, 1000 W then M few words, one long pip, fanfare (?), M tk w/ possibly "R K B", fade; splatter from 1280
JB	2010.11.07	2300	2301	1278	Pulse 2	Tyersal Lane / Bradford		UK / England	23322	fade up w/ ad mentioning "Bradford" just before TOH, "Pulse", nx; fades
JB	2010.11.13	0913	0915	1280	NotiUno WCMN	Arecibo		Puerto Rico	33333	ad, promo "NotiUno seis treinta", headlines
JF	2010.11.08	0942	0945	1280	VSB2	Hamilton		Bermuda		Good Religious music, gave address for BBN Radio but fading down by 0945
JB	2010.11.09	0100	0101	1280	WADO	New York NY		USA	23343	Spanish: promo, legal ID, nx
JF	2010.11.08	0129	0132	1280	Super Radio Tupi	Rio de Janeiro RJ		Brazil	Very Good	very clear ID and ads
JR	2010.11.08	2029	2032	1285	"SW"	Savelovo		Russia		NDB, 22 seconds between code groups
JR	2010.11.08	2156	2202	1287	SER Radio Burgos	Burgos		Spain		Local ID slipped in before the news.
JB	2010.11.08	2059	2100	1287	SER Radio Lleida	Lleida CA		Spain	32332	local break: ID, promo for SER net pgm, back to net at TOH; QRM other SER stn (unidentified)
JB	2010.11.11	2059	2100	1287	SER Radio Lugo	Lugo GA		Spain	33333	local break: net pgm breaks into a mess of promos, ads, 5 sec before TOH W says "Radio Lugo, Cadena SER" in the clear, pips, net pgm
JR	2010.11.09	0014	0022	1287	AIR	Panaji		India / Goa		IS noted 0023:18; interference from Spain and Russian NDB "SW" on 1285

JB	2010.11.07	0024	0027	1287	All India Radio	Panaji	India	14322	IS, 0025 "Vande Mataram"
JB	2010.11.09	2230	2232	1287	CNR2	Quanzhou	China	23332	heroic CNR2 theme mx (same music as Chuck Hutton's recording of CNR2 - 630 kHz), 2230:30 very poor "Zhongyang Renmin Guangbo Diantai" in a fade, tk by M and W about improvements to traffic flow in Guangzhou (via Google: site of the 2010 Asian Games, 12-27 Nov, 2010); QRM "SW" NDB from Russia (1285 kHz) and from Japan [ID by Jeff Ting (Taiwan) via Chuck Hutton, and some pgm detail from Yuxin Qi]
JB	2010.11.08	0929	0933	1287	HBC, Hokkaido Hosō JOHR	Sapporo	Japan	23323	fading up, Japanese tk, poss ads, perhaps ID but men Sendai, 0930 brief mx, men Hokkaido, more likely ads, slowly fading down again
JB	2010.11.08	0949	0953	1287	HBC, Hokkaido Hosō JOHR	Sapporo	Japan	23333	fade up at 0949:30, M tk then chat w/ W, 0952 song by W
JF	2010.11.08	0928	0933	1287	JOHR	Sapporo	Japan		Fair Rock music, what sounded like ads at 0930. Still there at 1000 with time pips but weaker
JR	2010.11.08	2129	2133	1290	"TU"	Bely	Russia		NDB
JB	2010.11.13	0830	0832	1290	Rádio Brasil Sul ZYJ310	Londrina PR	Brazil	23322	fades up, 0830 promo w/ "Rádio Brasil Sul", supermarket ad, another promo; QRM many weak stns including likely Timbira
JR	2010.11.08	2156	2202	1290	WRNI	Providence RI	USA		NPR News, mixing with Russian NDB and UNID Brazilian
JB	2010.11.09	0831	0833	1290	Radio Timbira ZYH888	São Luís MA	Brazil	33333	fade up w/ ID, woman anmt, 0832 two IDs, woman tk again, ID again
JB	2010.11.13	0800	0804	1290	Rádio Timbira ZYH888	São Luís MA	Brazil	34433	"Bom Dia" song men Timbira, many ID's including at 0801:30 w/ call, stn hype/amts over mx, 0803:15 stn phone numbers
JB	2010.11.06	2359	0001	1290	WJNO	West Palm Beach FL	USA	23332	ads, 0000 ID, Fox News Radio nx
JB	2010.11.10	0259	0301	1290	CFRW	Winnipeg MB	Canada	33333	sports pgm ending, "Sports radio 12-90, CFRW..." ID, "ESPN Sports Center" W w/ sports results
JR	2010.11.08	2029	2032	1296	VOA	Kabul	Afghanistan		Suddenly on with VOA News in Special English, QRM from COPE
JB	2010.11.10	2359	0001	1296	VOA Radio Ashna	Kabul	Afghanistan	34444	special English pgm "Making of a Nation" ends, brass band mx, bad change at TOH w/ bit of EE overridden by "Radio Ashna" ID and nx in Pashto; QRM Radio XL
JB	2010.11.12	0157	0201	1296	Radio XL	Langley Mill / Birmingham	UK / England	24332	Indian pop mx, drum beats, ad, ID, nx; QRM from Spain
JB	2010.11.07	2030	2031	1296	Islamic Republic of Iran Broadcasting	Qazvin	Iran	22321	choral/heroic mx, chimes, W gives ID, militaristic song, // 837, 900, but 2.96 sec behind 900; QRM VOA Afghanistan and Spain [Two IRIB stns listed, but Asiawaves lists the sked of the other as only 0430-1230]
JB	2010.11.10	2031	2032	1296	Islamic Republic of Iran Broadcasting	Qazvin	Iran	22322	militaristic song fades up, // 873 and many others, but 0.53 sec behind 873: QRM Spain and VOA Afghanistan
JR	2010.11.08	2029	2032	1296	Islamic Republic of Iran Broadcasting	synchros	Iran		Single chime (of the three normally heard) as VOA cuts in
JB	2010.11.13	0930	0932	1300	KGLO	Mason City IA	USA	23333	"Coast to Coast" has break, local "KGLO Weather-eye forecast", Vikings-Bears trip ad

JB	2010.11.13	0801	0802	1300	Rádio Onda Viva ZYK649	Presidente Prudente SP	Brazil	23322	fade up, M tk muffled ID, 0801 pips, begin "Rede Rádio Aparecida" w/ pgm "Oração da Manhã" w/ W tk; QRM mainly splatter from Iracema [stn website confirms this pgm; pgm sked of only other Catholic stn on the freq -- R. Educadora, Dois Vizinhos - non-Aparecida programming]
JB	2010.11.13	0829	0831	1300	Rádio Onda Viva ZYK649	Presidente Prudente SP	Brazil	23333	Braz mx, ID, TC, promo for women's volleyball on TeleGlobo, cock crow, TC, mx again
JR	2010.11.09	2157	2203	1300	WJDA	Quincy MA	USA		ID in English before Spanish program
JB	2010.11.10	2200	2202	1300.1	Rádio Iracema ZYH586	Fortaleza CE	Brazil	34333	nx ending, mellow instr mx, 2200 M w/ brief ancmt, muffled ID w/ call, intro "A Voz da Libertação", lively Mexican-style mx
JB	2010.11.11	0625	0627	1305	RNE Radio 5	Ciudad Real CM	Spain	32332	regional break: sounder, 0625:25 "Radio Nacional de España, Castilla La Mancha", W w/ local anmt
JB	2010.11.11	0625	0627	1305	RNE Radio 5	Orense GA	Spain	22332	regional break: sounder, 0625:25 "Radio Nacional de España, Galicia", sounder just goes on and on; under RNE5 Ciudad Real and others
JB	2010.11.08	0018	0020	1305	All India Radio	Parbhani	India	13331	ca. 1000-Hz tone, 0018:45 IS, seems to fade away; QRM Spain
JB	2010.11.09	0259	0301	1305	Radio Mayak	Serov	Russia	13331	IS, pips, glimpses of nx, // 1134; QRM Spain
JB	2010.11.06	2000	2001	1305.1	Islamic Republic of Iran Broadcasting	Bushehr	Iran	23322	fade up, Farsi tk, some ID "Radio Shu-shu-ri"?? (not "Bushehr" or "Iran"), tk through TOH but faded almost immediately under Spain
JB	2010.11.10	2030	2031	1305.1	Islamic Republic of Iran Broadcasting	Bushehr	Iran	23332	mx (anthem?), 3 chimes, ID by W, militaristic song; QRM Spain
JR	2010.11.08	1927	1931	1305.1	Islamic Republic of Iran Broadcasting	Bushehr	Iran		music // 765 Iran, but no chimes on this one! RNE 5 on top.
JB	2010.11.10	2200	2202	1310	Rádio Cidade Esperança ZYI691	Esperança PB	Brazil	33323	fading up w/ chat, 2200 pgm ends, hype/ID, 2200:20 ID w/ call, 2201 fade out
JB	2010.11.13	2120	2120	1310	Rádio Montanheza ZYL359	Vazante MG	Brazil	23322	up for about 30 sec w/ tk by M about one of their programs, including ID; QRM another Brazilian and CIWW
JR	2010.11.09	0014	0022	1314	AIR	Bhuj	India		IS noted at 0024, very weak; bits of Vande Mataram after 0025
JB	2010.11.10	0024	0026	1314	All India Radio	Bhuj, Gujarat	India	23332	not sure if IS actually started at 0023, but obvious at 0024 and getting stronger, 0025 "Vande Mataram"; QRM mainly Spain
JR	2010.11.08	1957	2002	1314	Voice of Russia	Gavar	Armenia		Kremlin bells, not sure of language, poor under RNE5
JB	2010.11.10	0259	0301	1314	Voice of Russia	Gavar	Armenia	23333	fade up over Iran and Spain, canned ID, jingle, pips, ID, nx
JR	2010.11.08	1957	2002	1314	RAI Uno	Matera	Italy		Fax sound effect then pips // 900 and others
JB	2010.11.11	0625	0627	1314	RNE Radio 5	Salamanca CL	Spain	34343	regional break: sounder, 0625:25 "Crónica de Castilla y León, Radio Nacional de España, ...", TC, regional nx
JB	2010.11.07	2329	2330	1314	Elliniki Radiophonia	Tripolis	Greece	22321	bits of Greek mx under Spain, // 729
JR	2010.11.09	1856	1902	1314	UNID				Sounds like traditional Chinese music, very poor, nothing Idable
JR	2010.11.08	2129	2133	1315.1	UNID				Strong line in Perseus waterfall, music barely audible
JB	2010.11.09	0929	0901	1319.9	Radio Perú - OAU7W (tent)	Juliaca	Peru	23332	0929:20 huaynos fade up, W says "Enlace 24"(?), then a M tk but does not seem to ID; tent. ID based on the freq and reports in the Arctic R.C. bulletin
JR	2010.11.08	2358	0005	1320	WARL	Attleboro MA	USA		ID before news. Another station here with CBC News - who dat?
JR	2010.11.09	0328	0333	1320	CHMB	BC Vancouver	Canada		"This is CHMB, AM 1320, Vancouver", not sure what the format is, at 0330:17

JB	2010.11.08	1029	1031	1320 WDER	Derry NH	USA	34444 fades up over Chinese stn (likely CHMB), "Life-changing radio, WDER", ad for "Your Baby Can Read program", 1030 ID again, begin rel pgm "Through the Bible"
JB	2010.11.06	2359	0031	1320 WLQY	Hollywood FL	USA	22321 2359:30 M in EE, poss ID men "International Radio", fanfare, Haitian FF event promo/ad, tk seems to be rel tk w/ tel calls, best around 0029
JB	2010.11.07	0200	0201	1320 WLQY	Hollywood FL	USA	23322 Haitian French, English legal ID w/ fanfares, more Haitian French, fading away
JB	2010.11.10	2201	2202	1320 Rádio Regional ZYH597	Sobral CE	Brazil	33323 fade up suddenly w/ tk, ancmt re Sobral w/ some list involving letters of the alphabet, fading out by 2202
JB	2010.11.13	0915	0920	1320 Radio Apolo YVWP	Turmero	Venezuela	23333 Venez mx, ID and TC, more mx; QRM from Puerto Rico and CJMR
JB	2010.11.08	2100	2102	1323 China Radio International	Huadian	China	32322 IS, fanfare CC ID, IS, Korean? tk; under Voice of Russia in FF
JB	2010.11.06	2001	2002	1323 Islamic Republic of Iran Broadcasting	Jolfa	Iran	22342 Farsi tk, // 846, 1026, 1323 but not 1305 or 1503 (Mianeh, Tabriz, Jolfa are all in East Azerbaijan province); QRM VoR in French
JB	2010.11.09	0230	0230	1323 Islamic Republic of Iran Broadcasting	Jolfa	Iran	23422 three chimes, ID, deep-voiced M tk; QRM weak Brit stns
JB	2010.11.08	1900	1900	1323 Radio Târgu Mures	Târgu Mures	Romania	23321 IS under Russian, // 1197 and 1593
JR	2010.11.08	1927	1931	1323 UNID			Short burst of code "21"
JR	2010.11.08	2129	2133	1325 UNID			Sounds like a Brit, man and woman talking about relationships; image?
JR	2010.11.08	2156	2202	1330 Radio Liberal	Belem	Brazil	mentions "Super Radio", "Uberlandia", "La Musica 26", "Radio Seis", and "Belem". Station website presents this station as 900 kHz, not 1330.
JB	2010.11.13	0058	0059	1330 Rádio Eldorado ZYJ621	Natal RN	Brazil	23322 briefly fade through other Brazilians w/ tk, ID
JB	2010.11.11	0800	0802	1330 WWRV	New York NY	USA	24333 mx, SS: 0800:30 temp for Quito and for Central Park, New York, 0801 jingle, TC for Quito, EE legal ID included IDs for WWRV, WRVT (Mt Cisco) and WWCL (Ft. Myers FL)
JB	2010.11.11	0359	0401	1330 Rádio Terra ZYK736	São Paulo SP	Brazil	23333 mx, 0359:30 promo/jingles, ID, jingle, poss another Brazilian come up
JB	2010.11.12	2300	2302	1330 Rádio Continental ZYH468	Serrinha BA	Brazil	23332 "A Voz do Brasil" ends, TC "20 horas na Bahia", fade for a moment, fade back 2301 w/ jingle and ID w/ call, lively mx, 2302 mx pgm begins; in a blob of weak signals
JR	2010.11.08	2056	2102	1332 Cesky Rozhlas	Domamil	Czech Republic	Same signature flourish as 954, ID as "Cesky Rozhlas"
JB	2010.11.10	2000	2001	1332 Cesky Rozhlas	Domamil	Czech Republic	32432 fane before TOH, pips, ID, nx, // 954; QRM many sources
JB	2010.11.09	1840	1841	1332 BBC Radio Wiltshire	Lacock	UK / England	23333 fade up, W w/ "BBC Wiltshire", local nx item, local traffic report, fade out
JR	2010.11.08	2156	2202	1332 Golos Rossii		Russia	"Golos Rossii" signature flourish heard in the mess, nothing listed
JB	2010.11.13	0459	0502	1340 Rádio CBN ZYJ368	Cascável PR	Brazil	23332 fades above an unresolved mass w/ nx, fade up again at 0501: nx, TC, 0501:30 fanfare, ID, "CBN Madrugada" hype, more nx
JB	2010.11.13	0951	0952	1340 WMSA	Massena NY	USA	23322 fade up briefly w/ promo including "on 13-40, WMSA", jingle, Beach Boys "California Girls", Beatles "Paperback Writer"
JB	2010.11.13	0937	0939	1340 WIRY	Plattsburgh NY	USA	23323 PSA for American Red Cross Plattsburgh office, "This public service message has been brought to you by Home Town radio, WIRY, Plattsburgh, because we care about you!", mellow song

JB	2010.11.12	2200	2201	1340	Rádio Clube de São Luís ZYH886	São Luís MA	Brazil	23333	"A Voz do Brasil" to 2200, call and ID as "Clube de São Luís" then the same canned sequence again
JR	2010.11.09	0328	0333	1341	Magyar Katolikus Radio	synchros	Hungary		anthem, then ID heard poor under BBC
JR	2010.11.08	1857	1901	1341	UNID				Bells IS, signature song sounds like a church hymn, Magyar? If so odd with an Eric Clapton tune before the top of the hour
JB	2010.11.13	0502	0503	1350	Radio Buenos Aires LS6	Buenos Aires	Argentina	33323	fade up w/ ad string, nice ID; over Brazilians
JR	2010.11.08	1957	2002	1350	Transworld Radio	Gavar	Armenia		Strong with TWR interval signal before and after the top of the hour, mixing with CKAD
JB	2010.11.12	2200	2202	1350	Rádio Cultura ZYL214	Poços de Caldas MG	Brazil	23332	fading up w/ weak ID by M, jingle?, W w/ clear IDs, 2201 M w/ ID, W tk seems to be nx; AA mx fading up
JB	2010.11.13	0913	0914	1350	WEGA	Vega Baja	Puerto Rico	23322	fade up rel pop mx, M w/ rel slogans, then "la frecuencia del amor" slogan, mx [ID by Mauricio Molano Sánchez and Henrik Klemetz, RealDX]
JB	2010.11.10	0023	0024	1350	WOYK	York PA	USA	23332	hype ad string, 0024 ID w/ slogan "Sports Radio 13-50", sports pgm; under CKAD
JB	2010.11.11	2000	2000	1359	Donetska Oblast Radio	Dokuchayevsk	Ukraine	34343	strong carrier, suddenly fanfare, pips, M in Ukrainian: "It is 22 hours in Donetsk. You are listening to oblast radio on 1359 kHz", then just the carrier again; QRM Iran [translation by Karel Honzik, RealDX]
JR	2010.11.08	1857	1901	1359	Islamic Republic of Iran Broadcasting	Lar	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512.
JR	2010.11.08	1927	1931	1359	Islamic Republic of Iran Broadcasting	Lar	Iran		music // 1305.1, but no chimes on this one!
JR	2010.11.09	0228	0232	1359	Mayak	Perm	Russia		Moscow Nights at 0230 and 0300, heavy buzz, IS // 1143, but not the talk that followed
JB	2010.11.09	0100	0101	1359	Radio Mayak	Perm	Russia	24331	0059:45 Mayak IS, pips, but cannot get much other audio (huge transmitter hum and distorted audio; must use AM)
JB	2010.11.07	2259	2301	1359	CNR 1	synchros	China	24332	many echoing signals, enthusiastic ads, pips, Beijing Time anmt, fanfare, ID
JF	2010.11.08	0000	0012	1359	CNR 1	synchros	China		Pr CH tk, 5+1 pips - surprised to hear this on so late
JR	2010.11.09	2056	2101	1359	CNR1	synchros (lots of them)	China		Very weak, but distinct sounds on 1377 are the same
JR	2010.11.09	1928	1933	1359	UNID				Blobby Moscow Nights IS, 2nd stn w/sharper Martial music, then "Guangbo dientai" (no words heard before or after that)
JR	2010.11.08	2156	2202	1360	R. Cultura Paulo Alfonso	Paulo Alfonso	Brazil		Two Brazilians, this one rose up with "Radio Cultura AM Paulo Alfonso ... la costa"
JB	2010.11.13	0459	0502	1360	Rádio Cultura ZYH469	Paulo Alfonso BA	Brazil	33333	fade up, ID at 0500, jingle, hype/tk w/ web address, more ID's, pgm "Cultura na madrugada", upbeat tk; over other Brazilian (Bandeirantes?)
JB	2010.11.11	0758	0800	1360	Rádio Bandeirantes ZYJ464	Rio de Janeiro RJ	Brazil	23323	mellow Braz mx, 0759 ID w/ call, ad?, fades
JF	2010.11.08	0003	0018	1368	Islamic Republic of Iran Broadcasting	Gorgan	Iran		Good Farsi talk //1503
JR	2010.11.09	0257	0302	1368	UNID				Asian music, some sort of late Indian IS?
JB	2010.11.12	2328	2329	1370	Rádio Jornal ZYH555	Monte Santo BA	Brazil	22332	fade up, hyper M tk about stn / promo with a couple of ID's; QRM many weak stns

JB	2010.11.13	1000	1000	1370	WXXI	Rochester NY	USA	23322	briefly evident below WDEA w/ "and Public Radio on your ____ , call Robin Stone at 585-258-0221" (number for NPR in Rochester), promo for "All Things Considered" .. "on NPR.org...", fade
JB	2010.11.13	0200	0201	1370	Rádio Iguatemi ZYK766	São Paulo SP	Brazil	22322	mess of Brazilians, M up w/ ID, W tk but fades in and out without another ID
JR	2010.11.08	1857	1901	1373.5	Radio Mojdeh	Gavar	Armenia		"Radio Mojdeh" spelled out when giving address, according to website this is a Christian broadcast to Iran on TWR
JR	2010.11.08	1957	2002	1375.6	Transworld Radio	Gavar	Armenia		TWR interval signal, then off at 2000, returns at 2001, jammer goes on and off exactly in synch
JB	2010.11.11	1958	2000	1375.6	Trans-World Radio	Gavar	Armenia	34443	M in Farsi, 1959 M gives contact info including tel number, mellow mx for 10 sec, IS once and transmitter off; wide-band pulsed jammer centred close to 1376, goes off at same time
JB	2010.11.09	1958	2001	1375.6	Trans-World Radio	Gavar	Armenia	43443	TWR in Farsi, contact info as "payam@yahoo.com", IS once just before TOH, tx off but on again w/ IS weak 10 sec later; QRM Iranian jammer and France
JB	2010.11.12	1958	2001	1375.6	Trans-World Radio	Gavar	Armenia	44444	Farsi: program ending w/ address in Vienna, yahoo email address, tel numbers, IS three times, tx off at 2000:30; jammed by presumably Iran, but easily readable in AM (not in SSB)
JB	2010.11.11	1959	2001	1377	Ukrainian Radio 1	Chernivtsi	Ukraine	32332	smooth jazz, pips, W few words, distinctive theme mx, ID (under France), W w/ nx, // 972; QRM France
JR	2010.11.08	1927	1931	1377	UR1	Chernivtsi	Ukraine		Distinctive music // 675, 972 and 1377
JB	2010.11.09	2300	2302	1377	Radio Free Africa (tent)	Mwanza	Tanzania	24332	2259:30 fading up, W host phone-in, she men "The Voice of Arama," tel tk, she yells "Radio Ice" at 2301, fades but Af mx at 2301:40; France is not on
JR	2010.11.08	1927	1931	1377	Islamic Republic of Iran Broadcasting	synchros	Iran		Parallel to music on 765, 1305, but no chimes on this one. France strong.
JR	2010.11.09	2026	2031	1377	China National Radio 1	Xingyan	China		Woman speaking Chinese, // to 1359 (which is poor under Iran)
JR	2010.11.09	2056	2101	1377	China National Radio 1	Xingyan	China		Chinese talk, distinct sound effects // much weaker 1359, 5+1 1 pips at 2100
JB	2010.11.09	2159	2201	1377	China National Radio 1	Xingyang	China	33443	Chinese tk, 2200 pips, Beijing TC, M tk emphatically, 2200:30 ID?
JR	2010.11.08	1857	1901	1377	JAMMER				UNID jammer, probably trying to block 1373.50 Christian program to Iran in Farsi
JB	2010.11.11	0700	0701	1380	Rádio Frequencia News ZYJ831	Garopaba SC	Brazil	14332	miserable Brazilian mx, W w/ TC ("cinco horas sem minutos", so UTC - 2) then "Rádio Frequencia" and possibly more mx
JB	2010.11.13	0901	0902	1380	Ondas del Mar YVNG	Puerto Cabello	Venezuela	23332	fades up w/ ID, TC, poss ads
JR	2010.11.09	2157	2203	1380	WNRI	Woonsocket RI	USA		WNRI weather report
JB	2010.11.10	0204	0205	1380	Rádio Continental / Nova da Paz ZYI773	Recife PE	Brazil	34333	fade up w/ "Nova da Paz" jingle, full ID saying both "Rádio Continental de Recife" and "Rádio Nova da Paz", mx
JB	2010.11.12	2158	2202	1380	Rádio Novas de Paz ZYI773	Recife PE	Brazil	23333	"A Voz do Brasil" to 2200, instr mx until 2201:30 then jingle ID, then ID but under QRM; USA stn fading up around 2201:15
JR	2010.11.08	1857	1901	1386	Euskadi Irratia	Bilbao EU	Spain		Man and woman with news items, // 1476
JB	2010.11.10	1800	1801	1386	Voice of the Islamic Rep. of Iran	Sitkúnai	Lithuania	24332	mx, 1800 three chimes, Russian ID "Govorit Tehran", male chorus anthem
JR	2010.11.09	2056	2101	1394.8	TWR	Fflake	Albania		TWR IS

JR	2010.11.08	1857	1901	1394.9	TWR / Golos Rossii	Grigoriopol	Moldova	brief segment of TWR IS before shifting to "Golos Rossii" at 1900. Sounded like the transmitter was turned on, or the pattern was suddenly shifted.
JB	2010.11.11	0159	0202	1400	Harbour Light of the Windwards	Carriacou	Grenada	32332 organ, end of "The Daily Life Broadcast", 0200 organ mx, 0201 "This is Harbour Light, your family friend", TC, hymn and new pgm; under CBG
JB	2010.11.14	0920	0929	1400	CBG	Gander NL	Canada	44444 C+W song, 0923 "O Canada", "Ode to Newfoundland", 0927 full Newfoundland network ID
JB	2010.11.12	2334	2334	1400	Rádio Globo ZYJ256	Londrina PR	Brazil	12311 just the ascending Globo sound effect, // 1220 but 0.55 sec behind 1220; QRM CBG and Harbour Light
JR	2010.11.08	2257	2302	1400	WOND	Pleasantville NJ	USA	WOND ID slips in during slight pause on CBG
JB	2010.11.10	0029	0031	1404	Islamic Republic of Iran Broadcasting	Dasht	Iran	13321 glimpses of same spacy mx as 936 but can't line up audios due to very weak signal
JR	2010.11.09	0400	0405	1404	ERA	Komotini	Greece	Very weak under France, brief portion of Flute IS matches 1494
JB	2010.11.06	1959	2000	1404	Radio Cluj	Sighetu	Romania	33323 fade up w/ Eastern European violin, 1959:45 (poor) ID as Radio Cluj, end w/ clear internet address "radiocluj punto ro", 1000-Hz tone for 8 sec and tx off, // 1593; splatter and QRM from France
JB	2010.11.11	0400	0402	1410	Rádio Bandeirantes ZYH803	Brasília DF	Brazil	23333 mellow pop mx, 0401:30 ID
JR	2010.11.09	2157	2203	1410	WMSX	Brockton MA	USA	Complete legal ID, then religious music
JB	2010.11.09	2200	2202	1410	WMSX	Brockton MA	USA	23332 gospel mx, legal ID, W ancr promising more mx, M w/ ad
JR	2010.11.09	0200	0205	1410	WPOP	CT Hartford	USA	Hartford announcements
JB	2010.11.13	2256	2257	1410	Rádio Garibaldi ZYK246	Garibaldi RS	Brazil	23333 mx ends, ancr mentions "programação Galibaldi", then overwhelmed by R. Santa Cruz RN
JB	2010.11.13	0700	0702	1410	Rádio Itaperuna ZYJ486	Itaperuna RJ	Brazil	23322 tk, 0700:30 ID w/ call, M w/ "Bom Dia" and intros "muita música bonita", local mx; splatter from CBY
JB	2010.11.13	0926	0927	1410	La Mexicana XECF	Los Mochis SN	Mexico	22322 mx, hype "La Voz de Fiesta ____ , La Mexicana" and mx w/ trumpets, fade
JB	2010.11.10	2200	2201	1410	Rádio Santa Cruz ZYJ614	Santa Cruz RN	Brazil	34443 pgm ending w/ stn hype, full ID, 2201 A Voz do Brasil
JB	2010.11.13	0932	0936	1410	WENU	South Glens Falls NY	USA	23332 C+W mx, 0932:40 anmt "Country music ... South Glens Falls and Fort Edward, Real Classic Country AM 14-10", more C+W, 0935:40 "Classic Country AM 14-10"
JB	2010.11.11	0957	1002	1413	KBC, Kyushu Asahi Hosō JOIF	Fukuoka	Japan	23333 chat, 0958:30 bit of mx, more tk, website, 1000 "KBC Radio", 2+1 pips, animated tk maybe an ad
JR	2010.11.08	1957	2002	1413	Golos Rossii	Grigoriopol	Moldova	Russian language program // 1143
JR	2010.11.09	2157	2203	1413	BBC Gloucestershire	synchros (2)	UK	"BBC Radio Gloucestershire"
JR	2010.11.09	2134	2132	1413	Premier Christian Radio	synchros (2)	UK	"Premier Christian Radio" ID at 2134
JB	2010.11.08	0100	0101	1413	UNID			22332 familiar theme mx/IS beneath Spain, W tk later but cannot ID lang
JB	2010.11.13	0959	1000	1420	WOC	Davenport IA	USA	22322 among many signals, PSA w/ child's voice, "NewsTalk 14-20 WOC, Davenport", Fox nx; major QRM CKDY
JB	2010.11.12	2345	2346	1420	Rádio Cultura ZYL288	Sete Lagoas MG	Brazil	23322 fade up w/ mx, M w/ short anmt including "programação Cultura" and tel number 3773-3694 [tel number identified for this Radio Cultura by Rocco Cotroneo, RealDX]
JB	2010.11.13	0900	0900	1420	WRSA	St. Albans VT	USA	23321 just the legal ID peeking through CKDY and another stn

JB	2010.11.08	0100	0100	1420 UNID		USA	22322	weak signals..."Fox"...(and perhaps not the same stn) W call (W_S_)
JB	2010.11.07	2200	2201	1422 Deutschlandfunk	Heusweiler	Germany	34444	pgm of clas mx ending, ID, pips, TC, W w/ nx; QRM Romania
JR	2010.11.08	1927	1931	1422 Radio Romania Actualitati	Olanesti	Romania		// 855 with man speaking, very poor under DLF Germany, possible Algeria too
JR	2010.11.08	1957	2002	1422 Radio Romania Actualitati	Olanesti	Romania		sports play-by-play // 1152
JB	2010.11.07	2200	2201	1422 România Actualitata	Olanesti	Romania	22322	far beneath Germany, TC, sounder, ID, nx
JB	2010.11.13	0359	0402	1430 Rádio B2 ZYJ200	Curitiba PR	Brazil	23322	W tk w/ promos, ID's for various Aparecida stns like "Rádio Boa Nova, Iguatemi, Mato Grosso do Sul" (FM stn), 0401:30 men pgm "Com a Mãe Aparecida", M tk, 0403 TC as 2:02
JB	2010.11.13	0558	0601	1430 Rádio B2 ZYJ200	Curitiba PR	Brazil	24333	tk seems to be echoed (like 2 stations), "Com a Mãe Aparecida" pgm announced over and over, fanfare
JB	2010.11.14	0859	0901	1430 Rádio B2 ZYJ200	Curitiba PR	Brazil	23232	"Rádio B2" ID and describes programs for the day; QRM WENE
JB	2010.11.10	0259	0302	1430 WKOX	Everett MA	USA	23332	Spanish ballad, 0301 legal ID then Spanish "Mia 14-30", another song; QRM WENE
JR	2010.11.08	2358	0005	1430 WXNT	Indianapolis IN	USA		"WXNT Indianapolis" at the top of the hour.
JB	2010.11.09	0000	0000	1430 WXNT	Indianapolis IN	USA	22321	ID in gap in WENE, Fox News
JB	2010.11.10	2300	2301	1431 Radio Sawa	Arta	Djibouti	34433	US pop song, 2300:45 ID, immediately mx again; over Voice of Russia
JR	2010.11.08	1957	2002	1431 RAI Uno	Foggia	Italy		Fax sound effect then pips // 900 and others
JB	2010.11.08	1859	1901	1431 Ukrainian Radio / Radio Kultura	Kopani	Ukraine	44434	W in Ukrainian, clas piano mx, pips, flourish, M w/ ID and nx
JR	2010.11.08	2358	0005	1440 KBS	Marnach	Luxembourg		"KBS World Radio" in English begins
JB	2010.11.07	2159	2201	1440 Radio 86	Marnach	Luxembourg	44454	smooth jazz mx, ID in EE, website, CRI in EE begins, nx
JR	2010.11.09	0257	0302	1440 WRED	ME Westbrook	USA		Legal ID
JR	2010.11.09	0100	0105	1440 WJL	NY Niagara Falls	USA		Call letters under strong KBS
JB	2010.11.09	0158	0200	1440 Rádio Livre ZYJ469	Rio de Janeiro RJ	Brazil	22332	mx, ID w/ call, ad, promo for pgm w/ "Esperança" in the name, another ad or promo; under US sports stns
JB	2010.11.13	0700	0703	1440 Rádio Independência ZYH466	Santo Amaro BA	Brazil	23332	IPDA pgm // 1300.1, but not // at 0701 w/ "cinco horas", anmt and ID during an unfortunate fade; QRM US sports stns
JB	2010.11.11	0959	1001	1440 STV, Sapporo TV Hosoo JOWF	Sapporo	Japan	22332	tk behind WRED, gaining strength, obviously Japanese W at 0959:45 w/ poss website, "STV Radio" (?), one long 880-Hz pip, tk
JB	2010.11.09	0259	0301	1440 WRED	Westbrook ME	USA	33343	sports tk, 0259:30 The Big Jab, "WRED" Fox Sports News; QRM other US sports stn
JR	2010.11.08	1927	1931	1449 Radio Mayak	????	Russia		"Moscow Nights" at BOH, through BBC News (presume Redmoss), both // 198, WRTH shows six of seven stations are in Murmansk region, only Monchegorsk listed in EMWG
JR	2010.11.09	1856	1902	1449 IRIB	Bandar-e-Torkamen	Iran		Three tone IS at 1900:30, with "Iran" heard in the ID anct.
JR	2010.11.08	2029	2032	1449 Libyan Jamahiriya BC	Misurata	Libya		Liliting music // 675 and 1053
JB	2010.11.09	0259	0301	1449 Radio Mayak	Monchegorsk	Russia	13332	tk, jingle/ID, W w/ TC, Mayak sounder, nx
JR	2010.11.08	2156	2202	1449 BBC Radio 4	Redmoss	UK		BBC, 198 kHz mentioned, so Radio 4, mixing with Mayak
JB	2010.11.09	2159	2201	1449 BBC Radio 4	Redmoss	UK / Scotland	23322	mx pgm end, wx, 2200 pips, nx
JR	2010.11.08	1957	2002	1449 RAI Uno	synchros	Italy		Fax sound effect then pips // 900 and others
JR	2010.11.08	2056	2102	1450 VSB	Hamilton	Bermuda		"1450 Gold" IDs, oldies music, Bermuda weather and news at 2129

JB	2010.11.08	0100	0101	1450	WNBP	Newburyport MA	USA	14321	"W-N-B-P" and place name with the vowel in last syllable being "o", Frank Sinatra sings
JR	2010.11.08	2129	2133	1458	Gold Manchester	Ashton Moss	UK		"Gold" ID heard, 0845-231-888 phone number matches Gold website
JR	2010.11.08	2029	2032	1458	Islamic Republic of Iran Broadcasting	Birjand	Iran		3 chimes, barely audible, listed in WRTH but not EMWG
JB	2010.11.09	0258	0258	1458	Romania Actualitati	Constanta	Romania	22322	choral anthem, // 855, 1179, etc., no useful audio by TOH; under Sunrise Radio
JR	2010.11.08	1957	2002	1458	Radio Romania Actualitati	Constantia	Romania		sports play-by-play // 1152 and others
JR	2010.11.09	1856	1902	1458	CRI	Fllake	Albania		CRI program in Italian
JB	2010.11.08	2230	2232	1458	China Radio International	Fllakë	Albania	33333	IS once, fanfare, s/on W in Czech; QRM Sunrise R.
JB	2010.11.10	2100	2100	1458	BBC Radio Devon	Torbay	UK / England	24333	Sunrise R. fades down leaving this with clear ID, nx; QRM Sunrise R.
JF	2010.11.08	0000	0002	1458	Sunrise Radio		UK / England		Poor ID in passing, back up with news at 0001 mixing with another music station (presumed BBC Asian Network)
JB	2010.11.13	0913	0916	1460	WDDY	Albany NY	USA	33332	teen pop, Radio Disney hype "Radio Disney is bringing back Bridget...", mx, fade under KXNO
JB	2010.11.13	0915	0917	1460	KXNO	Des Moines IA	USA	23332	fade up w/ legal ad, 0915:15 ID, ad, sports tk
JB	2010.11.13	0600	0601	1460	WHIC	Rochester NY	USA	14321	very weak, bits of talk, W men "Station of the Cross", mx,"You are listening to...Catholic...the Station of the Cross"; QRM gospel mx stn
JB	2010.11.14	0159	0201	1460	WHIC	Rochester NY	USA	23322	fades up w/ local events, men "WHIC dot com", 0200 M tk but barely comprehensible
JB	2010.11.07	0300	0302	1460	WKDV	Manassas VA	USA	23322	Mexican mx, ID "...desde la capital de los Estados Unidos, esta es LA LEY; La Ley 14-60, la fiesta de ...", mx; QRM US stns
JR	2010.11.08	1927	1931	1467	Islamic Republic of Iran Broadcasting	Alborz	Iran		music // 900, all alone on channel, chimes at BOH
JB	2010.11.11	0023	0024	1467	All India Radio	Jeypore	India	13321	weak IS begins but fades away at 0024; QRM from Iran
JR	2010.11.09	2128	2134	1467	TWR	Roumoules	France		TWR IS
JR	2010.11.08	1857	1901	1467	Islamic Republic of Iran Broadcasting	Sahandaj	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512
JB	2010.11.13	0659	0703	1470	Rádio Educadora de Belém ZY1822	Belém de São Francisco PI	Brazil	23322	mx, 0659:30 TC by W "com hora certa", emphatic "Educadora" ID, Spanish guitar Brazilian pop mx, 0702 "com hora certa" TC, "Educadora" and poss "Belém", W sings; QRM mainly WLAM [not Rede Milícia Sat pgm; canned W w/ "com hora certa" is definitely the same as heard on web-site http://www.radioeducadoradebelem.com.br/ and pgm sked shows overnight service on Saturday nights]
JB	2010.11.14	0858	0901	1470	Radio Vibración YVSY	Carúpano	Venezuela	33333	LA mx, ID, more dance mx
JB	2010.11.11	0358	0402	1470	Llanerisima 14-70 YVJW	Valencia	Venezuela	23322	Venez mx, TC's as "Hora Valenciana," TC and ID at 0402
JR	2010.11.08	1957	2002	1470	WAZN	Watertown MA	USA		ID under WLAM
JR	2010.11.08	2129	2133	1475	UNID				a few fade-ups, might be English
JR	2010.11.08	1857	1901	1476	Euskadi Irratia	Biribilondo / San Sebastián	Spain		Man and woman with news items // 1386
JR	2010.11.09	2044	2050	1476	CNR?	Heilongjiang?	China		Light music // 1377, some sort of lengthy piece before sign-on? // 1377; 2100 5+1 pips, musical flourish possibly // CNR2 on ISOL, "Guangbo dientai"

JB	2010.11.09	2055	2101	1476 UNID		China	33333	heavenly instr mx, 2100 5+1 pips, M tk in Chinese about Chinese medical science; 2102 fade up again, all tk maybe ads; QRM Euskadi [pgm material from Jeff Ting]
JB	2010.11.13	2229	2231	1480 Rádio Canção Nova ZYI825	Gravatá PE	Brazil	34323	mx ends, enthusiastic hype "Canção Nova de Rádio" many times, Catholic event announcement, lively mx
JB	2010.11.13	2059	2101	1485 Gold 1431/1485	Washwater / Newbury	UK / England	23322	ads, canned slogan, jingle "This is Gold", news from the Sky News Centre; QRM Spain
JR	2010.11.08	2129	2133	1490 WBAE	Portland ME	USA		ABC News, ID as "1400 and 1490 News"
JR	2010.11.09	0429	0433	1490 WKVT	VT Brattleboro	USA		Weather for the TriState region, "News Talk 1220 WZBK" during Alan Colmes show break
JR	2010.11.08	2257	2302	1494 France Bleue	Bastia	Corsica		Two French stations, one IDs as "Radio Bleue"
JR	2010.11.09	0400	0405	1494 ERA	Rhodos	Greece		Flute IS // 729, 1404, 1512
JB	2010.11.08	0101	0102	1494 Xinjiang PBS	synchros	China	23332	evident through France in Chinese, "Xinjiang RGD"... "Xinjiang"... synthesizer trumpet mx to past 0102; Xinjiang only part of China in darkness
JB	2010.11.13	0000	0002	1500 Rádio Jacuípe ZYH487	Riachão de Jacuípe BA	Brazil	33333	seems a pgm ending w/ its website, 0001:30 full ID w/ call, jingle, tk but fades under WFED; QRM WFED and Dos Mil
JR	2010.11.08	2156	2202	1500 WFED	Washington DC	USA		News items, CNN
JB	2010.11.11	2028	2032	1502.9 UNID			13421	just a carrier until tiny bit of audio -- just mx -- around 2031; QRM Iran [offset lists BH Radio 1 via Radio 1503 Zavidovići, Bosnia & Herzegovina 1 kW 1502.868-1502.932 kHz measured 2011.07.31, and nothing else close]
JR	2010.11.08	2029	2032	1503 Islamic Republic of Iran Broadcasting	Bushehr	Iran		3 chimes, "Iran Radio Iran" ID, martial chorus
JB	2010.11.08	2030	2031	1503 Islamic Republic of Iran Broadcasting	Bushehr	Iran	34444	mx, chimes, ID by W, men's militaristic song, W tk // 765, 891, 900, 1224 [1080, 1224 and 1503 recordings all exactly synchronized]
JB	2010.11.09	2048	2049	1503 Family Radio	Kurkino	Russia	33323	fade up w/ US preacher quoting the Bible, presumed this because not // 1557 (Taiwan); QRM Iran, BBC Stoke and Spain
JB	2010.11.13	0200	0201	1510 Rádio Planalto da Ibiapaba ZYH608	São Benedito CE	Brazil	22322	fades up w/ rustic mx, clear call and slogan, more mx; under WWZN
JR	2010.11.08	1857	1901	1512 Islamic Republic of Iran Broadcasting	Ardabil	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512
JR	2010.11.09	0400	0405	1512 ERA	Chania	Greece		Flute IS // 1494, badly slopped by 1510
JB	2010.11.06	2359	0001	1521 China Radio International	Hutubi / Urumqi	China	43443	2359 Chinese mx begins, pips, IS, fanfare, CC and RR ID's, IS again, RR nx; Saudi had faded down, but it regained strength at 0000:30
JR	2010.11.09	0257	0302	1521 Mayak	Zapolyarny	Russia		"Moscow Nights" IS // 1143, but talk that follows is not. Murmansk area, close to Finland
JB	2010.11.09	0259	0301	1521 Radio Mayak	Zapolyarny	Russia	13321	IS, pips, bits of nx by W, // 1134; QRM mainly splatter
JR	2010.11.08	2358	0005	1521 China Radio		China		IS as "Radio Kitay", very good through Saudi station with Russian program
JF	2010.11.08	0001	0002	1530 VOA	Al Dhabbaya	UAE Dubai		Poor English news //972
JB	2010.11.12	0930	0930	1530 WCKY	Cincinnati OH	USA	35333	rel pgm ends, ID, begin another brokered rel pgm
JB	2010.11.13	0700	0701	1530 Rádio Cultura ZYH479	Guanambi BA	Brazil	23322	0700:30 fade up w/ ID including call, promo/ad, fade

JB	2010.11.11	2029	2031	1530	Radio Vaticana	Santa Maria di Galeria	Vatican City	34333	IS, 2031 "Laudetur Jesus Christus", church nx in French; QRM Romania
JR	2010.11.09	1928	1933	1530	R. Romania Actualitati	synchros	Romania		Beatles music "Goodnight" // 1179, 1152, 885
JB	2010.11.06	2000	2001	1530	Pulse 2	Vicars Lot / Huddersfield	UK / England	22322	mess of stns, this one fades up w/ end of an ad, then "Pulse 2 weather"...
JB	2010.11.14	0850	0902	1530	Rádio Planalto ZYJ685	Vilhena RO	Brazil	23332	ballads w/ accordion, 0858 WCKY fades a bit, seems to be the anthem ending, 0859 full ID men "5 mil watts de potencia", similar mx to before
JR	2010.11.08	2056	2102	1539	VOA	Al Dhabbiya	UAE		VOA News, mixing with ERF (Germany) "erf.de"
JB	2010.11.08	1944	1948	1539	Radiodif. Vision Djibouti	Djibouti	Djibouti	34433	local dance mx, 1947:30 tk but faded under Germany, // 4780
JR	2010.11.08	1857	1901	1539	Islamic Republic of Iran Broadcasting	Yazd	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512
JR	2010.11.08	1927	1931	1539	Islamic Republic of Iran Broadcasting	Yazd	Iran		Music // 900, chimes at BOH, German preacher on top
JB	2010.11.13	0700	0702	1540	Rádio Super Difusora ZYL217	Bom Despacho MG	Brazil	23322	fade up w/ ID but only very clear features were the location "...Bom Despacho, Minas Gerais", fade down almost immediately; QRM Bahamas
JB	2010.11.13	0359	0401	1540	UNID		Brazil	23322	fading up, stn w/ Aparecida pgm, // 1430, but a number of stns on the freq are Catholic; QRM CHIN
JB	2010.11.10	0204	0205	1540.3	UNID			24332	SS song, no tk but hoping for R. Turbomix, Peru; splatter from 1540
JB	2010.11.09	0359	0401	1548	Voice of Russia	Maiac / Grigoriopol	Moldova	33343	intermittent 1000-kHz tones, 0400 suddenly on w/ pips, quick "Golos Rossii" and nx; QRM mainly British
JB	2010.11.10	2100	2101	1548	BBC Radio Bristol	Mangotsfield / Bristol	UK / England	23343	pop song, ID, nx; QRM other Brits
JB	2010.11.07	0400	0401	1550	WKBA	Vinton / Roanoke VA	USA	23332	M "15-50 WKPA Vinton-Roanoke and 13-90 WKPA Lynchburg and worldwide ... wkbaradio.com" then rel tk, very peculiar that a daylight only stn is on in the middle of the night; QRM from CBE
JB	2010.11.07	0559	0601	1550	WKBA	Vinton / Roanoke VA	USA	24433	QRM fades down, rel message, ID, new pgm begins
JB	2010.11.11	0859	0901	1550	CBE	Windsor ON	Canada	24333	guitar mx, pgm promo for "Canada Reads", 0900 CBC news; QRM Rebelde
JR	2010.11.08	2156	2202	1557	Family Radio	Kouhou	Taiwan		"Open Forum" mentioned, Oakland address given.
JR	2010.11.08	1957	2002	1557	Family Radio	Kouhu	Taiwan		"We've a Story to Tell the Nations" interval signal weak under France, maybe English program after, also noted at 2059 with Family Radio signature tune, then peppy hymn instrumental
JB	2010.11.08	2100	2102	1557	Family Radio	Kou'hu	Taiwan	32332	fanfare, EE pgm will continue, Family Radio web site, 2101:30 tel numbers and begin pgm; beneath France
JB	2010.11.09	2028	2031	1557	Family Radio	Kou'hu	Taiwan	33323	hymn, 2029 "Thank you my friends for listening to Family Radio..." theme trumpet mx, 2030 spritely instr mx; over France for a while
JB	2010.11.11	0958	1001	1557	Family Radio	Kou'hu	Taiwan	23332	Chinese, W w/ end of pgm w/ email addresses, mx,
JB	2010.11.12	2200	2201	1557	BBC Radio Lancashire	Oxcliffe	UK / England	32342	ID, W w/ nx; beneath France Info
JR	2010.11.08	1927	1931	1557	Islamic Republic of Iran Broadcasting	Zabol	Iran		Chimes under France Info
JB	2010.11.10	2030	2031	1557	Islamic Republic of Iran Broadcasting	Zabol	Iran	22332	3 chimes were very weak, but ID by W at much better level, militaristic song; QRM France
JB	2010.11.13	0659	0702	1560	Rádio Jornal ZYL256	Leopoldina MG	Brazil	23322	abrupt fade up: sounds like broadcast beginning, ID, fade under WQEW but glimpses of hype and mx from 0700:20

JB	2010.11.08	2057	2102	1566	Far East Broadcasting Co. HLAZ	Jeju	Korea, South	33423	dramatic Korean tk, 2058:20 mx w/ tk over by diff ancr, 2059:20 piano and W sings over may be a jingle, then poss ID w/ freqs men "Cheju", 2100 pips, flute theme M tk; over TWR Benin in FF, AIR, County Sound
JR	2010.11.09	2026	2031	1566	Far East Broadcasting Co. HLAZ	Jeju	Korea, South		Christian religious music, Asian language, 2100 "This is My Father's World", VERY strong
JB	2010.11.09	2058	2102	1566	Far East Broadcasting Co. HLAZ	Jeju	Korea, South	33333	W tk in Korean, flute mx w/ Caribbean flavor, 2059:30 jingle, W w/ freqs, pips, oboe theme similar to Lord of the Rings, M tk over, 2101 M tk seriously; over County Sound R.
JB	2010.11.10	2157	2201	1566	Trans-World Radio	Parakou	Benin	24444	fades up FF rel tk pgm "La Bible sur les ondes", mx, contact info by e-mail, mail, and tel numbers, 2200 pgm "L'eau de la vie" begins
JB	2010.11.08	2159	2201	1570	CJLV	Laval QC	Canada	33333	ads, fading up, says local nx coming up, ID, TC, woman w/ brief local nx and wx
JB	2010.11.11	0659	0700	1570	Rádio Club ZYJ341	Nova Aurora PR	Brazil	13322	CJLV fades down briefly revealing this w/ brief anmt including website "www.clubam.com..."
JB	2010.11.13	0159	0201	1570	Rádio Emissora ABC ZYK651	Santo André SP	Brazil	23322	mix of weak Brazilians, 0159:30 ads, call, slogan, web address, sound effect, bit of tk and accordion mx
JB	2010.11.14	0943	0950	1570	CKMW	Winkler MB	Canada	23322	fades up w/ promo for "Classic Country Hour" w/ ID twice, C+W mx
JB	2010.11.13	0003	0003	1570.1	Rádio Povo ZYH496	Jaguaquara BA	Brazil	23322	0002:30 briefly up w/ ad for a shop in "Jaguaquara, Bahia", another ad [location picked out by Rocco Cotroneo, RealDX]
JR	2010.11.08	1857	1901	1575	Radio Farda	Dhabbiya	UAE		ID during pop music break
JB	2010.11.09	0801	0802	1580	Avivaradio HJQT	Bogotá	Colombia	23333	soft rel vocals, woman w/ UTC-5 TC, another woman with slogan "a travez de la 15-80 AM, la emisora del Avivamiento"; over CKDO [slogan deciphered by Mauricio Molano Sánchez, RealDX]
JR	2010.11.08	1857	1901	1584	Islamic Republic of Iran Broadcasting	Maku	Iran		parallel to distinct bassoon-like instrument, noted on many channels at this time, best on 1503 & 1512
JR	2010.11.08	1927	1931	1584	Islamic Republic of Iran Broadcasting	Maku	Iran		music // 900, chimes chimes heard, mixing with SER pips and sports at 1930
JB	2010.11.10	2030	2031	1584	Islamic Republic of Iran Broadcasting	Maku	Iran	33343	mx (anthem?), 3 chimes, ID by W, militaristic song; QRM Spain
JR	2010.11.08	1957	2002	1584	SER Radio Orense	Orense GA	Spain		local ID before top of the hour
JR	2010.11.08	1957	2002	1584	RAI Uno	Terni	Italy		fax sound effect then pips // 900 and others, also noted on 1575
JB	2010.11.13	0559	0600	1590	Rádio Nova Cultura ZYJ290	Andirá PR	Brazil	22321	fades up under WARV w/ tk, ascending bubble notes sound effect, men "Nova Cultura" then "Rádio Cultura", more fast tk but then fades out
JB	2010.11.14	0158	0200	1590	Rádio Sim Tupi	Cachoeiro de Itapemirín ES	Brazil	23332	fade up w/ M tk, temp, TC, ads, // 1280 but 7.16 sec behind 1280; QRM WARV
JR	2010.11.08	2358	0005	1590	WCGO	Evanston IL	USA		WCGO call letters mentioned twice
JB	2010.11.08	2359	0000	1590	WCGO	Evanston IL	USA	22311	W in lang, maybe Spanish, men WCGO twice, maybe a web address; strong DRM noise and under WARV
JB	2010.11.08	0023	0024	1593	All India Radio	Bhopal	India	12331	very weak IS, lots of noise ... DRM?
JR	2010.11.08	1857	1901	1593	Radio Free Iraq	Kuwait City	Kuwait		Presumed with ME music
JB	2010.11.08	1900	1900	1593	Radio Târgu Mures	Miercurea Ciuc	Romania	14321	just very weak IS, // 1197 and 1323 but seems later than the others

JR	2010.11.09	1856	1902	1593	Radio Cluj	synchros	Romania	ID as "Radio Cluj" into some sort of signature tune, then news. Abkle to blank out DRM noise.
JB	2010.11.09	2200	2200	1602	Radio Seagull	Pietersbierum	Netherlands	22322 in a mess, "on Radio Seagull" ID then under Brit/BBC stn
JR	2010.11.08	2156	2202	1620	Radio Rebelde	??	Cuba	"Radio Rebelde" ID, news items
JB	2010.11.11	0929	0931	1620	Radio Progreso	unknown location	Cuba	33433 Mexican mx ends, tk re mx, 0930 ID, TC, Cuban mx pgm; QRM R. Rebelde
JB	2010.11.11	0959	1000	1620	Radio Rebelde	unknown location	Cuba	34344 Cuban mx, 1000 organ mx, "Rebelde, La Habana, la emisora de la revolución", organ mx; QRM R. Progreso
JB	2010.11.07	0259	0301	1630	Radio Northcoast	pirate	Netherlands	23322 mx, 0259:45 English ID, says will be closing down in 5 min, then fades under KCJJ
JB	2010.11.11	1000	1001	1630	WRDW	Augusta GA	USA	33343 heroic mx, legal ID, ABC nx
JB	2010.11.10	2355	0000	1633.3	Radio Jeneverstokerij	pirate	Netherlands	25332 2355 carrier on, 2356 Dutch song, 2357 M in Dutch men "Jeneverstokerij" many times, 2359 mx again, 2359:30 off
JB	2010.11.07	2032	2049	1636.4	Technical Man Radio	pirate	Netherlands	25332 Dutch ballad, 2037 silence, new tunes back to back, 2044 M w/ ID
JB	2010.11.07	2058	2100	1636.4	Technical Man Radio	pirate	Netherlands	25343 English ID's and repeated phone number "in the east part of the Netherlands", schlager
JB	2010.11.08	2230	2232	1639.7	UNID	pirate	Netherlands	15331 accordion polka, 2231 M in Dutch, ID but can't get it, more tk, 2232 accordion polka then off
JB	2010.11.09	2125	2129	1639.7	Radio Meteor	pirate	Netherlands	15322 polkas, 2127:15 fades up w/ Dutch tk men "Meteor" twice, polka accordeon, 2128:30 last anmt w/ ID, bit of mx and off
JB	2010.11.13	2319	2323	1640	Radio Barcelona	pirate	Netherlands	24333 rock mx, 2321 Dutch tk: greets Radio Amigo, 2322 end tk back to same mx, poss off shortly afterwards
JB	2010.11.09	2030	2042	1646	Radio Oomasan??	pirate	Netherlands	25333 back-to-back mx, mainly Dutch folk mx but some pops, 2037:15 anmt in Dutch, many "Radio Oomasan", mx again, poss off 2042
JB	2010.11.10	2353	2355	1647	Radio Bativa?	pirate	Netherlands	25332 vague pop mx, M in Dutch brief tk including Web addres, ..."Radio Bativa"??, mx then off at 2355
JB	2010.11.07	2032	2048	1652	Radio Napoleon	pirate	Netherlands	25332 Dr. Hook "Sylvia's Mother", Dutch breaks in w/ tk men another stn, 2034 ID, mx, 2038 breaks into the song again men. "Napoleon", more mx
JB	2010.11.07	2032	2048	1665	Viking	pirate	Netherlands	15331 schlager, 2034:30 higher-pitched voice in Dutch, 2035 "Viking" twice, 2035:30 schlager again
JB	2010.11.08	2028	2032	1665	Flamingo Radio	pirate	Netherlands	15341 polkas, 2031 M in Dutch very poor "Flamingo", "..veel en dank", more polka mx [could not have ID'ed without Dr. Tim log]
JB	2010.11.12	2151	2201	1665	Relmus Radio	pirate	Netherlands	15332 Eagles "Hotel California", 1951 M in EE w/ greetings to Terry in Newfoundland, Canada, more mx [no ID but in Terry's logs in Dr. Tim]
JB	2010.11.06	2359	0010	1670	CJEU	Gatineau QC	Canada	25322 children's choir w/ Québec children's song, 0000 child's voice tk incl slogan "Radio Enfant", group of children say "Radio Enfant", another song by choir
JB	2010.11.08	2359	0001	1670	CJEU	Gatineau QC	Canada	24333 children's songs, ID as "Radio Enfant" by child, then some sort of story
JR	2010.11.09	0200	0205	1680	WTTM	NJ Trenton	USA	Spanish program, English ID at top of hour
JB	2010.11.07	2158	2203	1689.9	Radio Creole International (tent)	Lynn MA	USA	13311 very weak signal, male in Haitian FF, seems to men "...Creole(?) Radio Lynn..." at 2158:40, but 10 sec later "Radio Vivant"; splatter from WPTX

JB	2010.11.07	2200	2201	1690 WPTX	Lexington Park MD	USA	24343	fades in w/ "Maryland's News talk station, 15-90, WPTX", CNN nx
JR	2010.11.08	2056	2102	1703 UNID				Badly drifting, suspect Slavic, preacher or politician
JB	2010.11.06	2332	2337	3990 Gannan PBS	Hezuo	China	34443	sounds like Chinese-style ads, but not Chinese, maybe Kazakh (Tibetan listed), 2335:30 W ancrr men "programa" and "radio" "radio kazame", continues tk
JB	2010.11.06	2332	2337	4026 Laser Hot Hits	pirate	Ireland	24442	Neil Richardson "The Riviera Affair", 2333 ancrr tk, jingle, intros Yardbirds song
JB	2010.11.06	2334	2338	4747 Radio Huanta 2000 OAZ5B	Huanta	Peru	13332	tk, 2337 men "Huanta Dos Mil" and continue to tk, 2337:30 mx
JB	2010.11.06	2332	2338	4754.9 Rádio Imaculada Conceição ZYF904	Campo Grande MS	Brazil	24343	happy mx, bits of tk, men "Imaculada nova", 2333 phone numbers, hype for "Milícia" and men other stns in the net, 2335:30 "Rádio Imaculada Conceição" jingle, more tk w/ tel numbers, web address, intro to nx which begins at 2337 by W
JB	2010.11.09	2354	0001	4760 All India Radio	Port Blair	India / Andaman	25333	IS, 2355 "Vande Mataram", 2356 W says "Akashvani [word] Port Blair" and tk more, 2357 local trad mx, 0000 W "Akashvani Port Blair" then M tk
JB	2010.11.06	2335	2340	4765.1 Tajik Radio	Yangi-Yul	Tajikistan	34333	Tajik mx, 2338 :30 W tk and men "Radio Tajikistan", M tk, tk rpt
JB	2010.11.06	2336	2338	4775 Rádio Congonhas ZYG207	Congonhas MG	Brazil	24333	mx, 2336:30 tk men "Congo-o-onhas" as part of pgm info, 2337:40 mx again
JB	2010.11.06	2336	2338	4800 CNR 1	Geermu	China	34333	M and W alternating nx items ("Obama"), 2337:30 some sort of canned slogan, more nx
JB	2010.11.09	2359	0002	4800 CNR 1	Geermu	China	35343	ads, 0000 pips, Beijing Time anmt, slogan, theme mx, ID, poss nx by W and M
JB	2010.11.06	2332	2335	4820 Xizang PBS	Lhasa	China	33443	Chinese (not Tibetan), M w/ overly dramatic tk, like an ad, but it goes on for many minutes; CODAR QRM
JB	2010.11.09	2354	0002	4840 All India Radio	Mumbai	India	45444	IS, 2355 "Vande Mataram", s/on stuff w/ freq, men "Akashvani Mumbai"... "November"... , 2357 local trad mx, 0000 "Akashvani Mumbai...Hindi" and more tk, 0001 M sing trad mx
JB	2010.11.07	1029	1031	5905 Deutsche Welle Relay	Bonaire	Netherland Antil	45555	German winter sports results, 1030 ID, Petra Lambeck hosts "Bücherwelt" tking about Friedrich Nietzsche
JB	2010.11.07	1028	1030	5925 Voice of Vietnam 2	Xuân Mai	Vietnam	33333	local mx sounds like sung by child, 1029 W tk Vietnamese w/ bits of mx; QRM seems to be Chinese
JB	2010.11.07	0905	0915	5930 Radio Rossii	Monchegorsk / Murmansk	Russia	44444	news and sports (// Arman 5940), 0910 "reclame" w/ ID, tk (not // 5940)
JB	2010.11.07	0905	0915	5940 Radio Rossii	Arman	Russia	44444	news and sports (// Murmansk 5930), 0910 "reclame" w/ ID, tk (not // 5930)
JB	2010.11.07	1029	1031	5960 Xinjiang PBS	Urumqi	China	44444	upbeat tk by W in Chinese over mx, 1030 M w/ ID then excited tk like promo, more tk by W
JB	2010.11.07	1029	1032	5970 Radio Habana Cuba	La Habana	Cuba	44444	pop mx, 1031:30 tk, 1032 canned ID
JB	2010.11.07	1029	1031	5980 Radio Martí	Greenville NC	USA	34433	W w/pop mx pgm, 1030 canned ID, pgm promo
JB	2010.11.07	0905	0915	5990 Rádio Senado ZYE773	Brasília DF	Brazil	34443	W tk over accordion mx, gives Web site www.senado.gov.br, more tk, ballad at 0911
JB	2010.11.07	1029	1031	5995 Radio Australia	Brandon	Australia	24433	lively instr mx, M in pidgin, says bc is for Vanuatu and Solomon Is., nx
JB	2010.11.07	1027	1033	6055 Radio Nikkei 1	Tokyo	Japan	24433	W interviews M in Japanese, 1032 bit of mx w/ tk over
JB	2010.11.07	1029	1031	6060 Sichuan PBS	Xichang	China	35444	trad Chinese mx, 1029:40 W tk (Tibetan?) over the mx, 1030 big fanfare and ID by M then W, fanfare M and W few words, poss nx by M and W
JB	2010.11.07	0909	0910	6075 Radio Rossii	Yelizovo / Petropavlovsk	Russia	32231	glimpses of RR, fanfare at the end of nx and sports unequivocally // 5930, 5940, 6085 etc.; buzz/noise and DW QRM

JB	2010.11.07	0905	0915	6085	Radio Rossii	Krasnoyarsk	Russia	34444	news and sports (// Murmansk 5930), 0910 "reclame" w/ ID, tk (not // 5930)
JB	2010.11.07	0909	0912	6100	Radio Rossii	Kyzyl	Russia	14441	bits of RR tk // 6085; occasional UTE
JB	2010.11.07	1029	1031	6140	MV Baltic Radio	Wertachtal	Germany	23432	instr mx, fades up w/ email address, "Man of Action", M w/ ID in English w/ web address, song continues, tk in German
JB	2010.11.07	0909	0912	6160	Radio Rossii	Arkhangelsk	Russia	33433	news and sports, 0910 "reclame" w/ ID, tk, // Murmansk 5930; unknown QRM fades up at 0911
JB	2010.11.07	0910	0916	6170	Radio Borderhunter	pirate	Belgium	13321	glimpses of rock mx, a brief fade-up just after 0915 luckily included clear "This is Radio Borderhunter"; QRM just splatter from 6175
JB	2010.11.07	0909	0912	6195	Radio Rossii	Selenginsk	Russia	24432	news and sports, 0910 "reclame" w/ ID
JB	2010.11.07	1842	1855	6210	Laser Hot Hits	pirate	Ireland	14431	M in EE over mx, gave contact info (Merlin ON maildrop) at 18:44:50, rock mx at 1846
JB	2010.11.12	1944	1952	6280	All India Radio	Bengaluru	India	44444	Enya mx, W in EE says General Overseas Service is ending, freq and times, then W in FF w/ ID and freqs briefly, but cut off by pgm in Urdu
JB	2010.11.07	1849	1851	6295	Reflections Europe	pirate	Ireland	14431	seems like contact info, ID
JB	2010.11.13	2341	2359	6305	Radio TRX	pirate		24332	old rock -- Bill Haley and the Comets? -- back to back until 2358 "You are listening to Radio TRX on shortwave" many times and back to the same mx
JB	2010.11.06	2252	2325	6305	Radio Marconi	pirate	Netherlands	23343	back-to-back pop songs, finally many ID's in EE at 2322:30 w/ e-mail address and says from the "northern part of the Netherlands"
JB	2010.11.12	1944	1952	6308.1	Radio Waves International	pirate	France	14332	unstable freq, country or pop mx, ID in EE at 1950, more mx
JB	2010.11.07	1844	1858	6310	UNID	pirate	Netherlands?	25443	back-to-back polkas, 1853:30 Lou Reed "Take a Walk on the Wild Side", into another song no anmt
JF	2010.11.07	0739	0838	6310.2	Radio Sin Fronteras Int'l	pirate	Russia?	34333	dance music, ancr Evgeni said he was from Moscow, Russia studio, mx "Have a drink on me" at 0809
JB	2010.11.07	0905	0916	6310.4	Radio Spaceshuttle	pirate	Netherlands	24322	initially 6310.31 drifting up to 6310.35, Jean-Michel Jarre mx, EE ID, sounds like it just signed on says is broadcasting pgm from R. Without Borders International, 0907:40 RR pop mx, says in EE from Russia at 0910, RR folk mx
JB	2010.11.07	1844	1850	6325.3	Radio Caroline International	pirate	Netherlands?	15331	freq varies a bit up and down very rapidly; pop mx, 1847 M tk in accented EE, 1847:30 ID as "Radio Caroline International", mx again?
JB	2010.11.07	0823	0905	6944.9	Mike Radio	pirate	Netherlands	24333	Eric Burdon & the Animals "We've Got to Get Out of This Place"... 0859 Them "Here Comes the Night" ends, Jean-Michel Jarre "Oxygene 8", 0901:30 EE tk re the mx, ID, "from the centre of Holland" men Dr. Tim, e-mail Mikeradio@life.nl, YouTube promo, same info in German
JB	2010.11.13	1743	1808	6953	UNID	pirate	Netherlands	24332	back-to-back Dutch mx, 1755 some garbled tk, poss canned ID in EE, then looped instr version of "Cecilia" (flute) over which a M in Dutch spoke, seemed to be acknowledging many stns, but cannot pick out an ID
JF	2010.11.07	1631	1633	15070	Cupid Radio	pirate	Netherlands	44444	signoff anmt w/snail mail and e-mail address. Ancr said to "enjoy the rest of your Sunday"

JB	2010.11.07	1600	1607	17620	Austrian Military Radio Society	Moosbrunn	Austria	55555	bad hum as transmitter comes on, and some hum persists during broadcast; 50th anniversary broadcast begins w/ Morse code "50 YEARS AMRS" then explanation of the event, freq info for the special broadcast, interview w/ president of the AMRS
JB	2010.11.09	2034	2036	1641	UŠ Torshavn Radio OXJ	Torshavn	Faroe Islands	35343	"Security, security, all stations, all stations, Torshavn Radio calling..." navigational warnings in English, then the same in Faroese from 2035:30
JB	2010.11.07	2228	2232	1643.3v	Stoemvogel (tent)	pirate	Netherlands	25322	Dutch folk mx, 2230 Dutch tk men amateur twice, possibly "Stoemvogel" then "Radio" followed by something beginning w/ "S", drifting fast: from 1643.29 to 1643.35 in 45 sec
JB	2010.11.09	2104	2107	1656	UŠ Tarifa Radio	Tarifa	Spain	23332	2103:45 "Security, security, security, Tarifa Radio.." then ID in Spanish, navigational warnings in English then Spanish; wandering het
JB	2010.11.09	2001	2002	1680	UŠ Florø Radio LGL	Florø	Norway	24443	Norwegian marine announcements, ID
JB	2010.11.13	2300	2301	1710	UŠ Bodø Radio	Sandnessjøen	Norway	25333	"Security, Security, Security, all ships ... this is Bodø Radio..." gale warning
JB	Jean Burnell	Perseus							
JR	Jim Renfrew	Perseus							
JF	John Fisher	?							