



# domestic broadcasting survey

7<sup>th</sup> Edition, April 2005  
ISSN 1399-8218

Edited by Anker Petersen



**Saotomean radiolisters in a cocoa plantation.**

(Photo taken by the Editor)

# Domestic Broadcasting Survey April 2005

Seventh Edition

(including Tropical Bands Survey 33rd Edition).

An exclusive publication from the worldwide

## Danish ShortWave Club International

DENMARK

[www.dswci.org](http://www.dswci.org)

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Once again the now 48 years old DSWCI is publishing its annual, completely updated Domestic Broadcasting Survey (DBS) covering the whole shortwave spectrum, including the tropical bands. **Part 1** (page 4) is also the 33<sup>rd</sup> edition of the Tropical Bands Survey covering all active broadcasting stations in the range 2300-5700 kHz. **Part 2** (page 14) covers the Domestic stations on international bands above 5700 kHz broadcasting to a domestic audience or relaying such broadcasts to compatriots abroad. In **Part 3** (page 37) the active Clandestine stations are listed in a new lay out.

This survey is based upon many official sources and DX-bulletins. In order to make the DBS reliable, each station frequency has been confirmed on the air by our own monitors around the world. Depending on this worldwide monitoring effort throughout the period May 2004 – April 2005, each entry is classified in the left column using the following codes for their appearance on the particular frequencies:

A: Regular.

B: Irregular.

C: Sporadic.

D: Likely inactive.

To make this DBS up-to-date and user-friendly, frequencies which have not been reported heard during the past year are deleted and moved to **Part 4** (page 42).

Another useful feature is the column called "Last log" which shows the last month and year before the DBS deadline when the particular station was reported logged by a DX-er somewhere in the world. This is another way of indicating the audibility of the station. In a few cases P P P P P is used at entries which broadcast during local daylight only and normally cannot be heard outside a range of about 1000 km.

Thank you very much to all DX-ers who have provided valuable assistance to the DSWCI to make this publication possible! This has been done in the right DSWCI spirit in order to help DX-ers at other locations. The Shortwave Broadcasting Scene is changing every day and your updates are always welcome to the Editor by e-mail: [anker.petersen@get2net.dk](mailto:anker.petersen@get2net.dk) or to DSWCI, Tavleager 31, DK-2670 Greve, Denmark or via FAX to (+45) 43 90 29 00.

### ABBREVIATIONS USED:

A: Arabic	fq: frequency	n: nominal frequency	S: Spanish
alt: alternative	FS: Foreign Service	Nat: National	Sec: Service
C: Chinese (Mandarin)	G: German	nx: news	sl: slogan(s)
ck: check	h: hours	occ: occasional(ly)	SS: Saturday/Sunday
d: drifts, drifting	Hol: Holidays	P: Portuguese	tx: transmitter
D: Daily	HS: Home Service	PBS: People's Brc. Station	v: variable
DST: Daylight Saving Time	incl: including	px: programme(ing)	Vn: Vernacular(s)
E: English	Int: International	r: reported	W: Weekday: Mo-Sa
ex: formerly	irr: irregular	R: Radio	WS: World Service
exc: except	L: Local programme(s)	Reg: Regional	XXX: Clandestine
F: French	MF: Monday-Friday	rlg: religious	//: parallel frequency
FPI: Future Plans	MS: Minority Service	Ru: Russian	*: sign on & sign off

(= (kHz)) : Shared transmitter e.g. day/night.    ⌘ : One hour earlier during local Summer (DST).    [⌘.....]: Different DST period.

Times are in UTC. Thus "⌘ 0300-0400" means that it is broadcast at 0300-0400 UTC during local winter, but at 0200-0300 UTC during local summer. The shift to DST is done on the last Sunday of March in most countries in Europe, Asia and North America and back to normal time on the last Sunday in October. For countries on the southern hemisphere the months of local Summer are different and marked in the DBS like [⌘Oct-Feb] for stations in southern Brazil.

Days of the week are abbreviated with the first two letters and they refer to local time rather than UTC. Months of the year are abbreviated by their first three letters. Powers are in kilowatts. ? means that the power seems to be reduced. Muslim stations often have extended Ramadan schedules.

**ITU COUNTRY CODES:** (\*) Schedules may shift one hour during Summer Daylight Saving Time.

AFG: Afghanistan	CUB: Cuba (*)	KGZ: Kyrgyzstan (*)	RUS: Russia (*)
AFS: Rep. South Africa	CVA: Vatican City (*)	KOR: Korea (Rep)	S: Sweden (*)
AGL: Angola	CYP: Cyprus (*)	KRE: Korea (D.P.R.)	SDN: Sudan
AIA: Anguilla	D: Germany (*)	KWT: Kuwait	SLM: Solomon Islands
ALB: Albania (*)	DOM: Dominican Rep.	LAO: Laos	SNG: Singapore
ALG: Algeria	EGY: Egypt(*)	LBR: Liberia	SOM: Somalia
ARG: Argentina	EQA: Ecuador	LBY: Libya	SRL: Sierra Leone
ARM: Armenia (*)	ERI: Eritrea	LSO: Lesotho	STP: São Tomé
ARS: Saudi Arabia	ETH: Ethiopia	LTU: Lithuania (*)	SUR: Suriname
ATA: Antarctica(*)	F: France (*)	MDA: Moldova (*)	SWZ: Swaziland
AUS: Australia (*)	FIN: Finland (*)	MDG: Madagascar	SYR: Syria (*)
AUT: Austria (*)	G: United Kingdom(*)	MEX: México (*)	TCD: Chad
AZE: Azerbaijan (*)	GAB: Gabon	MLA: Malaysia	TGO: Togo
B: Brazil (*13/10-16/2)	GEO: Georgia (*)	MLI: Mali	THA: Thailand
BDI: Burundi	GHA: Ghana	MNG: Mongolia (*)	TJK: Tajikistan
BEN: Benin	GNE: Equatorial Guinea	MOZ: Mozambique	TKM: Turkmenistan
BFA: Burkina Faso	GRC: Greece (*)	MRC: Morocco	TUN: Tunisia
BGD: Bangladesh	GTM: Guatemala (*)	MTN: Mauritania	TUR: Turkey (*)
BIH: Bosnia-Herzegov.(*)	GUF: French Guiana	MWI: Malawi	TWN: Taiwan
BLR: Belarus (*)	GUI: Guinea, Republic	NCG: Nicaragua	TZA: Tanzania
BOL: Bolivia	GUM: Guam	NGR: Niger	UAE: Un. Arab Emirates
BOT: Botswana	GUY: Guyana	NIG: Nigeria	UGA: Uganda
BRM: Myanmar (Burma)	HKG: Hong Kong	NMB: Namibia	UKR: Ukraine (*)
BTN: Bhutan	HND: Honduras (*)	NOR: Norway (*)	URG: Uruguay (*)
BUL: Bulgaria (*)	HNG: Hungary (*)	NPL: Nepal	USA: United States of
CAF: Central African R.	HRV: Croatia (*)	NZL: New Zealand (*)	America (*)
CAN: Canada (*)	I: Italy (*)	OMA: Oman	UZB: Uzbekistan
CBG: Cambodia	IND: India	PAK: Pakistan (*)	VEN: Venezuela
CHL: Chile (*)	INS: Indonesia	PHL: Philippines	VTN: Vietnam
CHN: China, P.R.	IRN: Iran (*)	PNG: Papua New Guinea	VUT: Vanuatu
CLM: Colombia	IRQ: Iraq (*)	POL: Poland (*)	XXX: Clandestine or Un-
CLN: Sri Lanka	ISL: Iceland	PRG: Paraguay (*)	official station
CME: Cameroon	ISR: Israel (*)	PRU: Peru (*)	YEM: Yemen
COD: Dem. Rep.of Congo	J: Japan	PTR: Puerto Rico	ZMB: Zambia
COG: Congo	JOR: Jordan (*)	QAT: Qatar	ZWE: Zimbabwe
CTI: Ivory Coast	KAZ: Kazakhstan (*)	ROU: Romania (*)	
CTR: Costa Rica	KEN: Kenya	RRW: Rwanda	

**INDONESIAN PROVINCES / SPECIAL DISTRICTS**

**Greater Sundas**

<u>Sumatra</u> (Sumatera)		UTC + 7	<u>Celebes</u> (Sulawesi)		UTC + 8
Daerah Istimewa Aceh	Banda Aceh	SA "	Propinsi Sulawesi Utara	Manado	CN "
Propinsi Sumatera Utara	Medan	SN "	Propinsi Sulawesi Tengah	Palu	CC "
Propinsi Sumatera Barat	Padang	SW "	Propinsi Sulawesi Selatan	Ujung Pandang	CS "
Propinsi Riau	Pekanbaru	SR "	Propinsi Sulaw. Tenggara	Kendari	CE "
Propinsi Jambi	Jambi	SJ "			
Propinsi Sumatera Selatan			<b><u>Lesser Sundas</u></b>		
incl Bangka-Belitung	Palembang	SS "	<u>Bali</u>		
Propinsi Bengkulu	Bengkulu	SB "	Propinsi Bali	Denpasar	BA UTC + 8
Propinsi Lampung	Tanjungkarang	SL "			

**Java (Jawa)**

		UTC + 7	<u>Lombok-Sumbawa</u>		
Daerah Khusus Jak. Raya	Jakarta	JJ "	Propinsi Nusa Teng. Barat	Mataram	LW UTC + 8
Propinsi Jawa Barat	Bandung	JW "			
Propinsi Jawa Tengah	Semarang	JC "	<u>Timor</u> (Timur)		UTC + 8
Daerah Istimewa Yogyakarta	Yogyakarta	JY "	Propinsi Nusa Teng.Timur	Kupang	LE "
Propinsi Jawa Timur			Propinsi Timor Timur	Dili	LT "
incl Madura Island	Surabaya	JE "			

**Borneo (Kalimantan)**

			<u>West Papua</u> (ex Irian Jaya)		UTC + 9
Propinsi Kaliman. Barat	Pontianak	KW "	Propinsi Papua	Jayapura	PP "
Propinsi Kaliman.Tengah	Palangkaraya	KC "	<u>Moluccas</u> (Maluku)		UTC + 9
Propinsi Kaliman.Selatan	Banjarmasin	KS UTC + 8	Propinsi Maluku	Ambon	MM "
Propinsi Kaliman.Timur	Samarinda	KE "	Propinsi Maluku Utara	Ternate	MN "

**DBS-7 Part 1 April 2005**  
**(Tropical Bands Survey)**

Code	kHz	kW	ITU	Station	Schedule (UTC), remarks	Last log
A	2310	50	AUS	VL8A, Alice Springs	0830-2130 Northern Territory Sce, incl ABC in E & CAAMA R px in Aboriginal languages, (=4835)	MAR05
A	2325	50	AUS	VL8T, Tennant Creek	0830-2130 Northern Territory Sce, incl ABC in E & CAAMA R px in Aboriginal languages, (=4910)	MAR05
C	2338	-	BLR	Minsk utility station (USB)	Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occ. voice communications	FEB05
C	2350	-	KRE	KCBS, Sariwon Bangsong	2000-1800 Korean // 2850 3220 3960 4450 9665 11680, d -2349,7	MAR05
A	2380	0,25	B	R Educadora, Limeira, São Paulo	[±Oct-Feb] 24 h P, some rlg px	APR05
B	2390	0,5	MEX	R Huayacocotla, Veracruz	±W 1200-1600 2100-2400, occ. -0100v S, Otomí, Tepehua & Nahuatl, also ID: "Radio Huaya", "la Voz de los Campesinos"	MAR05
C	2460	1	B	Super R Alvorada, Rio Branco	1000-0500 P	FEB05
C	2470	0,25	B	R Cacique, Sorocaba, São Paulo	[±Oct-Feb] 24 h P // 1160 MW	AUG04
A	2485	50	AUS	VL8K, Katherine	0830-2130 Northern Territory Sce, incl ABC in E & CAAMA R px in Aboriginal languages, (=5025)	MAR05
D	2738	-	BLR	Minsk utility station (USB)	Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occ. voice communications	MAY04
B	2850	50	KRE	Korean Central Broadcasting Station (KCBS), Pyongyang	2000-1800 Korean // 3220 3350 3960 3970 6100 9665 11680; ID: "Chosong Chungang Bangsong Imunida"	MAR05
B	2960	0,3	INS	RPDT2 Manggarai, Ruteng, Flores, LE	2145-2300 0900-1500v Bahasa Indonesia	MAR05
B	3025,5	-	KRE	Frontline Soldiers R	Channel 2: 2000-1030v, incl. relays KCBS. Transmitter problems	MAR05
C	3168,3	0,5	PRU	R Naylamp, Lambayeque	1000-0200 S, ID: "Rádio Naylamp - la diferente", ex 4177, 4446, 5116	OCT04
B	3172,6	-	PRU	R Municipal, Panao, Pachitea, Huanuco	0900v-1300 2300-0400v S, sl: "Marcawana", ID: "Desde la provincia de Pachitea, nace una voz pachiterana, Rádio Municipal", n 3173	MAR05
B	3185	65	USA	WWRB, Manchester, TN	2300-0600 E rlg // 5745	APR05
A	3200	35	SWZ	TWR, Mpangela Ranch	0300-0330 W: Ndebele, Su: E, 1700-2030 E. Apr-Oct also: 0430-0500 MF: E, SS: G, 0500-0615 E	APR05
C	3205	10	PNG	R West Sepik, Vanimo	Kundu (Provincial) Sce: 2000-2100 0730-1200v, Tok Pisin ID: "Maus bilong Sandaun" (= Sunset!), d - 3206.0	FEB05
A	3210	100	USA	WWCR, Nashville, Tennessee	FS: 0000 (Dec-Feb 2300)-1000 E	APR05
A	3215	100	AFS	So. African R League, Meyerton	Mo 1900-2000 E	APR05
B	3215	100	AFS	AWR, via Meyerton	1800-1830v E // 3345	MAR05
A	3215	50	MDG	R Feon'ny Filazantsara, via Talata-Volonondry	1630-1655 Malagasy, ID: "Radio Feon'ny Filazantsara... Madagascar" operated by the Lutheran World Federation via RNW	MAR05
A	3215	50	MDG	AWR, Talata-Volonondry	0230-0330 1530-1630 Malagasy, ID in E; via RNW	MAR05
B	3220	8	EQA	HCJB, Pifo	Regional Service 0830-1200 0000-0300 Quichua // 6080 6125	OCT04
B	3220	-	KRE	KCBS, Hamhung, Bangsong	1958-1800 (incl. Reg. Sce W 0500-0600) Korean, ck 2850(ID) 3350 3960, relays PBS 1800-2000	MAR05
C	3220	10	PNG	R Morobe, Lae	Kundu (Provincial) Sce: 1930-2200 0730-1200v Tok Pisin, ID: "Maus bilong Kundu"	DEC04
C	3220	0,012	PRG	R Colégio Técnico Municipal Santa Rosa de Lima, Nemyby	Test transmission in August 2004	AUG04
A	3223	50	IND	AIR Shimla	Northern Sce: 0015v-0200 1300-1730 (SS - 1741) E/Hindi/Sanskrit, E nx 1530, SS 1730, Hindi ID: "Yeh Akashvani-he", (=6020)	FEB05
B	3230	100	AFS	Family R, via Meyerton	1900-2100 E. Broker: Merlin	MAR05
A	3234,9	1	PRU	R Luz y Sonido, Huanuco	W 1000v-1500 2100-0230v S/Quechoa. Rlg px. ID: "Los especiales de Rádio Luz y Sonido"	DEC04
C	3235	1	B	R Guarujá Paulista, Marília, SP	[±Oct-Feb] 24 h P // nominal fq 3385(ID), 5045 5930	APR05
A	3235	10	PNG	R West New Britain, Kimbe	Kundu (Provincial) Sce: 0730-1300v Tok Pisin, ID: "Maus bilong Tavour"	APR05
A	3240	25	SWZ	TWR, Mpangela Ranch	0300-0330 Shona, 0330-0345 Ndau	APR05
A	3249,7	1	HND	R Luz y Vida, San Luís, Santa Bárbara	1100v-1600 2200-0400 S rlg, except Su 0300-0400, Mo 0230-0400 E. ID: "De esta forma su Rádio Luz y Vida desde San Luís, Santa Bárbara, Honduras", n 3250, d 3249,5 - 3250,1	MAR05
C	3250	50?	KRE	Pyongyang Broadcasting Station (PBS), Pyongyang	HS: 2100-2300 0100-0700 1430-2030 Korean // 3320 6250. ID: "P' yongyang Pangsong - Imnida"	FEB05
A	3255	100	AFS	BBC, via Meyerton	FS (World Service): 0300-0600 1600-2200 E. Broker: Merlin	APR05
A	3255	1	B	R Educadora 6 (Seis) de Agosto, Xapuri, Acre	0930-0200 P, ID "Rádio Educadora 6 de Agosto-Xapuri-AC, transmitindo em Ondas Medias de 820 kHz e Ondas Tropicais de 3255 kHz, com studios à Rádio Pio Nazario 31, apuri-Acre, Brasil - Rádio Educadora 6 de Agosto, pronta para o novo milenio."	APR05

C	3259	0,6	J	NHK, Kasuga	0800-1300 Japanese. Back up relay of JOLK, Fukuoka 1 in USB // 3607,5; ck 6130	MAR05
A	3260	10	PNG	R Madang, Madang	Kundu (Provincial) Service: 0730-1200 Tok Pisin, ID: "Karai bilong Garamut"	MAR05
B	3266,4	10	INS	RRI Gorontalo, CN	RRI Cabang Muda: 2100(Ramadan 1830)-0015 0800-1300v Bahasa Indonesia; Su 1130-1145 E px "Kang Guru Radio English Show"	MAR05
C	3275	10	PNG	R Southern Highlands, Mendi	Kundu (Provincial) Service: 0730-1300v Tok Pisin, ID: "Karai bilong Muruk". Often signs off earlier	MAR05
A	3279,6	2,5	EQA	La Voz del Napo, Tena, Napo	0900v-1130 2200-2255, Su: Mass 1300-1400, S/ Quichua. ID: "Radiodifusora cultural la Voz del Napo, la emisora cultural católica la Voz del Napo". R María de Ecuador (Quito) and other countries: 2300-0900 S, Produced by catholic Misión Josefina; d - 3279,4	APR05
A	3280	50	CHN	Voice of Pujiang, Shanghai	1200-1600 Wu (= Shanghai dialect of C) // 4950 5075. ID: "Pujiang zhi Sheng"	MAR05
B	3287,7	10	MDG	R Nat. Malagasy, Antananarivo	HS 1: MF 0256-0500, HS 2: 1600-1900,(SS -2100) F/ Malagasy // 5010, (=9690)	MAR05
C	3289,9	0,5	EQA	R Centro, Ambato, Tungurahua	24 h S. Transmitter problems. Very irregular	NOV04
B	3291,1	10	GUY	Voice of Guyana, Sparendaam	24 h E, incl. relay BBC nx 0200 0300 0400 0500	JAN05
C	3300	10	GTM	R Cultural, Guatemala City	24 h S rlg, not daily. Off the air Oct 2003 - April 2004	JAN05
C	3305	10	PNG	R Western, Daru	Kundu (Provincial) Service: 0730-1200v E/Tok Pisin, ID: "Voice of the Sunrise". NBC nx: 1100 Tok Pisin, 1200 E. Weak modulation	MAR05
C	3306	100	ZWE	ZBC, Gweru	R Zimbabwe: 1600v-2300v Shona/Ndebele. Replaced by 6045.	MAR05
A	3310	8	BOL	R Mosoj Chaski, Cotapachi, Quillacollo, Cochabamba	0800v-1140 2200v-0200v (Su 0800-1200) Quechoa.ID: "Mosoj Chaski Rádio"	APR05
A	3315	50	IND	AIR Bhopal A	Western Sce: 0025-0215 1130-1740 E/Hindi/Urdu, E nx 1530 1730, (= 7180)	FEB05
B	3315	10	PNG	R Manus, Lorengau, Admiralty Islands	Kundu (Provincial) Service: 0730-1200v Tok Pisin, ID: "Maus bilong Chauka". Some days relays NBC till 1300*.NBC E nx 2000	MAR05
A	3320	100	AFS	SABC, Meyerton	R Sonder Gense: 1700-0500 (Apr-Oct 1600-0530) Afrikaans, (= 7185 9650)	APR05
B	3320	50	KRE	PBS, Pyongyang	HS: 2100-1900 Korean // 3250(ID) 6250 6398, also FS	MAR05
C	3324,9	1	GTM	R Maya, Barillas, Huehuetenango	0900v-1230v 2100-0330v S/Kakchikel, ID:"Estan escuchando R Maya, TGBA desde Barillas,Departamento de Huehuetenango,en Guatemala"OCT04	OCT04
B	3325	2,5	B	R Mundial, São Paulo, SP	[OCT-Feb] 24 h P // MW, px "Rádio Nossa Voz". CBS Network	JAN05
A	3325	10	INS	RRI Palangkaraya, KC	RRI Cabang Muda: 2200(Ramadan 1855)-0200 0800-1600 Bahasa Indonesia	MAR05
B	3325	5	PNG	R Bougainville, Kubu, Buka Island	Kundu (Provincial) Service from Kieta Studio: 0730-1203v Tok Pisin, ID: "Maus bilong Sunkamap", "R North Solomons". NBC E nx 1000. Some days relays Port Moresby 1200-1245v*, alt. fq 5985	MAR05
B	3329,6	5	PRU	R Ondas del Huallaga, Huánuco, Huánuco	0930(Su 1100)-0330v S, n 3330	MAR05
C	3335	5	PNG	R East Sepik, Wewak	Kundu (Provincial)Sce:0730-1200v Tok Pisin, ID:"Nek bilong Sepik" 1100 E nx	OCT04
B	3340	2.5	HND	HRMI, La Voz de Misiones Internacional, Comayaguela	1200-0500 S/E rlg, ID: "Rádio MI", "Rádio Misiones Internacionales", "La Voz de Misiones", also E ID: "HRMI", "IMF World Missions". Off May-Oct 2004 due to faulty transmitter tube	APR05
A	3345	100	AFS	Channel Africa, Meyerton	FS: 0300-0500 1900-2200 E/P	APR05
A	3345	100	AFS	AWR, via Meyerton	1800-1830v E // 3215	APR05
B	3345	10	INS	RRI Ternate, MN	RRI Cabang Muda: 2000v(Ramadan 1800)-0100(Su 2330) 0800-1400 Bahasa Indonesia, d - 3344,8	APR05
D	3345	10	PNG	R Northern, Popondetta	Kundu (Provincial) Sce: 0700-1300 E, Tok Pisin & Vn, ID : "Voice of Oro"	SEP04
B	3346	-	BLR	Minsk utility station (USB)	Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occ. voice communications	FEB05
A	3350	100	CTR	R Exterior España, Cariari de Pococi	Apr-Oct: 0200-0600 S // 6020 6125	APR05
C	3350	-	KRE	KCBS, P' yongsong	1958-1800 (incl. Reg. Sce: MF 0500-0600) Korean, ck 2850(ID)	MAR05
B	3355	-	BLR	Minsk utility station (USB)	Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occ. voice communications	FEB05
B	3355	10	PNG	R Simbu, Kundiawa	Kundu (Provincial) Sce: 0700-1200v Tok Pisin, ID:"Karai bilong Mambu"	FEB05
B	3365	1	B	R Cultura, Araraquara,São Paulo	[OCT-Feb] 0700-0300 P, SS 24 h with relays of its FM px incl. "Noite Cultura" 2300-0300 with sertanejas. Off Oct 2004 - Jan 2005	FEB05
A	3365	20	IND	AIR Delhi, Khampur	Northern Sce: 1220-1841 E/Hindi/Punjabi, E nx 1530 1730, Punjabi nx 1400, Forces Px: 1245-1325, ID: "Yeh Akashvani Delhi he"	JAN05
B	3365	10	PNG	R Milne Bay, Alotau	Kundu (Provincial) Sce: 0730-1200 Tok Pisin, ID: "Voice of Kula"	DEC04
D	3366	50	GHA	GBC, Accra	R 2: 0525-0900 1700-2330 E, nx // 4915: 0600 0700 1800 MF:1900 2000 2100 2300. Own nx Sa 2100. (= 6130)	JUL04

B	3373,5	0,3	J	NHK, Mihara	0800-1300 Japanese, back up tx USB of Osaka 2. ID: "Osaka daini hiso desu, JOBB"	MAR05
A	3375	5	B	R Educadora, Guajar Mirim, Rondnia	0900-1200(Su -1600) 2030-2200 P // 1260 MW	MAR05
C	3375	10	PNG	R Western Highlands, Mount Hagen	Kundu (Provincial) Service: 1900-2200 0730-1202v Tok Pisin/ Medlpa/ Mid-Wahgi/ Enga, Tok Pisin ID: "Nek bilong Tarangau", NBC nx 1100 Tok Pisin	OCT04
B	3375,1	5	B	R Municipal, So Gabriel da Cachoeira, Amazonas	1000-1100 2100-0300 P, ID: "Rdio Municipal, So Gabriel da Cachoeira"	APR05
A	3375,1	1	PRU	R San Antonio, Padua de Callalli, Arequipa	[Nov-Mar] 1000v -1400 2200-0200v S rlg	FEB05
B	3385	1	B	R Guaruj Paulista, Marlia, SP	[Oct-Feb] 24 h P. Relays R Guaruj Paulista 1550 MW or R Guaruj FM // 3235 5045 5930. Ex 3400	APR05
C	3385	10	INS	RRI Kupang, Timor	0900-1400 Bahasa Indonesia. Off September 1999 - August 2004	OCT04
B	3385	10	PNG	R East New Britain, Rabaul	Kundu (Provincial) Sce: 0700-1200 E/Tok Pisin. Relays RENB, FM: 1200-1600	MAR05
B	3390	100	AFS	BBC via Meyerton	FS: 0430-0500 1730-1745 2030-2100 E/P	MAR05
B	3390	10	IND	AIR Gangtok, Sikkim	Northeastern Sce: 0100-0415 1030-1600v Nepali, exc. 1030-1100 and Fr 1430 Hindi, 1100-1130 Lepcha, 1130-1200 Limboo, 1200-1230 Sikkimese, Sa 1430 E. Erratic tx. Ck 6085	DEC04
B	3390,3	1	BOL	R Emisoras Camargo, Camargo, Chuquisaca	MF 2300-0030v S/Aymara, irr Quechoa, sl: "La Voz del Norte Cinteo", d -3391,5	MAY04
B	3560	200	KRE	Voice of Korea, Pyongyang	FS: 0700-0400	MAR05
C	3578,8	0,5	INS	RSPK Ngada, Bajawa, LE	0900-1400v Bahasa Indonesia, relays RRI Jakarta nx 1200. S/off varies 1205* - 1415*; ex 2899	MAR05
B	3607,5	0,9	J	NHK, Shobu-Kuki, Tokyo	0800-1300 Japanese, back up relay of Tokyo 1(USB), ID: "Tokyo daiichi hoso desu, JOAK" // 3259 6005	MAR05
C	3815	0,2	GRL	Kalaalit Nunaata R, via maritime coastal station, Tasiilaq (USB)	 1500-1600 2100-2200 Greenlandic, 1600-1615 2200-2215 Danish	MAR05
C	3900	7,5	CHN	Hulun Buir PBS, Hailar, Nei Menggu	2130-0700 (Tu-0210) 0900-1440 C	MAR05
C	3905	10	INS	RRI Merauke, PP	RRI Cabang Muda: 2000-2200 0700-1400v Bahasa Indonesia. Ramadan extended schedule. Modulation problems	JAN05
B	3905	10	PNG	R New Ireland, Kavieng	Kundu (Provincial) Service: 2000v-2200 0730-1300v Tok Pisin, ID: "Maus bilong Mai Mau"	MAR05
A	3915	100	SNG	BBC, via Kranji	FS: 1600-1800 2100-0030 E/Bahasa Indonesia	MAR05
D	3923	0,04	RUS	R Samorodinka, Moscow	2105-2145v Russian/E (Pirate), ID: "Samorodinka Radio"	MAY04
A	3925	50	J	Nikkei R Broadcasting Corp., Nagara, Chiba, Tokyo	HS 1: 2030-1500v Japanese // 6055 9595, ID: "Nikkei Radio - sha Tampa-hoso" (= The Nikkei R Corp. SW broadcasting)	APR05
C	3925	10	J	Nikkei R Broadcasting Corp., Nemuro, Sapporo	HS 1: 2300-0750 Japanese // 6055 9595	PPPPP
B	3930	10	KOR	KBS-1, Hwasong	0300-0100 Korean, ID: "Che-il Radio" (= Radio One)	MAR05
A	3935	1	NZL	ZLXA, R Reading Sce., Levn	Relays NZL National R 24 h exc. for own px: 2000(Su 0130)- 1000 (Sa-0500, Su -0900) E // 1602 MW	MAR05
B	3945	50	IND	AIR Gorakhpur	0228-0300 E/Hindi // 6030 7235 11830 15135, E nx 0245. Also FS: 0130-0227 Nepali and 1430-1735 Urdu	OCT04
C	3945	10	J	Nikkei R Broadcasting Corp., Nagara, Chiba, Tokyo	HS 2: SS 2300-0900 Japanese // 6115 9760, ck 3925(ID)	DEC04
A	3950	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr: 2330-0300 1200-1800 C, ID: "Xinjiang renmin kwangpo dientai", E ID: "China Xinjiang People's Radio Station" // 5060 5960 7310 11770; (=7155)	MAR05
A	3955	100	D	WYFR Family R, via Jlich	FS: Nov-Mar: 1800-1900 G, ex 3985	MAR05
A	3955	100	D	HCJB, Ecuador, via Jlich	FS: Nov-Mar: 1600-1630 Low G, 1630-1700 G	MAR05
A	3955	250	G	WYFR Family R, via Skelton	FS: 0500-0600 G. Broker: Merlin	FEB05
A	3955	250	G	R Taiwan Int., via Skelton	FS: 1900-2000 F. Broker: Merlin	JAN05
A	3955	250	G	R Korea Int., via Skelton	FS: 2000-2100 G, 2100-2130 E. Broker:Merlin	FEB05
B	3955	100	RUS	Voice of Russia, Vladivostok	FS: 1000-1100 1200-1300 1400-1500 Korean	MAR05
A	3959,7	-	KRE	KCBS, Kanggye	2000-1800 Korean // 2850 9665, d - 3958,8	MAR05
A	3960,2	10	INS	RRI Palu, CC	RRI Cabang Muda: 2030(Ramadan 1900)-2400 0800-1600v Bahasa Indonesia, d - 3960 (= 7234). Transmitter problems	MAR05
A	3965	100	D	R Liberty, via Biblis	FS: Apr-Oct: 1900-2100 Ru	AUG04
A	3965	500	F	R France Int., via Issoudun	 FS: 0400-0500 2100-2200 F to No. Af, 2000-2100 Serbian	MAR05
A	3965	500	F	R Monte Carlo Moyen-Orient, via Issoudun	RFI FS: Nov-Feb: 0500-0600 A	FEB05
A	3965	500	F	R Taiwan Int., via Issoudun	FS: 1800-1900 E, 2200-2300 C, ck 6150(ID)	MAR05
B	3970	0,3	J	NHK Nabeta, Nagoya 1	2000-0030 0400-1300 Japanese (USB) // 3259 3607.5 6005	MAR05
B	3970	0,6	J	NHK, Sapporo 1	1300-1500 Japanese	FEB05
B	3970,5	-	KRE	KCBS, Wonsan, Kwangwong	2000-1800; relays PBS 1800-2000 Korean. Regional px: MF 0500-0600 // 2850(ID) 3220 2250 3960 6100 9665	MAR05

A	3975	100	D	VOA, Biblis	FS: Apr-Oct: 2000-2030 Ukrainian	AUG04
A	3975	250	HNG	R Budapest, Jászberény	≈1900-1958 Hungarian rebroadcast HS 1 (Kossuth R) // 6025, also FS: 0400-0458 1700-2158 Ru/S/E/G/F/Italian	MAR05
B	3976,1	10	INS	RRI Pontianak, KW	RRI Cabang Muda: 2200-0030v 1000v-1600v Bahasa Indonesia. Regional nx 1400. Ramadan and Wayang Kulit extended schedule.	MAR05
A	3980	100	D	R Liberty, via Biblis	FS: Nov-Mar 1800-2100 (Sa -2000) Ukrainian	MAR05
A	3985	100	D	VOA, via Biblis	FS: Nov-Mar: 0500-0600 Ukrainian	JAN05
B	3985	100	CHN	China Business R (= Jingji shi Sheng) (Ex China National R 2), Ge'ermu, Qinghai	2100-2300(Apr-Oct-2400) 1300-1600 C // 6010, ID:"Zhongyang Renmin Guangbo Diantai, Jingji zhi Sheng, China Business Radio, Your Radio !"	FEB05
A	3985	100	IRN	VOIRI, Kamalabad	FS: Nov-Mar: 1700-1800 1930-2030 (Apr-Oct - 2130) Ru	MAR05
A	3985	250	IRN	VOIRI, Ahwaz	FS: Nov-Mar: 1900-1930 Hebrew // 5970	FEB05
C	3990	15	CHN	Gannan PBS, Tianshui, Hezou, Gansu	2220-0115 0420-0620 0950-1400 Tibetan // 5970v incl. CNR 8 MS: 1300-1400v Tibetan	NOV04
A	3990	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Mar: 2330-0300 1200-1800 Uighur // 4980 6120 7195, ID: "Sinkiang khalk radyo stanshi", i ncl. CNR8 MS: Nov-Mar: 1500-1600	MAR05
A	3995	500	D	Deutsche Welle, Wertachtal	FS in DRM: 1600-0800 (Apr-Oct: 1800-0600) G	MAR05
B	4000	50	CHN	Nei Menggu PBS,Hohhot, Nei Menggu	2150-0115 0905-1605 C // 4620 6045, (= 7105). ID: "Nei Menggu Renmin Guangbo Diantai"	NOV04
A	4000,1	5	INS	RRI Kendari, CE	RRI Cabang Muda: 2100(Ramadan 2030)-0015 0750-1530v Bahasa Indonesia.	MAR05
A	4005	10	CVA	Vatican R, Vatican City	≈FS: 0330-0745 1700-2310 Various languages	APR05
A	4010	100	KGZ	Kyrgyz R 1, Krasnaya Rechka, Bishkek	≈0000-1900 Kyrgyz/Ru // 4795. Kyrgyz ID: "Bishkekden söylöbüz". Ru ID: "Govorit Bishkek". MF 0113-0120 0313-0320 E, MF 0607-0615 Uzbek, MF 1413-1417 G; Mo 1420-1500 Uighur,Mo 1510-1525 Azeri, We 1420-1450 Dungan, We 1535-1550 Korean, Th 1510-1530 Kurdish, Fr 1530-1550 Tatar, Mo 0330-0400 Ukrainian. Relays R Mir and R Jashtyk and 0200-0230 1600-1630 BBC in Ru, 1700-1730 DW in Ru	APR05
B	4052,5	0,65	GTM	R Verdad, Chiquimula	MF 1125-0600 S rlg. ID: "Transmite la Estación Educativa – Evangélica Rádio Verdad en 4.05 MHz, banda de 65 metros, desde el Monte Horeb y el Cerro de la Gloria en San Esteban, Chiquimula, Guatemala", n 4052.5	APR05
B	4190	50	CHN	China National R 8, Beijing	MS: 2100-2200 Korean, ID: "Chungang inmin pangsongkuk". 2200-2300 Mongolian, ID: "Djonyong ardyn radyo nibtrelhi"// 5420	DEC04
D	4220	50	CHN	Qinghai PBS, Xining, Qinghai	2225(Apr-Oct 2255)-0055 1055-1540 (Apr-Oct 1025-1520) Tibetan (Amdo dialect) // 5990 6500	MAY04
B	4330	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr 0000-0300 1200-1800 Kazakh // 6015, ID: "Sinkiang khale radyo stanshata", incl. CNR 8 MS: 1400-1500, poor modulation; (= 7340)	MAR05
A	4386,6	0,5	PRU	Imperio R, Distrito José Leonardo Ortiz, Chiclayo, Lambayeque	0845-0500 S rlg "La Voz de Salvación", n 4390	MAR05
A	4405	200	KRE	Voice of Korea, Pyongyang	FS: 0700-0355 Various languages to Asia	MAR05
B	4409,8	0,5	BOL	R Eco, Reyes, Beni	1100-1700 2230-0200 S	DEC04
A	4428	0,85	PRU	R Bambamarca, Hualgayoc, Cajamarca	0900-1200, 2300-0430 S. Sl: "Su frecuencia líder", d -4419,5	OCT04
B	4450	100	KRE	KCBS, Pyongyang	2200v-2220 1200-1700 Korean // 2850 (ID)	MAR05
A	4460	100	CHN	China National R 1 (=Zhongguo zhi Sheng), Beijing	2000-2330(Apr-Oct -2200) 0830-1732 C, ID: "Zhongyang Renmin Guangbo Diantai, Zhongguo zhi Sheng, China National Radio" and "Zhongguo zhi Sheng Guangbo Diantai" // 4800 5030 7935, (=9645)	APR05
C	4461	1	PRU	R Norandina,Celendín, Cajamarca	1030-1200 2300-0400v S, Sl: "Rádio Celendín", "Rádio Norandina el corazón de Celendín", "RNA, La poderosa estación radial", d -4463,8	JUN04
B	4486	0,5	PRU	R Frecuencia VH, Celendín, Cajamarca	0900v-0200v S, sl: "La Voz de Celendín", "Frecuencia VH , la inigualable", "RVC, Estación de amor"	MAR05
A	4500	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr: 0000-0330 1230-1800 Mongolian // 6190, ID: "Sinkiang ardyn radyo nibtrelhi", incl. CNR 8 MS: 1600-1700; (= 7230)	FEB05
B	4525	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-0040 0835-1630 Mongolian // 4785 6195, ID: "Ovor Mongolyn Ardyn Radio Khoroonoos yar'zh bayna" (Ovor Mongol = Nei Menggu = Inner Mongolia) (= 7270)	MAR05
C	4540	100	GEO	R Georgia, Dusheti	FS: ≈1615-1645 Armenian, 1700-1730 Azeri	FEB05
B	4600,3	0,2	BOL	Perla del Acre, Cobija	W 0900-1100, D 2130-0300 S	OCT04
A	4605	0,5	INS	RRI Serui, PP	RRI Cabang Pratama: 1958-2315 0845-1500v Bahasa Indonesia. RRI Jakarta nx 1200 1300. Ramadan extended schedule, (= 7289)	MAR05
B	4620	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-0115 0905-1630v C // 4000(ID) 6045; (= 7165)	JAN05
A	4635	30	TJK	Tajik R 1, Yangiyul	0430-1000 1400-0400 Tajik, 0400-0430 1000-1030 Ru, 1030-1100 Uzbek, ck 7245. Tajik ID: "In jo Dushanbe"	APR05

C	4649	1	LAO	R Nationale Lao, Xam Nua, Houa Phan Province	2300v-0130v 1000v-1230v Laotian/H' Mong/Khmu, relays Vientiane nx 0000-0030 and 1200-1230 // 6130, d 4648 – 4650,4	MAR05
A	4650,3	1	BOL	R Santa Ana, Santa Ana del Yacuma, Beni	1055-1700 1930-0330 S, n 4805	APR05
B	4684,6	0,2	BOL	R Paititi, Guayaramerín, Beni	1000-1900 2100-0100v S, prolonged schedule during soccer matches	APR05
C	4698,7	0,25	GTM	R Amistad, San Pedro La Laguna, Solola	1100 (Su 1130)-0200 S. Link over mountains to 0,025 kW 540 MW transmitter. Operated by the International Board of Southern Baptist Conference. Off April-September 2004 due to replacement of a power transformer. Poor modulation	OCT04
B	4716,7	1	BOL	R Yura, Yura, San Antonio de Quijarro, Potosí	1000-1200v & 2200-0200v* S/Quechoa, ID: "Esta es Radio Yura, La Voz del Ayllu", n 4715	APR05
B	4739,8	-	VTN	Son La R & TV station, Son La	2200-0100 0400-0600 1200-1400 Vietnamese/Vernacular, // 828 MW Vietnamese ID: "Viet Nam..... dai phat thanh truyen hinh Son La", alt. 4798v	MAR05
A	4746,8	0,3	PRU	R Huanta 2000, Huanta, Ayacucho	0900-1325v 2200-0130v S/Quechoa, S ID: "Esta es Rádio Huanta dos mil, 4755 kHz en Onda Corta, 1160 kHz Onda media, la esmeralda de los Andes", d 4746,4 - 4751,8	APR05
C	4750	100	CHN	China National R 1, Lingshi, Shanxi	2000-1732 (Apr-Oct: 2000-2300 0900-1732) C // 4460 (ID) 4800 5030 6050 7935, low modulation	APR05
A	4750	50	CHN	Qinghai PBS, Xining, Qinghai	HS 1: 2220(Apr-Oct 2200)-0200 (Su-0630) 0325-0600 0925-1505, C ID: "Qinghai Renmin Guangbo Dientai", E ID, // 6145 6260; relays China National R 1: 2230-2300 2330-2400 0030-0100	MAR05
A	4750	5	SDN	R Peace, "New Site" SE of Narus village, Nuba Mountains	0230-0430 1600-1745v E/ 6 Vn's, Christian rlg, E ID: "We are broadcasting on 4750 kHz in the 60 metre band. This is Radio Peace." Operated by EMC and R Free Sudan	APR05
B	4750	20	INS	RRI Makassar (ex Ujung Pandang), CS	RRI Cabang Madya: HS 1: 2100v-2400 0815-1600 Bahasa Indonesia // 9552,3. Ramadan extended schedule	MAR05
B	4754,4	10	B	R Educação Rural, Campo Grande, Mato Grosso do Sul	α(Oct-Feb) 24 h P, ID: "Bom dia, bom dia Campo Grande, estamos chegando na Rádio Educação Rural... Bom dia Matto Grosso do Sul!" Relays rlg px from Rede Milícia Sat. Antes. n 4755, d -4754,7	MAR05
B	4760	10	IND	AIR Port Blair, Brookshabad, Andaman & Nicobar Islands	Southern Sce: 2355-0300 1030-1700(SS -1730) E/Hindi/ Sanskrit/ Nicobarese/ Telegu/ Bengali/Tamil/Malayalam, E nx 2335(local) 0035 1230 1530, Hindi ID:"Yeh Akhasvani Port Blair-he". 0125-0130 Sanskrit, 1030-1100 Nicobarese, 1100-1130 Telegu, 1130-1200 Tamil, 1200-1230 Bengali. (= 7115)	APR05
B	4760	10	IND	AIR Leh, Kashmir	(Su 0100-) 0215-0430 1130-1630/1700 E/Hindi/Kashmiri. Hindi ID: "Akashvani Leh", E nx 0245, (= 6000)	FEB05
A	4760	1	LBR	ELWA, Monrovia	0600-0800 1800-2230v E/Vn rlg, r-2300*	APR05
A	4760	50	SWZ	TWR, Mpangela Ranch	FS: 1440-1700 P/Tshwa/Shangaan/Ndau	MAR05
A	4760	100	TJK	R Liberty via Yangiyul	FS: 0100-0200 1630-1700 Tajik	APR05
B	4761,7	-	BOL	R Guanay, Guanay, La Paz	r 1015-1050 & 2245-0330 S	MAR05
C	4763,3	-	BOL	R Chicha, Tocla, Nor-Chichas, Potosí	1015v-1700 2100-2400 S/Aymara, S ID: "Rádio Chicha, eco de bolivianidad", "Rádio Chicha, desde Tocla, en el departamento de Potosí, transmitiende en 4760 kilociclos, onda corta y 100,5 MHz FM"	MAR05
A	4765	10	B	R Emissora Rural, Santarém, Pará	0800-0300v P, ID: "Rádio Rural de Santarém"	APR05
A	4770	50	NIG	R Nigeria, Kaduna	Kaduna 2: 0430-2300 E/Hausa/Fulfulde/Kanuri/Nupe, N on the hour with E at 0500 1100 1600 1700 and 2255, at 1900 Fulfulde and Kanuri. ID: "NBC"	APR05
A	4775	1	B	R Congonhas, Congonhas, MG	[αOct-Feb] 0830-2400v P. Usually with Evangelical px	APR05
A	4775	50	IND	AIR Imphal	Northeastern Sce: 0025-0215 1030-1700 E/Hindi, E nx 0035 1225 (local nx), 1530, ID:"Akashvani Imphal", (= 7150), d -4770	MAR05
A	4775	0,5	PRU	R Tarma, Tarma, Junín	W 1000-1400 2000-0400, Su 1100-1400 2000-0400 S	APR05
A	4775	50	SWZ	TWR, Mpangela Ranch	FS: 0340-0600 Lomwe/E/G (Apr-Oct also 0600-0900 E)	APR05
C	4777	100	GAB	Rdif TV Gabonaise, Libreville	0530-0800 1500-2300 F, ID: "Radio Gabon"	FEB05
B	4780	100	DJI	Rdif.TV de Djibouti, Doraleh	Since 18 MAR 2005: 0300-0700(Fr -2002) 0900-2002 Somali/Afar and occ. A, Somali ID: "Hal Kani wa Radio Djibouti", Afar ID: "Ah Djibouti Radio", A ID: "Huna Djibouti"	APR05
A	4780	1	GTM	R Cultural Coatán, San Sebastián Coatán, Huehuetenango	1030v-1500 2200-0240v S/Chuj, ID: "Rádio Coatán", d -4779,8	MAR05
C	4781,4	3	EQA	R Oriental, Tena, Napo	MF 1000v-1500 2100-0300, SS 1100-1500 2200-0300v S; n 4780. ID: "Transmite Rádio Oriental en 4780 kHz banda de 60 metros y 1100 AM desde Tena, capital de Provincia de Napo, Ecuador." "Estan en sintonia de Rádio Oriental."	DEC04
D	4781,5	-	BOL	R Tacana, Tumupasa, Inturralde, La Paz	1000-0330 S, r-0300* Sa; d -4780,9	APR04
A	4782,4	100	MLI	Rdif. TV Malienne, Kati, Bamako	0555(Su 0655)-0758 1757-2400 F/E/Bambara/Senufo/Fulani/Soninke/ Malinke/Songhai/Tuareg/Dyula, E nx 1840(Su:1900) // 5995, d - 4787,8; ck 4835	APR05



C	4785	1	B	R Brasil, Campinas, São Paulo	⊘ [Oct-Feb] 0800-0200 P. ID: 'ZYG 857, emissora da Rádio Brasil, ondas tropicais de 4785 kHz'. Occ relays R Globo Network; d-4784,5 DEC04	
A	4785	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-0040 0805-1605 Mongolian // 4525 (ID) 6195; (= 7210)	FEB05
A	4785,1	10	B	R Caiari, Pôrto Velho, Rondônia	0900-1400 1900-0300 P, relays px from R Bandeirantes, SP	APR05
C	4788	1	BOL	R Emisora Ballivián, San Borja	1100-0200 S, n 4785	MAY04
C	4790	-	ARS	BSKSA, Jeddah	Spurious ½ x 9580 ! HS 2: 0256-0600 1630-2200v A	JAN05
A	4790	10	INS	RRI Fak-Fak, PP	RRI Cabang Pratama: 2000-0100 0930-1400v Bahasa Indonesia. Ramadan extended schedule	MAR05
A	4790	100	PAK	R Pakistan, Rewat, Islamabad	⊘Rawalpindi III (Azad (Our) Kashmir R): 0045v-0215 1445-1815v, Kashmiri/Urdu. During Ramadan -1845* or later. Kashmiri ID: "Hamara Kashmir". 1600-1630 E, d - 4790,8; ck 5027 (= 7267)	APR05
B	4790	10	PAK	R Pakistan, Rawalpindi III	⊘230-0425 1335-1430 Urdu	JAN05
C	4790	3	PRU	R Atlántida, Iquitos, Maynas, Loreto	0900(Su 1000)-0300 S. Relays R Exitos 106,5 FM	FEB05
A	4795	15	KGZ	Kyrgyz R 1, Krasnaya Rechka, Bishkek	⊘0000-1900 Kyrgyz/Ru/Uzbek/E/G/Ukrainian // 4010 (ID)	APR05
A	4795	50	RUS	Buryatskaya GTRK, Selenga, Ulan Ude, Respublika Buryatiya	⊘2158-1800v Local px in Ru/Buryat, exc. R Rossii Dubl 3: 2200-2210 2300-2310 1400-1500 Ru. Poor modulation	JAN05
B	4796,4	3	BOL	R Mallku, Uyuni, Potosí	0945-1100 2200-0015v Aymara, (Mallku = El Condor in Aymara), S ID: 'Desde el salar de Uyuni y para todo el sudeste potosino, transmite Radio Mallku en la frecuencia de 4795 kc banda tropical de 60 metros'; sl: "La Voz de los Ayllus"; n 4795, d - 4797,7	APR05
B	4799,8	1	GTM	R Buenas Nuevas, San Sebastián, Huehuetenango	0930-1430 2100-0230v S/Mam/Aguaotec/ Quiché/Jacalteq/Ch' ol, ID: "Desde San Sebastian, Huehuetenango Guatemala, transmite Rádio Buena Nuevas en la frecuencia ... autorizada de 4800 kc banda de 60 metros y 102.1 frecuencia modulada"; transmitter problems	APR05
A	4800	100	CHN	China National R 1, Ge'ermu, Qinghai	2000-2400 0800(Apr-Oct 1400)-1730 C // 4460(ID) 4750 5030 6950 7935 9890	APR05
A	4800	50	IND	AIR Hyderabad A	Southern Sce: 0020-0215 1145(Su 1140)-1745 E/Hindi/Telegu, E nx 0035 1230 1530 1730, ID: "Yeh Akhasvani Hyderabad", (= 7140)	APR05
A	4805	10	B	R Difusora do Amazonas, Manaus, Amazonas	0930-1330 1530-1800 2000-0100(irr -0400v) P	FEB05
A	4810	100	ARM	Public R of Armenia, Yerevan	FS: ⊘0430-0500 1345-1500 1600-1630 1745-1815 W 1845-1945 F/G/E // 9960 or 9965. Relays of HS: 0300-0430 0500-1345 1500-1600 1815-1845(Su -1945) 1945-2100 Armenian	APR05
B	4810	0,5	MEX	XERTA, R Transcontinental de América, Ciudad de México	⊘Fr 1030-Mo 0100 S. Also ID in E and F	FEB05
B	4814,9	1	EQA	R El Buen Pastor, Loma de Carbocillo, Saraguro, Loja	1000v-1600 2100-2300 Quichua, ID:"Radio Alli Michic", 1400-1600 2300-0355 S, n 4815	MAR05
B	4815	10	B	R Difusora Londrina, Paraná	[⊘Oct-Feb] 0755(Su 0900)-0300v P Evangelical px	APR05
A	4820	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1730 exc. Tu 0600-1000 C // 5935, 6050 7170 7240, ID:"Xizang Renmin Guangbo Dientai". Relays CNR 1: MF 2030-2100, D 2230-2300 0030-0100 1030-1100, 2330-2400 1200-1230 E language lesson	MAR05
A	4820	50	IND	AIR Kolkata A	Eastern Sce: 0025-0210 1230-1830v Bengali/E/Hindi, E nx 0035 1230 1530 1730, (= 7210)	APR05
B	4824,4	10	PRU	La Voz de la Selva, Iquitos	W 1000v-0300, Su 1100-1700 S rlg, ID: 'La Voz de la Selva, de Lunes a Viernes'	MAR05
B	4825	10	B	R Canção Nova, Cachoeira Paulista, São Paulo	[⊘Oct-Feb] 24 h P rlg px // 6105 9675 and R Gazeta, DX-mailbag "Além Fronteiras" Sa 2200-2300 with E IDs	MAR05
A	4825	5	B	R Educadora, Braganca, Pará	0830-0200 P, r -0100*	APR05
B	4826,4	15	PRU	R Sicuani, Sicuani, Cusco	0900v-2300 S, 2300-0300v S/Quechoa, rlg, sl:"La Voz de Canchis", n 4835, d - 4826,5. Off December 2004 - February 2005	APR05
B	4830	15	CHN	China Huayi Broadcasting Corporation, Chengdu, Sichuan	2230-2400 1400-1700 C/Amoy, ID: "Zhonggou Huayi Guangbo Gongsi", E ID: "CHBC, CHBC, CHBC, Radiooooo", "This is FM 99.6 107.1" (99.6 and 107.1 MHz); (= 6185)	MAR05
B	4830	50	IND	AIR Jammu, Kashmir	0025-0445 1030-1100 1130-1745v Hindi/Urdu/Kashmiri/Sindhi/E, ID: 'Radio Kashmir'. E nx 0245; (= 5965)	APR05
A	4830	10	MNG	Mongolian National R, Altay	HS 2 (Höh tenger" = Blue Sky): ⊘[Apr-Sep] 2200-1600 Mongolian, exc. Mo/We/Fr 0750-0800 Ru nx, to SW Mongolia // 4895 7260. ID: "Laigu Höh tenger", "Ullaanbaataaras yaridz baina"	APR05
C	4830	10	VEN	R Táchira, San Cristóbal, Táchira	1100-1400 2000-0100 S, mostly off the air	OCT04
D	4832	1	HND	R Litoral, La Ceiba	HRLW: 1100v-1600 0200-0500v S rlg, exc SS 0400-0500 E, 2200-2400 Miskito, 0000-0200 Garifuna. Operated by Mission Christian Fellowships in Honduras, S ID: "Esta es Rádio Litoral transmitiendo desde la ciudad de La Ceiba en 4830 kc, banda internacional de 60 metros", d- 4830, n 4830	JUN04
A	4835	50	AUS	VL8A, Alice Springs	2130-0830 E, Northern Territory Sce, incl. CAAMA R and ABC px, (= 2310). In Nov 2004: 24 h replacing 2310.	APR05

D	4835	100	MLI	Rdif. TV Malienne, Kati, Bamako	0555 (Su 0655)-0758 1759-2400 F/Vn // 4782,4v(Cf Vn) 5995.	
B	4835,4	1	PRU	R Marañon, Jaén, Cajamarca	Weekly E nx: Sa 1900v. Poor modulation and Off since DEC 2004	NOV04
C	4839,9	15	CHN	Heilongjiang PBS, Harbin, Nei Menggu	W 0900-0300(Sa -0200), Su 1100-1800 S. Off NOV03-MAR04	MAR05
A	4840	50	IND	AIR Mumbai B	News Sce: 2055-1500 C, ID: "Heilongjiang Renmin Guangbo Diantai" // 7350	DEC04
B	4845	1	B	R Meteorologia Paulista, Ibitinga, São Paulo	Western Sce: 2355 (Apr-Oct 0015)-0400 1230-1730 E/Hindi/ Marathi, E nx 1430, (= 7240)	APR05
C	4845	-	BOL	R Municipal, Caranavi, La Paz	[æOct-Feb] 0700-2300 P, relays R Ternura FM	APR05
C	4845	0,03	COD	R Tangazeni Kristo (RTK), Aru (near Uganda)	0900-0200v S/Aymara, ID: "Rádio Municipal, Sistema de Comunicación Comunitaria Municipal de Caranavi." Fq allocated to R Fides	MAR05
A	4845	100	MTN	R Mauritanie, Nouakchott	0330-0515, MF 1400-1930, SS 1155-1930 Local languages/ Swahili/ F/ E. Operated by Communauté Evangélique au Centre de l' Afrique (CECA-20) and Die Gute Nachricht für Afrika (DIGUNA)	SEP04
A	4845,2	-	B	R Cultura Ondas Tropicais, Manaus, Amazonas	0630-0830v 1700-0100v F/A/ Wolof/Soninké. F nx 1900. During Ramadan : 1200-0800v (some days -0200). F ID: "Ici Nouakchott, Radio Mauritanie émettant de Nouakchott. A ID: "Hunna Nouakchott iza' at gumhuriyati al Islamiyya al mauritaniaya, (= 7245), shift to 7245 varies between 0800 and 0900	APR05
B	4850	50	IND	AIR Kohima A	1000-0200( occ. -0300v) P	APR05
C	4850,6	100	PAK	R Pakistan, Rewat, Islamabad	Northeastern Sce: 0000-0415 1000-1600 E/Hindi/Vn, E nx 1135(local) 1230 1530 (= 6065)	JAN05
A	4856	3	PRU	R La Hora, Cusco	Nov-Mar: FS 1330-1400 Turki to Afghanistan. Very distorted	FEB05
A	4860	50	IND	AIR Delhi A, Kingsway	W 1000-1500 1700-0100, Su 1100-1700 S/Quechoa, d 4854,5-4856,1. Spurious signals also heard on 4960,4 and 5062,3	APR05
A	4865	5	B	R Alvorada, Londrina, Parana	Northern Sce: 0025-0440 E/Hindi/Kashmiri/Punjabi /Urdu, E nx 1230, 1730, Hindi nx 1235,Sanskrit nx 1240, Forces Px: 1245-1325. Also FS: 1330-1430 Nepali, 1430-1930 Urdu; ck 3365(ID), (= 6190)	APR05
B	4865	5	B	R Verdes Florestas, Cruzeiro do Sul, Acre	[æOct-Feb] 24 h P, Catholic networks: Rede Mariana de Evangelizacao, ID: "Rádio Difusora de Londrina"	APR05
C	4865	5	B	R Missões da Amazônia, Óbidos, Para	1030-1230 2100-0100 (Su-0200) P, rlg stn, ID: "940 kHz OM e 486 5 kHz onda tropical, Rádio Verdes Florestas, pertencente à Fundação Verde Floresta, Acre, Brasil"	JAN05
B	4865	4	BOL	R Centenario, Santa Cruz de la Sierra, Santa Cruz	0900-0200 P/Guarani	JAN05
B	4869,9	5	EQA	R Dif. Catolica Cultural, Macas	0900v-0100v (SS 1100-2300) S and occ. Aymara, rlg. Sl: "La Nueva"	JAN05
C	4870	10	INS	RRI Wamena, PP	1000-1230 2230-2300 S, ID: "Rádio Difusora Catolica Cultural – Voz del Upano", relays R Maria px	MAR05
C	4870,9	10	INS	RRI Sorong, PP	RRI Cabang Pratama: 2015-2315 0800-1400 Bahasa Indonesia, ID: "RRI Wamena programa satu". Off April - July 2004	FEB05
A	4874,8	10	BOL	R La Cruz del Sur, La Paz	RRI Cabang Muda: 2130v-2300 0930-1200v (Fr/Sa -1100) Bahasa Indonesia, E Su 1130-1200. Ramadan 0845-1400 only; (= 9743,7)	MAR05
A	4875	10	B	R Difusora, Boa Vista, Roraima	2130-0100v S/Aymara/Quechoa, r 1945 football; low audio	MAR05
A	4875	100	GEO	R Hara, via Dusheti	0800-0400, sometimes 24 h P, ID' s: "Radiodifusora de Roraima", "A Rádio Roraima è demais", d -4876,4	APR05
A	4880	50	IND	AIR Lucknow A	æ Tue/Fri 0600-0630, Mo/Th 1800-1830 Abkhazian to Abkhazia. Produced by the Institute of Georgian-Abkhazian Relations, Tbilisi (non political).	MAR05
A	4885	5	B	R Clube do Pará, Belém, Pará	Northern Sce: 0025-0400 1215-1741 E/Hindi, E nx 0035 0245 1530 1730, (= 7105)	APR05
A	4885	5	B	R Dif. Acreana, Río Branco, Acre	0800v-0500v (Su and during Carnival 24 h) P, ID: "Rádio Club de Belém do Pará". Sometimes relays R Bandeirantes	APR05
C	4885	1	B	R A Voz do Coração Inmaculado, Anápolis, Goiás	0855-0500 (Su -0300) P, sl: "A estação primeira", "AVoz das Selvas"	MAR05
C	4886,6	0,6	PRU	R Virgen del Carmen, Huancavelica	[æOct-Feb] 0800-1200 2000-0300 P rlg // 770MW	MAR05
A	4890	250	GAB	R France International, Moyabi	1000-1500 2200-0100 S/Quechoa, S ID: "Esta en sintonia de Rádio Virgen del Carmen, en 105 MHz FM y 4885 kHz onda corta, Rádio RVC, Voz y Sentimiento de Huancavelica."	SEP04
B	4890	100	PNG	NBC, Port Moresby	RFI Plus Afrique: 0400-0500 F // RFI 3965 9790	APR05
C	4890,1	-	PRU	R Macedonia, Arequipa	Karai (National) Sce: 1900v-2200v 0700-1200v E/Tok Pisin, sl: " Karai National Radio Voice of Papua New Guinea", "Voice of the Nation", ck 9675. E nx 2000, relays 90.7 FM. Relays R Australia: 0930-1000 1900-2000 E // 6080	APR05
					r 0210-0945 S rlg, operated by Igreja Batista, the Macedonia World Baptist Missions Inc. and the Crown College of the Bible, Powell, TN, USA. Mostly off the air.	SEP04

B	4890,3	1	PRU	R Chota, Chota, Cajamarca	1100-0230v S, sl: "Voz y Sentimiento Andino"	DEC04
C	4895	5	B	R Baré, Manaus, Amazonas	2000-1100 P, ID: "ZYF 270, Rádio Baré, transmitindo em ondas tropicais na frequência de 4895 kHz em 60 metros, Manaus, Amazonas, Brasil"	OCT04
A	4895	50	IND	AIR Kurseong	Northeastern Sce: 0055-0400 1130-1700 (SS-1741) E/Hindi, E nx 1230 1530. Relays some West Bengal px from AIR Kolkata. (= 7230)	APR05
D	4895	10	MLA	RTM, Kuching-Stapok, Sarawak	Green Network: 2200-0100 1030-1600 Iban, sl: "Radio Kitai"; 0800-1000 Kayan/Kenyah // 6050 7270 after 0800, 1000-1030 Malay; relays R1 nx in Malay 0900 1300	OCT04
A	4895	10	MNG	Mongolian National R, Murun	HS 2: 2200-1600 Mongolian to NW Mongolia // 4830(ID) 7260	APR05
A	4900	1	BOL	R San Miguel, Riberalta, Beni	W 0900v-0300v, Su 1000-0200 S catholic px, sl: "La Voz de la Selva" and "La Voz del Vicariato Apostólico de Pando", d 4899,9 – 4917,6	APR05
B	4900	50	CHN	Voice of the Strait, Fuzhou, Fujian	Nov-Mar: 2225-1700 (exc. We 0400-1000) Amoy, ID: "Haixia zhi Sheng Guangpo Dian tai" // 6115	FEB05
B	4905	1	B	R Anhanguera, Araguaína, Tocantins	[20Oct-Feb] 24 h P, relays "Araguaína F M" and "Rede Somzoomsat, Fortaleza"	APR05
C	4905	5	B	R Nova Relógio, Rio de Janeiro	[20Oct-Feb] 0730-0300 P rlg with time checks in background, sl: "Nossa Rádio", d -4920	SEP04
A	4905	50	CHN	Xizang PBS, Lhasa, Tibet	2100-1800 (not Tu 0600-1000) Tibetan, exc. W 1630-1650 E, and relays of CNR8 MS: D 2300-2400 0400-0500 1300-1400 Tibetan // 4920 5240 6130 7375 7385. E ID: "This is Holy Tibet, China Tibet People's Broadcasting Company"	APR05
C	4909,3	-	EQA	R Chaskis, Otavalo, Imbabura	r tests 0000-0235 S/ Quichua since 11 April 2005	APR05
A	4910	50	AUS	VL8T, Tennant Creek	2130-0830 E, Northern Territory Sce, incl CAAMA R and ABC px, (= 2325)	APR05
A	4910	50	IND	AIR Jaipur A	Northern Sce: 0025-0430 1130-1741 E/Hindi, E nx 0245 1530 1730, (= 7120)	APR05
A	4910	100	ZMB	ZNBC, Lusaka	R 1, African Sce: 0256v-0515 1430v-2210 Tonga/Bemba/Nyanja/Kaonde, (= 5915)	APR05
B	4915	10	B	R CBN Anhanguera, Goiânia, Goiás	[20Oct-Feb] 0900-0300 P, mostly local and regional px with much Sertaneja music, but sometimes also relays CBN Network, ck 6080 11830; r -0200*	APR05
A	4915	10	B	R Difusora, Macapá, Amapá	24 h P, ID: "Rádio Difusora de Macapá AM"	APR05
A	4915	50	GHA	GBC Accra	R 1: 0525-0915 1200-2400, SS also 0915-1200 E/Akan/Ewe/Dagbani/Ga/Hausa/ Nzema, // 3366/6130 for E nx 0600 0700 0900, SS 1100, D 1300 1400 1800, MF 1900, D 2000 2200; sl: "Station of the Nation"	APR05
B	4915	10	KEN	Kenya BC, Langata	Eastern Sce: MF 0900-1100 Burji, 1100-1300 Rendille, 1300-1500 Borana, 1500-1700 Turkana, 1700-1900v (occ. to 2000) Somali. Ann: "Central Service", ID: "KBC"	MAR05
A	4919	12	EQA	R Quito, Quito	24 h S, sl: "La Voz de la Capital"	APR05
B	4919,9	0,75	INS	RRI Biak, PP	RRI Cabang Muda: 2000-0030 0730-1500 Bahasa Indonesia. Ramadan extended schedule. d -4919,6. Modulation problems and Off June-September 2004	MAR05
A	4920	50	CHN	Xizang PBS, Lhasa, Eastern Tibet	2100-1800 Tibetan, exc. E nx and relays of CNR8 Tibetan // 4905(ID + relays) 5240 6130 7375 7385	APR05
A	4920	50	IND	AIR Chennai A	Southern Sce: 0015-0245 1200-1740v E/Hindi/Tamil, E nx 0035 1230 1530 1730, Delhi FS 1200-1230 Tamil, (= 7160)	APR05
C	4925	0,5	B	R Difusora, Taubaté, São Paulo	[20Oct-Feb] 24 h P	FEB05
A	4925	5	B	R Educação Rural, Tefé, Amazonas	1000-1530 2000-0230v P Evangelical px	APR05
B	4925	10	INS	RRI Jambi, SJ	RRI Cabang Muda: 2200(Ramadan 1900)-0200 (Su -0700), 0800-1600v Bahasa Indonesia	APR05
A	4930	100	BOT	VOA, via Moepeng Hill	FS since Feb 2005: 0300-0800 1600-2200 E/Vn // 4960 9775	APR05
A	4930	50	TKM	Türkmen R, Asgabat	HS2 "Car Tarapdan": 0100-0400 0700-0900 1400-1700, HS3 "Miras": 0400-0700 0900-1400 1700-2300 Turkmen, ID: "Miras Radioýaýlymy" (Miras = Heritage); E nx 1630-1645	APR05
C	4935	1	B	R Capixaba, Vitória, Espírito	24 h P. Was Off August 2004 - February 2005	MAR05
B	4939,6	1	VEN	R Amazonas, Puerto Ayacucho, Orinoco Province	1000v-0330v, sometimes 24 h S, sl: "Radio Amazonas - Ritmo se siempre escucha", sl: "La Voz del Pueblo". Poor audio	APR05
B	4940	50	CHN	Voice of the Strait, Fuzhou, Fujian	Nov-Mar: 2225-2400 1200-1700 C, exc. SS 1430-1500 E	APR05
B	4940	50	IND	AIR Guwahati	Northeastern Sce: 0015-0415 1200-1741 E/Hindi/ Assamese, E nx: 0035 0245 1530, (= 7280), ID: "Akashvani Guwahati"	MAR05
A	4940	1	PRU	R San Antonio, Villa Atalaya, Ucayali	1000-1200 2300-0200v S rlg, n 4940, d -4939,7	JUL04
A	4940	100	STP	VOA via Pinheira	FS: 1800-1830 1900-2100 E/Hausa, ex 4950 since August 2004	APR05
A	4940	100	TJK	Voice of Russia via Yangiyul	FS: 21300-1500 1600-1700 // 4965 4975	DEC04
B	4944,9	1	B	Emissora Rural, Petrolina, PE	0800-0300v P rlg, ID: "Rádio Rural", sl: "A Voz de São Francisco"	DEC04
B	4945	1	B	R Difusora, Poços de Caldas, MG	[20Oct-Feb] MF 0800-0400 (SS - 0200) P	APR05

A	4950	15	AGL	R Nacional de Angola, Mulenvos, Luanda	Canal A: 24 h P, Night Px: "Boa Noite, Angola!"	APR05
B	4950	15	CHN	Voice of Pujiang, Shanghai	1200-1600(Apr-Oct -1605) Wu (= Shanghai dialect of C)/ Amoy // 3280 (ID) 5075	MAR05
A	4950	50	IND	AIR Srinagar B	Northern Sce: 0120-0215 1130-1740v E/Hindi/Urdu, E nx 1530 1730, during Ramadan also 2315-0005. ID:"Radio Kashmir, Srinagar", (= 6110)	APR05
A	4950	5	PRU	R Madre de Dios, Puerto Maldonado	1000(Su 1100v)-0200 S, rlg, sl: "RMD", d - 4950,2; n 4950	APR05
C	4955	100	PAK	R Pakistan, Rewat, Islamabad	Nov-Mar: Haya Allal Falah: 0045-0200, Urdu nx: 0200-0215, 1350-1400 Balti nx, 1420-1428 Sheena nx. Also FS to Afghanistan: 1445-1515 Pashto, 1515-1545 Dari // 5860; ck 6075 6780	JAN05
A	4955	5	PRU	R Cultural Amauta, Huanta, Ayacucho	W 1000-0100, Su 1000-1500 2100-2400 S/Quechoa rlg, S ID: "Radio Cultural Amauta en los 4955 onda corta y 99.9 FM Stereo.."	APR05
B	4960	5	EQA	R Federación Shuar, Sucua, Morona Santiago	0830-1300 2100-0100v Shuar / S, ID: "...publicar el presente acuerdo por la emisora de la Radio Federación Shuar...", "esto viene con mas sabor, al estilo de Radio Shuar"	AUG04
B	4960	50	IND	AIR Ranchi, Jharkhand State	Eastern Sce: 0025-0410 1130-1740 E/Hindi, E nx 0245 1530 1730, ID: "Ye Akashvani Ranchi hai", (= 5985). Poor modulation	APR05
A	4960	1	PNG	Catholic R Network, Vanimo	24 h E/Tok Pisin rlg since 04 June 2004	MAR05
A	4960	100	STP	VOA via Pinheira	FS: 0400-0630 E/Hausa/F	MAR05
C	4965	5	B	R Alvorada, Parintins, AM	0900-0200 P	JUN04
A	4965	-	PRU	R Santa Mónica, Cusco	0900-0300 S // 1370 MW and 93.7 FM	FEB05
A	4965	100	TJK	Voice of Russia via Yangiyul	FS: 1300-1500 1600-1700 // 4940 4975	FEB05
A	4965	100	ZMB	Christian Voice, Lusaka	1600-0500 E rlg, ID: "Radio Christian Voice", (= 9865)	APR05
B	4970	50	IND	AIR Shillong, Mawgrong	Northeast Sce: 0025-0400 1055-1630 E/Hindi, E nx 0245 0300 (Shillong) 1135 1530, ID: "This service is coming to you from the North Eastern Service of All India Radio, Shillong", (= 7130)	MAR05
B	4974,8	5	PRU	R del Pacífico, Lima	2300-1400 S/Quechoa, sl: "Pacífico Rádio"	FEB05
C	4974,9	10	CHN	Fujian PBS, Fuzhou, Fujian	News Sce: 2255-2330 0955-1030 C // 5040	JAN05
C	4975	1	B	R Mundial, Osasco, SP	[10Oct-Feb] 24 h P, relays of R Mundial FM, São Paulo. Operated by CBS Network	APR05
A	4975	100	TJK	Voice of Russia via Yangiyul	FS: 1300- 1500 1600-1700 // 4940 4965	JAN05
A	4976	10	UGA	R Uganda, Kampala	Red Channel: 0300-0545 1300-2100 E/Swahili/Ganda/Nkole/Chiga/Gisu/Lango/ Teso. E nx 0400 1000 1700 1900 (= 7195)	APR05
A	4980	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr: 2330-0300 1200-1800 Uighur // 3990(ID) 6120 7195, incl. CNR 8 MS: 1500-1600 // 7120(ID) 9420 9440; (= 11885)	APR05
C	4982	-	BLR	Minsk utility station (USB)	Apr-Oct: Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occasional voice communications, // 5134	OCT04
A	4985	10	B	R Brasil Central, Goiânia, Goiás	[10Oct-Feb] 0700-0300 P // 11815. Sometimes 24 h	APR05
B	4990	10	CHN	Hunan PBS, Changsha, Hunan	Nx px: 2130-1700 exc. Tu 0500-0900 C, ID: "Hunan renmin kwangpo dientai"	DEC04
B	4990	50	IND	AIR Itanagar	Eastern Service: 0020-0400 1000-1630 E/Hindi, E nx 0245 0300(Shillong) 1530, (= 6150), d -4999	FEB05
B	4990	1	SUR	R Apintie, Paramaribo	24 h Dutch exc W 1900-2100, Su 1800-1930: Sarnami Hindi/Javanese, E sl: "Right now and in the future, Radio Apintie, in command on the FM band; Radio Apintie, in command on the AM band; Radio Apintie, in command on the SW band; Radio Apintie – Number One."	APR05
C	4990,9	5	PRU	R Ancash, Huaraz, Ancash	24 h S/Quechoa, S ID: "Rádio Ancash... desde el centro del Perú para todo el Perú y América.", n 4990. Low modulation	MAR05
A	4995	100	TJK	R Liberty via Yangiyul	1500-1600 Kazakh	FEB05
B	4995,6	2	PRU	R Andina, Huancayo, Junín	1000-0300v(Tu-Su 0400) S/Huanca (= Quechoa dialect), S ID: "Amigos oyentes que escuchan a Rádio Andina."	APR05
B	5005	50	GNE	R Nacional, Batá	0400v-2200v* S/Bubi/Fang, ID: "Rádio Batá"	APR05
B	5005,4	5	NPL	R Nepal, Khumaltar	Su-Fr 2315-0515 0800-1715, Sa 2315-1715 Nepali, ID:"Yo Nepal-ho", "Radio Nepal", E nx 0215 1415; ex 100 kW	APR05
B	5005,8	1	PRU	Rádio LTC, Juliaca, San Román, Puno	1000-1300 0000-0200 (SS 1100-1900) S/Quechoa. LTC = Owner: Leoncio Torres Coalla. ID: "LTC Rádio", "Rádio LTC", "LTC Noticias" and "LTC Juliaca"	DEC04
A	5010	50	IND	AIR Thiruvananthapuram (ex Trivandrum), Muttathura	Southern Sce: 0020-0215 1145(Su 1130)-1735 E/ Hindi/Malayalam, Hindi ID:"Akashvani Thiruvananthapuram", E nx 0035 1530 1730, (= 7290)	APR05
A	5010	100	MDG	R Nat. Malagasy, Antananarivo	HS 1: 0256v-0500 1500-1900 (SS -2100) F/Malagasy // 3287,7. Ck 6135 7105	MAR05
C	5014,5	0,5	PRU	R Juliaca, Juliaca	0900-0300 (Su-2300) S rlg	DEC04
A	5014,6	5	PRU	R Altura, Cerro de Pasco, Pasco	1000v(Su 1100)-0400v S/Quechoa, S ID: "Esta es Rádio Altura en los 5.010 kHz de la banda de 60 metros, desde Cerro de Pasco, Perú"	APR05

B	5015	1	B	R Pioneira, Teresina, Piauí	24 h P with own px: MF 0800-0200. Else relays of R Aparecida	APR05
A	5015	20	TKM	Türkmen R, Asgabat	HS1 "Watan"( = Country) 2045v-1900 Turkmen, exc. E nx: 1500-1510, ID: "Watan Radioýaýlymy"	APR05
A	5019,9	5	PRU	R Horizonte,Chachapoyas, Amazonas	1030-0130v S rlg, ID: "Horizonte, la Radioooooo..."	MAR05
B	5019,9	6	SLM	SIBC, Honiara	1900-1253 E/Pidgin, sl: "Radio Happy Isles". Relays BBC 1253-1900 E, n 5020	MAR05
B	5025	50	AUS	VL8K, Katherine	2130-0830 E, Northern Territory Sce, incl. CAAMA R and ABC px, (= 2485)	APR05
A	5025	10	BEN	ORTB, R Regionale, Parakou	Reg.Sce: MF 0500-0800 1100-1400 1700-2300, SS 0600-2300 F/Yoruba/Bariba/ Adja/Boko/Wama/Dendi/Mina/Takoue, F ID: "Vous êtes a l' écoute de Radio Bénin", r E nx: Su 2035; at times relays Cotonou // 7210,3	MAR05
B	5025	10	CUB	R Rebelde, Bauta	24 h S, ID: "Rádio Rebelde, la emisora de la revolución cubana"; ck 6120 6140 9600 11655	APR05
B	5025	5	PRU	R Quillabamba, Quillabamba, Cusco	1000v-0300 S/Quechoa rlg, S ID: "El noticiero estelar a través de Radio Quillabamba, el centro de comunicación social del valle de la Convención."	SEP04
A	5025	100	UZB	R Tashkent, Toshkent	FS: 0230-0330 1530-1630 1730-1830 1935-2100 2130-2200	APR05
B	5026	10	UGA	R Uganda, Kampala	Blue Channel: 0300-0545 1300-2100 E/Ganda/Nkole/Chiga/Gisu/Lango/ Teso.E nx // 4976: 0400 1900, (= 7110)	FEB05
A	5027	10	PAK	R Pakistan, Quetta	Reg.Sce: 0045-0404(Fr 0345) 1200-1805v Urdu/E, at times relays Rawalpindi III // 4790, n 5025, d -5000, (= 7155)	MAR05
A	5030	100	BFA	Rdif TV Burkina, Ouagadougou	0530-0800 1700v-2400 F/Mossi/Dyula/Fulani/Gurma/Sanifo/Turaeg, F nx 0630 MF, 1900 2200, E nx 1920v, ID: "Radio Burkina", "RTB". (= 7230). Alt. fq: 4815	APR05
A	5030	100	CHN	China National R 1, Beijing	2000-2300 1000-1732 C // 4460 (ID) 4800 7130 7935 11710 (= 9675)	APR05
A	5030	20	CTR	University Network, Cahuita	FS: 1800-0900 E // 6150	APR05
C	5030	10	MLA	RTM, Kuching-Stapok, Sarawak	Blue Network: 2200-2400(Su 0100), 1000-1600v Bidayuh. ID: "BTVM, Kuching"; relays R1 n x in Malay 1300, ck 7130. Off January -November 2004	MAR05
C	5030	5	PRU	R Los Andes, Huamachuco, La Libertad	1100-1300 1730-1930 2300-0100v S, ID:"Transmite Radio Los Andes en los 1030 kHz onda media, 5030 kHz onda corta en la banda internacional de los 60 metros y 103.1 MHz en frecuencia modulada desde Huamachuco, capital de la Provincia de Sanchez Carrion, Departamento de La Libertad, Republica del Peru", d- 5029.1	MAY04
A	5035,1	10	B	R Aparecida, Aparecida, SP	0845v-0200v P rlg // 6135 9630 11855, n 5035	APR05
C	5035,1	5	B	R Educação Rural, Coarí, AM	0900v-0230 P rlg	DEC04
C	5039,2	1	PRU	R Libertad, Junín, Junín	1115v-1500 1900-0200(Su 0100) S, ID: "Por su Rádio Libertad"	MAR05
C	5039,9	10	CHN	Fujian PBS, Fuzhou, Fujian	News Sce: 2255-2330 0955-1030 C // 4975	MAR05
C	5040	10	EQA	R Difusora Católica Cultural, Macas, Morona Santiago	Px "A": 1045-1300 2200-0330 S/Shuar, sl: "Voz del Upano" // 5999,3	JAN05
B	5040	-	HRV	Hrvatski R, Deanovec	Spurious signal 6165 - 1125 = 5040: 0500-2400 Croatian // 1125MW and often also // 6165	APR05
A	5040	50	IND	AIR Jeypore, Orissa	Eastern Sce: 0025-0400(Sa 0545v, Su 0445) 1130(Su 1030)-1744 E/Hindi, E nx 0245 0335 1230 1430 1530 1730. (= 6040)	APR05
A	5040	50	UZB	R Tashkent, Toshkent	FS: Nov-Mar: 1330-1500, ck 5060	PPPPP
B	5040,4	50	BRM	R Myanmar, Yangon, Yegu	Minorities px: 0930-1530v Bamar and other ethnic languages	MAR05
B	5045	1	B	R Guarujá Paulista, via R Presidente Prudente, São Paulo	[0ct-Feb] 24 h P // 1550 MW 3385 5930. DX px Sa 2330-2400, ID: "Nas ondas curtas da Guarujá"	MAR05
D	5050	1	AUS	ARDS Radio, Humpty Doo, (near Darwin)	24 h E/Yolngu Matha languages. ARDS = Aboriginal Ressource and Development Services Inc. Off since May 2004 Antenna problem	APR04
B	5050	50	CHN	Voice of the Strait, Fuzhou, Fujian	Literary and Life Channel: 2225-2400 1400-1700 C, ID: "Haixia zhi Sheng Guangbo Diantai"; (= 7280)	JAN05
B	5050	15	CHN	Guangxi FBS, Nanning, Guangxi	2300-0100 1000-1200 1400-1600 Vietnamese, 1200-1400 Cantonese // 9820	MAR05
B	5050	10	IND	AIR Aizawl	Northeastern Sce: 0025-0400 1130(Su 1030)-1630/1700 E/Hindi, E nx 0035 0300(Shillong) 1135 1230 1530, (= 7295)	DEC04
A	5050	100	USA	WWRB, Manchester,Tennessee	FS: 0100-0700 E, occ. S px, ck 5085	APR05
A	5050,1	10	TZA	R Tanzania, Dar es Salaam	National Sce: 0157-2100 Swahili // 6105	APR05
B	5055	1	B	R Difusora, Cáceres, MT	[0ct-Feb] 0900-0400 P rlg (Church Igreja Apostólica)	DEC04
B	5055	5	B	R Jornal A Crítica, Manaus, AM	1000-1200 2100-0100v P	SEP04
A	5060	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr 2330-0300 1200-1800 C // 3950(ID) 5960 7310 (= 11770)	APR05
A	5060	50	UZB	R Tashkent, Toshkent	FS: Nov-Mar: 1200-1500, Apr-Oct 1330-1500	DEC04
C	5066,3	10	COD	La Voix du Peuple, Bunia	0400-0700 1300-1600v F/Swahili/Lingala, also ID: "Radio Candip", "Radio Soleil", "Radio Bunia". Operated by the Hema tribe Union of Congolese Patriots (UPC) which is hostile to the Tutsi tribe	FEB05
A	5070	100	USA	WWCR, Nashville, Tennessee	FS: 2200(Mar-Oct 2300)-1300 E	APR05

C	5070,7	1	PRU	R Ondas del Suroriente, Quillabamba, Cusco	1000-0300 S, relays Lima' s RPP nx & px "La Voz de la Liberación", also ID: "Rádio Suroriente"; ex 5121	MAR05
B	5075	50	CHN	Voice of Pujiang, Shanghai	Nov-Mar: 1200-1600 Wu (= Shanghai dialect of C) // 3280 (ID) 4950	MAR05
C	5080,3	100	PAK	R Pakistan, Rewat, Islamabad	Current Affairs: 0200-0400 1300-1800 Urdu exc. E nx 1600, ex 6226	MAR05
A	5085	100	USA	WWRB, Manchester, Tennessee	FS "Worldwide Radio Broadcasting": 0100-0700 E, ck 5050	APR05
C	5105	50	USA	WBCQ, Monticello, Maine	2100-0300 E (4 <sup>th</sup> Service)	APR05
C	5134	-	BLR	Minsk utility station (USB)	Apr-Oct: Random relays of local FM stations in BLR (state-run or private) or relays of Russian stations via satellite + occ. voice communications, // 4982	AUG04
A	5240	50	CHN	Xizang PBS, Eastern Tibet	2100-1800 Tibetan/E // 4905(ID + relays) 4920 6130 7375 7385	APR05
B	5384,2	0,3	PRU	R Huarmaca, Huarmaca	MF 1200-1600 2100-0100, SS 1200-0400v S	MAR05
B	5400	1	ARG	LTA, Argentine Armed Forces, Buenos Aires	r 0100-1100 S (LSB) relaying e.g. R Continental	SEP04
B	5420	50	CHN	China National R 8, Beijing	MS: 2100-2200 Korean, 2200-2300 Mongolian // 4190 (IDs), 1200-1300 Mongolian // 9610	MAR05
C	5428	0,3	J	NHK, Osaka 2 (USB)	2030-0300 0500-0730 Japanese, 2100 local px	NOV04
A	5446,5	8	USA	AFRTS, Boca-Chica, Key West, Florida	2300v-1100v E (USB) // 7507; ex 12689. Ck 12135	MAR05
B	5460,3	-	PRU	R Emisora Bolivar, La Libertad	1000-1300 2200-0300v S, ID: "Rádio Bolivar", "La Voz de Bolivar", ID: "... Desde la hermosa ciudad de Bolívar, transmite Radio Bolívar frecuencia internacional en los 5,460 Mhz onda corta banda tropical de los 60 metros transmite para Perú, América y el mundo...", n 5460	FEB05
B	5470,8	0,5	PRU	R San Nicolás, San Nicolás, Rodriguez de Mendoza, Amaz.	1100-1600 2130-0130 S, n 5470	OCT04
B	5486,7	0,06	PRU	La Reyna de la Selva, Chachapoyas, Amazonas	r 0930-1210, 2245-0300* S, ID: "RS", "La Rádio Popular", "Estéreo 100". Owned by Sr. Reyna	JAN05
C	5500	-	BOL	R Virgen de Remedios, Tupiza, Potosi	Tests 1300-2230v May-July 2004; sch: 0000-0200 S catholic px, ID: "Rádio Virgen de Remedios, Tupiza, frecuencia modulada y onda corta, la voz católica en su casa, con la cadena Rádio Católica Mundial"	JUL04
A	5500	10	ETH	Voice of the Revolution of Tigray, Mek' elé, Tigray	MF 0400-0500, SS 0400-0900, MF 0930-1030, Sa 1100-1730, Sa 1100-1630, MF 1500-1900 Tigrinya // 6350	APR05
C	5544,6	-	PRU	R San Andres, Cutervo, Cajamarca	r 0040-0330 S	APR05
D	5556	-	PRU	R La Inmaculada, Santa Cruz	Schedule unknown	JUL04
B	5580,3	0,25	BOL	R San José, San José de Chiquitos	1100-1700 2100v-0230v S, poor audio	APR05
C	5637,2	-	PRU	R Peru, San Ignacio, Cajamarca	1000-0500v S, sl: 'Estudio 97'; d - 5640.3. Only on the air a few days each year	JUN04
A	5678	1	PRU	R Ilucán, Cutervo, Cajamarca	1030-0300v S, ID: "Somos Rádio Ilucan, Usted esta escuchando Rádio Ilucan." "Rádio Ilucan, la Voz de los Andes"	DEC04
C	5700	0,15	PRU	R Frecuencia, San Ignacio, Cajamarca	r 1137-1202 2300v-0200v S, also ID: "Rádio San Ignacio", n 5760, d - 5699,8. Off June 2003 - April 2004 and since July 2004	JUN04

### DBS-7 Part 2 April 2005 (Domestic stations on international bands)

A	5765	3	GUM	AFRTS feeder, Barrigada, Guam	0845v-2025v E, (USB) // 6350 7507 13362	MAR05
B	5770	10	BRM	Defence Forces BC, Taunggyi	0130-0430 0630-0930 1300-1630 Bamar & ethnic languages	MAR05
D	5815	5	DNK	World Music R, Ilskov, Jutland	Closed down January 2005 until further notice. (NB: A Scottish pirate, called Weekend Music R, is also using this frequency)	JAN05
B	5860	50	CHN	Voice of Jinling, Nanjing, Jiangsu	1155-1400 C/Amoy, ID: "Jinling zhi Sheng"	FEB05
A	5895	250	RUS	R Rossii, Taldom, Moskva	☞Central px: Nov-Mar: 1820-2200 Ru, ck 7310	MAR05
C	5895	-	SDN	R Peace, Nuba Mountains	1700v-1715v English, 1715v-1725v Vn, ck 4750	APR05
A	5910	10	CLM	La Voz de tu Consciencia, Lomalinda	r 0100-1100* S, relays Marfil Estereo, Puerto Lleras, ID: "Ustedes están escuchando Marfil Estereo 88.8 FM." Occ. // 6010	APR05
A	5915	50	ISR	Kol Israel, Tel Aviv	☞Reshet Dalet: 24 h A	MAR05
A	5915	100	ZMB	ZNBC, Lusaka	R 1, African Sce: 0515-1430 Tonga/Bemba/Nyanja/Kaonde, (= 4910)	MAR05
B	5920	100	RUS	R Rossii, Petropavlovsk-Kamchatka, Far East	☞Dubl 1: Apr-Oct: 0800-1400 Ru // 5940 7320, ck 6075	OCT04
A	5925	50	CHN	China Narional R 5 (Taiwan 1), Beijing	0955-0005 C/Amoy to Taiwan // 7620 9380, C ID: "Zhonghua zhi Sheng" (= Voice of China), ck 11620	NOV04
B	5925	100	D	R Traumland, B, via Jülich, D	☞Su 1400-1515 G	DEC04
A	5925	250	RUS	R Rossii, Taldom, Moskva	☞Central px: Nov-Mar: 0200-0500 Ru, ck 12075	MAR05
A	5925	50	VTN	Voice of Vietnam 2, Xuan Mai, Hanoi	2155-1700 Vietnamese // 9875. Relays VOV 1: 2300-2315 1100-1145 // 5975 9530. ID: "Da la tieng noi Viet Nam, phat thanh tu Hanoi, thu do nuoc cong hoa xa hoi chu ghia Viet Nam". F LL 1430 // 6020	APR05
C	5927	1	BOL	Radiodifusoras Minería, Oruro	0930-0100v S, n 5925	JUL04

B	5930	1	B	R Guarujá Paulista, São Paulo	24 h P // 3385 5045. DX px Sa 2330-2400	MAR05
A	5930	50	RUS	R Rossii & GTRK "Murman", Monchegorsk	⊘R Rossii Central px: 0200-2200 Ru, exc. GTRK "Murman" (Reg): 0800-0810 0910-1010 1510-1600 1610-1700. Ru. ID: "V e fire gorod-geroy Murmansk-Gosudarstvennaya Teleradiokompaniya Murmansk"	MAR05
A	5935	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1730 C // 4820(ID + relays) 6050 7170 7240	APR05
B	5940	1	PRU	R Melodia, Arequipa	24 h S, v 5939,4 - 5950,4, n 5940, ex 5997	APR05
A	5940	100	RUS	R Rossii, Arman, (= "Okhotsk"), (50 km west of Magadan), FE	⊘Dubl 1: 1900-1500 Ru // 6075 7320, d - 5935	MAR05
A	5945	100	AUT	Österreich 1, Moosbrunn	Ô 1: 1830-2308 G // 6155, ID: "Österreich Eins"; also FS	APR05
A	5945	100	CHN	China National R 1, Beijing	2000-0100 1000-1732 C // 4460 (ID) 4750 4800 7935 (= 15480)	JAN05
C	5945,2	-	BOL	R Virgen de Remedios, Tupiza, Potosi	Tests 1300-2230v May-July 2004; sch: 0000-0200 S catholic px // 5500 (ID)	JUL04
A	5950	100	USA	CBS, Taipei, via Okeechobee, FL	News Network: 2200-2400 C, ID: "Taipei Guozi zhi Sheng", Dialect Network A+B: 0000-0100, Hakka, 0100-0200 0500-0600 Cantonese; General Network: 0400-0500 C; also FS	MAR05
B	5950	50	YEM	Rep. of Yemen R, Al Hiswah	0300-1400 A // 9780, ID: "Idha'atu-I-jumhuriyah al-yamanniya min Sana'a"	SEP04
C	5950	-	B	R Inconfidência, Belo Horizonte, MG	r tests 0830-1415 and 2300 P // 6010	FEB05
C	5950	1	PRU	R Bethel, Arequipa, Arequipa	1000-0300 S rlg, ID: "Somos Bethel la rádio", relays "CPN Rádio", d 5949,8-5950,4, ex 5940	JUN04
A	5952,5	5	BOL	R Pío XII, Siglo XX, Llallagua, Potosi	0945v-1400 2100-0230(Su 2300) S/Quechoa, ID: "Transmite Rádio Pio Doce, su compania permanente, onda corta 5955 kHz banda de 49 metros, amplitud modulada 710 kHz y frecuencia modulada 99.9 MHz desde Siglo Veinte, Potosi, Bolivia." n 5955	MAR05
C	5955	10	B	R Gazeta Universitária, São Paulo, São Paulo	[⊘Oct-Feb] 0900-0300 P // 15325, rlg px "A Vóz da Libertação" from Igreja (Church) Pentecostal Deus é Amor. Mostly relays of R Canção Nova	APR05
C	5955	5	CLM	Caracol Colombia, Villavicencio	Caracol Network: 0900-2300v S // 810 MW, d - 5958,6	OCT04
A	5960	250	CAN	Canadian Broadcasting Corp., via Sackville	⊘2300-0100 E // 13785 15 170, ID: "CBC Radio One"	APR04
A	5960	250	CAN	R Japan, via Sackville	Relay NHK R One: 0300-0400 Japanese // 9660 15195 15325 17560 17685 17810 17825. ID: "Daiichi Hoso".	MAR05
B	5960	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Mar: 2330-1800 (exc. Tu 0800-1100) C // 3950(ID) 5060 7310, ck 9835	MAR05
A	5960	500	TUR	Voice of Turkey, Emirler	⊘Apr-Oct: 1700-2255 Turkish // 9460 9560, ID: "Burası Turkiyenin Sesi Radyosu", ck 6120, 5980	MAR05
B	5964,9	7,5	B	R Transmundial (TWR), Santa Maria, Rio Grande do Sul	[⊘Oct-Feb] 0900-1500 P // 11735, ck 9530. Transmitter is owned by R Nova Visão	OCT04
B	5964,9	100	MLA	RTM R1(Satu), Kuala Lumpur	24 h Bahasa Malaysia incl. Voice of Islam 0430-0500. Mediocre audio	APR05
B	5965	50	IND	AIR Jammu, Kashmir	0630-0930 Hindi/Urdu/Kashmiri/Sindhi/E (= 4830(ID))	PPPPP
B	5965	1	BOL	R Nacional de Huanuni, Huanuni	1000-0200(Su 1100-2300) S	OCT04
B	5965	100	PAK	R Pakistan, Rewat, Islamabad	Nov-Mar: 1800-1900 Urdu to Middle East, ex 7570	MAR05
B	5969,7	10	B	R Itatiaia, Belo Horizonte, MG	[⊘Oct-Feb] 0645-0100 P, ID: "Voce esta ouvindo Rádio Itatiaia", sl: "A Rádio de Minas"; extended broadcasts during soccer matches	APR05
C	5969,9	15	CHN	Gannan PBS, Tianshui, Hezou, Gansu	2220-0115 0420-0620 0950-1400 Tibetan // 3990, incl. CNR 8 MS: 1300-1400v Tibetan	NOV04
C	5975	50	VTN	Voice of Vietnam, Son Tai	HS 1: 2200-1700 Vietnamese // 7210 9530 9550, ck 5925(ID)	MAR05
D	5979,3	10	MLA	RTM, Kampung Laya-Laya, Tuaran, Kota Kinabalu, Sabah	0330v-0730 E, 0730-1000 Kadazan, 1000-1200 Bajau, 1200-1315 Dusun, 1315-1330v Murut, n 5980	JUN04
B	5980	10	B	R Guarujá, Florianópolis, SC	[⊘Oct-Feb] 24 h P, d - 5980,3	APR05
A	5980	0,1	FIN	Scandinavian Weekend R, Virrat	⊘First weekend of the month: Fr 2300-2400 Sa 0000-0600 1200-1600 Finnish/E // 11690 or 11720, alt. fq 5990 6170	JAN05
A	5980	250	MRC	Rdif. TV Marocaine, Briech	Nov-Mar: 0000-0500 A to EU, ID: "Huna Ribat, idha'atu-I- mamlaka al Maghribiyya", ck 7135	FEB05
A	5980	500	TUR	Voice of Turkey, Emirler	Nov-Mar: 1700-2155 Turkish // 9560, ck 5960(ID); also FS	MAR05
A	5985	50	COG	R Congo, Brazzaville	0430-0700 1700-2300 F/Vn. F ID: "Radio Télévision Nationale Congolaise, Brazzaville", "Radio Congo, Chaîne Nationale"; ck 6115, (= 9610)	FEB05
B	5985	50	IND	AIR Ranchi, Jharkhand State	0700-0945 (Su 0630-1130) E/Hindi, 0730 E nx, (= 4960(ID))	PPPPP
A	5985,8	50	BRM	R Myanmar, Yangon, Yegu	0800-1430 Bamar, 1430-1600 E, ID: "This is Burma Radio, Yangon", "Myanmar Radio", (= 7185, 9730); n 5985	MAR05
C	5990	50	CHN	Qinghai PBS, Xining, Qinghai	0325-0600 1025-1520 Tibetan (Amdo dialect) // 4220 6500	MAY04
A	5990,5	100	ETH	R Ethiopia, Gedja	0300-1000(SS -1400) 1500-2000 Amharic/ Oromo/ Tigre/ Somali/ Afar-Hararie Agnuak/Nuer, E MF 1000-1100 // 7110 9704,2	FEB05
A	5990	0,1	FIN	Scandinavian Weekend R, Virrat	⊘First weekend of the month: Fr 2200-2300 Sa 1600-1900 Finnish/E // 11690 or 11720, alt fq 5980 6170	PPPPP
A	5993,6	250	B	R Senado, Brasília, Distrito Federal	⊘[Oct-Feb] MF 1000-2400v P, Brazilian Senate reports, ID: "Rádio Senado em ondas curtas: informação, música e utilidade pública"	JAN05

B	5995	100	MLI	Rdif TV Malienne,Kati, Bamako	0555(Su 0655)-0758 1757-2400 F/Vn // 4782,4v(ck Vn) 4835, poor modulation, (= 11960)	FEB05
C	5999,3	-	EQA	R Difusora Católica Cultural, Lago Agrio, Sucumbíos	r *1000-1100 S since Dec 2004, sl:"La Voz del Upano", ck 4870 5040 relays FM 99.3	DEC04
B	6000	10	B	R Guaíba, Porto Alegre, RS	[ØOct-Feb] 0700-0400 P // 11785	FEB05
B	6000	10	IND	AIR Leh, Kashmir	0700-0900(Su -1130) E/Hindi/Kashmiri, (= 4760)	PPPPP
B	6000	250	SNG	Mediacorp R, Singapore	2300-1100 1400-1600 C, relays City Sounds/ Capital R/Yes/Love, FS: 1100-1400	MAR05
A	6005	100	D	DeutschlandRadio Kultur, Berlin-Britz	24 h G // 177 LW, 990 MW	APR05
B	6005	0,6	J	NHK, Sapporo 1	2000-0030 0400-1230 Japanese // 3607. Off Nov 2003 - June 2004	MAR05
C	6005	0,3	J	NHK, Nagoya 1	0100-0330 Japanese	PPPPP
D	6005	100	RUS	Tbilisskaya, Krasnodar	Px for Circassian minority in the Near East: Nov-Mar: 1800-1830 Adyghian (from GTRK "Adygeya", Maykop); 1830-1900 Kabardian / Balkar / Ru (from GTRK "Kabbalkteradio", Nalchik), ck 7325	FEB04
A	6010	5	BLR	Belaruskaje Radyjo 1, Brest	Ø0400-2300 Belarusian // 279 LW 6040 6070 6080 6115 7145, ID: "Peršy nacyjanalny kanal", incl. R Stalica (= Capital): W 0440-0500, D 1600-1700, ID:"U efiry radyjostancyja Stalica", Ru:"Radio Stalitsa". Harmonic heard on 12020	APR05
C	6010	1	CHL	R Parinacota, Putre, Tarapacá	24 h S // 94,5 FM. Relays R Cooperativa, Santiago: 0400-0800. ID's: "Para acompañar a los conductores del Norte de Chile, Parinacota y America, transmite Radio Parinacota, 94.5 FM, la radio del camino", "Transmite Parinacota, en 94,5 Megaciclos FM y 6010 kilociclos, banda regional de 49 metros"	OCT04
B	6010	100	CHN	China Business R, Xi' an, Shaanxi	2100-2300(Apr-Oct - 2400) 1030-1300 1400-1600 C // 3985(ID) 7115 9620, (= 9530)	DEC04
B	6010	100	CHN	China National R 8, Xi' an, Shaanxi	2300-2400 1300-1400 Tibetan // 4905 4920 7360 7375 9480 11685, ID: "Chongyang lima kongchao menchi yehori"	FEB05
A	6010	5	CLM	La Voz de tu Conciencia, Lomalinda, Puerto Lleras, Meta	24 h S // R Alcaraván 1530 MW, sl: "Una emisora del Sistema Alcaraván Rádio", E ID: "This is the Voice of your Conscience transmitting on 6010 SW for Colombia and the World", d 5995 - 6011; ck 5910. F. Pl.: 10 kW	APR05
A	6010	10	MEX	R Mil, México	Ø24 h S, "Encuentro DX": Fr 2325, Sa 1430, Su 0130 1500 & 2225, Mo 0505. Operated by Núcleo R Mil Network // MW. ID: "Rádio Mil, la Voz de 49 metros", sl: "Escucha Rádio Mil, la Rádio para todos"	APR05
C	6010,2	5	B	R Inconfidência, Belo Horizonte, MG	24 h P, ck 5950; n 6010. Fire in transmitter 6 March 2005.	APR05
B	6010,4	0,15	URG	Em. Ciudad de Montevideo, Montevideo	1300-1600v S, relaying CX42 1370 MW. ID: "En su receptor, CX42 Emisora Ciudad de Montevideo, Uruguay, transmitiendo en 1370 kHz, la frecuencia que se sintoniza con mayor frecuencia"; Alt. fq 9650.	FEB05
A	6015	300	AUT	AWR, via Moosbrunn	Feb-Mar: 1600-1630: G, ex 7235	MAR05
B	6015	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0000-0300 1200-1800 Kazakh // 4330(ID); incl. CNR8 MS: 1400-1500 Kazakh // 7120(ID) 9440 9460, (= 9470)	JAN05
B	6015	100	KOR	KBS-1, Hwaseong	First Liberty Px: 0400-2130 Korean, ID: "Sahoe Kyoyuk Che-il Pangsong". Jammed	MAR05
D	6015	50	TZA	R Tanzania Zanzibar, Dole	0300-0600 Swahili, (=11734.1). ID: "Hii ni Sauti ya Tanzania Zanzibar"	SEP04
B	6020	10	B	R Gaúcha, Porto Alegre, RS	[ØOct-Feb] 0900-0400 P // 11915	APR05
B	6020	50	IND	AIR Shimla	Northern Sce: 0215-0400 0700-0935 1130(Su 0415)-1230 E/Hindi/Urdu, E nx 0245 0730, (= 3223)	MAR05
C	6020	20	VTN	Voice of Vietnam 4, Son Tai	Minority Sce: 2200-2300 0400-0500 0930-1030 Rade/Sedana. Relays VOV 1: 2300-2315 // 5975 9530 and VOV 2: 2315-2400 1030-1600 Vietnamese // 5925(ID). F LL 1430 // 5925	NOV04
A	6020,2	5	PRU	R Victoria, Lima	24 h mixed S/P rlg // 9720; px: "La Voz de la Liberación", n 6020, (NB: REE in Spanish on 6020 Apr-Oct 0000-0400 // 9620 15160)	APR05
A	6025	10	BOL	R Illimani, La Paz	0930v-0300v S, ID' s: "Rede Illimani", "Rede Satelital Illimani, La Voz de Bolivia", "Rede Illimani, La Voz Bolivia". Back May 2004	APR05
B	6025	1	DOM	R Amanecer Int., Santo Domingo	0900-0300(Tu-Su -0400) S rlg, ID: "Rádio Amanecer Internacional, de la red de emisoras de la Iglesia Adventista, desde la Republica Dominicana", sl: "La Voz de la Esperanza"	MAR05
A	6025	100	HNG	Magyar R, Jászberény	ØHS 1 (Kossuth R): 0500-1658(Su -1158) Hungarian, ID: "Kossuth Rádió, Budapest". Relays regional px from Pécs, Szolnok, Nyíregyháza, Győr, Miskolc, Szeged and Debrecen: 0900-1530 (Su -1200). Rebroadcasts from HS 1 (Kossuth R): Su 1400-1458, 1900-1958 // 3975, 2300-2358 Hungarian; also FS	MAR05
C	6030	10	B	R Globo, Rio de Janeiro, RJ	[ØOct-Feb] 0900-2100 P // 11805, ck 9585	NOV04
B	6030	0,1	CAN	CFVP Calgary	Relays CKMX. 24 h E. Occ. switched off during thunderstorms.	APR05
B	6030	100	CHN	China National R 1, Beijing	2000-1732 C // 4460 (ID) 4800 5945	MAR05



C	6030	10	COD	R Okapi, Kinshasa	24 h E/F/Swahili/Kikongo/Tshiloba/Lingala // 9550 11690. Operated by Foundation Hirondelle and U. N. Mission (MONUC)	JUL04
C	6030	50	IND	AIR Delhi, Kingsway	Uttaranchal Programme: 0200-0230 1215-1430 E/Hindi // 3945 7235 11830 15135. Hindi nx 0230, E nx 0245, Punjabi nx 0300	MAR05
C	6030	-	KGZ	R Extol, Bishkek	Sa 1555v-1800v Dari/Tajik/Farsi rlg px for listeners in Central and Western Asia produced by TWR // 1467 MW	MAR05
C	6035	50	BTN	Bhutan Broadcasting Service, Thimpu	MF 0100 Dzongkha, 0300 Sharchopkha, 0400 Lhotsamkha (Nepali), 0500-0600 E; 0800 E, 0900 Lhotsamkha, 1000 Sharchopkha, 1100-1400 Dzongkha, 1400-1500 E; SS 0100 Dzongkha, 0800 Sharchopkha, 0900 Lhotsamkha, 1000-1300 Dzongkha, alt. fq 9615 2230-0130 1000-1300 C/Vietnamese, incl relays of CNR 1	MAR05 MAR05
C	6035	500	CHN	Yunnan BS, Kunming	0900-0300 (SS -0700) S, ID: "HJOV, 6035 kHz, La Voz del Guaviare, San José - La Voz del Guaviare", "Esta es Rádio Cadena Nacional, La Voz del Guaviare"	MAR05
A	6035	300	SNG	R Japan, via Kranji	Relay NHK R One: Apr-Oct: 2000-2100 Japanese // 11910 13680	APR04
C	6037,8	3	BOL	R Difusora Trópico, Trinidad, Beni	1000v-1300 1600-1830 2230-2400v S/Quechoa. SI: "La Voz Civica del Benf"; d -6034,5; n 6035	DEC04
A	6040	7,5	B	R Clube Paranaense, Curitiba,PR	Oct-Feb] 0700-0300(Su 2300) P // 11935	APR05
A	6040	5	BLR	Belaruskaje Radyjo 1, Hrodna	0400-2300 Belarusian // 6010(ID) 6070 6080 6115 7110 7145, e xc.	APR05
B	6040	50	IND	AIR Jeypore, Orissa	R Stalica: W 0440-0500 1600-1640(Sa-1700) // 6010(ID) Eastern Sce: 0700-0935(Apr-Oct: 0905) (Su 1030-1130) E/Hindi. E nx 0730 (= 5040)	APR05 PPPPP
B	6045	50	CHN	Nei Menggu PBS,Hohhot, Nei Menggu	2150-0115 0905-1605 C // 4000 (ID) 4620; (= 9520)	JAN05
B	6045	100	D	Hamburger Lokalradio,via Jülich	0400-1100 G	DEC04
B	6045	100	D	Evangeliumsradio Hamburg, via Jülich	0400-1100 G	MAR05
B	6045	0,25	MEX	XEXQ R Universidad, San Luis Potosí	MF 1300-0400 (SS -2400) S	JAN05
C	6045	0,15	URG	R Sarandi Sport, Rivera	24 h S, d - 6045,2, weak modulation. Off Oct 2004 - Feb 2005	MAR05
B	6045	100	ZWE	ZBC, Gweru	R Zimbabwe: 24 h Shona/Ndebele, ck 3306	APR05
B	6047,1	5	PRU	R Santa Rosa, Lima	24 h, S rlg, ID "Rádio Santa Rosa transmitiendo desde Lima, Peru"	APR04
A	6050	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1730 exc. Tu 0600-1000 C // 4820(ID + relays) 5935 7170 7240	APR05
B	6050	50	EQA	HCJB, Pifo	Regional Sce: 1100-1500 1900-0500 S // 11760 11960; also FS	MAR05
D	6050	10	MLA	RTM Sibú, Sarawak	2200-0100 0300-0600 1100-1400 Iban, 0600-0900 C. W: Schools px: 0100-0300,0900-1100 Kayan/Kenyah // 7130	MAR04
B	6050	50	NIG	Ibadan National St., Ibadan	0430-2130v E/Yoruba/Edo/Igala/Urhobo, r *0555	FEB05
B	6054,4	3	BOL	R Juan XXIII (Veintitres), San Ignacio de Velasco, Santa Cruz	1030v-1430, MF 1730-2300v S rlg, ID: "La Voz Catolica", px "La Voz Evangelica de Velasco", n 6055, d - 6053,9	APR05
B	6055	50	J	Nikkei R Broadcasting Corp., Nagara, Chiba, Tokyo	HS 1: 2030(seasonally 2020)-1500(Fr and Su 1510) Japanese // 3925(ID) 9595	MAR05
A	6055	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 0200-2400 A, ID:"Huna al-Kuwait" // 11675	APR05
A	6055	250	RRW	R Rwanda, Kigali	Channel 1: 0300-0600 1500-2100 Kinyarwanda/Swahili/F/E, E nx 1830	MAR05
C	6055	0,017	URG	R Universo, Castillos, Rocha	0900-0300 S // 1480 MW. Off September-December 2004	JUL04
B	6060	50	ARG	LRA1,R Nacional, Buenos Aires	0900v-1200, Sa 2000-0230, Su 1800-0300v S. S/off varies with soccer events. ID: "Desde Buenos Aires transmite AM 870 Nacional, nuestra rádio". In LSB/USB only, ck 11710 15345	APR05
B	6060	10	B	R Tupi, Curitiba, Paraná	24 h P // 9565 11765. Px "A Voz da Libertação" from Igreja (Church) Deus é Amor // R Gazeta 5955 9685	APR05
B	6060	15	CHN	Voice of the Golden Bridge, Chengdu, Sichuan	Life, Travel and City Sce: 2230-1300 C/Tibetan/ Yi, ID: "Sichuan Renmin Guangbo Diantai, Jin Qiao zhi Sheng", E ID on the Hour	PPPPP
B	6060	250	CUB	R Reloj, Bauta	0700-0850 S after end of FS from R Habana Cuba	MAR05
A	6060	100	I	RAI, Prato Smeraldo	0203 0303 Notturmo Italiano: 2300-0500 Italian exc. nx in E/F/G 0003 0103	APR05
D	6060	100	NMB	NBC-2, Windhoek	24 h E, Otjiherero, Damara and Nama. Ck 6175	NOV04
B	6060	100	PAK	R Pakistan, Rewat, Islamabad	Apr-Oct: Islamabad px (Aaina): 1615-1700, ex 4955	PPPPP
B	6065	150	CHN	China Business R, Beijing	2100-2330 1200-1600 C // 3985(ID) 9620, (= 11670)	APR05
B	6065	50	IND	AIR Kohima A	Northeastern Sce: 0430-0510 0700-0900 E/Hindi, E nx 0730 (= 4850)	PPPPP
B	6065	100	PAK	R Pakistan, Rewat, Islamabad	Apr-Oct: Balti Sce: 0430-0515, Sheena Sce: 0530-0615; ck 7225	PPPPP
A	6065	500	S	R Sweden, Hörby	0203 0303 Relays HS in Swedish: P1: MF 05 00-0700, D 2100-2200, ID: "Sveriges Radio, P ett"; P4: Su 1800-1900, ID: "Sveriges Radio, P fyra", ck 1179MW 9390 9435 9490 13580, also FS	APR05
B	6065	100	ZMB	Christian Voice, Lusaka	0400-0700 E rlg	MAR05
C	6070	7,5	B	R Capital, Rio de Janeiro, RJ	0800-0300 P, prg "A Voz da Libertação" // R Tupi 6060	OCT04
A	6070	5	BLR	Belaruskaje Radyjo 1, Brest	0400-2300 Belarusian // 6010(ID) 6040 6080 6115 7110 7145, incl. R Stalica: W 0440-0500, D 1600-1700 // 6010(ID) 6080	APR05

A	6070	1	CAN	CFRX Toronto	24 h E. Relays CFRB	MAR05
C	6070	100	CHL	R Voz Cristiana, Calera de Tango	2200-1200 S, sometimes relays HCVY2 La R. Dinámica, Guayaquil, Ecuador (MW 1490); ck 9635	FEB05
C	6075	15	CHN	Yu Shu PBS, Qing Hai	2255-0100 1025-1135 Tibetan, C ID: "Yushu renmin guangbo diantai" and E; relays CNR 1: 1135-1230 C	MAY04
B	6075	100	PAK	R Pakistan, Rewat, Islamabad	Apr-Oct: Haya Allal Falah: 0045-0200, Urdu nx: 0200-0215, ck 4955	PPPPP
A	6075	100	RUS	R Rossii, Petropavlovsk-Kamchatka, Far East	¤Dubl 1: Nov-Mar: 0800-1400 Ru // 5940 7320, ck 5920	FEB05
C	6080	10	B	R Novas de Paz, Curitiba,Paraná	¤Oct-Feb] 0800-0300 P px of Evangelical Churches // 9515(ID) 11725, sl: "Radio Marumby – Novas de Paz"	APR05
C	6080	5	B	R CBN Anhanguera, Goiânia, Goiás	¤Oct-Feb] 0900-0300 P relaying CBN Network (news) // 11830, ID: "Rádio Anhanguera"	MAR05
A	6080	75	BLR	Belaruskaje Radyjo 1, Kalodziščy, Minsk	¤ 0400-2300 Belarusian/Ru // 279LW 6010(ID) 6040 6070 6115 7110 11960, incl. R Stalica: W 0440-0500, D 1600-1700 // 6010(ID) 6070	APR05
B	6080	5	BOL	R San Gabriel, La Paz	0900(Su 1000) -0200 S/Aymara	APR05
B	6080	100	CHN	China National R 1, Ge' ermu Qinghai	Nov-Mar: 1200-1735 C // 4460(ID) 7275 9845 9860, (= 9630)	NOV04
C	6080	7,5	CHN	Hulun Buir PBS, Hailar, Nei Menggu	General Ch: 2150-2400 0355-0600 0920-1500 Mongolian	PPPPP
B	6080	8	EQA	HCJB, Pifo	0830-1300 2100-0300 Quichua // 3220 9745, r 0410	APR05
A	6085	100	D	Bayerischer Rundfunk,München	¤0500-2300 G, ID: "B Fünf Aktu ell". Open carrier stays on 2300-0500 to prolong transmitter lifetime!	APR05
B	6085	50	IND	AIR Delhi, Kingsway	1220-1310 1330-1340 1345-1420 1430-1440 1445-1615/1630/ 1700/ 1730v 1730-1740 E/Hindi. Nx: E 1230 1530 1730, Hindi 1235, Sanskrit 1240, Kashmiri 1255, Dogri 1345, Sindhi 1245, Urdu nx: 1545. Ck 4860 7235 9595 11830 17860	PPPPP
C	6085	10	IND	AIR Gangtok, Sikkim	Northeastern Sce: 0700-0930 Nepali, ck 3390. Not in official schedule	SEP04
A	6085	100	OMA	R Sultanate of Oman, Seeb	0200-0400 2000-2200 A, ID:"Idha'atu Saltanat Oman min Muscat"	MAR05
B	6085	100	PAK	R Pakistan, Islamabad	Apr-Oct: Haya Allal Falah: 0045-0200, Urdu nx: 0200-0215	APR04
A	6085	50	RUS	R Rossii & GTRK "Tsentr Rossii", Krasnoyarsk, Krasnoyarsk Kray	¤R Rossii Dubl 3: 2200-1800 exc.Reg Sce: MF 2310-0100 0110-0200 0910-1000 1120-1300, Sa 0000-0300, Su 0000-0200 0300-0400 Ru, ID: "Govorit Krasnoyarsk"	AUG04
B	6085	300	TWN	CBS, Tainan	Chinese Network: 1000(SS 0900)-1500 C // 9680	PPPPP
B	6089,9	50	NIG	R Nigeria, Kaduna	Ch 1: 0430-2305 Hausa, n 6090	FEB05
A	6090	100	AIA	The Caribbean Beacon, Anguilla	2300-1100 E: "University Network"	APR05
B	6090	10	B	R Bandeirantes, São Paulo, SP	¤Oct-Feb] 24 h P // 9645 11925	DEC04
B	6090	10	CHL	R Esperanza, Temuco	24 h S rlg px, d –6089.9	APR05
B	6090	100	CHN	China Business R, Ge'ermu, Qinghai	2100-2300 1000-1600 (Apr-Oct: 2100-0100 1200-1600) C // 3985(ID) 7315 9755 11740, (= 9570)	FEB05
C	6090,4	5	CLM	R Macarena, Villavicencio	24 h S, r *1000. Operated by Cadena Radial Autentica, ex 5973	JAN05
A	6095	100	NZL	R New Zealand Int., Rangitaiki	Apr-Oct: 1300-1850 E incl. relays of National R Net, ck 9870 11725 11980	AUG04
B	6100	250	KRE	KCBS, Kanggye	HS 2000-0830 Korean // 2850(ID) 3350 9665 11680	MAR05
A	6100	5	RUS	R Mayak & GTRK "Tyva", Kyzyl, Central Siberia	¤R Rossii: 2150-2015 Ru, exc. GTRK "Tyva" (Reg.): 2310-2400 0110-0200 0510-0600 1110-1200 1310-1400 Ru/Tuvianian	AUG04
A	6105	10	B	R Canção Nova, Cachoeira Paulista, São Paulo	¤Oct-Feb] 24 h P // 4825 9675, DX-Mailbag "Além Fronteiras" Sa 2200-2300 with E ID's	MAR05
B	6105	8	B	R Cultura Filadélfia, Foz do Iguaçu, Paraná	¤Oct-Feb] 0900-0230v P/S, px from Igreja (Church) Filadélfia, also relays Rede Transamérica FM and R Primeiro de Março	FEB05
D	6105	10	CTR	R Universidad de Costa Rica, San José	1300-0600 S // 870 MW, but not daily. Sl: "Rádio U"	APR04
C	6105	500	JOR	R Jordan, Qasr el Kharana	1600-2300 A // 9830, ID:"Huna 'Amman, Idha'atu-I-mamlaka al-urduniyya al-hashimiyya"	MAR05
B	6105	100	TWN	CBS, Kouhu	Dialect Network: 1000-1200 Hakka, 1200-1400 Cantonese	MAR05
C	6105	10?	TZA	R Tanzania, Dar-es-Salaam	National Sce: 0645-1315 Swahili // 5050	FEB05
A	6105,5	10	BOL	R Panamericana, La Paz	1000v-0400 (Su-2400) S	APR05
A	6110	100	CHN	Xizang PBS, Lhasa, via Eastern Tibet	2100-1800 Tibetan/E // 4905(ID + relays) 5240 6130 7375 7385	JAN05
B	6110	50	IND	AIR Srinagar B	Northern Sce: 0215-0453(Su-1115) 0600-1115 E/Hindi, (= 4950)	PPPPP
B	6114,9	10	PRU	R Unión, Lima	24 h S, ID: "Unión, la Rádio mas potente del país", "Rádio Unión 880 kcs desde Lima", d – 6114,6	FEB05
A	6115	150	BLR	Belaruskaje Radyjo 1, Kalodziščy, Minsk	¤0400-2300 Belarusian/Ru // 279LW 6010(ID) 6040 6070 6080 7110, exc. R Stalica: W 0440-0500, D 1600-1700 // 6010(ID) 6070 6080.	APR05
B	6115	50	CHN	Voice of the Strait, Fuzhou, Fujian	2225-1700 (exc. We 0400-1000) Amoy; Fr/Su 0930-1000 E, // 4900	MAR05
C	6115	50	COG	R Congo, Brazzaville	0600-0800 1700-2000 F/Vn, ck 5985 9610	MAR05
A	6115	250	G	R Japan, via Skelton	Relay NHK R One: 2200-2300 Japanese // 13680; ck5960(ID)	MAR05

C	6115	50	J	Nikkei R Br. Corp., Nagara, Chiba, Tokyo	SS 2300-0900 Japanese // 3945 9760, ck 3925(ID)	DEC04
C	6120	75	B	R Globo, São Paulo, São Paulo	[xOct-Feb] 0900-0200 P // 9585, ck 6030 11805	OCT04
A	6120	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	2330-0300 1200-1800 Uighur // 3990(ID) 4980 7195; incl. CNR8 MS: 1500-1600 Uighur // 3990 7120(ID) 9420 9440, (= 9560)	APR05
C	6120	10	CUB	R Rebelde, Bauta	0245-0400 S // 5025(ID) for C Am & Caribbean, ck 9600 11655	APR05
B	6120	250	SNG	Mediacorp R, Singapore	R Warna: 2300-1100 1400-1600 Malay. FS (RSI): 1100-1400 // 7235	MAR05
B	6120	250	TUR	Voice of Turkey, Cakirlar	xNov-Mar: 1700-2255 Turkish // 9560, ck 5960(ID)	JAN05
C	6125	0,25	BHR	Information R (USB) via Naval Ships of U.S. lead Coalition Maritime Forces (CMF) in the Persian Gulf, Arabian Sea or near the Horn of Africa	0300-1400 E/A/Farsi/Dari/Pashto/Urdu/Hindi messages to commercial shipping asking for reports on any terrorist activity at sea. 90% of the time regional music is played. ID: "Radio Ma luumaati" (= Information R), Pashto ID: "Da Radio Malumat day", E ID: "Radio One", "CMF Radio". Ck 15500	MAY04
B	6125	100	CHN	China National R 1, Shijiazhuang, Hebei	2000-0100 1000-1732 C // 4460(ID) 4800 5030 5945 6030 6175 6950 (= 17615)	OCT04
B	6125	100	EQA	HCJB, Pifo	0830-1000 Quichua // 3220 6080, r 0410	APR05
C	6125	0,3	URG	CXA4, S.O.D.R.E., Montevideo	Relays CX26 1050 MW: 1000-0300 S, ID: "Rádio Educativa SODRE"	JAN05
A	6130	300	AUT	AWR, via Moosbrunn	Apr-Oct: 1500-1530 G	APR05
B	6130	100	CHN	Xizang PBS, Lhasa, via Eastern Tibet	2100-1800 Tibetan /E // 4905(ID + relays) 4920 5240 7385	APR05
C	6130	0,6	J	NHK, Kasuga	0800-1300 Japanese. Back up relay of JOLK, Fukuoka 1 in USB	NOV04
B	6130	25	LAO	R Nationale Lao, Vientiane	National Sce: 2230-2300 0700-0730 Khmu, 2300-0630 0730-0830 0930-1500 Lao, 2200-2230 0630-0700 H' mong, ck 4649	MAR05
A	6134,8	10	BOL	R Santa Cruz, Santa Cruz de la Sierra	0900-0100(-0320v after soccer matches) S/Aymara, sl: "La mas importante emisora del oriente boliviano", "Rádio Cadena Esportiva, Santa Cruz"	APR05
A	6134,9	25	B	R Aparecida, Aparecida, SP	[xOct-Feb] 0800-0215 v P rlg // 5035 9630 11855	APR05
C	6135	30	MDG	R Nat. Malagasy, Antananarivo	0500-1500 F/Malgache, ck 3287.7 5010 7105 9689	MAR05
B	6139,8	5	CLM	HJQE, R Melodia, Santa Fé de Bogota	24 h S, relays R Lider HJCU 730 MW, ID: "En Bogotá, Colombia, esta es Rádio Lider", "Rádio Lider, Bogotá"	APR05
B	6140	50	CHN	China National R 6 (Taiwan 2), Beijing	1200(Apr-Oct 1500)-1805 C/Amoy to Taiwan // 9170, C ID: "Shenzhou zhi Sheng Guangbo Diantai" (= Voice of the Divine Land)	APR04
C	6140	10	CUB	R Rebelde, Bauta	1100v-1400v S // 5025(ID), ck 6120, also r 0000-0500 S	JAN05
D	6140	1	SRL	R UNAMSIL, Freetown	2300-0600 E/Mende/Themne/Limba produced by the U.N. Mission in Sierra Leone.	MAR04
C	6140	2	URG	CXA20 R Monte Carlo, Montevideo	0900-1630v S/P/Italian, relays "R Cero". r -1900-0300 during sports events. Off August-December 2004	MAR05
B	6145	50	CHN	Qinghai PBS, Xining, Qinghai	0925-1505 C // 4750(ID) 6260, (= 9780)	NOV04
B	6145	100	TWN	CBS, Kouhu	Mainland network "Dateline with Taipei": 1400-1800 C // 7130, ID: "Chung Yang Kuang Po Tien Tai", (in Pinyin: "Zhongyang Guangbo Diantai)	MAR05
B	6149,8	10	B	R Record, São Paulo, São Paulo	[xOct-Feb] 24 h P // 9505. Poor modulation	MAR05
C	6150	25?	CYP	R Bayrak, Yeni Iskele, Northern Cyprus	x0430-2200 E/Turkish/Greek/German/A/Ru, ID: "This is Radio Bayrak International, Northern Republic of Cyprus, Lefkosa"	AUG04
B	6150	50	IND	AIR Itanagar	Eastern Sce: Nov-Mar: 0700-0900 E/Hindi, E nx 0830 (= 4990)	MAR05
A	6150	50	RUS	R Rossii & NVK "Sakha", Yakutsk, Respublika Sakha, Siberia	xR Rossii Dubl 2 & Reg px "Sakha": Nov-Mar 2000-1600 Ru; Reg. px r 1030 // 7200 7345. Ru ID: "Govorit Radio Respubliki Sakha"	MAR05
A	6150	5	RUS	R Rossii, Perm	xR Rossii Dubl 4: 0000-1600 Ru. Ex 4825 6030	MAR05
A	6150	250	SNG	Mediacorp R Singapore	2300-1100 1400-1600 E, relays News Radio 93.8 FM, ID: "News Radio 9-3-8". Also FS 1100-1400 // 9600	MAR05
D	6150	100	TWN	CBS, Taipei	General Network: 2300-2400 C, ID' s: "Zhongyang Guangbo Diantai", "CBS, Taipei Kuochi zhi Sheng". Jammed by China	MAR04
A	6155	300	AUT	Österreich 1, Moosbrunn	Ô 1: 0500-2308 G, // 5945(ID) 13730	APR05
B	6155	10	BOL	R Fides, La Paz	W 1000-1800 2100-0300(Fr/Sa -0400), Su 1100-0600 S/Aymara // 9624.8 730MW, sl: "Como siempre por Fides"	JAN05
B	6155	150	CHN	China Business R, Beijing	2100-0200 1200-1600 C // 3985(ID) 6010 7335 9820, (= 15500)	APR05
C	6160	10	B	R Boa Vontade, Porto Alegre, Rio Grande do Sul	24 h P // 9550 11895. Rlg px from Sistema Mundial LBV, Rio de Janeiro: "Legião da Boa Vontade". ID: "Sistema LBV de Rádio", ex R Rio Grande do Sul	FEB05
B	6160	1	CAN	CKZU Vancouver, BC	Relays CBU 690 kHz: 24 h E	MAR05
A	6160	1	CAN	CKZN St. John's, Newfoundland	Relays CBN Labrador Sce from CFGB-FM, Goose Bay: 24 h E, ID: "CBC Radio One"	MAR05
A	6160	40	RUS	R Rossii & GTRK "Pomorje", Arkhangelsk	xR Rossii Central px: 0200-2200 Ru, exc. Reg px of GTRK Pomorje: MF 1000-1100, 1410-1500, Sa 0400-0500 0700-0800 // 918MW	DEC04
B	6165	50	CHN	China National R 6 (Taiwan 2), Beijing	2055-2330 0800-1500 C/Amoy to Taiwan // 9170, ck 6140(ID)	MAY04
A	6165	100	HRV	Hrvatski R, Deanovec	x 0500-2400 Croatian // 7365 9830 13830 to Europe, ID: "Ovdje Hrvatski Radio"	APR05

A	6165	300	J	R Japan, via Yamata	Relay NHK R One: 2000-2100 Japanese // 11665 13680; ck5960(ID)	NOV04
B	6165	100	TC	Rdif. Nat. Tchadienne, N'Djaména	0430-0730(SS -1000) 1000-2200(Sa 2300) F/Vn	APR05
A	6165	15	VTN	Dai Tieng Noi Vietnam, Xuan Mai, Hanoi	2200-2300 2330-2400 1130-1330 H'Mong, ck 9850	APR05
C	6165	100	ZMB	ZNBC, Lusaka	R 2: 0250-2205 E. Off May-December 2004. Ex 4500	APR05
C	6170	20	B	R Cultura, São Paulo, São Paulo	[Oct-Feb] 0800v-0400 P // 9615 17815, relays 'R Cultura FM', ID: 'ZYG959 ondas curtas de 49 metros'	DEC04
A	6170	0,1	FIN	Scandinavian Weekend R, Virrat	First weekend of the month: Sa 0600-1200 1900-2100 Finnish/E // 11690 or 11720, alt fq 5980 5990	MAR04
A	6173,8	5	PRU	R Tawantinsuyo, Cusco, Cusco	1000-0015v S/Quechoa, n 6175	MAR05
B	6175	100	CHN	China National R 1, Beijing	2000-2400 0900-1732 C // 4460(ID) 4800 5030 6030, (= 11960)	MAR05
C	6175	0,9	J	NHK, Tokyo 1	2000-0030 Japanese (USB)	PPPPP
C	6175	50	MLA	RTM, Kajang	Voice of Islam(Suara Islam): 1400-1700 Bahasa Malaysia, nx 1430 // 9750, also FS	MAR05
D	6175	70	NMB	NBC-1, Windhoek	24 h G/Afrikaans, Afrikaans ID: 'Dit is die Afrikaanse diens van die NBC'. Poor modulation. Ck 6060	MAY04
A	6185	250	B	R Nacional da Amazônia, Brasilia, Distrito Federal	[Oct-Feb] 0800v-0100v (Su 24 h) P, ck 11780; occasionally replaced by 9665; ex 6180 6190	APR05
B	6185	15	CHN	China Huayi Broadcasting Corporation, Chengdu, Sichuan	0000-1400 (exc. We 0400-0900) C/Amoy, (= 4830(ID)) to Hong Kong, Macao & SE Asia; E ID	MAR05
A	6185	10	MEX	R Educación, México	0000-1100v S/E. SW px not // MW	MAR05
A	6188	5	PRU	R Oriente, Yurimaguas	1000-2200 S, relays FM 99.5, n 6190	FEB05
A	6190	100	AFS	BBC via Meyerton	FS: 0300-2200 E to Southern Africa, ck 11940	MAR05
A	6190	5	BLR	Belaruskaje Radyjo 1, Mahiliou	0400-2300 Belarusian // 6010(ID) 6040 6070 6080, exc. R Stalica: W 0440-0500, 1600-1640 (Sa - 1700)	SEP04
B	6190	100	CAN	Canadian Broadcasting Corp., via Sackville	Tu-Sa 0100-0300 E // 9755 9810, ck 5960(ID), also FS	MAR05
B	6190	100	CHN	China Business R, Ge'ermu, Qinghai	2100-2300 C // 3985(ID) 6090 9480 9820, (= 7140)	JAN05
A	6190	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0000 (Apr-Oct 2330)-0330 1230-1800 Mongolian // 4500(ID) 7230 incl. CNR8 MS: 1600-1700 Mongolian // 7120(ID) 9440, (= 9510)	JAN05
A	6190	17	D	Deutschlandfunk, Berlin Britz	24 h G // 153 207 LW 1269 MW. Old transmitter	APR05
B	6190	50	IND	AIR Delhi, Kingsway	Northern Sce: 0730-1030 E/Hindi, E nx 0730 0830 (= 4860)	PPPPP
B	6190	100	OMA	R Sultanate of Oman, Seeb	1800-2100 A, ck 6085(ID)	OCT04
B	6193,5	1	PRU	R Cusco, Cusco	0930-0300, Su 1100-0200 S, ID: 'R. C., 1470 AM', n 6195	MAR05
B	6195	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-0040 0805-1605 Mongolian // 4525 (ID) 4785; (= 9750)	JAN05
B	6200	100	CHN	Xizang PBS, Lhasa, via Eastern Tibet	2100-1800 Tibetan/E // 4905(ID + relays) 4920 5240 6110 6130 7385 9480	JAN05
A	6210	10	ETH	R Fana, Addis Ababa	MF 0300-0430 0900-1000 1500-1700 Amharic, 0430-0530 1000-1100 1700-1900 Oromiffa; SS 0530-0730 1500-1830 Amharic, 0300v-0530 1200-1500 Oromiffa // 6940	APR05
B	6210	0,8	COD	R Kahuzi, Bukavu	0500-0830 1000-1200 1230-1600v F/E/Kikongo/ Mashi/ Lingala/ Swahili rlg. Sometimes relays VOA	MAR05
B	6214,5	0,5	ARG	R Baluarte, Puerto Iguazu, Misiones	0900-2400 S/P/Guarani, rlg // FM Futuro 101.7 Operated by Centro de Evangelización Camiño Nuevo. Off August-September 2004	DEC04
C	6249,4	-	PRU	R La Voz de Andahuaylas, Andahuaylas	1030-1230 2230-0200 S/Quechoa. S sl: 'La Voz del Pueblo'	MAY04
B	6250	10	GNE	R Nacional de Guinea Ecuatorial, Malabo	0500-2300 S/Fang/Bubi, S nx 0600 1415 2100, ID "Radio Uno desde Malabo, capital de la Republica de Guinea Ecuatorial", d 6248-6250,4. Under repair October 2004 - March	MAR05
B	6250	100	KRE	PBS, Pyongyang	2000-0930 1500-1900 Korean // 3250(ID) 3320 6398,8	OCT04
B	6260	50	CHN	Qinghai PBS, Xining, Qinghai	2220-0200(Su -0630) 0325-0600 0925-1505 C // 4750(ID)	MAR05
B	6280	250	ISR	Kol Israel, Yavne	Reshet Bet: Nov-Mar: 2100-2355 Hebrew	NOV04
C	6329,1	0,8	PRU	R Sallique, Sallique, Jaén, Cajamarca	r -0130* S, very irregular	JAN05
A	6350	10	ETH	Voice of the Tigray Revolution, Mek' elé, Tigray	MF 0400-0500, SS 0400-0900, MF 0930-1030, Sa 1100-1730, Su 1100-1630, MF 1500-1900 Tigrinya // 5500	MAR05
B	6350	3	HWA	AFRTS, Luualalei, Pearl Harbor	0600-1600 E (USB) // 5765 7507 13855, ck 10320	FEB05
C	6380	-	VTN	Dien Bien R & TV, Dien Bien Phu	2200-0030 0400-0600 1130v-1330v Vietnamese/H' Mong/Nung/Miao/ Yao. Opens 5 min before with gentle, repetitive music played on strings and woodwind, d -6378,6 - 6381. Ex R Lai Châu BS 2	APR05
B	6398,8	100	KRE	PBS, Kanggye	2200-1800 Korean // 3250(ID) 3320 6250. Sometimes own px	FEB05
C	6480	1	PRU	R Altura, Huarmaca, Piura	1030-1500 1900-0200v S, ID: 'Rádio Altura del Perú', d -6479,7	MAR05
C	6500	50	CHN	Qinghai PBS, Xining, Qinghai	2225(Apr-Oct 2255)-0055 0325-0600 1025-1520 Tibetan (Amdo dialect) // 4220 5990	JUN04
C	6520,4	0,25	PRU	R Paucartambo, Paucartambo, Cusco	0930v-0300 S/Quechoa rlg. Broadcast licence ceased 14 July 2004, but it continues to broadcast irregularly	MAY04
						APR05

A	6536	0,8	PRU	R Difusora Huancabamba, Huancabamba, Piura	2200v-0130v S, ex R La Ponderosa	FEB05
B	6585,4	-	BOL	R Nueva Esperanza, El Alto, La Paz	r 0810-1205 and *2300-0300 S/Aymara rlg	FEB05
B	6780	100	PAK	R Pakistan, Rewat, Islamabad	Apr-Oct: 1230-1330 Kashmiri, 1350-1400 Balti nx, 1420-1428 Sheena nx; ck 4955	PPPPP
B	6819,5	1	PRU	R La Voz de las Huarinjas, Huancabamba, Piura	1045-0200v S, n 5060	DEC04
C	6900	5	TUR	Turkish State Meteorological Service, Ankara	0500-0950 1200-1645 Turkish	JUN04
C	6937	20	CHN	Yunnan PBS 2, Kunming, Yunnan	Minorities Sce: 2245-0045 0355-0545 1100-1500 C/Lahu/Jingpo/Lisu/Dehong Dai, Xishuangbanna Dai. C ID: "Yunnan renmin kwangpo dientai"	PPPPP
A	6940	10	ETH	R Fana, Addis Ababa	MF 0300-0430 0900-1000 1500-1700 Amharic, 0430-0530 1000-1100 1700-1900 Oromiffa; SS 0530-0730 1500-1830 Amharic, 0300-0530 1200-1500 Oromiffa // 6210	APR05
B	6950	100	CHN	China National R 1, Shijiazhuang, Hebei	2000-2400 C // 4460(ID) 4800 5030 6125, (= 7110 11760)	APR05
B	6956,9	1	PRU	R la Voz del Campesino, Huarmaca, Huancabamba, Piura	2100(Sa 1900, Su 1000) -0200v S, ID: "Rádío la Voz del Campesino siempre para vos y contigo"	APR05
B	6960	1	SOM	R Shabele, Mogadishu	0400-0600 1000-2100 Somali, relay of FM-station	APR05
A	6973	10	ISR	Galei Tzahal, Lod, Tel Aviv	≈1615v-0400v Hebrew. (= 15785). Shift times vary a lot. Operated by Israel Defence Forces. ID: "Galei Tzahal, Shidure Tsva Hagana Le' Yisrael"	APR05
B	6980	0,1	SOM	R Galkayo, Gaalkacyo, Puntland, NE Somalia	0900-1730v Somali, 1730v-1900 E. Supports Puntland regional authorities led by Colonel Abdullahi Yusuf Ahmad, d - 6979.8	MAR05
B	7100	100	ERI	Voice of the Broad Masses, Asmara	Px.1: 0330-0430 0930-1030 1700-1830 Tigrinya, 0430-0530 1600-1700 Tigre, 1500-1600 Kunama. UNMEE px: We 0700 & We 1000-1100. ID in Tigrinya: "Ezi kab Asmara Zemehalalef Medeber Radio Demtsi Hafash Eritrea Eyu"	MAR05
B	7105	150	BLR	Belaruskaje Radyjo 1, Kalodzišćy, Minsk	≈Apr-Oct: 1600-1800 Belarusian, Ru // 6040 6070 6080 exc: Local px 1600-1640(1700): Mo R Homiel: (Ru ID: "Gomielskoye oblastnoye radio"), Tu R Viciebsk (Ru ID: "V efiry Vitebsk"), We R Brest (Belarusian ID: " Havoryc Brest"), Th R Mahiliou (Ru ID: "Radio Mogilyov"), Fr R Hrodna // 6040(ID) 7110. SS R Stalica // 6010(IDs). Ck 7255. Also FS	MAR05
C	7105	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0120-0900 C // 7165 9520, (= 4000 (ID))	NOV04
B	7105	50	IND	AIR Lucknow	Northern Sce: 0630(Su 0415)-0935 (Su 1030-1130) E/Hindi, (= 4880)	MAR05
C	7105	100	MDG	R Nat. Malagasy, Antananarivo	0500-1500 F/Malagasy // 6135 9689	MAR05
D	7105	10	PAK	R Pakistan, Islamabad	Rawalpindi I: 1230-1330 Kashmiri	PPPPP
A	7110	5	BLR	Belaruskaje Radyjo 1, Hrodna	≈0400-2300 Belarusian/Ru exc. R Stalica: W 0440-0500 1600-1640 (Sa 1700) // 6010(ID) 6040 6080 6115 7145	MAR05
B	7110	100	CHN	China National R 1, Shijiazhuang, Hebei	Nov-Mar: 1200-1732 C // 4460(ID) 4800 5030 5945 6030 6175 (=6950 11760)	JAN05
A	7110	100	ETH	R Ethiopia, Gedja	0300-1000(SS -1400) 1500-2000 Amharic/Oromo/Tigre/ Somali/ Afar-Hararie Agnuak/Nuer, MF 1000-1100 E // 5990 9704.2	MAR05
B	7110	10	UGA	R Uganda, Kampala	Blue Channel: 0600-1300 E/Vn, (= 5026 )	FEB05
D	7114,8	0,5	INS	RRI Fak-Fak	RRI Cabang Pratama:2230-0400 0500-0700 Bahasa Indonesia	PPPPP
B	7115	-	CHN	China Business R	Apr-Oct: 2200-2300 C // 6010	OCT04
B	7115	10	IND	AIR Port Blair, Brookshabad, Andaman & Nicobar Islands	Southern Sce: 0315-0345(Sa -0415, Su -0500) 0700-0930 (Su-1000) E/Hindi, W 0700-0730 Malayalam, Su 0930-1000 Bengali; E nx 0730 0830 (= 4760)	MAR05
A	7115	500	UAE	R Japan, via Dhabbaya	Nov-Mar: 2200-2300 Japanese // 6115 11895, ck 5960 (ID)	MAR05
B	7120	50	CHN	China National R 8, Beijing	Nov-Mar: MS: 0200-0300 1000-1100 Korean // 9610, ck 4190(ID); 1400-1500 Kazakh // 9440, ID: "Ortalyk khalyk radiostansiasy"; 1500-1600 Uighur // 9440, ID: "Merkezi khalyk radiostansiasy"; 1600-1700 Mongolian // 9440, ck 4190(ID)	NOV04
B	7120	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0330-0530 1030-1230 Kyrgyz // 9705	JAN05
B	7120	50	IND	AIR Jaipur	Northern Sce: 0700-0940 E/Hindi, E nx 0730 (= 4910)	MAR05
B	7120	100	PNG	Wantok R, Port Moresby	F. Pl. from June 2005: Rlg px	
B	7125	100	CHN	Xizang PBS, Lhasa, Tibet	2100-0200 (Nov-Apr also 1000-1800) Tibetan incl. CNR8 MS: 1300-1400 Tibetan // 4905 4920 5240 7375 7385, (= 9490)	MAR05
A	7125	18	GUI	R Conakry, Conakry	0600v(Su 0800)-2400 F/Vn, F ID: "Ici Conakry"	APR05
B	7130	150	CHN	China Business R, X'ian, Shaanxi	Nov-Mar: 2100-0030 1100-1600 C // 3985(ID) 6010, (== 11835)	JAN05
B	7130	50	IND	AIR Shillong, Mawgrong	Northeastern Sce: 0655-0930 E/Hindi, E nx 0830 (= 4970 )	PPPPP
C	7130	10	MLA	RTM Kuching-Stapok, Sarawak	2100-1600 Bidayuh / Malay, relays nx from Kuala Lumpur on the hour, W Schools px: 0100-0300 // 6050, ck 4895 5030	MAR05

B	7130	50	TWN	CBS, Minhsiung	Nov-Mar: Mainland Network: 1400-1800 C // 6145(ID)	JAN05
B	7135	250	MRC	Rdif. TV Marocaine, Brieche	2200-2400 A to Europe, ck 5980(ID), ex 7160	MAR05
C	7135	-	MOZ	R Terra Verde, via ?	r 1100-1800 P/Vn, relay of FM-station in Maputo	MAR05
B	7140	150	CHN	China Business R, Beijing	2100-2300 1300-1600 (Apr-Oct: 0000-0300 0800-1230) C // 9515 9820, ck 3985(ID), (= 11610)	NOV04
B	7140	100	CHN	China Business R, Ge'ermu, Qinghai	2300-0300 C // 9620 9775 9820 11685 11835, (= 3985(ID))	APR05
B	7140	50	IND	AIR Hyderabad A	Southern Sce: 0225-0430 (SS-0500) 0610-0930, Su 0530-1130 E/ Hindi/Telegu, E nx 0245 0630 0830, (= 4800)	PPPPP
B	7140	100	IND	AIR Delhi, Kingsway	Domestic feeder: 1550-1615/1730 1730-1740 Hindi/E, E nx 1730	PPPPP
A	7140	100	RUS	Yakutsk, Respublika Sakha	⊘R Rossii Dubl 2: 0200-0300 0500-1600 Ru // 12075 13665. Regional px "Sakha": 2000-0200 0300-0500 0910-1100 Ru/Yakutian // 6150(ID) 7200 7345	DEC04
B	7145	5	BLR	Belaruskaje Radyjo 1, Mahiliou	⊘Apr-Oct: 0400-2300 Belarusian, ID: "Peršy nacyjanalny kanal" (= First National Channel); exc. R Stalica: 0440-0500,1600-1640 (Sa -1700) // 6010(ID) 6070 6080, ck 7235	APR05
C	7150	100	CHN	China Business R, X'ian, Shaanxi	Nov-Mar: 2100-2400 1230-1600 C // 3985(ID) 6010, ck (= 9810). NB: BBC in C 2200-2300)	DEC04
B	7150	50	IND	AIR Delhi, Kingsway	0030-0040 Hindi/E nx	PPPPP
B	7150	50	IND	AIR Imphal	Northeastern Sce: 0227-0430(Su 0530) 0645-1010 E/Hindi, E nx 0245(Delhi) 0300(Shillong) 0730 & 0830(Delhi), (= 4775)	PPPPP
A	7155	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 (Apr-Oct 2300-1800) C // 5960 9600 11770, (= 3950(ID))	NOV04
B	7155	10	PAK	R Pakistan, Quetta	⊘600-1145 (Fr 0400-0820 1000-1145) Urdu, (= 5027)	PPPPP
A	7160	50	IND	AIR Chennai A	Southern Sce: 0300-0415(Su -0530) 0710 -1130 E/Hindi, E nx 0730 0830, (= 4920)	PPPPP
C	7165	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0120-0900 C // 7105 9520, ck 4000 ID); (= 4620)	NOV04
B	7170	100	CHN	Xizang PBS, Lhasa, Tibet	2000-0157 1200-1730 C // 4820(ID+relays)5935 6050 7240,(= 11860)	APR05
B	7170	100	SNG	Olikkalanjiam, Singapore	2300-1600 Tamil, relays 96.8 FM	MAR05
B	7175	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: 0200-0256 Romanian // 9620	APR04
B	7175	250	RUS	Internews R, Kabul, via Samara	Nov-Mar: 0230-0315 Pashto, ID: "Da Salaam Watandara Radyo-dah", 0315-0400 Dari, ID: "Injá Radyo-e Salaam Watandar ast eh ast Kabul" ck 15240 15500, ex 7230 11795	MAR05
B	7180	100	ERI	Voice of the Broad Masses, Asmara	Px. 2: 0330-0430 0930-1030 1700-1800v A, 0430-0500 1530-1600 Amharic, 0500-0600 1400-1500 Afar, 1500-1530 Saho/Bilen. UNMEE px: We 1000-1100 (Ck 7100). A ID:"Huna Asmara, Idha'at Sawt al-Jamahir al-Iritriyyah", ex 7175	FEB05
B	7180	50	IND	AIR Bhopal	Western Sce: 0227-0430(Su 1115) 0700-0931(Apr-Oct 1115) E/Hindi, E nx 0245, (=3315)	MAR05
B	7185	100	AFS	SABC, Meyerton	R Sonder Gense: 0500-0700 (Apr-Oct: 0530-0800 Afrikaans, (= 3320 9650)	PPPPP
C	7185	50	BRM	R Myanmar, Yangon, Yegu	0030-0200 Bamar, 0200-0245 (SS -0300) E, (= 5985(ID) 9730)	MAR05
B	7185	100	TWN	CBS, Kouhu	Chinese Network: (SS 0900-)1000-1700 C // 11665. Jammed by CNR	MAR05
B	7190	50	IND	AIR Guwahati	Test relaying FM II: 0630-1730 E/Hindi	MAR05
A	7190	500	TUN	ERTT, Sfax	National Network: 0400-0700 A // 7275 9720 12005, 1900-2300 A // 7225 9720 12005, ID: "Idha'atu-I-gumhur iya at-tunisiyya"	MAR05
A	7195	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	2330-0200 1400-1800 Uighur // 3990(ID) 4980 6120, incl. CNR8 MS: 1500-1600 Uighur // 7120(ID) 9420 9440; (= 13670)	APR05
B	7195	100	IND	AIR Mumbai	News Channel tests: 0025-0430 0700-1330 1430-1730 E/Hindi, // 7270	APR05
B	7195	10	UGA	R Uganda, Kampala	Red Channel: 0600-1200(SS 1430) E/Swahili/Vn. (= 4976).	FEB05
A	7200	100	RUS	Yakutsk, Respublika Sakha	⊘R Rossii Dubl 2: 0200-0300 0500-1600 Ru // 12075 13665. Regional px "Sakha": 2000-0200 0300-0500 0910-1100 Ru/Yakutian // 6150(ID) 7140 7345	MAR05
B	7200	100	SDN	Sudan National Broadcasting Corporation, Omdurman	General Px: 0400-1930v A, ID:"Huna Omdurman, idha'atu-I- gümhuriya as-Sudan ad-dimugratiya". (NB: R Cairo 0030-0430 A)	MAR05
C	7200	250	BIH	R Belgrade, via Bijeljina	HS-1: 1300-1428 Serbian - reactivated September 2004	SEP04
C	7205	100	AFS	South African Radio League via Meyerton	Apr-Oct: Su 0800-0900 E // 17700, ck 9750	APR05
C	7205	-	COD	RTNC, Lubumbashi	W 0300-0700 1000-1245 1500v-2100v, Su 0300-1830v F/Vn,ex 7435	NOV04
B	7210	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0045-0800 Mongolian // 7270 9750, ck 4525(ID), incl. CNR 8 MS: 0300-0400 Mongolian // 9610 11815, ck 4190(ID); (= 4785)	NOV04
B	7210	50	IND	AIR Kolkata A	Eastern Sce: 0227-0430 0700-1000 E/Hindi, E nx 0245 0335 0730 0830 (= 4820)	PPPPP
B	7210	20	VTN	Voice of Vietnam 1, Son Tai	2200-1700 Vietnamese // 5975 9530 9550. Faulty transmitter causing spurious signals on 7196 & 7224	MAR05
D	7210,2	30	BEN	ORTB, R Benin, Cotonou	0500(SS 0600)-2300 F/ Yoruba/Bariba/Adja/Boko/Wama/Fon/Dendi/ Mina /Takoue, F ID's: "La Voix de la chaine nationale du Radiodiffusion Radio Benin"	MAY04

A	7215	500	TUR	Voice of Turkey, Emirler	♣Apr-Oct: 1800-2255 Turkish // 5960(ID) 9460 9560	APR04
B	7215	15	AGL	R Nacional de Angola, Mulenvos, Luanda	Rádio N'Gola Yetu: 0400-2000 (occ. 24 h) Mbundu/ Kongo/ Chokwe/ Lwena/Lunda; alt. fq 7244,6, n 7245	MAR05
B	7220	10	PAK	R Pakistan, Peshawar	♣Chitrali Sce: 1100-1400 for Northern Pakistan	PPPPP
A	7225	300	J	R Japan, via Yamata	Relay NHK R One:Nov-Mar 2000-2200 Japanese//11665; ck5960(ID)	MAR05
B	7225	100	PAK	R Pakistan, Islamabad	♣Nov-Mar: 0430-0515 Balti nx, 0530-0615 Sheena nx, ck 6065	PPPPP
A	7225	500	TUN	ERTT, Sfax	National Network: 1600-2300 A // 630 MW 7190 (ID) 9720 12005	APR05
A	7230	100	BFA	Rdif TV Burkina, Ouagadougou	0800-1700v F/Vn; (= 5030)	MAR05
A	7230	120	CHN	China National R 1, Xi'an Shaanxi	Nov-Mar: 2000-1732 C // 4460(ID) 4750 4800 7290 7345	JAN05
B	7230	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	(May-Oct: 2300-) 0000-0330 0530-1030 (exc. Tu/Th 0800-1100) Mongolian // 6190 9510; (= 4500(ID))	DEC04
B	7230	50	IND	AIR Kurseong	Northeastern Sce: 0619-1030(Su -1115) E/Hindi/Sanskrit, E nx 0630 0730 (= 4895)	MAR05
C	7234,6	10	INS	RRI Palu	RRI Cabang Muda: 0000-0800 Bahasa Indonesia, (= 3960,2)	MAR05
B	7235	5	BLR	Belaruskaje Radyjo 1, Mahilioú	♣Nov-Mar: 0400-2300 Belarusian; incl. Mahilioú Reg. Px 'Radyjo Mahilioú': MF 0440-0500 0910-1100 W 1600-1700 // 6190; R Stalica: Sa 0440-0500,Su 1600-1700 // 6010(ID) 6070 6080, ck 7145 (IDs)	MAR05
B	7235	50	IND	AIR Delhi (Kingsway)	Nx: 0215 Kashmiri, 0245 E, 0300 Dogri, 0310-0320 Sindhi, 0330-0355 Hindi // 3945 6030 6085 11830 15135	PPPPP
B	7235	250	SNG	R Warna, Singapore	2300-0900 1400-1600 Bahasa Malaysia, nx 1500, relays RIA, // 6120; also FS	MAR05
B	7240	100	CHN	Xizang PBS, Lhasa, Tibet	2000-0157 0858-1730 C // 4820(ID-relays)5935 6050 7170 (= 11950)	APR05
B	7240	50	IND	AIR Mumbai B	Western Sce: 0530(Su 0415)-1035 E/Hindi, E nx 0630, (= 4840)	PPPPP
A	7245	100	MTN	R Mauritanie, Nouakchott	0830v-1700v A/F/Wolof/Soninké/Fulani,(= 4845), shift from 4845 varies between 0800 and 0900; alt fq 9610	MAR05
A	7245	100	TJK	Tajik R, Yangiyul	HS 2: 0300-1300 Tajik/Uzbek/Ru, ck 4635(ID), also FS: 0100-0200 1300-1500	FEB05
B	7250	50	IND	AIR Gorakhpur	Domestic feeder: 1130-1140 Hindi/E nx, also FS	PPPPP
D	7255	150	BLR	Belaruskaje Radyjo 1, Kalodziszcy, Minsk	♣Nov-Mar: 1700-1800 Belarusian/Ru // 6080 6115; relays of BR Regionals: 1600-1640(Sa 1700): Mo: Homiel, Tu: Viciebsk, We: Mahilou, Th: Brest, Fr: Hrodna. Ck 7105	MAR04
A	7255	250	IND	AIR, Aligarh	Feeder: 1530-1545 E nx // 9820 9910 11740, also FS	APR05
A	7260	50	MNG	Mongolian National R, Khonkhor, Ulaanbaatar	HS 2: ♣2200-1600 Mongolian to Eastern Mongolia // 4830(ID) 4 895.	MAR05
A	7260	4	VUT	R Vanuatu, Emten Lagoon	1855-1115v(Su 1000) Bislama/E/F. Yellow Bird IS. Nx relays: R Australia: 2000 E, RFI: 2100 F, BBC: W 2200 E. Alt. fq: 4960	MAR05
A	7265	5	BLR	Belaruskaje Radyjo 2, Hrodna	♣'Kanal Kultura': 0500-2200 Belarusian	NOV04
B	7267,2	100	PAK	R Pakistan, Rewat, Islamabad	♣Rawalpindi III (Azad (Our) Kashmir): 0900-1215 Kashmiri,n 7265, (= 4790(ID))	PPPPP
B	7270	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0045-0830 Mongolian // 7210 9750, (= 4525 (ID)). Incl. CNR 8 MS: 0300-0400 Mongolian // 9610 11815, ck 4190(ID)	FEB05
A	7270	100	IND	AIR Chennai	FM Gold Service: 0700-1330 1430-1730 Hindi/E, E nx: 1530 // 7195, ck 7275	MAR05
B	7270	100	MLA	RTM, Kuching-Stapok, Sarawak	MF 2200-0100 0400-0700 Iban, 0100-0400 0700-1600 Bidayuh, ck 4895 6050	MAR05
B	7275	100	CHN	China National R 1, Beijing	2000-0030 1230-1732 C // 4460(ID) 4800 5030 7935, (= 15380)	JAN05
B	7275	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 exc. Tu 0800-1100 Uighur // 9560 11885 13670, incl. CNR 8 MS: 0600-0700 // 9560, ck 7120(ID); (= 3990(ID))	NOV04
A	7275	100	IND	AIR Chennai	FM Gold Service: Apr-Oct: 0025-0430 Hindi/E, ck 7270	APR05
C	7275	100	NIG	FRCN, Abuja	Ch 1: 0430-2305 E/Hausa/Igbo/Yoruba. E nx 0600 1500 1800 2100	DEC04
A	7275	500	TUN	ERTT, Sfax	National Network: 0400-0700 A // 7190 (ID) 9720 12005	FEB05
B	7280	50	CHN	Voice of the Strait, Fuzhou, Fujian	Literary and Life Channel: 0000-1400 exc. We 0400-1000 Amoy/ Hakka, (= 5050(ID))	MAR05
B	7280	50	IND	AIR Guwahati A	Northeastern Sce: 0600-0930 0945(Su 0530)-1145 E/Hindi, E nx 0630 0730, (= 4940 (ID))	PPPPP
A	7284,4	100	MLI	Rdif.TV Malienne, Kati,Bamako	0758-1757 F/Vn // 9634 11960, d -7284,5	MAR05
D	7289	0,5	INS	RRI Serui, PP	RRI Cabang Pratama: 2315-0800v Bahasa Indonesia, (=4606)	PPPPP
C	7289,9	-	INS	RRI Nabire, PP	0500-0820 Bahasa Indonesia, Jakarta nx 0700 0800	MAR05
B	7290	100	CHN	China National R 1, Beijing	2000-0130 1200-1732 C // 4460 (ID) 5030, (= 17890)	APR05
B	7290	50	IND	AIR Thiruvananthapuram (ex Trivandrum), Muttathura	Southern Sce: 0227-0415(Su -1030), 0630-0930v E/Hindi, E nx 0245 0630 0830 (= 5010)	AUG04
B	7295	50	IND	AIR Aizawl	Northeastern Sce: 0700-0930 E/Hindi, E nx 0730 0830, (= 5050)	PPPPP
B	7295	100	MLA	RTM, Kuala Lumpur, Kajang	R 4: 24 h E, nx 2300 0530 1200 1330 1500, relays 90,5 FM, ID: "Radio Four"	MAR05
A	7300	500	TUR	Voice of Turkey, Emirler	♣Nov-Mar: 2200-0755 Turkish, ck 5960(ID)	FEB05
B	7305	100	CHN	China National R 1, Shijiazhuang, Hebei	Nov-Mar: 2000-2200 0800-1732 C // 4460(ID) 4800 5030 5945 6030 (= 11750)	JAN05
B	7306	0,7	I	R Europe, Pioltello	♣Sa/Su 0730-1400v Italian (USB) (Pirate)	FEB05

B	7310	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	2330-0300 1400-1800 C // 3950(ID) 5060 5960, (= 9600)	MAR05
A	7310	250	RUS	R Rossii, Taldom, Moskva	☞Central px: Nov-Mar: 1520-1800 Ru, ck 5895 9450 17600	FEB05
A	7315	120	CHN	China Business R, Xi'an, Shaanxi	2100-0100 (Apr-Oct: 1000-1100-1600 C // 3985(ID) 9620, (= 11660)	NOV04
A	7320	100	RUS	R Rossii, Arman, Far East	☞Dubl 1: 1800-1400 Ru // 5940 6075	JAN05
D	7325	100	RUS	Tbilisskaya, Krasnodar	Px for Circassian minority in the Near East: Apr-Oct: 1800-1830 Adyghian (from GTRK "Adygeya", Maykop); 1830-1900 Kabardian / Balkar / Ru (from GTRK "Kabbalkteradio", Nalchik), ck 6005	MAY04
B	7335	100	CHN	China Business R, Xi'an, Shaanxi	2100-0030 1000-1600 C // 3985(ID) 11740, (= 11915)	APR05
A	7340	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 (Apr-Oct 2330-1200) (exc. Tu/Th 0800-1100) Kazakh // 9470; (= 4330(ID)), incl. CNR8 MS: 0500-0600 Kazakh // 11630, ck 7120(ID)	NOV04
A	7345	100	CHN	China National R 1, Beijing	2000-2400 0800-1732 (Apr-Oct 2300-0400 0700-1500) C // 4460(ID) 4800 5030, (= 15550)	MAR05
A	7345	100	RUS	R Rossii & NVK "Sakha", Yakutsk, Respublika Sakha	☞R Rossii Dubl 2: 0200-0300 0500-1600 Ru. Regional px NVK "Sakha": 2000-0200 0300-0500 0810-0830 0910-1100 Ru/Yakutian // 6150(ID) 7200	MAR05
B	7350	100	CHN	China Business R, Xi'an, Shaanxi	Nov-Mar: 0900-1300 1400-1600 C // 3985(ID) 6010 7335 9820, (= 7360 11685)	JAN05
B	7350	100	CHN	China National R 8, Xi'an, Shaanxi	Nov-Mar: 1300-1400 Tibetan // 6010(ID) 6130	NOV04
B	7350	15	CHN	Heilongjiang PBS, Harbin, Heilongjiang	2205-0540 0840-1130 (Apr-Oct 2100-0600 0855-1130) C // 4840, ID: "Heilongjiang Renmin Guangbo Diantai"	PPPPP
B	7360	100	CHN	China Business R, Xi'an, Shaanxi	2100-2300 C // 3985(ID) 6010 7335, (=11685)	NOV04
B	7360	100	CHN	China National R 8, Xi'an, Shaanxi	MS: 2300-2400 Tibetan // 4905 4920 6010(ID) 7375 9480	FEB05
B	7360	50	IND	AIR Delhi	News Channel: 0025-0430 0700-1330 1430-1730 E/Hindi	MAR05
A	7365	10	HRV	Hrvatski R, Deanovec	☞Nov-Mar 0500-0800v Croatian // 6165(ID) 9830, (= 13830)	DEC04
B	7375	50	CHN	China Business R, Beijing	1400-1600 C // 3985(ID) 7140 (= 7385 11800)	JAN05
B	7375	100	CHN	Xizang PBS, Lhasa, Tibet	Nov-Apr: 2100-0200 Tibetan // 4905 (ID + relays) 4920 7360, incl. CNR 8 MS relays 2300-2400 Tibetan	JAN05
B	7385	150	CHN	China Business R, Beijing	Nov-Apr: 2100-0030 C // 3985(ID) 9515 9820, (= 7375 11800)	JAN05
B	7385	100	CHN	Xizang PBS, Lhasa, Tibet	0930-1800 (Apr-Oct also 2100-0200) Tibetan/E // 4905(ID + relays) 4920 5240 6130, (= 7375 9580)	APR05
B	7395	100	PAK	R Pakistan, Rewat, Islamabad	Rawalpindi px: 0600-0900 Urdu, exc. nx: 0600 0700 Urdu, 0703 Punjabi, 0800 E; Islamabad px: 0900-1115 exc. nx: 0903 Pashto, 1000 Urdu, 1100 English	MAR05
A	7400	100	BUL	R Varna, Varna	☞Relays domestic px "Zdravei More" (= Hello Sea): Su 2200-Mo 0400 Bulgarian // 774 MW, ck 9500	APR05
A	7420	50	IND	AIR Guwahati	FM Gold Service: 0025-0430 0700-1330 1430-1730 E/Hindi // 7270	MAR05
A	7420	500	S	R Sweden, Hörby	☞Nov-Mar: HS 1: 1645-1700 (MF-1715) Swedish // 1179MW 13580	MAR05
A	7430	250	GRC	R Filia, via Kavala	Relay ERA HS: 1400-2000 A/G 1430-1500/ Ru/S 1530-1600/ Romanian/ Turkish/Serbian/ Bulgarian/ Albanian/ F 1830-1900/ Polish/ E 1930-2000	MAR05
B	7445	100	TWN	CBS, Paochung	General Network: 1300-1500 C // 15265, ck 6150(ID)	NOV04
A	7450	100	GRC	Macedonian R Station, via Avlis	☞Macedonia 1: 1600(Apr-Oct 2000)-2250v Greek. ID's: "Edo Thessaloniki", "Elliniki Radiophonia, Radiophonikos Stathmos Makedonias", ck 9375 9935	FEB05
A	7465	100	RUS	R Radonezh, via Novosibirsk	1700-2000 Ru to Ukraine, Belarus and Eastern Europe	JAN05
D	7507	10	PTR	AFRTS feeder, Roosewelt Roads, Isabela	24 h E (USB) // 5446,5 or 12135, 5765 6350 7590 7811 9980	SEP04
C	7530	5	SOM	R Hargeisa, Hargeisa, Somaliland, Northern Somalia	0400-0600 0900-1200 1500-2000 Somali, ID: "Halkani wa Radio Hargaisa, Codka Jamhuriyada Somaliland" (= R Hargeisa, Voice of the Republic of Somaliland); E 1920-1940, 15 min in Amharic to Ethiopia. Operated by Somaliland President Abdirahman Ahmed Ali	MAR05
B	7545	250	ISR	Kol Israel, Yavne	Reshet Bet: Nov-Mar: 0000-0430 0500-0555 Hebrew	MAR05
B	7590	10	ISL	AFRTS feeder, Grindavik	24 h E (USB) // 9980, ID: "This is American Forces Network", nx from NPR and CNN. U.S. Navy utility site	APR05
B	7620	50	CHN	China National R 5 (Taiwan 1), Beijing	0955-0005 C/Amoy // 5925(ID) 9380, ck 11935	MAR05
B	7811	10	USA	AFRTS feeder, Key West, FL	24 h E (USB) // 5446,5 or 12135, 6350 7507 7590 9980, n 7812.5	MAR05
A	7935	100	CHN	China National R 1, Lingshi Shanxi	2000-2300 1030-1732 C // 4460(ID) 4800 5030, (= 15180)	APR05
C	8749	-	CHN	VRX, Hong Kong R (Utility station in USB)	0033-0045v 1033-1045v E weather reports during Hong Kong Yacht Club Races	OCT04
B	9170	50	CHN	China National R 6 (Taiwan 2), Beijing	2055-0105 1130-1805 C/Amoy to Taiwan // 6140(ID)	OCT04



B	9181	0,3	J	NHK, Osaka 2	0330-0430 Japanese with language lessons in C/E/G (USB)	NOV04
C	9215	-	BOL	R Virgen de los Remedios, Tupiza, Potosí	Tests since March 2005: 1200 and 2000-2400 S rlg, d 9187-9222. ID:" Radio Virgen de los Remedios, onda corta y FM"	APR05
D	9310	7	SDN	Voice of New Sudan, Narus	Hit by lightning after first tests in July 2004. May be replaced by 9485	JUL04
C	9345	250	ISR	Kol Israel, Yavre	Reshet Bet: Nov-Mar: 1700-0500, Apr-Oct: 0000-0430 0500-0600 Hebrew (= 15760)	APR05
A	9375	100	GRC	Macedonian R Station, via Avlis	Macedonia I: Apr-Oct: 1200v-1950v Greek, ck 7450 (ID), ck 9935	JUN04
B	9380	50	CHN	China National R 5 (Taiwan 1), Beijing	0955-0005 C/Amoy // 5925(ID) 7620, ck 15710	JAN05
A	9390	500	S	R Sweden, Hörby	P1: 2100-2200 Swedish // 1179MW 6065(ID)	APR05
B	9420	100	CHN	China National R 1, Lingshi, Shanxi	Nov-Mar: 1000-1100 1200-1400 C // 4460(ID) 7230 7305 7935 11925, (= 9455)	JAN05
B	9420	100	CHN	China National R 8, Lingshi, Shanxi	Sep-Mar: 0900-1000 1400-1500 Kazakh, 1100-1200 1500-1600 Uighur, 1600-1700 Mongolian // 7120(ID), (= CNR 1 15390), ex 9430	JAN05
A	9425	500	IND	AIR Bangalore	National Channel: 1320-0040v Hindi/E, incl rebroadcast of Vividh Bharati 1740-0040 // 1215 1566 MW 9470. E nx 1530 1830	APR05
A	9435	500	S	R Sweden, Hörby	Relays HS in Swedish: P1: MF 0430-0600, D 1545-1700 (S S-1730) 2100-2200; P4: Su 1800-1900, ck 1179MW 6065(ID) 9390 9490 13580, also FS	APR05
B	9440	50	CHN	China National R 8, Beijing	Nov-Mar: MS: 1400-1500 Kazakh, 1500-1600 Uighur // 7120(IDs) 9630, 1600-1700 Mongolian // 7120 11630, ck 4190(ID)	MAR04
A	9450	250	RUS	R Rossii, Moskva	Central Px: Apr-Oct: 1620v-2200 Ru // 171 LW, ck 13665; also FS	APR05
A	9455	100	CHN	China National R 1, Lingshi, Shanxi	2000-2400 C // 4460(ID) 4750 4800 5030 6030 13610, (= 9420 12055)	FEB05
A	9455	100	CHN	China National R 8, Lingshi, Shanxi	MS: 0000-0100 Uighur // 9655 11630 11810 15670, 0100-0200 Kazakh // 11630 11810 15390 15670, ck 7120(IDs)	NOV04
B	9460	100	CHN	China National R 1, Lingshi, Shanxi	Apr-Oct: 1100-1400 C // 7305 9500 11630 13700, ck 4460(ID), (= 9455)	MAY04
B	9460	100	CHN	China National R 8, Lingshi, Shanxi	MS: Apr-Oct: 1400-1500 Kazakh, 1500-1600 Uighur // 7120(IDs) 9440	MAY04
A	9460	500	TUR	Voice of Turkey, Cakirlar	Apr-Oct: 1700-0755 Turkish // 5960(ID) 9560	APR05
B	9470	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 (exc. Tu/Th 0800-1100) Kazakh // 7340, ck 4330(ID); CNR8 MS: 0500-0600 Kazakh // 11630 11780 15415, ck 7120(ID); (= 6015)	JAN05
A	9470	250	IND	AIR Aligarh	Relay Delhi FM Gold: 0130-0530 0930-1230 Hindi/E; relay National Channel: 1320-0040v Hindi/E // 9425, E nx 1830	APR05
B	9480	100	CHN	China Business R, Xi'an, Shaanxi	2100-2300 0000-0100 0900-1300 1400-1600 C // 3985(ID) 6010 6090; (= 15570)	MAR05
B	9480	100	CHN	China National R 8, Xi'an, Shaanxi	MS: 2300-2400 0800-0900 Tibetan // 4905(ID) 4920 5240 6010(ID) 7360 7375 9530	NOV04
B	9480	250	RUS	R Rossii, Taldom, Moskva	Central px: Apr-Oct: 0200-0700 Ru // 171 LW, ck 13665	APR04
C	9480	100	RUS	Razdolnoye, Kamchatskaya Ob.	Radiostantsiya Tihkiy Okean: 0740-0800 Ru, also tests 0635-0659	NOV04
B	9485	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1800-1900 A // 11635(ID) s) 11715 11860	MAR05
A	9490	100	CHN	Xizang PBS, Lhasa, Tibet	0200-1000 (Apr-Oct -1800) Tibetan/E // 4905(ID + relays) 4920 5240 6110 6130 7385 9580; (= 7125)	NOV04
A	9490	500	S	R Sweden, Hörby	P1: MF 0600-0800, Su 0800-1000 // 13580; P4: 1100-1110, Sa 0700-0900 Swedish, ck 6065(IDs); also FS	APR05
A	9495	5	GEO	Abkhazian State R, Sokhumi (= Soxum)	1400-1430 1600-1715 1945-2000, Tu-Sa 0200-0230, Su/Mo 0345-0430 Abkhasian // 1350 MW, Abkhasian ID: "Apsua Radio", Ru ID: "Abkhazskoye Radio". Relays from Russia in Ru: R Sochi: 0430-0445 1430-1500, R Kuban: 0400-0430 0445-0500 0800-0900 1500-1530, Adygei R: Sa 1310-1400, R Rossii Central px : 0300-0400 0500-0800 0900-1000v 1130-1300 (Sa -1310) 1530-1645 1745-1800, n 9495, d - 9489,6. Schedule varies daily	APR05
A	9500	100	BUL	R Varna, Varna	Nov-Mar: Relays domestic px "Zdravei More" (= Hello Sea): Su 2200-Mo 0400 Bulgarian // 774 MW 7400, 2000-1732 C // 4460(ID) 4750 4800 5030 6030 13610	FEB05
A	9500	100	CHN	China National R 1, Shijiazhuang, Hebei		APR05
B	9504,8	0,2	PRU	R Tacna, Tacna	MF 1000-2400 S, d 9504,5 - 9505,0; n 9505	MAR05
A	9504,9	7,5	B	R Record, São Paulo, São Paulo	[Oct-Feb] 0800-0200 P // 6150	MAR05
B	9510	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0530-1030 (exc. Tu/Th 0800-1030) Mongolian // 7230, ck 4500(ID) (= 6190)	NOV04
B	9510	500	S	R Sweden, Hörby	HS 1: Nov-Mar: 2100-2200 Swedish // 1179MW 6065(ID)	MAR05
A	9515	10	B	R Novas de Paz, Curitiba, Paraná	0800-0300 P px of Evangelical Churches // 6080 11725, ID: "Radio Novas de Paz, 9515, 11725 kHz, Curitiba, Paraná, Brasil".	APR05
B	9515	100	CAN	Canadian Broadcasting Corp., via Sackville	1300-1600 (SS 1400-1700) E // 13655 17820, ck 5960(ID)	MAR05
A	9515	150	CHN	China Business R, Beijing	2100-2400 1100(Apr-Oct: 1130)-1600 C // 3985(ID) 7140, (=17625)	NOV04
B	9515	100	OMA	R Sultanate of Oman, Seeb	0400-0600 A, ck 6085 (ID)	MAR05

B	9520	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0120-0900 C // 7105 7165, ck 4000 (ID); (= 6045)	NOV04
B	9525	250	CAN	Canadian Broadcasting Corp., via Sackville	Su 2230-2300 E // 11810 12035, also FS	APR04
B	9530	10	B	R Trans Mundial (TWR), Santa Maria, Rio Grande do Sul	[ <del>Oct</del> -Feb] 2000-0300 P // 11735, ck 5965, transmitter is owned by R Nova Visão	FEB05
B	9530	100	CHN	China Business R, Xi' an, Shaanxi	0000-0400 0500-0800 0900-1030 C // 9620 15500, ck 3985(ID) (= 6010)	NOV04
B	9530	100	CHN	China National R 8, X'ian	0400-0500 0800-0900(exc. We) Tibetan // 11685 15570, ck 6010(ID)	NOV04
A	9530	300	GUF	R Japan, via Montsinery	Relay NHK R One: 0800-0900 Japanese// 9540 11710, ck 5960(ID)	APR04
B	9530	250	ROU	R Romania Int. 1, Tiganesti	Apr-Oct: 1700-1756 Romanian	APR04
C	9530	50	VTN	Voice of Vietnam 1, Son Tai, Hanoi	2200-1700 Vietnamese // 5975 7210 9550, ck 5925(ID)	MAR05
B	9535	0,6	J	NHK, Fukuoka 1	0415-0730 Japanese (USB) // 9550	MAR05
B	9535	0,6	J	NHK, Sapporo 1	0100-0330 Japanese	MAR05
A	9540	300	J	R Japan, via Yamata	Relay NHK R One: Apr-Oct: 0800-0900 Japanese // 9825 11710, 1500-1600 Japanese // 12045 21630, ck 5960 (ID)	APR04
C	9550	10	B	R Boa Vontade, Porto Alegre, Rio Grande do Sul	24 h P // 6160(ID) 11895. Rlg px from Sistema Mundial LBV, Rio de Janeiro: "Legião da Boa Vontade"	JUL04
B	9550	10	COD	R Okapi, Kinshasa	24 h E/F/Lingala/Swahili/Chiluba/Vn // 6030 11690. Produced by UN Observer Mission and Foundation Hirondelle. Some days Off.	NOV04
B	9550	0,9	J	NHK, Kasuka, Tokyo 1	0415-0730 Japanese (USB) // 9535	MAR05
B	9550	20	VTN	Voice of Vietnam 1, Son Tai	2200-1700 Vietnamese // 5975 7210 9530, ck 5925(ID)	MAR05
C	9553,3	7,5	INS	RRI Makassar (ex Ujung Pandang), CS	RRI Cabang Madya: 0000v-0800v Bahasa Indonesia // 4750. Relay of MW & FM. Poor modulation. Some days E 0300	MAR05
B	9555	100	AFS	Christian Voice, via Meyerton	Apr-Oct: 0515-1545 E rlg	MAR05
B	9555	500	ARS	BSKSA, Riyadh	General px: 1755-2300 A // 9870 1440MW. ID: "Itiha' a till Mamlakah till Arabiyah al-Saudiyah min Riyadh"	JAN05
B	9560	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	0300-1200 (exc. Tu 0800-1100) Uighur // 7275 11885 13670, ck 3990(ID), incl CNR 8 MS: 0600-0700 // 7275, ck 7120(ID); (=6120)	JAN05
A	9560	300	J	R Japan, via Yamata	Relay NHK R One: 2100-2200 Japanese // 11910	APR04
B	9560	500	TUR	Voice of Turkey, Emirler	≈1700-2255 Turkish // 5960(ID) 7215 9840	MAR05
A	9565	20	B	R Tupi, Curitiba, Paraná	[ <del>Oct</del> -Feb] 24 h P/S // 6060 11765, S rlg px: "La Voz de la Liberación" produced in Buenos Aires.	FEB05
B	9570	100	CHN	China Business R, Ge'ermu, Qinghai	2300-0300 0800-1000 (Apr-Oct 0100-0300 0800-1200) C // 7140 9530 9620, ck 3985(ID), (= 6090)	JAN05
B	9575	50	IND	AIR Delhi	1330-1420, 1430-1440, 1445-1615/1630/1700/1730v, 1730-1740 E/Hindi. Nx: E 1530 1730, Assamese 0135 0810 1335, Bengali 0155 0800 1405, Oriya 0145 0820 1345, Nepali 1355 // 15135 15185	NOV04
A	9575	250	MRC	R Mediterranée Int., Nador	24 h F/A, ID: "Médi 1"	APR05
C	9580	50	ARS	BSKSA, Jeddah	HS 2: 0256-0600 1700v-2200v A, (= 11855); also r on half frequency 4790	JAN05
B	9580	100	CHN	Xizang PBS, Lhasa, Tibet	0200-0930 Tibetan // 9490, incl. CNR 8 MS: 0400-0500 Tibetan // 9530 11685 15570, ck 6010(ID); W 0700-0715 E; (= 7375 7385)	NOV04
A	9580	250	GAB	Africa No.1, Moyabi	0500-2300 F // 15475 or 17630, ID: "Africa numero un"	APR05
C	9581,9	0,25	PHL	PBS, Marulas, Valenzuela	2130-0915v Tagalog/E: R Ng Bajan with px "Radio Periotico" to all PBS stations in the Pilippines. Also relays DZRM. Transmitter problems, d -9619,9. Off May-December 2004	MAR05
C	9585	10	B	R Globo, São Paulo, São Paulo	[ <del>Oct</del> -Feb] 24 h P px from São Paulo // 6120, ck 6030 11805	FEB05
C	9590	100	CHN	China National R 1, Ge'ermu, Qinghai	2000-0300 0800-1100 C // 7110 9630 15300 15480, ck 4460(ID),	MAY04
B	9590	500	F	R Centrafrique, Bangui, via Issoudun	Relays Chaine Nationale: Nov-Mar: 1700-2300 F	APR05
B	9595	250	IND	AIR Delhi, Aligarh	0800-0830 1130-1140 Hindi/E. Nx: E 1135, Punjabi 0810, Urdu 0820; also FS	DEC04
A	9595	50	J	Nikkei R Broadcasting Corp., Nmagara, Chiba, Tokyo	HS 1: 2030(seasonally 2040)-1500 (Fr/Su 1510, Mo 1550) Japanese, // 3925(ID) 6055	FEB05
B	9600	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	0300-1400 (Apr-Oct 2300-0900) C // 9835, ck 3950(ID); (= 7310)	DEC04
B	9600	10	CUB	R Rebelde, Bauta	0300-1745v S, ck 5025(ID) 6120 11655	APR05
A	9610	50	CHN	China National R 8, Beijing	MS: 0200-0300 1000-1100 Korean // 7120; 0300-0400 0700-0800 1200-1300 Mongolian // 5420 11815, ck 4190(IDs)	DEC04
B	9610	100	COG	R Congo, Brazzaville	0700-1700 F/Vn, (= 5985), ck 6115. Alt. for 5985: 0430-0700 1700-2300. Ck 5985(IDs). Unstable transmitter	MAR05
A	9615	75	B	R Cultura, São Paulo, São Paulo	[ <del>Oct</del> -Feb] 0800-0300 P // 6170(ID) 17815, relays "R Cultura FM"	APR05
A	9615	100	NZL	R New Zealand Int., Rangitaiki	Apr-Oct: 0459-0705 E incl. relays of National R Net, ck 15340	AUG04
C	9619,9	0,25	PHL	PBS, Marulas, Valenzuela	2130-0915v Tagalog/E, alt. to 9581,9	APR05
A	9620	150	CHN	China Business R, Beijing	2100-1600 C // 3985(ID) 9515 9755 9775 11610	APR05
B	9620	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: 0200-0256 Romanian // 7175	AUG04

C	9620,8	0,35	URG	CXA6, S.O.D.R.E., Montevideo	24 h S, relays CX6 650 kHz. Classical music. ID: "Transmite CX6, en 650 kHz y CXA6 en 9620 kHz, emisoras de Rádio Difusora Nacional, SODRE, Montevideo, Republica Oriental de Uruguay." (NB: REE Spanish to SAm 0000-0500 on 9620!)	JAN05
B	9625	15	BOL	R Fides, La Paz	1000(Su 1100)-1800v, Fr/Sa 2100v-0500 S/Aymara // 6155(ID), d - 9624,7	FEB05
A	9625	100	CAN	CBC Sackville	Northern Quebec Service: 1055-0605 E/F/Inuktitut/Cree, ID: "CBC North, Quebec"	FEB05
B	9625	500	TUR	Voice of Turkey, Emirler	≈1300-1655 Turkish // 11955 15350	MAR05
A	9630	10	B	R Aparecida, Aparecida, São Paulo	[≠Oct-Feb] 0630-0200v P rlg // 5035 6135 11855,relays R Nazaré FM	APR05
B	9630	100	CHN	China National R 1, Ge'ermu Qinghai	2000-0300 0800-1200 (Apr-Oct: 0100-0300,0800-1732) C // 4460(ID) 9710 (=6080)	FEB05
B	9630	100	CHN	China National R 1, Lingshi, Shanxi	Nov-Mar: 1200-1400 C // 4460(ID) 9500 9710 9890, (= CNR8 9655)	JAN05
B	9630	100	CHN	China National R 8, Lingshi, Shanxi	Nov-Mar: 1400-1500 Kazakh // 7120(ID) 9440 11630, 1500-1600 Uighur, 1600-1700 Mongolian // 9440 11630	JAN05
B	9635	100	CHL	R Voz Cristiana, Calera de Tango	1300-2200 S; relays R Amistad, Córdoba, Argentina on 99.1 FM, ck 6070	DEC04
D	9635	100	MLI	Rdif.TV Malienne,Kati, Bamako	0758-1757 F/Vn, // 7285 11960. Transmitter problems, d-9633. Poor modulation and Off since DEC 2004. (= 4835)	NOV04
A	9645	7,5	B	R Bandeirantes, São Paulo, São Paulo	[≠Oct-Feb] 24 h P // 6090 11925	MAR05
B	9645	100	CHN	China National R 1, Beijing	2330-0830(Apr-Oct 2200-0100 0300-1300) C // 9675, (= 4460)	MAR05
B	9650	100	AFS	SABC, Meyerton	R Sonder Gense: 0800-1600 Afrikaans, (= 3320 7185)	MAR05
A	9650	500	UAE	R Japan, via Dhabbaya	Relay NHK R One: Apr-Oct: 2000-2400 Japanese // 11910	MAY04
A	9655	100	CHN	China National R 1, Lingshi, Shanxi	2000-2400 C // 4460 (ID) 4800 6030	NOV04
A	9655	100	CHN	China National R 8, Lingshi, Shanxi	Nov-Mar: 0000-0100 Uighur // 9455 11630, (= CNR 1 9630), ck 7120(ID)	NOV04
C	9655	10	CUB	R Rebelde, Bauta	r 0440 S // 5025, ID: "Portada Rebelde en Rádio rebelde"	MAY04
A	9660	300	GUF	R Japan, via Montsinery	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 17560 17825	MAR05
A	9660	100	J	Canadian Broadcasting Corp., via Yamata	1200-1300 E // 15170, ck 5960(ID), also FS	APR05
A	9660	100	TWN	CBS, Kouhu	Mainland Network "Dateline with Taipei": 2300-0300 C // 9680, ck 6145(ID)	DEC04
A	9665	10	B	R Marumby, Florianópolis, SC	[≠Oct-Feb] 0900-0200 P (NB: R Nacional do Brasil, Brasilia has FS in P on 9665 MF 1900-2100, repeated 0500-0700, SS 1800-2200 (football), 0500-0800 (music))	MAR05
B	9665,5	-	KRE	KCBS, Pyongyang	2000-1800 Korean // 2850 3960 6100 11680	MAR05
A	9670	100	I	RAI, Prato Smeraldo	≈HS 1: Su 1350-1730v Sports & nx // 21520 21550 Italian; also FS	APR05
B	9675	500	ARS	BSKSA, Riyadh	HS 2: 0300-0855 A, ck 11855	APR05
A	9675	10	B	R Canção Nova, Cachoeira Paulista, São Paulo	[≠Oct-Feb] 24 h P // 4825 6105, DX-Mailbag "Além Fronteiras" Sa 2200-2300 with E IDs	APR05
B	9675	100	CHN	China National R 1, Beijing	2300-1000 (Apr-Oct 2230-1300) C // 4460 (ID) 4800 9645, (=5030)	MAR05
B	9675	100	PNG	NBC, Port Moresby	Karai (National) Sce: 2200-0700v E/Tok Pisin/Vn, ck 4890,sometimes also replacing 4890 0700-1400v	MAR05
A	9677,7	5	AZE	Voice of Justice, Stepanakert	≈We/Sa 0600-0630v Azeri, ID: "Ädälän Säsi Radiosu" (= Voice of Justice). Private, licensed station in Artsakh break-away Rep. (= Nagorno-Karabakh). Poor modulation	APR04
B	9680	250	INS	RRI Jakarta, Cimanggis	RRI Pro-Empat (4): 2200-1600v Bahasa Indonesia	MAR05
B	9680	100	TWN	CBS, Huwei	Chinese Network: 1400-1700 C // 6085. Mainland Network "Dateline with Taipei": 2300-0300 C // 9660, ck 6145(ID). Jammed	NOV04
B	9680	100	USA	CBS, Taipei, via Okeechobee,FL	General Network: 0400-0500 C // 15270 15320. Dialect Network: 0500-0600 Cantonese // 5950 15320; also FS	NOV03
C	9684,8	7,5	B	R Gazeta, São Paulo, São Paulo	[≠Oct-Feb] 0900-0300 P // 5955 15325, mostly relays of R Canção Nova	MAR05
B	9689	10	MDG	R Nat. Malagasy, Antananarivo	0500-1600 Malagasy/F // 6135 7107, (= 3287,7), d 9688,9-9692,3	MAR05
B	9690	100	CHN	China Nat. R 8, Baoji, Shaanxi	MS: 1100-1200 Uighur // 9420 11780 12055, ck 7120(ID)	JAN05
B	9690	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: 1600-1656 Romanian // 11960	APR04
A	9690	250	RUS	TRK "Novyy vek" (New Century), Kazan, Tatarstan, via Samara	≈ On the Tatarstan Wave: Apr-Oct: 0700-0800 Tatar/Ru for Tatars in Siberia and the Urals. Ru ID: "Na volne Tatarstana", Tatar ID: "Tatarstan dulkynynda". R Tatarstana on MW/FM is mentioned. Ex Voice of Tatarstan (Tatarstan Awazy), ck 11915 11925 15105	APR05
B	9695	7,5	B	R Rio Mar, Manaus, Amazonas	0900-2300v P, partly with px from Rede Bandeirantes de Rádio	APR05
A	9704,2	100	ETH	R Ethiopia, Gedja	0300-1000(SS -1400) 1500-2000 Amharic/ Oromo/ Tigre/ Somali/ Afar-Hararie Agnuak/Nuer, MF 1000-1100 E // 5990 7110	MAR05
A	9705	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0330-0530 1030-1230 Kyrgyz // 7120	JAN05

D	9705	100	NGR	La Voix du Sahel, Niamey	0500-2200(Fr/Sa 2300) F/Hausa/ Djerma/Fulani /Tuareg, Su 2000-2030 E. F ID: "Radiodiffusion Télévision du Niger"	APR04
B	9710	100	CHN	China National R 1, Shijiazhuang, Hebei	2000-2330 (Apr-Oct 2000-2400 0100-0300 0900-) 1100-1732 C // 4460(ID) 4750 4800 5030 9655 (= 11720)	JAN05
B	9715	50	ARS	BSKSA, Jeddah	Holy Qur'an: 0255v-0855v A // 15170 15380 17895	FEB05
B	9720	150	CHN	China Business R, Xi' an, Shaanxi	0000-1000 C // 9530 9810 11685 1191512080, ck 3985(ID)	JAN05
A	9720	5	PRU	R Victoria, Lima	24 h S/P, sl: "La Voz de la Liberación" // 6020,3; n 9720, d 9720,1-9720,4	APR05
A	9720	500	TUN	ERTT, Sfax	National Network: 0200-0500v 1600-2100 A // 7190(ID) 7225 12005	APR05
A	9725	7,5	B	R Clube Paranaense, Curitiba, Parana	[xOct-Feb] 0800-2200 (Su 2300) P, some days 24 h	APR05
B	9730	50	BRM	R Myanmar, Yangon, Yegu	(SS 0245-)0330-0700 Bamar, 0700-0830 E, (= 5985(ID) 7185)	JAN05
A	9736,9	100	PRG	R Nacional del Paraguay, Asunción	24 h S, ID: "Radio Nacional del Paraguay, Emisora Nacional del Estado Paraguayo". n 9735	APR05
B	9743,3	10	INS	RRI Sorong, PP	RRI Cabang Muda : 0115-0800 Bahasa Indonesia, often relays RRI Jakarta // 9680 11860; (= 4874,6)	MAR05
C	9745	60	BHR	R Bahrain, Ras Hayan	General Px: 24 h A, ID's: "Huna al Bahrain", "Idhaat mamlakat al Bahrain"	OCT04
B	9745	100	EQA	HCJB, Pifo	2130-2400 Quichua // 6080; also FS	APR05
B	9745	-	TWN	Voice of Han B.C., Kuanyin	Mainland Sce: 0655-0105 C, ID: "Han Sheng Guangbo Diantai"; jam.	MAR05
C	9750	100	AFS	South Africa Radio League via Meyerton	Nov-Mar: Su 0800-0900 E // 17700, ck 7205	MAR05
B	9750	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	0045-0800 Mongolian // 7210 7270, ck 4525(ID), incl. CNR 8 MS: 0300-0400 Mongolian // 9610 11815,ck 4190(ID); (= 6195)	NOV04
A	9750	300	J	R Japan, via Yamata	Relay NHK R One: 0800-0900 Japanese // 9540 11710, 1000-1600 Japanese // 11815; ck 5960(ID)	MAR05
B	9750	100	MLA	RTM, Kajang	Suara Islam (Voice of Islam): 1400-1700 Bahasa Malaysia, nx 1430 // 6175 , also FS // 6175 15295	FEB05
B	9755	100	CAN	Canadian Broadcasting Corp., via Sackville	Tu-Sa 0000-0200 E // 11990 13710, ck 5960(ID), also FS	NOV04
B	9755	100	CHN	China Business R, Xi'an, Shaanxi	2100-0200 1000-1600 C // 3985(ID) 7230 9620 9775, (= 12080)	NOV04
B	9760	50	J	Nikkei R Broadcasting Corp., Nagara, Chiba, Tokyo	HS 2: SS 2300-0900 Japanese // 3945 6115, ck 3925(ID)	JUL04
A	9760	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: 1200-1256 1400-1456 Romanian // 11830, also FS	AUG04
A	9775	150	CHN	China Business R, Beijing	2100-0100 (Apr-Oct: -2400) 1200-1600 C // 3985 (ID) 7140 9515 9620 9820, E language lesson 2245, (= 15270)	APR05
C	9780	50	CHN	Qinghai PBS, Xining, Qinghai	0325-0600 C // 4750(ID) 6260 C, (= 6145)	NOV04
A	9780	50	YEM	Rep. of Yemen R, Al Hiswah	0258-0700 1100-2210v A, exc. 1800-1900 E(exc. Sa) // 5950(ID), d 9779,6- 9780,4 (QRM R Cairo 9780 in Hausa 1800-2200)	APR05
B	9790	250	TWN	CBS, Kouhu	News Network: 2300-2400 C // 11635 11865, ck 5950(ID); also FS	NOV04
B	9810	100	CAN	Canadian Broadcasting Corp., via Sackville	Tu-Sa 0100-0300 E // 6190 9755, ck 5960(ID), also FS	NOV04
B	9810	150	CHN	China National R 1, Nanning, Guangxi	2000-2200 1300-1732 C // 4460(ID) 4750 4800 6030 7290 9845, (= 13610)	NOV04
B	9810	100	CHN	China Business R, Xi' an, Shaanxi	2100-2400 0800-1600 (Apr-Oct: 0000-0700 0900-1000) C // 11610 11660 15540, ck 3985(ID); (= 7150)	JAN05
B	9820	15	CHN	Guangxi FBS, Nanning, Guangxi	2300-0100 1000-1200 1400-1600 Vietnamese, 1200-1400 Cantonese // 5050	DEC04
B	9820	150	CHN	China Business R, Xi'an, Shaanxi	2100-2400 0800-1600 (Apr-Oct: 1200-1400) C // 3985(ID) 7230 9515; (= 11845)	JAN05
B	9820	250	IND	AIR Panaji	Domestic feeder: 1530-1545 E nx, also FS: 1300-1500	NOV04
A	9825	100	J	R Japan, via Yamata	Relay NHK R One: 0800-0900 Japanese // 9540 11710, ck 5960(ID)	NOV04
B	9830	100	CHN	China National R 1, Beijing	2000-0100 0730-1300 1500-1732 C // 4460 (ID) 4800 7935 11710 (= 17565)	NOV04
A	9830	100	HRV	Hrvatski R, Deanovec	xHS 1: 0500-1800 (Apr-Oct -1830) Croatian // 6165(ID) 7365 13830	APR05
A	9830	500	JOR	R Jordan, Qasr el Kharana	[xApr-Sep] 1835-2100v A // 6105(ID)	MAR05
B	9835	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Apr-Oct 2300-0900 (exc. Tu/Th 0800-1100) C // 9600 11770, ck 3950(ID) 5960	AUG04
B	9835	100	IND	AIR Delhi, Kingsway	1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740 E/ Hindi. Nx: E 1530 1730, Telegu 1335, Tamil 1345, Malayalam 1355, Kannada 1405, Gujarati 1420-1430, Marathi 1435, Urdu 1545-1600 // 6085 9595, ck 11830 15135 15260; also FS	NOV04
A	9840	500	TUR	Voice of Turkey, Emirler	x1800-2255 Turkish // 5980 6120 9560	MAR05
B	9845	100	CHN	China National R 1, Beijing	2000-0100 1030-1732 C // 4460(ID) 4800 11710, (= 17550)	FEB04
A	9845	100	NZL	R New Zealand Int., Rangitaiki	Apr-Aug 1851-1950 (Sep-Oct 1751-1851) E incl. relays of National R Net, ck 11725 11980	MAR05
C	9850	50	VTN	Voice of Vietnam, Xuan Mai	0430-0600 H' Mong	MAR05

B	9855	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 1745-2400 A // 9880 15495 15505	APR05
B	9860	100	CHN	China National R 1, Beijing	Nov-Mar: 1200-1730 C // 6030 7345 9845 (= 9900)	JAN05
B	9865	100	ZMB	Christian Voice, Lusaka	0500-1600 E rlg, ID: "Radio Christian Voice", (= 4965)	MAR05
A	9870	500	ARS	BSKSA, Riyadh	General px: 1755-2300 A // 9555(ID) 1440MW	JAN05
B	9870	300	AUT	Österreich 1, Moosbrunn	Repeat of Ö 1: 0000-0300 G, ck 5945(ID); also FS in E	MAY04
A	9870	100	NZL	R New Zealand Int., Rangitaiki	Nov-Mar: 1300-1750 E incl. relays National R Net to Pacific, ck 6095 15530	FEB05
C	9875	50	VTN	Voice of Vietnam 2, So'n Tay, Hanoi	0200-1000 Vietnamese // 5925(ID); also FS	MAR05
A	9880	500	KWT	R Kuwait, Sulabiyah	Main px:1800-2155 A // 9855 11990 15495 15505,(DRM 1315-1800)	APR05
A	9885	100	NZL	R New Zealand Int., Rangitaiki	0800-1059 (Apr-Oct: 0706-1259) E incl. relays of National R Net, ck 6095	JAN05
A	9890	100	CHN	China National R 1, Lingshi, Shanxi	2000-0200 (Apr-Oct -2300) 1100-1732 C // 4460(ID) 4800 7290 (= 13700)	APR05
B	9900	100	CHN	China National R 1, Beijing	2000-2230 C, // 4460 (ID) 11710, (= 9860 15300)	APR05
C	9905	0,2	PRG	R América, Villeta	Tests 24 h S, rlg	JUN04
B	9910	250	IND	AIR Aligarh	Domestic Feeder: 1530-1545 E nx // 7255 9820 11740, also FS	MAR05
A	9935	100	GRC	Macedonian R Station, Avlis	⌘Macedonia 1: Nov-Mar: 1100v-1550v Greek, ck 7450 (ID) 9375	MAR05
B	9980	10	ISL	AFRTS feeder, Grindavik	24 h E (USB) //7590, ID: "This is American Forces Network", nx from NPR and CNN. U.S. Navy utility site, ex 13855	APR05
B	10320	3	HWA	AFRTS feeder, Lualualei, Pearl Harbor	24 h E (USB) // 5765 9980, ck 6350	MAR05
A	10330	500	IND	AIR Bangalore	Variety Px: 0025-0045 0100-0430 1100-1400 1445-1740 (Apr-Oct: 0025-0435 0900-1200 1245-1740) Hindi/E/Vn, ID: "Vividh Bharati", ck 9425	APR05
A	11585	100	ISR	Kol Israel, Yavre	⌘Reshet Bet: 2100-2400 (Apr-Oct 2200-2400) Hebrew // 9345; FS	MAR05
A	11590	50	CHN	Voice of the Strait, Fuzhou, Fujian	News Channel: 2230-1700 (exc. We 0400-0955) Amoy/Hakka, ID: "Shenzhou zhi Sheng Guangbo Diantai", SS 1430-1500 E	MAR05
B	11590	50	ISR	Kol Israel, Tel Aviv	⌘Reshet Bet: Apr-Oct: 0430-0600 Hebrew	SEP04
B	11605	250	TWN	CBS, Tainan	General Network: 0900-1000 C // 11520 11635, 1200-1300 C // 15465; ck 6150(ID)	NOV04
B	11610	150	CHN	China Business R, Beijing	Nov-Mar: 2300-1300 C // 9620 9810 15540, ck 3985(ID) , (= 7140)	JAN05
B	11620	50	CHN	China National R 5 (Taiwan 1), Beijing	0055-0615 C/Amoy to Taiwan // 11935 15710, ck 5925(ID)	MAR05
B	11620	250	IND	AIR Delhi	1130-1140 Hindi/E nx; also FS	APR05
A	11630	100	CHN	China National R 1, Lingshi, Shanxi	2000-2200 2300-2400 0200-0500 0700-0900 1200-1400 C // 4460(ID) 4800 11860 11925	JAN05
A	11630	100	CHN	China National R 8, Lingshi, Shanxi	MS: 0000-0100 0600-0700 1100-1200 1500-1600 Uighur // 15670; 0100-0200 0500-0600 0900-1000 Kazakh // 9460 15390, ck 7120(IDs); 1600-1700 Mongolian	MAR05
A	11635	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1800 (Apr-Oct 2000)-2130 A // 9485 11715 11860, E nx 1815v 1915v(not daily) 2030v 2120, F nx 1820v 1920v (not daily) 2035v 2125; IDs: "Idha'at al Jamahyria al arabiya al Libya al-sha'biya al istrakya al Ouzma" (= R Great Jamahiriya), "Sout Africa" (= Voice of Africa)	JAN05
B	11635	100	TWN	CBS, Paochung	General Network: 0900-1000 C // 9280 11605 11520, ck 6150(ID). Dialect Network: 1000-1100 Cantonese, 1100-1200 Hakka, 1300-1400 Amoy // 15465. News Network to SE Asia: 2200-2400 C,ck 5950(ID); also FS. Jammed.	NOV04
B	11640	-	CHN	China National R 1	1000-1300 C // 11785 11945 11965, used as jammer of BBC in C at 1100-1300 // 7330 9605 15285 21660	MAR05
B	11640	100	TWN	CBS, Kouhu	Chinese Network: 2300-0200 0400-0600 (SS -1000) 1000-1400 C // 6280 11625 11865 11970 11985, ex 11645	FEB05
D	11650	20	RUS	R Rossii, Perm	⌘Dubl 4: 1600-2000 Ru // 7310	MAR05
B	11655	10	CUB	R Rebelde, Bauta	0245-0400 1100-1300v 1600-1740 S // 5025(ID) 6120, 9600; n 11650	MAR05
A	11660	120	CHN	China Business R, Xi'an, Shaanxi	0100-1100 C // 11610 15500, ck 3985(ID), (= 7315)	NOV04
B	11665	100	EGY	R Cairo, Abu Zaabal	Voice of the Arabs: 1900-0030 A, ID: "Saut al-' arab min al-qahira"	MAR05
A	11665	300	J	R Japan, via Yamata	Relay NHK R One: 2000-2200 Japanese // 11910; ck5960(ID)	NOV04
B	11665	100	TWN	CBS, Tainan	Chinese Network: 1000(SS 0900)-1700 C // 7185 9680	NOV04
C	11670	150	CHN	China Business R, Beijing	Nov-Mar 2330-1200 C // 9530, ck 3985(ID), (= 6065)	JAN05
B	11670	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Aló Presidente" live phone-in px with Venezoelan President Hugo Chávez Frias to the Antilles // 11705 11875 13680 13750 17750, also RHC FS	FEB05
A	11675	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 0300-0700 A // 6055 15495, (DRM 2200-0300)	APR05
B	11679,8100		KRE	KCBS, Kanggye	Central px from Pyongyang: 2000-1800 Korean // 9665, ck 2850(ID)	MAR05
B	11685	100	CHN	China Business R, Xi' an, Shaanxi	0000-0400 0500-0800 C // 9530 11660 15540, ck 3985(ID), (= 7350 7360)	MAR05

B	11685	100	CHN	China National R 8, Xi'an, Shaanxi	MS: 0400-0500 1300-1400 Tibetan // 9530 15570, ck 6010(ID)	NOV04
A	11690	500	AFS	R Okapi, Kinshasa, via Meyerton	0400-0600 F/Lingala	APR05
C	11690	10	COD	R Okapi, Kinshasa	24 h E/F/Vn // 6030 9550	MAR04
A	11690	0,1	FIN	Scandinavian Weekend R, Virrat	☞First weekend of the month: Sa 0600-1200 2000-2200 Finnish/E. Alt fq 11720; ck 5980 5990 6170	MAR05
A	11690	500	JOR	R Jordan, Qasr el Kharana	[☞Apr-Sep] 1400-1730 E, ID: "Radio Jordan 96.3 FM"	MAR05
A	11705	250	CAN	R Japan, via Sackville	Relay NHK R One: 1300-1500 Japanese// 9750 11815; ck 5960(ID)	NOV04
B	11705	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Aló Presidente" to Venezuela// 11670,also RHC FS	FEB05
B	11710	50	ARG	RAE, General Pacheco	LRA-1 R Nacional, Buenos Aires: Sa 2000-2200, Su 1800-0100 S, also FS; d - 11710,8	APR05
B	11710	100	CHN	China National R 1, Beijing	2000-2200 (Apr-Oct -0300 1300-) 1000-1735 C // 4460(ID) 4750 4800 5030, (= 17605)	MAY04
B	11710	100	EQA	HCJB, Pifo	Regional Service: 2100-0100 S // 6050 21455, ex 15140	PPPPP
A	11710	250	G	R Japan, via Rampisham	Relay NHK R One: 0800-0900 Japanese // 9750 17650, ck 5960(ID)	APR05
B	11710	50	IND	AIR Delhi	1115-1140 E/Hindi. Nx: E 1135, Arunachali 1115 // 15185; also FS	PPPPP
B	11710	300	TWN	CBS, Huwei	News Network: 2200-0300 C, ck 5950(ID)	NOV04
B	11715	500	CVA	Voice of Charity, Juniyah, Lebanon, via S. M. di Galeria	☞0530-0556 A rlg (Catholic), ID: "Huna Idhaat Sout al-Mahaba"	NOV04
A	11715	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar 1800-2030 A // 9485 11635(IDs) 11860, E nx 1915v, F nx 1920v (not daily)	FEB05
B	11715	250	TWN	CBS, Tainan	General Network: 0900-1000 C // 9280 11605 11520, ck 6150(ID). Dialect Network: 1000-1100 Cantonese, 1200-1300 Amoy. News Network: 1100-1200 C // 7105(ID) 7310 9670 11770 11780 2330-1100 C // 9645 9675 13610, ck 4460(ID), (= 9710)	FEB05
B	11720	100	CHN	China National R 1, Shijiazhuang, Hebei		MAR05
A	11720	0,1	FIN	Scandinavian Weekend R, Virrat	☞First weekend of the month: Fr 2200-2400 Sa 0000-0600 1200-2000 Finnish/E. Alt fq 11690; ck 5980 5990 6170	FEB05
A	11720	250	PHL	Radyo Pilipinas, Tinang	Apr-Oct: 1730-1930 Pilipino/E // 15190 17720 (Sum)	SEP04
A	11724,910		B	R Novas de Paz, Curitiba, Paraná	☞[Oct-Feb] 0800-2200 P px of Evangelical Churches // 6080 9515(ID), Marumby ID	MAR05
A	11725	100	NZL	R New Zealand Int., Rangitaiki	Apr-Aug: 1951(Sep-Mar 1851)-2050 E incl. relays of National R Net, ck 15720	MAR05
A	11730	250	PHL	Radyo Pilipinas, Tinang	Nov-Mar: 1730-1930 Pilipino/E // 11890 (Win), 15190	FEB05
A	11730	500	TUN	ERTT, Sfax	National Network: 1400-1700 A // 15450 17735, ck 7190 (ID) 12005	DEC04
B	11735	50	B	R Transmudial (TWR), Santa Maria, Rio Grande do Sul	[☞Oct-Feb] 1000-2000 P // 5964,9 9530. Transmitter is owned by R Nova Visão	APR05
B	11735	100	BLR	Belaruskaye Radyjo 1, Kalodziščy, Minsk	☞Apr-Oct: 0500-0700 Belarusian, incl. R Stalica: W 0440-0500 Ru // 6080 6115, ck 7170	MAY04
A	11740	50	ARS	BSKSA, Riyadh	Holy Qur'an: 1755-2300 A // 11820 11915	FEB05
B	11740	150	CHN	China Business R, Beijing	2100-0100 1300-1600 C // 3985(ID) 7315 7335 (= 15540)	MAR05
B	11740	250	IND	AIR Panaji	Domestic Feeder: 1530-1545 E nx // 4910 9820 9910, also FS	MAR05
A	11740	250	SNG	R Japan, via Kranji	Relay NHK R One: 0800-0900 Japanese // 9540 11710, ck 5960(ID)	APR05
B	11750	50	AUS	HCJB, Kununurra	0700-1000 E rlg to Pacific	APR05
C	11750	10	B	R Marumby, Florianopolis, SC	[☞Oct-Feb] 0900-0200 P // 9665, d - 11749,9	JAN05
B	11750	100	CHN	China National R 1, Shijiazhuang, Hebei	2330-0800 (Apr-Oct: 0000-1130) C // 6030 9645 9675 11960, ck 4460(ID), (= 7305)	MAR05
A	11750	500	TUR	Voice of Turkey, Emirler	☞Apr-Oct: 0500-0955 Turkish // 9460 11955 15350, ck 5960(ID)	APR05
B	11760	100	CHN	China National R 1, Shijiazhuang, Hebei	0000-1200 C // 6030 15300 15380 15480 15550 17550 17565 17890 (= 7110 6950)	MAR05
B	11760	100	EQA	HCJB, Pifo	Regional Service: 1100-1500 S // 6050 11960, ex 15140	MAR05
B	11760	250	UAE	R Ndeke Luka, Bangui, CAF, via Dhabayya	1830-1930 F/Sango, relay of 100.8 FM, ID:"Radio Ndeke Luka, une radio indépendante, une radio performante". Operated by Foundation Hirondelle and U. N. Development Prgr. Broker: Merlin.	APR05
A	11765	20	B	R Tupi, Curitiba, Paraná	[☞Oct-Feb] 0900-0300v P, incl. S rlg px "Rádio Universo" // 6060 9565	APR05
B	11770	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 (exc. Tu 0800-1100) C // 5960 7155 9600, ck 3950(ID); (= 5060)	NOV04
A	11770	300	CLN	R Japan, via Ekala	Relay NHK R One:2200-2300 Japanese // 11910 13680; ck5960(ID)	NOV04
A	11775	100	AIA	The Caribbean Beacon, Anguilla	1100-2300 E	MAR05
B	11775	100	CHN	China National R 1	0700-0900 C // 13610 17605, used as jammer on Taiwan	JAN05
A	11780	250	B	R Nacional da Amazônia, Brasília, Distrito Federal	[☞Oct-Feb] 0900v-0345v P, ck 6185v	APR05
A	11780	50	CHN	China National R 8, Beijing	MS: 0500-0600 0900-1000 Kazakh // 11630 12055 15390 15415; 0600-0700 1100-1200 Uighur // 9690 12055 15390, ck 7120(IDs)	FEB05
B	11780	300	TWN	CBS, Huwei	News Network: 1100-1700 C, ck 5950(ID)	NOV04
B	11785	50	ARS	BSKSA, Jeddah	Holy Qur'an: 1000-1800 A // 11935 13710 15205 17615 21460	JUL04
A	11785	7,5	B	R Guaíba, Porto Alegre, RS	[☞Oct-Feb] 0800-0400 // 6000	MAR05

B	11785	150	CHN	China Business R, Beijing	r 1200-1400 C // 7130 7140 9620 0755 0775 11740, used as jammer	MAR05
B	11795	100	TWN	CBS, Huwei	Mainland Network "Dateline with Taipei": 0600-1000 C // 15525, ck 6060(ID)	NOV04
B	11800	150	CHN	China Business R, Beijing	0030-1400 (Apr-Oct 0100-0900) C // 3985(ID) 9530 (= 7375)	FEB05
A	11800	100	I	RAI, Prato Smeraldo	Radiodue: 0630-1300 Italian	MAR05
B	11805	10	B	R Globo, Rio de Janeiro, RJ	[0Oct-Feb] 0800-2000 P px from Rio and "Globo Brasil" from Rio or São Paulo, ID "Globo FM" // 6030, ck 6120 9585. Off May-Oct 2004	FEB05
B	11810	50	CHN	China National R 8, Beijing	MS: 0000-0100 Uighur, 0100-0200 Kazakh // 9455 11630 15670	MAR05
C	11810	500	G	R Solh (= Peace), Bagram, Afghanistan, via Rampisham	Nov-Mar: 0200-0500 Dari/Pashto/Urdu anti-terrorist messages, Afghan music, ID: Dari: "Injá Radyo Solh", Pashto: "Da Radio solh", ck 15265 17700 17710 21620	NOV04
A	11810	500	JOR	R Jordan, Qasr el Kharana	[0Apr-Sep] 0500-0815v A // 11960, 1130v-1600v 1830-2300v A, ck 6105(ID)	MAR05
A	11815	7,5	B	R Brasil Central, Goiânia, Goiás	[0Oct-Feb] 0700-0300 P // 4985. Sometimes 24 h	APR05
B	11815	50	CHN	China National R 8, Beijing	MS: 0300-0400 0700-0800 Mongolian // 9610, ck 4190 (ID)	NOV04
A	11815	300	J	R Japan, via Yamata	Relay NHK R One: 1000-1600 Japanese // 9750; ck 5960(ID)	MAR05
A	11820	50	ARS	BSKSA, Riyadh	Holy Qur'an: 1755-2300 A // 11740 11915. During Ramadan: 1730-1900 A live Prayer of Night (Tarawih). Also FS	MAR05
A	11820	100	NZL	R New Zealand Int., Rangitaiki	Apr-Oct: 0459-0705 E incl. relays of National R Net, ck 9885	APR05
A	11830	10	B	R CBN Anhanguera, Goiânia	[0Oct-Feb] 0900-0300v P relaying CBN Network (news) // 6080(ID)	FEB05
B	11830	50	IND	AIR Delhi, Kingsway	0125-0355 E/Hindi. Nx: E 0245 0335, Sanskrit 0125, Telegu 0135, Tamil 0145, Malayalam 0155, Kannada 0205, Gujarati 0215-0225, Marathi 0300; Sindhi 0310; Urdu 0320-0335, ck 6085 9595 9835 15260; also FS	MAR05
B	11830	250	ROU	R Romania Int. 1, Tiganesti	Apr-Oct: Su 0800-0856 1000-1056 Romanian // 15250 15270 15370	MAR05
B	11835	150	CHN	China Business R, Xi'an, Shaanxi	0030-1100 C // 9530 9810 11660 12080, (= 7130)	MAR05
A	11840	15	RUS	R Rossii & GTRK "Sakhalin", Yuzhno-Sakhalinsk, Far East (USB)	0R Rossii Dubl 1: 1800-1400 Ru // 13705, exc. Reg. GTRK R Sakhalin: 2100-2115 0000-0100 0300-0400, W 0900-1000, ID: "Govorit Sakhalin". MF 0840-0900 Korean.	OCT04
B	11845	150	CHN	China Business R, Xi'an, Shaanxi	0000-0800 C // 11610 11670 15270, ck 3985(ID); (= 9820)	FEB05
C	11855	50	ARS	BSKSA, Jeddah	HS 2: 0600-1700v A, ck 9675	APR05
C	11855	1	B	R Aparecida, Aparecida, S.Paulo	[0Oct-Feb] 0800-0215v P // 5035 6135 9630 (NB: BBC in P 2030-2100 on 11855)	APR05
B	11860	100	CHN	Xizang PBS, Lhasa, Tibet	0200-1057 C // 4820(ID) 5935 6050 11950, (= 7170)	MAR05
A	11860	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar 1700-1900 A, ck 11635(IDs) 11715 15220	DEC04
B	11860	250	INS	RRI Jakarta, Cimanggis	RRI Cabang Utama: 2200-0900 Bahasa Indonesia // 9680 15125	MAR05
B	11875	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Aló Presidente" to Venezuela // 11670, also RHC FS	FEB05
B	11875	250	TWN	CBS, Tainan	Chinese Network: 1100-1400 C // 11665; also FS	FEB05
B	11885	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200, exc. Tu 0800-1100, Uighur // 7275 9560 13670, ck 3990(ID); CNR8 MS: 0600-0700 Uighur, ck 7120(ID); (= 4980)	MAR05
A	11885	250	PHL	Radyo Pilipinas, Tinang	Apr-Oct: 0200-0330 E // 15120 15270, ck 12015	OCT04
B	11885	100	TWN	CBS, Huwei	Chinese Network: 2200-0200 C // 15245	FEB05
A	11890	250	PHL	Radyo Pilipinas, Tinang	Nov-Mar: 1730-1930 Pilipino, exc. 1915 E nx // 11730 15190	FEB05
B	11895	1	B	R Boa Vontade, Porto Alegre, Rio Grande do Sul	24 h P // 6160(ID) 9550. Rlg px from Sistema Mundial LBV, Rio de Janeiro: "Legião da Boa Vontade".	FEB05
A	11895	300	GUF	R Japan, via Montsinery	Relay NHK R One: 2200-2300 Japanese // 7115; ck5960(ID)	MAR05
B	11905	50	CHN	China National R 6 (Taiwan 2), Beijing	2330-0105 0355-0800 C/Amoy to Taiwan // 15880, ck 6140(ID)	APR05
A	11910	300	J	R Japan, via Yamata	Relay NHK R One: Nov-Mar 2000-2400 Japanese // 13680; ck5960(ID)	MAR05
A	11915	500	ARS	BSKSA, Riyadh	Holy Qur'an: 1755-2300 A, ck // 11740 11820	JAN05
C	11915	10	B	R Gaúcha, Porto Alegre, RS	[0Oct-Feb] 0900-0300 P // 6020	MAR05
B	11915	100	CHN	China Business R, Xi'an, Shaanxi	0030-1000 C // 9530 15270 15500, ck 3985(ID), (= 7335)	NOV04
B	11915	200	RUS	TRK "Novyy Vek", Kazan, Tatarstan, Samara	0On the Tatarstan Wave: Nov-Mar 0900-1000 Tatar/Ru for Tatars in the European part of Russia, ck 9690(IDs) 11925 15105	FEB05
B	11915	250	TWN	CBS, Tainan	Dialect Network: 1200-1400 Cantonese, 1400-1500 Hakka // 6105	NOV04
A	11920	250	SNG	R Japan, via Kranji	Relay NHK R One: 0800-0900 Japanese // 9540 11710; ck 5960(ID)	APR05
A	11925	10	B	R Bandeirantes, São Paulo, São Paulo	[0Oct-Feb] 24 h P, R Juratel hires airtime // 6090 9645	APR05
A	11925	100	CHN	China National R 1, Lingshi, Shanxi	2000-0200 1000-1732 C // 4460 (ID) 6030 9675 11960 13610, (=17580)	FEB05
B	11925	100	RUS	TRK "Novyy Vek", Kazan, Tatarstan, via Samara	0On the Tatarstan Wave: Apr-Oct: 0900-1000 Tatar/Ru for Tatars in Europe, ck 9690(IDs) 11915 15105	APR05
A	11925	500	TUR	Voice of Turkey, Emirler	0Nov-Mar: 0500-0955 Turkish // 11955 17690	NOV04
A	11935	500	ARS	BSKSA, Riyadh	Holy Qur'an: 0900-1200 A // 11785 17615 21495, faulty transmitter	APR05
C	11935	75	B	R Clube Paranaense, Curitiba, PR	0900-2200 (Su 2300) P // 6040. Off May-December 2004.	FEB05

B	11935	50	CHN	China National R 5 (Taiwan 1), Beijing	0055-0615 C/Amoy to Taiwan // 11620 15710, ck 5925(ID) 7620	MAR05
A	11940	100	AFS	BBC via Meyerton	FS: 0600-1600 E to Southern Africa // 6190	MAR05
B	11950	100	CHN	Xizang PBS, Lhasa, Tibet	0158-1057 C // 4820(ID) 6050 11860, (= 7240)	MAR05
B	11950	500	TUN	ERTT, Sfax	National Network: 1400-1900 A // 11730 15450. Ramadan extended service, ck 7190 (ID)	FEB05
D	11950	300	UAE	Emirates R, Dubai	1700v-2100v A // 13675, ID' s:'Idha'at al imarat al Arabiyyah al Mutahhida min Dubai"; "Idha' at ul imaat min Dubai"; ck 12005	APR04
A	11955	250	TUR	Voice of Turkey, Cakirlar	☞0800-1655 Turkish // 9625 15350 17720, ck 5960(ID)	APR05
D	11960	150	BLR	Belaruskaye Radyjo 1, Kalodziščy, Minsk	☞1000-1200 Belarusian // 6080 6115	OCT04
B	11960	100	CHN	China National R 1, Beijing	0000-0900 (Apr-Oct 2330-0130) C // 11630 17550, ck 4460 (ID), (= 6175)	MAR05
B	11960	100	EQA	HCJB, Pifo	1100-1300 S // 6050 11760	OCT04
B	11960	500	JOR	R Jordan, Qasr el Kharana	[☞Apr-Sep] 0500v-0815v A // 11810, ck 6105(ID)	MAY04
B	11960	100	MLI	Rdif.TV Malienne,Kati, Bamako	0758-1757 F/Vn // 7285, (= 5995)	FEB05
B	11960	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: 1600-1656 Romanian // 9690	APR04
B	11970	100	J	R Japan, Yamata	Relay NHK R One: 2000-2100 Japanese // 13680 11910	NOV04
C	11975	15	CHN	Xinjiang PBS, Urumqi	0330-0530 1030(Tu/Th 1100)-1230 Kyrgyz	NOV04
A	11975	100	RUS	GTRK "Kamchatka", Yelizovo, Far East	☞Kamchatka Rybatskaya (for fishermen): Nov-Mar: Su 0000-0100 Ru	MAR05
A	11980	100	NZL	R New Zealand Int., Rangitaiki	Nov-Mar: 1751-1850 E incl. relays of National R Net, ck 6095 9845	JAN05
A	11985	100	TWN	CBS, Huwei	Chinese Network: 0400-0600 C // 11640 15430; Dialect Network: 1000-1100 Mongolian; also FS	NOV04
B	11990	100	CAN	Canadian Broadcasting Corp., via Sackville	Apr-Oct: Tu-Sa 0000-0200 E // 9755 13710, ck 5960(ID) also FS	SEP04
A	11990	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 1515v-1745v A // 9880	APR05
A	12005	500	TUN	ERTT, Sfax	0200-0500 1600-2100 A // 1251 MW 7190 (ID) 7225 7275 9720	APR05
D	12005	500	UAE	Emirates R, Dubai	Relay FM: 0000-1815 A // 13675 15400, ck 11950(ID), ex 21605	JAN05
B	12015	250	PHL	Radyo Pilipinas, Tinang	Nov-Mar: 0200-0330 E // 15120 15270, ck 11885	JAN05
B	12045	250	SNG	R Japan, via Kranji	Relay NHK Radio One: Apr-Oct: 1500-1600 Japanese // 9535 21630	AUG04
A	12050	500	EGY	R Cairo, Abis	General Px: 1100-0300 A, ID:"Idha' atu jumhuriya misr al' arabbiya min al-qahira", ck 15115	JAN05
B	12055	100	CHN	China National R 1, Lingshi, Shanxi	0200-0500 0700-0900 1000-1100 (Apr-Oct also 1200-1300) C // 6030 9500 13610 13700 15300, ck 4460(ID), (= 9455)	MAR05
B	12055	100	CHN	China National R 8, Lingshi, Shanxi	MS: 0500-0600 0900-1000 Kazakh // 11630 15415; 0600-0700 1100-1200 Uighur // 11780, ck 7120(IDs), (= 9455)	FEB05
A	12075	250	RUS	R Rossii, Moskva	☞Central px: Nov-Mar: 0520-0800 Ru, ck 5925 17600	FEB05
A	12080	100	CHN	China Business R, Xi'an, Shaanxi	0200-0400 0500-1000 (Apr-Oct 0200-0400 0600-0800 0900-1215) // 15500 17625, (= 9755)	JAN05
B	12115	10	ISL	Ríkisútvarpid, Reykjavik	1755v-1825 Live to Eu, 2300-2335 Recorded to NAm in Icelandic (AM/USB), ID: "Útvarp Reykjavik"; ck 13865	APR05
B	12133,5	8	USA	AFRTS, Boca-Chica, Key West, Florida	1100v-2300v E (USB) // 7507; ck 5446,5; ex 12689	MAR05
B	13362	3	GUM	AFRTS, Barrigada, Guam	2015v-0845* E (USB), ck 5765, r 1045	MAR05
A	13580	500	S	R Sweden, Hörby	☞P1: 1645-1700 (MF - 1715) Swedish // 1179MW 6065(ID) 15735	APR05
A	13610	50	CHN	China National R 1, Nanning, Guangxi	2200-1300 C // 4460(ID) 4800 5030 5945 11720 15380 15480 15550 17890, (= 9810)	APR05
B	13610	500	SYR	Syrian Arab Republic Brcasting Service, Adhra	1100-1500 A; also FS	FEB05
A	13620	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 1305-1605 A // 6055(ID) 15110 15495; DRM 0930-1305, ck 9880	JAN05
A	13640	100	OMA	R Sultanate of Oman, Seeb	0600-1400 A, ck 6085 (ID)	MAR05
A	13640	100	OMA	R Sultanate of Oman, Thumrait	2000-2200 A, ck 6085 (ID)	MAR05
A	13655	250	CAN	Canadian Broadcasting Corp., via Sackville	1300-1600 (SS 1400-1700) E // 9515 17820, ck 5960(ID)	MAR05
B	13655	500	TUR	Voice of Turkey, Emirler	☞Apr-Oct: 1300-1655 Turkish // 11955 15350	APR04
A	13665	250	RUS	R Rossii, Taldom, Moskva	☞Apr-Oct: Central px: 0 720-1600 Ru // 171 LW, ck 9450 9480 17600	APR05
A	13670	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0200-1400, exc. Tu 0800-1100, Uighur // 7275 9560 11885, ck 3990(ID); incl. CNR 8 MS: 0600-0700 Uighur // 11630, ck 7120(ID), (= 7195)	NOV04
D	13675	300	UAE	Emirates R, Dubai	Relay FM: 0000-0330 0615-2100 A, ck 11950(ID) 12005 15370	MAR05
B	13680	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Aló Presidente" to Venezuela// 11670,also RHC FS	APR05
A	13680	300	J	R Japan, via Yamata	Relay NHK R One: Apr-Oct: 2000-2400 Japanese // 11910	APR04
A	13700	100	CHN	China National R 1, Lingshi, Lingshi, Shanxi	0200-1100 (Apr-Oct: 2300-2400 0200-0900) C // 11960 15300 15380, ck 4460(ID); (= 9890)	JAN05
A	13710	500	ARS	BSKSA, Riyadh	Holy Qur'an: 1455-1755 A // 15205 17560	MAR05
B	13710	100	CAN	Canadian Broadcasting Corp., via Sackville	Apr-Oct: Tu-Sa 0000-0200 E // 9755 11990, ck 5960(ID) also FS	APR05



A	13730	300	AUT	Österreich 1, Moosbrunn	Ô 1: 0500-1830 G, // 6155, repeat of Ö 1; also FS in E; ck 5945(ID)	FEB05
B	13750	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Al6 Presidente" to Venezuela// 11670,also RHC FS	FEB05
A	13830	10	HRV	Hrvatski R, Deanovec	⊘HS 1: (Apr-Oct 0500-) 0800-2400 Croatian // 6165(ID) 9830 to Europe, (= 7365)	APR05
A	13865	10	ISL	Ríkisútvarpid, Reykjavik	1215-1300 to EU, 1410-1440 1835-1905 to NAm in Icelandic (USB/AM), alt.: 15775, ck 12115(ID)	APR05
B	15105	250	RUS	TRK "Novyy Vek", Kazan, Tatarstan, via Samara	⊘On the Tatarstan Wave: Nov-Mar 0700-0800 Tatar/Ru for Tatars in Siberia and the Urals, ck 9690(IDs) 11915 11925	FEB05
A	15110	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 0500-0900 1300-1600 A // 6055(ID) 9880 13620 15495; also FS in Urdu	APR05
C	15115	100	EGY	R Cairo, Abu Zaabal	General Px: 0700-1100 A, ck 12050 (ID); poor modulation	MAR05
B	15120	250	PHL	Radyo Pilipinas, Tinang	0200-0330 Pilipino/E // 11885 12015 15270	JAN05
B	15135	100	IND	AIR Delhi, Kingsway	0125-0205 0215-0225 0228-0355 E/Hindi. Nx: E 0245 0335, Sanskrit 0125, Urdu 0320 // 6085; Assamese 0135, Bengali 0155, Oriya 0145 ck 9575 15185	NOV04
B	15135	250	UAE	UNMEE, via Al Dhabbaya	May-Oct: Tu 1030-1130 E/Oromo/Amharic/Tigrinya, ck 21550	APR05
B	15140	100	OMA	R Sultanate of Oman, Thumrait	1400-1500 E, 1500-1600 A	AUG04
B	15140	160	RUS	TRK "Novyy Vek", Kazan, Tatarstan, via Samara	⊘On the Tatarstan Wave: Apr-Oct: 0500-0600 Tatar/Ru for Tatars in Siberia and the Urals, ck 9690(IDs) 11925, ex 15105	PPPPP
B	15170	500	ARS	BSKSA, Riyadh	Holy Qur'an: 0245v-0600 A // 9715 17895	FEB05
A	15170	300	J	Canadian Broadcasting Corp., via Yamata	1200-1300 E // 9660, ck 5960(ID), also FS	APR05
B	15175	100	TWN	CBS, Huwei	Dialect Network: 1300-1400 Hakka	NOV04
B	15180	100	CHN	China National R 1, Lingshi, Shanxi	2300-1030(Apr-Oct -0900) C // 6030 9645 9675 13610, ck 4460(ID), (= 7935)	JAN05
A	15185	100	IND	AIR Delhi, Kingsway	Domestic Feeder: 0700-0930 1115-1140 E/Hindi. Nx: E 0730 0830 1135, Arunachali 1115 // 11710; Assamese 0810, Bengali 0800, Oriya 0820, ck 9575 15135	MAR05
B	15190	50	GNE	R Africa No. 2, Malabo	0600-1000 1430v-1700v E rlg, ID: "You are listening to Radio Africa Number 2". r 1730 R East Africa. Produced by Pan American Broadcasting, CA, USA	APR05
A	15190	250	PHL	Radyo Pilipinas, Tinang	1730-1930 Pilipino // 11720 (Sum) 11890 (Win) 17720	APR05
B	15195	300	J	R Japan, via Yamata	Relay NHK R One: 0300-0400 Japanese // 5960(ID)	APR05
B	15205	500	ARS	BSKSA, Riyadh	Holy Qur'an: 1555-1800 A // 11785 13710 17560	FEB05
B	15215	100	TWN	CBS, Huwei	News Network: 0300-0500 (SS-0800) 0900-1300 C to North China , ck 5950(ID)	NOV04
A	15220	250	ASC	R Japan, via Ascension	Relay NHK R One: 2200-2300 Japanese // 7115 11895; ck5960(ID)	MAR05
A	15220	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar 1700-1800 A // 11860 15615 15660 17840, ck 11635(IDs) , E nx 1730v, F nx 1735v	MAR05
A	15240	250	CAN	R Sweden, via Sackville	⊘P4: MF 1230-1240 1245-1255 Swedish, ck 6065(ID)	APR05
B	15240	250	RUS	Internews R, Kabul, via Samara	Apr-Oct: 0230-0315 Pashto, 0315-0400 Dari, ck 7175(ID) 15500	MAR05
A	15240	500	S	R Sweden, Hörby	⊘P1: 1545-1600, P4: 1200-1210 Swedish, ck 6065(IDs)	APR05
B	15245	100	TWN	CBS, Huwei	Chinese Network: 0000-0200 C // 11885. News Network: 2300-2400 C // 5950(ID)	NOV04
A	15250	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: Su 1000-1056 Romanian // 11830 15380 17740	MAR05
B	15250	-	TWN	Fu Hsing Broadc. Co, Taipei	3 <sup>rd</sup> . Network: 2158-2400 0328-0530 1028-1500 C, ID: "Fu Hsing Kuangpo Tientai, Taipei Tai"	MAR05
B	15260	100	IND	AIR Delhi, Kingsway	0700-0930 E/Hindi. Nx: E 0730 0830, Telegu 0700, Tamil 0710, Malayalam 0720, Kannada 0740, Gujarati 0750-0800, Marathi 0800, Urdu 0820-0830 // 9595 15185, ck 6085 9835 11830 15135; also FS r 1300-1400 C as jammer on Taiwan broadcasts	NOV04
B	15265	-	CHN	China Business R		FEB05
B	15265	500	G	R Solh (= Peace), Bagram, Afghanistan, via Rampisham	Nov-Mar: 1300-1500 Dari/Pashto/Urdu anti-terrorist messages, Afghan music, ck 11810(IDs) 17710 21620	FEB05
B	15265	100	NZL	R New Zealand Int., Rangitaiki	Nov-Mar: 1851-2050 E incl. relays National R Net to Pacific, ck 9885	MAR05
B	15270	150	CHN	China Business R, Beijing	0100-1200 C // 15500 17625, ck 3985(ID); (= 9775)	JAN05
B	15270	250	PHL	Radyo Pilipinas, Tinang	0200-0330 Pilipino/E // 11885 12015 15120	JAN05
A	15270	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: Su 0800-0856 Romanian // 11830 15370 17805	APR05
B	15270	100	TWN	CBS, Paochung	General Network: 0400-0600 C // 15320, ck 6150(ID). Dialect Network: 1000-1200 Cantonese // 11635 11715 15525	NOV04
B	15290	500	JOR	R Jordan, Qasr el Kharana	[⊘Apr-Sep] 1030v-1200 A // 11810, ck 6105(ID)	JAN05
B	15290	250	TWN	CBS, Tainan	Dialect Network A: 0100-0200 Cantonese; News Network: 0200-0500 C // 15215, ck 5950(ID),	NOV04
B	15295	100	MLA	RTM, Kajang	Suara Islam (Voice of Islam): 0500-1000v E, incl. FS; ck 9750	FEB05
B	15300	100	CHN	China National R 1, Beijing	2230-1200 (Apr-Oct 2230-0700 0900-1230) C // 15380 15550, ck 4460 (ID), (= 9900)	JAN05
A	15315	500	ARS	BSKSA, Riyadh	Call of Islam: 1500-1700 A // 15435, ID: "Nedaa Al Islaam min Macca Al mokarama" (Call of Islam from Holy Mecca). General Px: 1450v-1500 1700-1800 A // 15435, ck 9555(ID)	FEB05

B	15320	100	TWN	CBS, Paochung	General Network: 0400-0500 C // 15270, ck 6150(ID). Dialect	
D	15325	1	B	R Gazeta, São Paulo, São Paulo	Network B: 0500-0600 Cantonese // 5950 9680; also FS	NOV04
A	15325	300	J	R Japan, via Yamata	[αOct-Feb] 0900-0300 P // 5955, mostly R Canção Nova relays. Off	JAN05
B	15335	500	MRC	Rdif.TV Marocaine, Briech	June 2003 - December 2004	MAR05
A	15340	250	MRC	Rdif.TV Marocaine, Nador	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 9660 17810	APR05
A	15345	100	ARG	RAE, General Pacheco	Network A 1100-1500 A, ck 5980(ID) 15340 15345	NOV04
A	15345	100	MRC	Rdif.TV Marocaine, Nador	Network A 0900-1100 (Nov-Mar -1500) A // 15335, ck 5980 (ID)	APR05
A	15350	500	TUR	Voice of Turkey, Cakirlar	LRA-1 R Nac. Buenos Aires: Sa 2000-0230, Su 1800-0100 S // 6060; also FS	JAN05
B	15355	100	OMA	R Sultanate of Oman, Thumrait	Network A 1500-2200 A, ck 5980 (ID) 15335 15340	APR05
A	15370	100	CHN	China National R 1, Shijiazhuang, Hebei	0200-0300 1800-2000 2200-2400 A, 0300-0400 E	NOV04
A	15370	250	ROU	R Romania Int. 1, Tiganesti	0100-1100 (Apr-Oct 2000-2400 0100-0300 0900-1732) C // 4460(ID)	APR05
C	15375	100	OMA	R Sultanate of Oman, Seeb	4750 4800 5030 9655 15480	APR05
A	15380	500	ARS	BSKSA, Riyadh	Apr-Oct: Su 0800-0856 Romanian // 11830 15270 17805	MAR05
B	15380	100	CHN	China National R 1, Beijing	1400-1800 A, ck 6085(ID)	APR05
A	15380	250	ROU	R Romania Int. 1, Tiganesti	Holy Qur'an: 0555-0855 1155-1355 A // 9715 17895 21460 21600	APR05
B	15390	100	CHN	China National R 1, Lingshi, Shanxi	0030-1230 C // 13610 15550 17605 17890, ck 4460(ID), (= 7275)	MAR05
A	15390	100	CHN	China National R 8, Lingshi, Shanxi	Apr-Oct: Su 1000-1056 Romanian // 11830 15250 17740	MAR05
B	15395	100	TWN	CBS, Huwei	0200-0500 0700-0900 C // 9500 13610 15480 17605, ck 4460 (ID) (= CNR 8 9420)	MAR05
D	15395	500	UAE	Emirates R, Dubai	MS: 0100-0200 0500-0600 (Apr-Oct also 0900-1000) Kazakh// 11630 11780; 0600-0700 Uighur // 11630 11780 15415, ck 7120(IDs)	APR05
D	15400	500	UAE	Emirates R, Dubai	News Network: 0900-1300 C // 15525, ck 5950(ID)	NOV04
B	15405	75	AUS	HCJB via Kununurra	Relay FM: 0600-2400 A // 12005 13675, ck 11950(ID)	APR04
B	15415	50	CHN	China National R 8, Beijing	Relay FM: 0230-0330 A // 12005 13675, ck 11950(ID)	OCT04
A	15430	250	ROU	R Romania Int. 1, Tiganesti	1400-1500 E, also FS	MAR05
A	15430	100	TWN	CBS, Huwei	MS: 0500-0600 0900-1000 Kazakh // 11630 11780 12055 15390; 0600-0700 (May-Ocy 1500-1600) Uighur // 11630 11780 12055 15390, ck 7120(IDs)	APR05
A	15435	500	ARS	BSKSA, Riyadh	Apr-Oct: Su 0900-0956 Romanian // 15450 17740 17855	MAR05
B	15435	500	JOR	R Jordan, Qasr el Kharama	Chinese Network: 0400-0600(SS -0900) C // 11985	NOV04
D	15435	300	UAE	Emirates R, Dubai	Call of Islam: 1500-1700 A // 15315(ID). General Px: 1700-1800 A // 15315, ck 9555(ID), r 15435,4	MAR05
A	15440	100	USA	CBS, Taipei, via Okeechobee, Florida	[αApr-Sep] 2055-2300 A	OCT04
A	15450	250	ROU	R Romania Int. 1, Galbeni	0415-0530 A // 21700, ck 11950(ID)	NOV04
A	15450	500	TUN	ERTT, Sfax	News Network: 2200-2400 C // 5950(ID) to W NAM; Dialect	NOV04
B	15465	100	TWN	CBS, Tainan	Network A: 0000-0100 Amoy, 0100-0200 Cantonese	NOV04
A	15475	250	GAB	Africa No. 1, Moyabi	Apr-Oct: Su 0900-0957 Romanian // 15430 17740 17855	MAR05
B	15476	1	ATA	R Nacional Arcangel, Base Esperanza, San Gabriel	National Network: 1200-1700 A // 11730 17735, ck 7190 (ID) 12005	MAR05
B	15480	100	CHN	China National R 1, Beijing	General Network: 1200-1300 C // 11605; ck 6150(ID). Dialect	NOV04
B	15495	500	KWT	R Kuwait, Kabd, Sulaibiyah	Network A + B: Amoy 1000-1100, 1300-1400 // 11635, Hakka	NOV04
B	15500	0,25	BHR	Information R (USB) via Naval Ships of U.S. lead Coalition	Apr-Oct: Su 0900-1200 // 11635 15525; also FS. Jammed by CNR	APR05
B	15500	150	CHN	China Business R, Beijing	1600-2100 (Apr -Oct -1900) F // 9580, ck 17630	APR05
B	15500	500	G	Internews R, Kabul, via Rampisham	MF 1800-2100v S, occasionally -2200, also ID: "Rádio Arcangel, San Gabriel". Nominal power 10 kW	MAR05
A	15505	500	KWT	R Kuwait, Kabd, Sulaibiyah	0100-1000 (Apr-Oct 2300-0400 0700-1300) C // 15370 17550 17605, ck 4460(ID), (= 5945)	MAR05
C	15525	100	TWN	CBS, Paochung	Apr-Oct: Main px: 0600-0930 1745-2400 A // 6055(ID) 9880 13620 15110 15505 17885	APR05
A	15530	100	NZL	R New Zealand Int., Rangitaiki	1400-0300 E/A/Farsi/Dari/Pashto/Urdu/Hindi. Ck 6125 (ID's, etc.)	OCT04
B	15540	100	CHN	China Business R, Beijing	0200-1200 (Apr-Oct 2300-1400) C // 15265 15270 17625, ck 3985(ID); (= 6155)	FEB05
B	15550	100	CHN	China National R 1, Beijing	1300-1345v Pashto, 1345v-1430 Dari, ck 7175(IDs), ex 13650 17720	APR05
B	15570	100	CHN	China Business R, Xi'an, Shaanxi	Main px: 0345v-0730v 1800-2400 A // 6055(ID) 15495. Qur'an Px: 1000-1800 A, ID: "Idhaat Alquraan Alkareem min Dawlat al Kuwait"	APR05
B	15570	100	CHN	China National R 8, Xi'an, Shaanxi	General Network: 0900-1000 C // 9280 11605 11520, ck 6150(ID). Dialect Network: 1000-1100 Cantonese // 11635	APR05
B	15570	100	CHN	China National R 8, Xi'an, Shaanxi	Nov-Mar: 1100-1300 E incl. relay National R Net to NW Pacific and Asia; ck 9870 9885	MAR05
					0100-1300 C // 9530 9620 12080, ck 3985 (ID), (= 11740)	FEB05
					0000-0800 (Apr-Oct 2300-0400 0700-1500) C // 9500 17550 17605, ck 4460(ID), (= 7345)	MAR05
					0100-0400 0500-0800 (Apr-Oct 0100-0400 0500-0700) C // 15500 15540 17625, ck 3985(ID); (= 9480)	NOV04
					MS: 0400-0500 0800-0900(exc. We) Tibetan // 9530 11685, ck 6010(ID)	NOV04

B	15580	100	TWN	CBS, Paochung	Dialect Network: 0500-0700 Amoy; also FS	NOV04
A	15590	300	J	R Japan, via Yamata	Relay NHK R One: 0800-0900 Japanese // 9540 11710, ck 5960(ID)	APR05
B	15610	100	TWN	CBS, Paochung	Dialect Network: 0200-0300 Cantonese, 0300-0400 Hakka – jammed	NOV04
B	15615	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar 1700-1800 A //11860 15220 15660 E nx 1730v, F nx 1735v, ck 11635(IDs)	JAN05
B	15640	100	ISR	Kol Israel, Yavre	Apr-Oct: 2100-2200 Hebrew	
A	15660	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1700-1800 (Apr-Oct: 1600-1900) A // 11860 15220 15615, ck 11635(IDs) , E nx 1730v, F nx 1735v	JAN05
A	15670	50	CHN	China National R 8, Beijing	MS: 0000-0100 Uighur // 9455 11630 11810; 0100-0200 Kazakh // 9455 11630 11810 15390, ck 7120(IDs)	NOV04
B	15710	50	CHN	China National R 5 (Taiwan 1), Beijing	Nov-Mar: 0055-0615 C/Amoy to Taiwan // 11620 11935, ck 5925(ID) 9380	MAR05
A	15720	100	NZL	R New Zealand Int., Rangitaiki	0400-0759 (Apr-Oct: 2058-0458) E incl. relays of National R Net, ck 9885, ex 15340	FEB05
A	15735	500	S	R Sweden, Hörby	PI:1645-1700 (MF -1715) Swedish // 13580; P4: MF 1100-1110, MF 1130-1140 Swedish; ck 6065(ID' s); also FS	APR05
A	15760	250	ISR	Kol Israel, Yavre	Reshet Bet: Nov-Mar: 0600-0755 Hebrew	DEC04
D	15775	10	ISL	Ríkisútvarpid, Reykjavik	Alt. to 13865	MAY04
A	15785	10	ISR	Galei Tzahal, Lod, Tel Aviv	0400v-1615v Hebrew. (= 6973(ID)). Shift times vary a lot. Operated by Israel Defence Forces. Some days in USB only	APR05
A	15820	1	ARG	LTA, Argentine Armed Forces, Buenos Aires	LSB/USB relays to ARG bases in Antarctica & So. Atlantic Islands of R Continental, and others: 24 h S	FEB05
B	15880	50	CHN	China National R 6 (Taiwan 2), Beijing	0355-1130 C/Amoy to Taiwan // 11905, ck 6140(ID)	APR05
A	17535	250	ISR	Kol Israel, Yavre	Reshet Bet: 0800-1030 1115-1455 (Apr-Oct: 0600-1030 1130-1500) Hebrew; also FS	APR05
B	17550	100	CHN	China National R 1, Beijing	0100-1030 (Apr-Oct 0100-1230) C // 17580 17605, ck 4460(ID), (= 9845)	APR05
A	17560	500	ARS	BSKSA, Riyadh	Holy Qur'an: 1600-1800 A // 11785 13710 15205	SEP04
A	17560	300	J	R Japan, via Yamata	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 9660	MAR05
A	17565	100	CHN	China National R 1, Beijing	0100-0730 C // 11960 17605 17890, ck 4460(ID), (= 9830)	MAR05
A	17580	100	CHN	China National R 1, Lingshi, Shanxi	0200-1000 (Apr-Oct: 0300-0500 1000-1300) C // 17550 17605, ck 4460 (ID); (= 11925)	JAN05
B	17590	100	OMA	R Sultanate of Oman, Thumrait	0400-0600 A	NOV04
B	17595	100	CHN	China National R 1, Shijiazhuang, Hebei	Nov-Mar: 0100-1000 C // 4460(ID) 13700 15180 17580	MAR05
A	17600	250	RUS	R Rossii, Taldom, Moskva	Central px: Nov-Mar 0820-1500 Ru, ck 7310 12075 13665	MAR05
A	17605	100	CHN	China National R 1, Beijing	0030-1000 (Apr-Oct 0300-1300) C // 6030 9645 13610 15380, ck 4460(ID), (= 11710)	APR05
A	17605	250	ATN	R Japan, via Bonaire	Relay NHK R One: 2300-2400 Japanese // 11910; ck5960(ID)	APR05
A	17605	500	TUR	Voice of Turkey, Emirler	Apr-Oct: 1000-1255 Turkish // 11 955 15350, ck 5960(ID), ex 21715	JUN04
A	17615	500	ARS	BSKSA, Riyadh	Holy Qur' an: 0900-1155 A // 11785 11935 21495, faulty transmitter	APR05
B	17615	50	CHN	China National R 1, Shijiazhuang, Hebei	0200-1100 C // 6030 13610 15480, ck 4460(ID), (= 6125)	MAR05
A	17625	150	CHN	China Business R, Beijing	0000-1100 C // 11915 15270 15540 15570, ck 3985 (ID), (= 9515)	APR05
A	17630	250	GAB	Africa No. 1, Moyabi	0700-1600 F // 9580(ID), ck 15475	APR05
B	17630	100	OMA	R Sultanate of Oman, Thumrait	0600-1000 A	NOV04
A	17650	250	ASC	R Japan, via Ascension	Relay NHK R One: 0800-0900 Japanese // 11710 17720, ck 5960(ID)	APR05
A	17675	100	NZL	R New Zealand Int., Rangitaiki	Nov-Mar: 2051-0358, Sep-Oct: 2245-0458 E, incl. relay Nat. R Net	FEB05
A	17685	300	J	R Japan, via Yamata	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 9660 17810	MAR05
A	17690	500	TUR	Voice of Turkey, Emirler	Nov-Mar: 0500-0755 Turkish // 11925, ck 5960(ID)	MAR05
A	17695	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1100-1230 (Apr-Oct also 1600-1900) A exc.E nx 1140v, 1820v, F nx 1150v// 15660 21485 21675 21695,ck 11635(IDs)	JAN05
C	17700	250	AFS	South Africa Radio League via Meyerton	Sun 0800-0900 E // 9750, ex 17815 ex 17730, alt 21560	PPPPP
B	17700	500	G	R Solh (= Peace), Bagram, Afghanistan, via Rampisham	Apr-Oct: 1200-1800 Dari/Pashto/Urdu anti-terrorist messages, Afghan music, ck 11810(IDs) 15265 17710 21620	APR05
A	17705	500	TUR	Voice of Turkey, Emirler	Fr 1100-1555 Turkish // 11955 15350, ex 176 30	MAY04
B	17710	500	G	R Solh (= Peace), Bagram, Afghanistan, via Rampisham	Nov-Mar: 1200-1300 1500-1630 Dari/Pashto/Urdu anti-terrorist messages, Afghan music, ck 11810(IDs) 15265 21620	MAR05
A	17720	250	PHL	Radyo Pilipinas, Tinang	Apr-Oct: 1730-1930 Pilipino // 11720 15190; ck 11890 11730	SEP04
A	17720	500	TUR	Voice of Turkey, Emirler	Nov-Mar: 1000-1255 Turkish // 9625 11955 15350	FEB05
A	17720	500	UAE	R Japan, via Dhabbaya	Relay NHK R One: 0800-0900 Japanese // 11710 17650, ck 5960(ID)	APR05
A	17730	500	ARS	BSKSA, Riyadh	General Px: 0600-0855 A // 17740, ck 9555(ID),(= 17805), r 17730,4	APR05
B	17735	500	TUN	ERTT, Sfax	National Network: 1200-1600 A // 15450, ck 7190 (ID)	MAR05
A	17740	250	ARS	BSKSA, Riyadh	General Px: 0600-0855 A // 17730, ck 9555(ID), faulty transmitter	APR05
A	17740	250	ROU	R Romania Int. 1, Tiganesti	Apr-Oct: Su 0900-1056 Romanian // 11830 15250 15380 15430	MAR05
B	17750	250	CUB	R Nacional Venezuela via Bauta	Su 1400-1500v S "Aló Presidente" to Venezuela// 11670,also RHC FS	FEB05

A	17765	250	CAN	Canadian Broadcasting Corp., via Sackville	1500 (SS 1600)-1900 F, 2000-2200 E, ck 5960(ID)	APR05
B	17785	500	ARS	BSKSA, Riyadh	0800v-1000 F, ID: "Radio Riyadh", ck 21600	APR05
A	17805	500	ARS	BSKSA, Riyadh	General Px: 0855-1155 A // 21705, ck 9555(ID), (= 17730 21505) r 17805,4	APR05
A	17805	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: Su 0800-0856 Romanian // 11830 15270 15370	APR05
A	17810	300	J	R Japan, via Yamata	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 9660 15195	MAR05
A	17815	1	B	R Cultura, São Paulo, São Paulo	0800-0300 P // 9615, d -17814,7	MAR05
A	17820	100	CAN	Canadian Broadcasting Corp., via Sackville	1300-1600 (SS 1400-1700) E // 9515 13855, ck 5960(ID)	APR05
A	17825	300	J	R Japan, via Yamata	Relay NHK R One: 0300-0400 Japanese // 5960 (ID) 9660, 17560, 2200-2300 Japanese // 6115 7115 11895 11910 13680 15220	SEP04 JUN04
D	17835	1,5	SLV	R Imperial, Sonsonate	1100-2100v S rlg // 810 MW, d 17833,2 - 17835,4	
A	17840	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar 1600-1700 A // 15220, ck 11635(IDs) , ex 11860	MAR05
A	17855	300	AUT	Österreich 1, Moosbrunn	Ô 1: 1300-1400 G // 6155 13730, ck 5945(ID); also FS in E	NOV04
A	17855	250	ROU	R Romania Int. 1, Galbeni	Apr-Oct: Su 0900-0956 Romanian // 15430 15450 17740	APR05
A	17860	100	IND	AIR Delhi, Kingsway	1220-1245 E/Hindi. Nx: E 1230, Hindi 1235, Sanskrit 1240 // 4860 6085; also FS	PPPPP
A	17860	300	J	R Japan, via Yamata	Relay NHK R One: 0800-0900 Japanese // 9540 11710, ck 5960(ID)	APR05
A	17860	500	TUR	Voice of Turkey, Emirler	Nov-Mar: Fr 1100-1555 Turkish // 11955 15350	NOV04
A	17870	100	AUT	Österreich 1, Moosbrunn	0400-0500 G, repeat of Ö 1, ck 5945(ID), also FS in E (Su)	NOV04
B	17885	500	KWT	R Kuwait, Kabd, Sulaibiyah	Main px: 1200-1500 A // 6055(ID)15495. Relay of R Pinoy 963 MW: 1000-1200 Tagalog with E & S words included	MAR05
B	17890	100	CHN	China National R 1, Beijing	0130-1200 (Apr-Oct 2330-0900 1200-1300) C // 15300 17550 17605, ck 4460 (ID), (= 7290)	APR05
A	17895	500	ARS	BSKSA, Riyadh	Holy Qur' an: 0555-0855 1155-1455 A // 15380 21460 21600 21640	APR05
C	20276	5	ARG	LTA, Argentine Armed Forces, Buenos Aires (LSB/USB)	Relays to Argentine bases in Antarctica & So. Atlantic Islands of R Continental and others, r 1315-0320 S, ck 15820	MAY04
B	21460	250	UAE	U.N. Mission in Ethiopia and Eritrea (UNMEE), Addis Ababa, via Al Dhabbaya	Nov-Mar: Su 0900-1000 E/Oromifa/Amharic/Tigrinya, ck 15135 21550 21790	FEB05
A	21460	500	ARS	BSKSA, Riyadh	Holy Qur' an: 1255-1555 A // 11785 13710 15380 17895 21600	MAR05
A	21485	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: Nov-Mar: 1100-1230 A, exc. E nx 1150v, F nx 1155v // 17695 21675 21695, ck 11635(IDs)	JAN05
A	21495	500	ARS	BSKSA, Riyadh	Holy Qur'an: 0855-1155 A // 11785 11935 17615, faulty tx	APR05
A	21505	500	ARS	BSKSA, Riyadh	General Px: 1155-1455 A // 21640, ck 9555(ID), (= 15435 17805), r 21505,4	FEB05
A	21520	100	I	RAI, Prato Smeraldo	HS 1: Su 1350-1730v Italian, Sports and nx // 9670 21550 21710	MAR05
A	21550	100	I	RAI, Prato Smeraldo	HS 1: Su 1350-1730v Italian, Sports and nx // 9670 21520 21710	MAR05
B	21550	250	UAE	UNMEE, via Al Dhabbaya	Nov-Mar: Tu 1030-1130 E/Oromo/Amharic/Tigrinya, ck 15135	JAN05
B	21560	250	HNG	R Budapest, Jászberény	Su 1200-1300 Hungarian rebroadcast HS 1 (Kossuth R)	NOV04
A	21600	500	ARS	BSKSA, Riyadh	Holy Qur' an: 1155-1355 A; 1400-1600 F // 15380 17895 21460, ck 17785	APR05
B	21620	500	G	R Solh (= Peace), Bagram, Afghanistan, via Rampisham	Nov-Mar: 0700-1200 Dari/Pashto/Urdu anti-terrorist messages, Afghan music, ck 11810(IDs) 15265 17710. VT Merlin	FEB05
A	21630	250	ASC	R Japan, via Ascension	Relay NHK R One: Apr-Oct: 1500-1600 Japanese // 9535 12045	MAR05
A	21640	500	ARS	BSKSA, Riyadh	General Px: 1155-1455 A // 21505, ck 9555(ID)	FEB05
A	21675	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1100-1500 A exc. E nx 1150v, F nx 1155v // 17695 21485 21695, ck 11635(IDs)	FEB05
A	21695	500	F	LJB, Tripoli, via Issoudun	Voice of Africa: 1000-1400 A exc.E nx 1150v, F nx 1155v // 17695 21485 21675, ck 11635(IDs)	MAR05
A	21705	500	ARS	BSKSA, Riyadh	General Px: 0855-1155 A // 17805, ck 9555(ID)	APR05
B	21710	100	I	RAI, Prato Smeraldo	HS 1: Su 1350-1730v Italian, Sports and nx // 9670 21520 21550	MAR05
A	21755	100	J	R Japan, via Yamata	Relay NHK R One: 0800-0900 Japanese // 9540 11710, ck 5960(ID)	MAR05
B	21790	250	UAE	UNMEE, via Al Dhabbaya	May-Oct: Su 0900-1000 Oromo/Tigrinya/Amharic/E, ck 21460	SEP04
B	21810	500	S	R Sweden, Hörby	P4: MF 1130-1140 Swedish // 9490, ck 6065(ID), also FS	APR05

# DSWCI CLANDESTINE LIST

## DBS-7 Part 3 April 2005

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(Official Governmental Broadcasts and religious programmes are not included)

Most Middle East stations shift to and from Daylight Saving Time (= ⌘) around Equinoxes (21 March and 22 September).

### Category 1: Official stations in autonomous regions

Code	kHz	kW	To	Station	Schedule (UTC), remarks	Last log
B	4025	-	IRQ	Voice of the People of Kurdistan, Al-Sulaymaniyah, No. Iraq	⌘0230-0300 0500-0600 1400-1600 1630-1700 1900v-2000v Surani Kurdish, ID:"Aira dangi Gelli Kurdistan", 0300v-0500 1700-1900v A, ID: "Huna idha'at sawt Sha'b Kurdistan, sawt al-Ittihadi al-Watani al-Kurdistan", 1600-1630 Turkmen; ID: "Burazy Iraq Türkmen Sesi Radiouzel" (i.e. "This is the Radiovoice of Turkmen Iraq"). d 4023-4027; jammed. Produced by the Patriotic Union of Kurdistan (PUK) lead by Jalal Talabani until he was elected President of Iraq in April 2005. (Often QRM from Europirates 4025,3)	APR05
C	4160	-	IRQ	Voice of Independence, Northern Iraq	⌘0300-0330v 1500-1700 Kurdish, ID: 'Era dengi Sarbakhoye, izgay Parti Parezgani Kurdistan'. Operated by the Conservative Party of Kurdistan. d 4158 - 4167	APR05
B	6335	10	IRQ	Voice of Iraqi Kurdistan, Salah al-Din, Northern Iraq	⌘0300v-0700v 1400-1500 1700-1800v Kurmanji Kurdish, ID: "Aira dengi Kurdistan Iraqiya", "Aira dengi Kurdistan"; 1500-1700 A, ID: "Huna Sawt Kurdistan al-Iraq, Sawt al-Hizb al-Dimuqrati al-Kurdistani al-Iraq". Produced by the Kurdistan Democratic Party (KDP) lead by Mas'ud Barzani; d 6310-6340. Ex 4085	APR05

### Category 2: Opposition groups in exile and other Non-Governmental Organizations leasing airtime by international broadcasters.

Code	kHz	kW	To	Station	Schedule (UTC), remarks	Last log
C	3230	100	ZWE	Short Wave Radio Africa, via Meyerton	0300-0500 1600-1900 E/Shona/Ndebele, ID:"SW Radio Africa, Independent Voice of Zimbabwe". Ck 3300 4880 6145 11705 11845 11995 15145. Broker VT Merlin. Jammed	MAR05
C	3300	100	ZWE	Short Wave Radio Africa, via Meyerton	0300-0500 1600-1900 E/Shona/Ndebele // 11770 12145, alt. to 3230(ID). Broker VT Merlin	APR05
C	4880	100	ZWE	Short Wave Radio Africa, London, via Mahé, Seychelles	1600-1900 Shona/Ndebele/E, ck 3230. Broker:VT Merlin	APR05
A	5905	200	BRM	Democratic Voice of Burma, via Almaty, Kazakhstan	Nov-Mar: 1430-1515 Burmese, ID: 'Democratic Myanmar a-Thán', 1515-1530 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Kayan, Sa: Kachin, Su: Mon // 17495. Ck 5910. Broker: WRN	MAR05
A	5910	200	BRM	Democratic Voice of Burma, via Almaty, Kazakhstan	Apr-Oct: 1430-1515 Burmese, 1515-1530 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Kayan, Sa: Kachin, Su: Mon // 17625, ck 5905(ID) 9435. Broker: WRN	APR05
B	5925	100	ERI	Voice of Democratic Eritrea, via Jülich, Germany	⌘Apr-Oct: Sa 1500-1530v Tigrinya, ID: "Ezi Demtsi Democrasiyawit Eritréá eyu", 1530v-1559 A, ID: "Itha' at Sawt Eritrea al-Demokratya", "Huna Sawt Eritrea al-Demokratya, Sawt al-Jabhat at-Tahrir al-Eritrea wa majlis ath-thawri", to Europe. Some Sa 1500-1559: Tigrinya; ck 9820 12015 15670 15715. Broker: DTK	OCT04
A	5955	100	BRM	Democratic Voice of Burma, via Jülich, Germany	Nov-Mar: 2330-0015 Burmese, ID "Democratic Myanmar a-Thán" , 0015-0030 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Karenni, Sa: Kachin, Su: Mon, ex 5945, ck 9435. Broker: DTK	MAR05
B	6040	100	LAO	H'Mong Lao R, via Rampisham, United Kingdom	Nov-Mar: We/Fr 0100-0200 H'Mong for North America // 15260. ID: "Xotvooj cua Tsa kom cua Ngem ah cua" , ck 9515. Produced by United Lao Movement for Democracy, Minnesota, USA. Broker: VT Merlin. Ck 15105	
A	6055	100	CLN	IBC Tamil Sce, via Jülich, D	Nov-Mar: 0000-0100 Tamil, ex 7450, 7460	MAR05
C	6145	100	ZWE	Short Wave Radio Africa, London, via Meyerton	1600-1700 Shona/Ndebele/E; ck: 3230 (ID). Broker: VT Merlin. Jammed	MAR05
B	7120	50	ZWE	Voice of the People, Talata-Volonondry, MDG	1700-1800 E/Shona/Ndebele. E ID' s: "Radio VOP", 'Radio Voice of the People". Broker RNW	APR05
C	7125	500	VTN	Degar Voice, via Novosibirsk	Tu/Th/Sa 1300-1330 Khmer/Vietnamese languages for the Degar people (Montagnards) in the highlands of Vietnam, ex 7180	JAN05

B	7220	100	ETH	Voice of Ethiopian Unity, via Jülich, D	Nov-Mar: We/Su 1830-1929 Amharic, ID: "Finote Demokrasi Ye-Ethiopia Andinet Dimits", ck 15565. Produced by Ethiopians for Democracy and Peace. Broker DTK	MAR05
B	7270	300	CHN	Voice of China, via Taiwan	1430-1530 2230-2330 C, ID: "Zhongguo zhi yin". Produced by "The Foundation for China in the 21 <sup>st</sup> Century, California, USA, r-2400. Jumping daily between 7270, 7470 and 11940 Jammed	APR05
C	7310	-	CHN	Sound of Hope, via Taipei	2300-2400 C, ID: "Xiwang Zhi Sheng Guiji Guan po dien tai", ck 9635 9680 11765. Produced in California, USA	MAR05
B	7380	250	NIG	Voice of Biafra International, USA, via Meyerton, So. Africa	We/Sa 2100-2145 E, 2145-2200 Igbo, E ID: "Voice of Biafra International coming to you from Washington, D.C.". Broker:VT Merlin	MAR05
B	7470	300	CHN	Voice of China, via Taiwan	1430-1530 2230-2330 C, ck 7270(ID + behaviour to avoid jamming)	APR05
B	7470	500	SYR	The Arabic R, London, via Maiac, Moldova	⌘1600-1630 A // 12085(delayed), ID: "Al-Idha'at al-Arabiyyah". Produced by the Syrian Human Rights Committee, London. Broker: WRN	MAR05
B	7490	500	IRN	Jambushi Iran e Farda, via Maiac, Moldova	Apr-Oct: 1600-1645 Farsi, ID: "In seda-ye Jambushi Iran e Farda, seda-ye Mellat-e Iran." Operated by the Iran of Tomorrow Movement, Encino, CA, U.S.A.	APR05
B	7490	500	IRN	R Anternational, via Maiac, Moldova	⌘Nov-Mar: 1730-1800 (sometimes Th/Sa -1815) Farsi, ID: "Radio International Hezbe Komunist-e Khargar-e Iran", "Radio Anternacional-e". Produced by the Worker Communist Party of Iran (WPC). Ck 13800. Broker: Merlin. Jammed	MAR05
B	7510	500	SYR	The Arabic R, London, via Maiac, Moldova	⌘0430-0500 A, ck 7470(ID). Broker: WRN	MAR05
B	7520	200	CHN	Voice of Tibet, via Toshkent, Uzbekistan	Nov-Mar: 1430-1500 Tibetan, 1500-1517 C; jammed. Alt. 7480 or 7505	MAR05
D	7590	250	ERI	Voice of Liberty, via Samara, Russia	We 1700-1730v Tigrinya, 1730v-1800 A, ID: "Huna Sout Alhuriya – Idhaat Alhizb al-demokraty al Eritrey", "Idha'at Sou t al-Huriya", ck 15675, ex 12120	NOV04
B	7590	100	ETH	R Voice of Oromo Liberation, via Samara, Russia	Nov-Mar: Mo/Th 1700-1730 Oromo, ck 9820(ID) 12120. Broker TDP	FEB05
C	7590	250	ETH	Voice of Oromia R, via Samara, Russia	Nov-Mar: Mo 1730-1800 Oromo, ID: "Kun Radio Sagalee Oromiyaa", ck 12120. Ex 7560. Broker TDP	NOV04
B	7590	250	ETH	Dejen R, North America, via Samara, Russia	Jan-Mar 2005: Sa 1700-1800 Tigrinya, ID: "Dimtsi Tengaru kab semiren America"; on certain days Amharic, ck 12120, ex 7560	FEB05
D	7590	250	CBG	Voice of Khmer Krom R, via Vladivostok	Nov-Mar: Tu 1400-1500 Khmer, ex 11550. Broker: TDP, but not scheduled from April 2005	NOV04
A	9435	100	BRM	Democratic Voice of Burma, via Jülich, Germany	Apr-Oct: 2330-0015 Burmese, 0015-0030 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Karenni, Sa: Kachin, Su: Mon, ck 5945	APR05
D	9495	100	IRN	R Voice for Women, via Jülich, Germany	Sa 1900-1930 Farsi (all by women), ID: "Radio Sedayeh Zan". Produced by Womens Forum against Fundamentalism in Iran (WFAFI) . Broker : WRMI, Miami, FL,USA	DEC04
B	9495	125	SYR	R Free Syria,via Wertachtal, Germany	Since 01 Oct 2004: ⌘Su 1859-1930 A, ID: "Huna Sawt Suriyya al-Hurr". Operated by the Reform Party of Syria, Washington. Broker: WRMI, Miami, FL. USA; ex 13650	MAR05
C	9515	100	LAO	H'Mong Lao R, via Taiwan	Apr-Oct: We/Fr 0100-0200 H'Mong for North America // 15260, ex 11725, ck 6040(ID etc). Broker VT Merlin	OCT04
B	9625	300	SDN	Sudan R Service, via Woofferton, UK	Nov-Mar: MF 0300-0345 E, 0345-0500 A/Juba-A/ Bari/Dinka/Nuer/Shiluck/Zande, ck 11665. Broker VT Merlin. Financed by USAID	MAR05
C	9635	-	CHN	Sound of Hope, via Taipei	2200-2300 C, ck 7310(ID) 9680 11765	MAR05
C	9680	-	CHN	Sound of Hope, via Taipei	1600-1700 C, // 11765, ck 7310(ID) 9635	MAR05
A	9820	100	ETH	Voice of Ethiopian Salvation (= Medhin),via Jülich, Germany	Nov-Mar: Su 1600-1659 Amharic, ID: "Yih Ye Ethiopia Medhin Dimts Now"; anti-Ethiopian Government. Produced by the Ethiopian Medhin Democratic Party. Broker: DTK. Ck 15670	MAR05
A	9820	100	SOM	R Xoriyo (R Freedom), via Jülich, Germany	Nov-Mar: Tu/Fr 1630-1659 Somali, ID: "Radio Huriyo, Radio Huriyo Shab Ogadinya", opens with Call to Prayer. Produced by the Ogaden National Liberation Front. Ck 15670. Broker: DTK	MAR05
A	9820	100	ERI	Voice of Democratic Eritrea, via Jülich, Germany	Nov-Mar: Th 1700-1759 Tigrinya, occ. 1730-1759 A, ck 5925(ID's), 15670. Broker: DTK	MAR05
B	9820	100	ETH	Voice of Oromo Liberation, via Jülich, Germany	Nov-Mar: Tu/We/Fr/Su 1700-1730 Oromo, ID: " Radiyoo Segalee Qabsoo Bilisummaa Oromoo"; 1730-1759 Amharic, ID: " Toon Sagalee Bilisummaa Oromoo" . Produced by the Oromo Liberation Front; ck 15670. Broker: DTK	MAR05
B	9930	200	VTN	R Free Vietnam, New Orleans, Louisiana, USA, via KWHR	Nov-Mar: MF 1230-1300 Vietnamese, ID: "Dai Viet Nam Tui Do". Broker: TDP	FEB05
C	9930	100	VTN	R Free Vietnam, Garden Grove, California,USA, via KWHR	Tu/Th 1600-1700 Vietnamese. Reactivated March 2005	MAR05
A	11530	500	IRQ	Voice of Mesopotamia, Belgium, via Maiac, Moldova	⌘0500-1700 Kurdish dialects: Kurmanji/ Zazaki/Sorani, ID: "Denge Mezopotamya". Backed by "Kurdistan Freedom and Democracy Congress"(KADEK, former PKK). Broker TDP. Some days off.	APR05

B	11575	100	IRN	Voice of Iran, via Sofia, BUL	Apr-Oct: 1530-1730 Farsi, ID: "In seda-ye Iran"	APR05
B	11620	250	IRN	Voice of the Iranian Nation, via Bulgaria	Nov-Mar: ʘSa-Th 1430-1500v Farsi, ID: "In Seda-ye Mellat-e Irana", "Radio Seda-ye Mellat-e Irana", ck 11630, ex 15660 ex 15670	MAR05
B	11630	250	IRN	Voice of the Iranian Nation, via Bulgaria	Apr-Oct: ʘSa-Th 1430-1500v Farsi, ck 11620(ID), ex 15670. Jammed	APR05
B	11665	300	SDN	Sudan R Service, via Rampisham, UK	Apr-Oct: MF 0300-0345 E, 0345-0500 A/ Juba-A/ Bari/Dinka/Nuer/Shiluck /Zande. Produced by the Education Development Center Inc. (EDC), Washington D.C., USA (Financed by USAID). Studio in Nairobi. Ck 9625 15325. Broker: VT Merlin	APR05
C	11705	250	ZWE	Short Wave Radio Africa, via Meyerton	1700-1800 E/Shona/Ndebele, ck 3230(ID) 11845 11995. Alt. fq to 15145. Broker: VT Merlin. Jammed	MAR05
B	11715	500	SDN	Sudan R Service, via Woofferton, UK	Nov-Mar: MF 1700-1800 A/Juba-A/ Bari/Dinka/Nuer/Shiluck/Zande, ck 11665 17660. Broker VT Merlin	FEB05
C	11765	-	CHN	Sound of Hope	1600-1700 C, // 9680, ck 7310(ID) 9635	MAR05
C	11770	500	ZWE	Short Wave Radio Africa, via Pinheira, São Tomé	Apr-Oct: 1800-1900 E/Shona/Ndebele // 3300 12145, ck 3230(ID), ex 11995	APR05
A	11795	300	SDN	Sudan R Service, via Woofferton, UK	Nov-Mar: MF 0500-0600 A/Juba-A/ Bari/Dinka/Nuer/Shiluck/Zande, ck 11665 15325 17660. Broker VT Merlin	MAR05
B	11810	100	MLD	R Minivan, via Jülich, Germany	Sep-Mar: 1600-1700 Dhivehi (Maldivian)/E, ID: "Mee Dhivehi Minivan Radio"(This is the Maldivian Independent Radio); ex 13855, ck 12015. Broker: WRMI, USA	MAR05
C	11845	250	ZWE	Short Wave Radio Africa, via Meyerton	1600-1700 E/Shona/Ndebele, ck 3230(ID) 11705. Alt fq to 15145. Broker: VT Merlin. Jammed	MAR05
C	11850	100	VTN	R Que Me, via Toshkent, UZB	Sa 1200-1230 Vietnamese, ex 15385	FEB05
B	11940	300	CHN	Voice of China, via Taiwan	1430-1530 2230-2330 C, ck 7270(ID + behaviour to avoid jamming)	MAR04
C	11995	250	ZWE	Short Wave Radio Africa, via Meyerton	1800-1900 E/Shona/Ndebele, ck 3230(ID) 11705 11770 15145. Broker: VT Merlin. Jammed	MAR05
A	12015	100	ERI	Voice of Democratic Eritrea, via Jülich, Germany	Nov-Mar: Sa 1500-1530 Tigrinya, 1530-1559 A, ck 5925(ID's) 15670 15715. Broker: DTK	MAR05
B	12015	100	MLD	R Minivan, via Jülich, Germany	Apr-Oct: 1600-1700 Dhivehi (Maldivian)/E, ck 11810(ID, Broker)	APR05
B	12060	250	SDN	R Nile, Talata-Volonondry, Madagascar	Sa-Tu 0427-0457 E/Sudanese A // 15320. Broker: RNW. Ex R Voice of Hope	APR05
A	12085	500	SYR	The Arabic R, London, via Maiac, Moldova	ʘ1600-1630 A // 7470(ID) but often delayed. Broker: WRN	MAR05
A	12120	250	ETH	R Voice of Oromo Liberation, via Samara, Russia	Apr-Oct: Mo/ Th 1700-1730 Oromo, ck 7590 9820(ID) 15670. Broker: TDP	APR05
C	12120	250	ETH	Voice of Oromia R, via Samara	Apr-Oct: Mo 1730-1800 Oromo, ck 7590(ID). Broker TDP	SEP04
B	12120	250	ETH	Dejen R, North America, via Armavir, Russia	Apr-Oct: Sa 1700-1800 Tigrinya, on certain days Amharic, ck 7590(ID)	APR05
B	12120	250	ETH	R Voice of ENUF, via Tbilisskaya, Russia	Apr-Oct: Fr/Su 1700-1800 Amharic. Operated by the Ethiopian National United Front (ENUF), Washington D.C.,USA. Broker: TDP	PPPPP
C	12130	240	SOM	R Horyaal, via Samara, Russia	Sa-Th 1730-1800 Somali, ex 12140. Broker: TDP	APR05
C	12145	250	ZWE	Short Wave Radio Africa, via Tbilisskaya, Russia	1600-1900 E/Shona/Ndebele // 3300 11770 15145, ck 3230(ID), alt fq: 11705 11845. Broker: VT Merlin	APR05
D	13690	500	ERI	Voice of the Eritrean People, via Rampisham, UK	Nov-Mar: Su 1730-1830 Tigrinya, ID: "Ezi dmtsi hzbi Ertra eyu" (This is the Voice of the Eritrean People). Produced by the Eritrean National Alliance (ENA), ck 15595. Broker: VT Merlin	NOV04
B	13800	500	IRN	R Anternational, via Maiac, Moldova	ʘApr-Oct: 1730-1800 (sometimes Th/Sa -1815) Farsi, ck 7490(ID). Broker: Merlin. Jammed	APR05
B	15105	500	LAO	H'Mong Lao R, via WSHB, Cypress Creek, SC, USA	Feb-Mar: Sa 1300-1400, Su 1400-1500 H'Mong, ck 6040(ID)	MAR05
C	15145	250	ZWE	Short Wave Radio Africa, via Pinheira, São Tomé	1600-1800 E/Shona/Ndebele // 12145, ck 3230(ID), alt fq: 11705 11845, ck 3300 11770. Broker: VT Merlin. Jammed	APR05
B	15260	100	LAO	H'Mong Lao R, via Pali, Taiwan	We/Fr 0100-0200 H'Mong // 6040(ID) or 9515. Broker VT Merlin	MAR05
B	15320	250	SDN	R Nile, Talata-Volonondry, Madagascar	Sa-Tu 0427-0457 E/Sudanese A // 12060. Broker: RNW. Ex R Voice of Hope	APR05
A	15325	300	SDN	Sudan R Service, via Woofferton	Apr-Oct: MF 0500-0600 A/ Juba-A/ Bari/Dinka/Nuer/Shiluck/Zande. Ck 11665 11795 17660. Broker VT Merlin	APR05
B	15370	250	ETH	R Mustaqbal, via Al Dhabbaya, UAE	Nov-Mar: Mo/Tu/Th 0630-0700 Somali. Operated by EDC (USAID) for Somali minority in Ethiopia. Broker: VT Merlin. Ck 15385 15530	MAR05
B	15385	250	ETH	R Mustaqbal, via Al Dhabbaya, UAE	Nov-Mar: Mo/Tu/Th 1130-1200 Somali. Operated by EDC (USAID) for Somali minority in Ethiopia. Broker: VT Merlin. Ck 15370 15530. Ex 17565	MAR05
B	15530	250	ETH	R Mustaqbal, via Al Dhabbaya, UAE	Apr-Oct: Mo/Tu/Th 0630-0700 1130-1200 Somali. Operated by EDC (USAID) for Somali minority in Ethiopia. Broker: VT Merlin. Ck 15370 15385	APR05
A	15530	300	SDN	Sudan R Service, via Woofferton	Nov-Mar: MF 1500-1545 E, 1545-1700 A/ Juba-A/ Bari/Dinka/Nuer /Shiluck/Zande, ck 11665 15325 17660	MAR05

B	15535	100	CHN	Voice of Tibet, via Yangi-Yul, Tajikistan	1215-1245 Tibetan, 1245-1300 C; alt fq: 15525 or 15540 Off ?	NOV04
B	15565	100	ETH	Voice of Ethiopian Unity, via Jülich, D	Apr-Nov: We/Su 1830-1930 Amharic to East Africa, ck 7220(ID). Broker: DTK	APR05
D	15595	250	ERI	Voice of the Eritrean People, via Skelton, UK	Apr-Oct: Su 1730-1830 Tigrinya, ex 17660, ck 13690(ID). Broker: VT Merlin	OCT04
B	15660	-	ERI	Voice of Delina, via Bulgaria ? or Samara ?	Sa 1500-1600 Tigrinya, sometimes E. Broker: TDP	APR05
B	15660	250	ETH	Tensae Ethiopia Voice of Unity, via Samara, Russia	Apr-Oct: Su 1500-1600 Amharic. Broker: TDP	APR05
D	15665	20	MRC	R for Peace, via Bulgaria	Fr 1100-1130 A, 1130-1200 S for Western Sahara.ID in S/A/Italian/E. Broker: Nexus, IRRS	MAR05
B	15670	100	ETH	Voice of Ethiopian Salvation, via Jülich, Germany	Apr-Oct: Su 1600-1658 Amharic, ck 9820(ID). Broker: DTK	APR05
A	15670	100	SOM	R Xoriyo, via Jülich, Germany	Apr-Oct: Tu/Fr 1630-1700 Somali, ck 9820(ID). Broker: DTK	OCT04
A	15670	100	ERI	Voice of Democratic Eritrea, via Jülich, Germany	Apr-Oct: Th 1700-1730 Tigrinya, 1730-1800 A, ck 5925(ID's), 9820. Some days 1700-1800 Tigrinya. Broker: DTK. Ck 15715	APR05
B	15670	100	ETH	Voice of Oromo Liberation, via Jülich, Germany	Apr-Oct: Tu/We/Fr/Su 1700-1730 Oromo, 1730-1800 Amharic; ck 9820(ID) . Broker DTK.	APR05
B	15675	250	ERI	Voice of Liberty, via Samara, Russia	We/Su 0600-0700 Tigrinya. Operated by the Eritrean People's Liberation Front – Democratic Party (EPLF-DP). Broker: TDP. Ck 7590(ID)	FEB05
C	15680	100	VTN	Que Huong Radio (= The Country Radio), via KWHR	W 1200-1300 Vietnamese, ID: Que Huong Radio", ex 9930. Broker: TDP	APR05
A	15715	100	ERI	Voice of Democratic Eritrea, via Jülich, Germany	Apr-Oct: Sa 1500-1530 A, 1530-1600 Tigrinya, 1730-1800 A, ck 5925(ID's), 12015 15670. Broker: DTK	OCT04
A	17495	250	BRM	Democratic Voice of Burma, via Talata-Volonondry, Madagascar	Nov-Mar: 1430-1515 Burmese, 1515-1530 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Kayan, Sa: Kachin, Su: Mon // 5905 (ID). Broker: RNW. Ck 17625	MAR05
B	17520	100	CHN	Voice of Tibet, via Toshkent, Uzbekistan	1100-1130 Tibetan, 1130-1148 C; alt. 17515 or 17525	APR05
B	17525	100	CHN	Voice of Tibet, via Toshkent, Uzbekistan	1100-1130 1215-1245 1300-1330 1430-1500 Tibetan, 1130-1148 1245-1300 1330-1349 1500-1518 C; alt. 17515 or 17520	APR05
B	17545	100	CHN	Voice of Tibet, via Toshkent, Uzbekistan	1215-1245 Tibetan, 1245-1300 C, jammed by music; alt. fq: 17525 or 17560	APR05
A	17625	250	BRM	Democratic Voice of Burma, via Talata-Volonondry, Madagascar	Apr-Oct: 1430-1515 Burmese, 1515-1530 Mo: Arakan, Tu: Chin, We: Shan, Th: Karen, Fr: Kayan, Sa: Kachin, Su: Mon // 5910. Broker: RNW. Ck 5905(ID) 17495	APR05
B	17660	300	SDN	Sudan R Service, via Woofferton	Apr-Oct: MF 1500-1545 E, 1545-1900 A/ Juba-A/ Bari/Dinka/Nuer /Shiluck/Zande, ck 11715 15530. Broker VT Merlin.	APR05
C	17870	100	UGA	R Rhino International – Africa, via Jülich, Germany	MF 1500-1530 E, s/on with theme from "If I had a Hammer", sl: "Your Voice of Freedom, Your Voice for Liberty, the symbol of hope". Produced by Voice of the Voiceless International – Uganda, via Allerwelthaus Köln ev. V.,Cologne, Germany. Off Feb-Jun 2004 and in March 2005 due to unpaid bills.	APR05

### Category 3: Clandestine programmes from official broadcasters

Code	kHz	kW	To	Station	Schedule (UTC), remarks	Last log
B	5102	10	IND	Voice of Freedom of Jammu & Kashmir, via Islamabad, Pakistan	1300-1430 Kashmiri. ID: "In Sedai Furiyati Jammu Kashmir.."; exc. 1400-1410v E, ID: "This is the Voice of Freedom of Jammu Kashmir", operated by Harkat ul Mujahhideen. Also scheduled in Urdu/Hindi/ Balti/Gojri/Paharai; ck 5990 7230, n 5100 (same transmitter is used by Azad Kashmir R on 4790)	MAR05
C	5500	10	ERI	Voice of Peace & Democracy of Eritrea, Mek' elé, Ethiopia	W 0315-0350, MF 1415-1450v Tigrinya // 6350; irregular. Same transmitters are used for Ethiopian domestic broadcast from 0400. Broadcasts in support of the People' s Democratic Forces of Eritrea.	MAR05
D	5990	10	IND	Voice of Freedom of Jammu & Kashmir, Islamabad, Pakistan	0230-0400 Urdu, ID: "Yeh Radio Sada-e Hurriyat-e Jammu wa Kashmir Hai", n 5985, ck 5102 7230v. Jammed	JAN04
B	6100	100	PAK	R Voice of Kashmir, via AIR, India	0230-0310 1430-1510 Urdu, ID: "Yeh Radio Sadayee Kashmir hai", 0310-0330 1510-1530 Dogri (?); anti-Pakistan Government. 0230 broadcast is repeated 1430, jammed. Ck 9890	MAR05
C	6350	10	ERI	Voice of Peace & Democracy of Eritrea, Mek' elé, Ethiopia	W 0315-0350, MF 1415-1450v Tigrinya // 5500; irregular. Same transmitters are used for Ethiopian domestic broadcast from 0400	DEC04
B	7230	10	IND	Voice of Freedom of Jammu & Kashmir, Islamabad, Pakistan	0745-0845 Urdu, ck 5102(ID) 5990; r 7235	PPPPP
B	9890	100	PAK	R Voice of Kashmir, via AIR, India	0730-0810 Urdu, ID: "Radio Sadaye Kashmir", 0810-0830 Dogri (?), repeat of 0230 broadcast on 6100; anti-Pakistan Government	DEC04



**Category 4: Covert broadcasts by opposition groups.**

Code	kHz	kW	To	Station	Schedule (UTC), remarks	Last log
A	3880	50	IRN	Voice of Iranian Revolution, possibly via Northern Iraq	≈1500-1530v Kurdish. ID: "Dangi shurashi Iranya Kurdistana" S/on: "The Internationale". Produced by the Kurdish Communist Party of Iran (Komalah) // 4380v 6420v, d 3865-3896 jumping 5 kHz. Jammed.	MAR05
A	3880	50	IRN	Voice of the Communist Party of Iran, possibly via No. Iraq	≈1628-1800v Farsi // 4380v 6420v, ID: "Seda- ye Hezb-e Komunist-e Irana"; "Radyo Komalah". Opens and closes with "The Internationale". Produced by the Kurdish Communist Party of Iran (Komalah), d 3865 - 3896 jumping 5 kHz. Jammed	APR05
A	3912	-	KRE	Voice of the People, via Goyang, KOR (operated by the Korean Armed Forces)	1100-1900 Korean // 6600, d -3912.6. Jammed	MAR05
A	3930	-	IRN	R Voice of Komala	≈0325-0400v 1700-1800v Surani Kurdish, ID: "Eira dengi Komala, dengi azadi e socializmu" (Voice of Komala, Voice of Freedom and Socialism). 0400v-0430v 1800v-1830v Farsi, ID: "Radio Komala" & "In seda-ye Radio Payama, Radio Payam-seda-ye parezgaran-e azadi Kordestana, sada-ye amnestizi y irbayda Iran, seda-ye azadi e socializmu." // 4610v. Produced by a fraction in Cologne, Germany, separated from Komalah, d 3915-3940. Jammed	APR05
A	3970	-	IRN	Voice of Iranian Kurdistan, Al-Sulaymaniyah, No. Iraq	≈0250-0430 1600-1700 Kurdish, ID: "Air dangi Kurdistan Irana", 0430-0500 1500-1530v Farsi ID: "Seda-ye Kordestan-e Iran". // 4860. Produced by the Democratic Party of Iranian Kurdistan, Canada. d 3945-3985. Jammed	APR05
C	3985	50	KRE	R Echo of Hope, Kimp' o, KOR (operated by the National Intelligence Service)	0300-0600 1200-1800 2000-2300 Korean // 6348, ID: "Huimang-e Meari Pangsong", d-3980. Jammed . Off the air ?	MAR05
A	4375	50	IRN	Voice of Iranian Revolution, possibly via Northern Iraq	≈1500-1530v Kurdish // 3880v (ID + details) 6420v, d 4360-4390 jumping 5 kHz. Jammed	MAR05
A	4375	50	IRN	Voice of the Communist Party of Iran possibly via No. Iraq	≈1628-1800v Farsi // 3880 (ID + details) 6420v; d 4360-4380 jumping 5 kHz. Jammed	APR05
B	4610	-	IRN	R Voice of Komala	≈0325-0400v 1700-1800v Surani Kurdish, 0400v-0430 1800v-1830v Farsi // 3930v(ID); d 4600-4625. Jammed	APR05
B	4860	-	IRN	Voice of Iranian Kurdistan, Al-Sulaymaniyah, No. Iraq	≈0250v-0430 1600-1700 Kurdish, 0430-0500 1500-1530v Farsi, // 3970(ID's), b ut unsynchronous; r Kurdish -1800*	APR05
D	6000	-	MEX	R Insurgente, Chiapas, Mexico	Fr 2100 S (as announced Feb 2005, but never reported heard!)	
B	6315	-	IRQ	R Roj (= Sun), Salah al-Din (?), Northern Iraq	r *0300-0630 *1358-1900* Kurmanji Kurdish, ID: "Azad Radyo Roj (pronounced: Rozh)", d - 6310	APR05
B	6348	50	KRE	R Echo of Hope, Kimp'o, KOR	0300-0600 1200-1800 Korean // 3985 (ID and operator), jammed	APR05
A	6420	50	IRN	Voice of Iranian Revolution, possibly via Northern Iraq	≈1500-1530v Kurdish // 3880v(ID) 4380v, d 6400-6426, jumping 5 kHz. Jammed	MAR05
A	6420	50	IRN	Voice of the Communist Party of Iran, possibly via No. Iraq	≈1628-1800v Farsi // 3880v(ID) 4380v, d 6400-6426, jumping 5 kHz. Jammed. r -1745*	APR05
A	6600	-	KRE	Voice of the People, via Gimpo, KOR (operated by the KAF)	1100-1900 Korean // 3912. Jammed	MAR05
A	7460	20	MRC	National R of the Saharan Arab Democratic Republic, Rabouni (near Tindouf), Algeria	0600-0800v(Fr-0900) 1700-2300 A, 2300-2400 S // 1550MW. A ID: "Idha' at al-wataniyah li al-jumhuriyah al-arabiyah al-sahrawiyah al-dimuqratiyah". S ID: "Esta es la Rádio Nacional de la Republica Arabe Saharawi Democrática - Voz del Pueblo Saharawi", "Rádio Nacional Saharawi". Operated by Polisario	APR05
B	7999,3	-	SDN	Voice of Sudan, Eritrea	1230-1300 1530-1600 A, ID: 'S awt al-sudan, sawt al-dimuqratiyah wa al-salam, itha' at al-tajamu al-watani al-dimuqrati' (Voice of democracy and peace, radio of the National Democratic Alliance), 'Sawt al-Shaab al-Sudan'	MAR05
D	9310	-	SDN	Voice of New Sudan	F. Pl. from DEC 2004: Su 1200-1500 A, alt. fq: 9485	

## DBS-7 Part 4 April 2005

Stations between 2 and 8 MHz deleted from the DBS since May 2001

kHz	ITU	Station	Last log			
				4319	DGA	AFRTS, Diego Garcia JAN04
				4335,1	PRU	R Naylamp, Lambayeque AUG03
				4415	XXX	Voice of the People of Kurdistan MAY03
				4449,9	BOL	Estación Frontera, Cobija, Pando APR02
				4450	XXX	V. of the National Salvation, Haeju JUN03
				4471,7	BOL	R Movima, Santa Ana del Yacuma MAY02
				4485	RUS	GTRK R Bashkortostan, Yazykovo JAN03
				4500	USA	Information R, via USAF over Iraq MAY03
				4520	RUS	GTRK "Palana", Palana, Far East PPPPP
				4532	PRU	R Cielo, Chiclayo, Lambayeque JUL02
				4534,1	PRU	R Horizonte, Chiclayo, Lambayeque JUN01
				4541	BLR	Minsk utility station (USB) APR03
				4552,3	BOL	R Difusora Trópico, Trinidad, Beni JUL01
				4576	PRU	R Uno, Chiclayo, Lambayeque NOV01
				4627,2	PRU	R San Augustin, Celendín NOV02
				4650	XXX	Voice of Mojahed, Baqubah, Iraq JAN04
				4655	PRU	R Nuevo Amanecer, Celendín SEP01
				4678,9	PRU	R Paz Perú Internacional, Chiclayo JUN02
				4702,2	BOL	R Eco San Borja, San Borja, Beni SEP01
				4719,8	BOL	R Abaroa, Riberalta, Beni DEC01
				4722,8	BOL	R Uncía, Uncía, Potosí MAR04
				4725	BRM	R Myanmar, Yangon, Yegu FEB03
				4731,8	BOL	R La Palabra, Santa Ana del Yacuma APR03
				4750	PRU	R San Francisco Solano, Sónдор, Piura MAR04
				4765	COG	R Congo, Brazzaville SEP03
				4773,8	EQA	R Centinela del Sur, Loja, Loja FEB04
				4785	XXX	Republic of Iraq R, Jeddah OCT03
				4790	IND	AIR Delhi via Chennai FEB04
				4795	B	R Nova Difusora, Aquidauana, MS JUN03
				4800	LSO	LNBS, Lancers Gap JAN04
				4800	PRU	R Satélite, Santa Cruz, Cajamarca MAY03
				4815	B	R Nacional, Tabatinga, Amazonas JUL03
				4815	BFA	Rdif TV Burkina, Ouagadougou MAR03
				4815	CHN	China R International via Hohhot NOV02
				4819,2	HND	La Voz Evangélica, Tegucigalpa JUL03
				4820	BOT	R Botswana, Sebele SEP03
				4825	RUS	R Rossii & NVK "Sakha", Yakutsk NOV01
				4828	ZWE	ZBC, Gweru MAR04
				4837,5	ARS	BSKSA, Riyadh MAR02
				4840	EQA	R Interoceánica, Santa Rosa de Quijos DEC01
				4840,1	PRU	R Andahuaylas, Andahuaylas JAN02
				4845	GTM	R K' ekchi' , Fray Bartolomé d. l. Casas NOV03
				4845	MLA	RTM Kuala Lumpur, Kajang DEC03
				4850	CHN	CNR 2, Beijing MAR03
				4850	MNG	R Khekh Tangar, Ulan Bataar DEC03
				4850	UZB	Uzbek R 2, Toshkent JUN01
				4855	BLR	Minsk utility station (USB) FEB03
				4860	EQA	R Federación Shuar, Sucua JAN02
				4865	MNG	Mongolian National R, Sainshand AUG04
				4870	CLN	SLBC, Ekala MAR04
				4876	RUS	Tbilisskaya, Krasnodarskiy Kray SEP03
				4879	PRU	R Comas, Comas, Lima OCT02
				4879,4	EQA	R Nacional Espejo, Quito NOV02
				4883	CHN	China R International via Hohhot NOV02
				4885	KEN	Kenya BC, Langata JUL01
				4895	B	R IPB-AM, Campo Grande, MS MAY04
				4895	RUS	Tyumen, Tyumen Oblast DEC01
				4899,2	EQA	La Voz de Saquisilí y Libertador JUL02
				4900	B	R Comunidade das Gerais, N. de MG MAR04
				4902	CLN	SLBC, Ekala SEP04
				4904,8	PRU	R La Oroya, La Oroya, Junín SEP03
				4914,7	PRU	R Cora, Lima DEC02
				4930	DOM	R Barahona, Barahona MAR03
				4930	RUS	R Rossii USB-relay JAN03

4930	VTN	Yen Bai	JUN02	5840	PAK	R Pakistan, Islamabad	MAY03
4930,6	HND	R Costeña Ebenezer, San Pedro Sula	AUG03	5850	XXX	Voice of Iraqi Kurdistan, Salah al-Din	MAR02
4933	CLM	R Familiar Cristiana, Vereda La Puerta	APR04	5854,6	PRU	R Americana, Nueva Cajamarca	MAR02
4935	PRU	R Tropical, Tarapoto, San Martín	JUL01	5880	CHN	China National R 1, Shijiazhuang	DEC02
4939,7	BOL	R Norte, Montero, Santa Cruz	JAN02	5895	RUS	R Rossii, Tbilisskaya, Krasnodar	MAR03
4940	CHN	China Huayi Broadcasting Corp.	JAN04	5900	EQA	R Cosmopolita, Quito	JUN02
4940	CLN	SLBC, Ekala	JUL04	5900	EGY	R Cairo, Abu Zaabal	SEP01
4940	RUS	R Mix-Master, Yakutsk, Siberia	DEC02	5900	XXX	Voice of Iraqi People, Iraqi Kurdistan	MAY03
4940	KGZ	Krasnaya Rechka, Bishkek	JAN04	5905	RUS	R Rossii, Popovka, St. Petersburg	APR03
4950	EQA	R Bahá' í, Otavalo, Imbabura	JUN01	5910	PRU	R Chasqui, Cusco	APR03
4955	B	R Clube, Rondonópolis, MT	OCT01	5910	RUS	R Rossii, Kurovskaya, Moskva	FEB03
4955	B	R Cultura, Campos dos Goitacazes, RJ	APR03	5910	RUS	Petropavlovsk-Kamchatskiy R C.	DEC02
4960	DOM	R Cima, Santo Domingo	JUL04	5915	PAK	R Pakistan, Islamabad	JAN03
4960	VUT	R Vanuatu, Emten Lagoon	OCT01	5920	RUS	R Rossii, Popovka, St. Petersburg	JAN03
4965	PRU	R San Miguel, Cusco, Cusco	JAN04	5920	RUS	R Gardarika, Popovka, St. Petersburg	MAR02
4975	B	R Mundial FM, São Paulo	DEC02	5935	RUS	R Rossii, Kurovskaya, Moskva	AUG03
4975	CHN	Fujian PBS, Fuzhou, Fujian	JUN01	5940	RUS	R Rossii, Kurovskaya, Moskva	OCT03
4975	CLM	Ondas del Orteguaza, Florencia	AUG03	5950	CHN	Xizang PBS, Lhasa, Tibet	SEP01
4980	VEN	Ecos del Torbes, San Cristóbal	OCT02	5950	YEM	Yemen R & TV Corp., Sana'a	OCT01
4990	XXX	MBS Radio, Madagascar	APR02	5953,9	CTR	R Casino, Puerto Limón	MAY02
4995	I	AFRTS, Sigonella, Sicily	JUL01	5955	GTM	R Cultural, Guatemala City	MAY03
5009,8	DOM	HIMI, R Cristal Internacional/R Pueblo	AUG04	5965	RUS	R Rossii, Tbilisskaya, Krasnodar	OCT02
5010	CHN	China National R 2, Beijing	OCT02	5973	BRM	Myawaddy R Station	AUG02
5010	HND	HRMI, La Voz de Misiones Int.	JUN03	5973,5	CLM	R Macarena, Villavicencio	MAY03
5010,3	EQA	ERPE, Riobamba, Chimborazo	NOV01	5975	CHN	China National R 1, Shijiazhuang	APR03
5015	B	R Brasil Tropical, Cuiabá, MG	MAY03	5975	ZWE	ZBC, Gweru	APR04
5019,7	CLM	Ecos del Atrato, Quibdó, Cochó	FEB04	5985	MEX	R México Int., México, DF	NOV02
5020	CLN	SLBC, Ekala	SEP04	5985	PNG	R Eastern New Britain, Rabaul	APR03
5020,6	NGR	La Voix du Sahel, Niamey	NOV01	5985	TZA	R Tanzania, Dar es Salaam	SEP01
5024,8	B	R Jornal da Transamazônica, Altamira	JAN02	5995	CHL	R Voz Cristiana, Calera de Tango	APR04
5035	TJK	R Liberty via Yangiyul	FEB04	6000	UAE	R Afghanistan, via Al-Dhabbaya	JAN03
5035	VTN	Dai Tieng Noi Vietnam, Hanoi	JUL04	6010	BHR	R Bahrain, Ras Hayan	JUN03
5040	INS	RRI Pekanbaru, Riau, SR	MAY03	6015	G	British Forces Broadcasting Sce	APR03
5046,8	TGO	Rdif. Togolaise, Togblekope, Lomé	MAR04	6025	BOL	R Illimani, La Paz	NOV02
5050	PAK	R Pakistan, Islamabad, Haya Allal F.	NOV03	6025	MLA	RTM R 7&8, Kuala Lumpur, Kajang	FEB04
5054,6	CTR	TIFC R Faro del Caribe, San Isidro	JUN04	6025	NIG	Enugu National Station, Enugu	MAR03
5055,2	PRU	R Onda Imperial, Cusco, Cusco	SEP03	6025	XXX	Voice of Palestine, Sirjan, VOIRI	OCT03
5090	CHN	China National R 5, Beijing	MAR02	6029,7	CHL	R Santa María, Coyhaique	APR03
5100	LBR	Liberian Communications Network,	MAR03	6030	D	Südwestrundfunk, Mühlackner	SEP04
5115,8	PRU	R Naylamb, Lambayeque	FEB04	6030	RUS	R Rossii & GTRK "T-7", Perm	PPPPP
5122,1	PRU	R Santa Rosa, Tabaconas, San Ignacio	JUL02	6035	POL	R Racja, Bialystok	APR02
5175,5	PRU	L. P. C. R Continente, Moyobamba	SEP01	6036	BOL	R Cosmos, Cochabamba	MAR02
5176,5	PRU	R la Amistad, Tayabamba, Pataz	OCT03	6050	B	R Guarani, Belo Horizonte, MG	DEC02
5218	PRU	R Tropical, Huarmaca	NOV02	6050	TWN	CBS, Taipei	AUG01
5241	ARG	Argentine Armed Forces (LSB)	JUL03	6060	I	RAI, Caltanissetta	APR03
5256	BLR	Minsk Utility station (USB)	FEB03	6060	MLA	RTM, Miri, Sarawak	JUL02
5264,9	PRU	R La Voz de Chiriaco, Chiriaco, Bagua	JUN01	6060	RUS	R Rossii, Moskva	OCT02
5290	RUS	Krasnoyarsk, Krasnoyarsk Kray	SEP02	6060	RUS	R Rossii & GTRK, Blagoveshchensk	PPPPP
5290	RUS	R Diapzon, Perm	JAN02	6060	TWN	CBS, Minhsiung	NOV03
5300	PRU	R Superior, Bolivar	MAR03	6065	PAK	R Pakistan, Islamabad	PPPPP
5320	CHN	China National R 1, Beijing	MAR03	6065	ZMB	Christian Voice, Lusaka	MAR04
5323,6	PRU	La Voz de Anta, Anta, Acobamba	AUG01	6070	THA	R Thailand, Pathumthani	FEB02
5341	PRU	R Nuevo Horizonte, Retamas, Parcoy	JUL01	6071,2	INS	RRI Jayapura, IJ	DEC02
5350	XXX	Voice of Mojahed, Baqubah, Iraq	JAN04	6075	CHN	China National R 1	JUL02
5387,8	PRU	R Manantial, Otuzco, La Libertad	APR02	6075	CLN	SLBC, Ekala	JUL01
5459	PRU	R Panorama, Recobamba, Celendín	SEP03	6075	URG	CXA3, R La Voz de Artigas,	JAN02
5470	LBR	R Veritas, Monrovia	JUN03	6080	CHN	Hailar, Nei Menggu	JUL02
5500	PRU	R San Miguel, San Miguel, Cajamarca	AUG03	6085	IND	AIR Gangtok	PPPPP
5500	XXX	V. of Peace & Democracy of Eritrea	APR02	6090	CHN	China National R 1, Ge'ermu, Qinghai	NOV03
5544,7	PRU	R San Lorenzo, Parroquia San Lorenzo	MAY02	6090	LBR	R Veritas, Monrovia	PPPPP
5557,6	PRU	R Comercial, Lajas, Chota	MAY02	6100	CAF	R TV Centrafricaine, Bangui	JUN02
5588,2	CLM	R Nueva Juventud, Pasto, Nariño	AUG02	6100	LBR	Liberian Communications Network	JUL03
5597	VTN	Lào Cai	JAN02	6100	NPL	R Nepal, Khumaltar	OCT02
5620	PRU	R Cielo, Chiclayo (pirate)	JAN04	6100	XXX	R Ecclesia, Luanda via Meyerton	AUG02
5650	XXX	Voice of Mojahed, Baqubah, Iraq	DEC03	6105	MEX	XEQM, Candela FM, Mérida, Yucatán	APR03
5733,8	VTN	Yen Bai	FEB02	6108,4	PRU	R Internacional del Perú, San Pablo	NOV03
5770	NGC	R Miskut, Puerto Cabezas	APR04	6110	POL	R Racja, Bialystok	APR02
5775,3	PRU	R La Voz de San Juan, Lonya Grande	JUN04	6115	CLM	La Voz del Llano, Villavicencio	NOV03
5800	XXX	R Insurgente (R Insurgent), Mexico	NOV03	6115	RUS	R Rossii, Taldom, Moskva	JAN03

6120	XXX	La Voz de la Resistencia	JUN04	7070	XXX	Voice of Mojahed 2, Baqubah, Iraq	FEB03
6125	RUS	R Rossii, Samara	JAN03	7085	AFG	R Voice of Shari'ah, Kabul	OCT01
6125	RUS	Yoshkar-Ola, EU RUS	OCT02	7100	XXX	Voice of Islamic Rev. of Iraq, Sirjan	JAN03
6125	RUS	R Radonezh, Moskva via Samara	JAN02	7105	TWN	CBS, Tamsui, News Network	NOV03
6130	CAN	CHNX Halifax	JUL01	7105	XXX	Voice of Al-Aqsa Intifadah, IRN	MAY02
6130	CLN	SLBC Ekala	JUN01	7110	QAT	Qatar Brc.Sce., Al Khaisah	OCT01
6130	GHA	GBC, Accra	APR03	7120	I	IRRS, Milano	MAY02
6135	CHN	CNR 2, X' ian, Shaanxi	NOV01	7120	VTN	Voice of Vietnam 1, Hanoi	NOV01
6135	KOR	KBS-2, Hwasong	APR02	7130	BOL	R Cosmos, Cochabamba	MAR02
6135	YEM	Yemen R & TV Corp., Sana'a	JAN03	7130	CHN	Gannan, Hezou, Gansu	JAN02
6139,1	SRL	UN Radio(UNAMSIL), Freetown	JAN03	7130	MWI	MBC, Limbe	FEB02
6140	BDI	R Burundi, Gitega	JUL03	7130	PAK	R Pakistan, Rawalpindi & Islamabad	PPPPP
6140	TWN	CBS, Tainan	NOV03	7130	XXX	Malagasy Broadcasting System, Tana	AUG02
6140,2	BDI	R TV Nationale du Burundi,	SEP01	7140	RUS	R Rossii, Moskva	OCT02
6140,9	PRU	CPN Rádio, Arequipa, Arequipa	NOV02	7140	RUS	Yakutsk, Respublika Sakha, Siberia	DEC02
6145	XXX	Voice of Islamic Rev. of Iraq, Sirjan	JAN03	7145	LAO	R Nationale Lao, Vientiane. FS only	SEP04
6149,8	THA	Or Sor, Bangkok	AUG03	7145	VTN	Voice of Vietnam 2, So' n Tay, Hanoi	DEC02
6150	CLN	SLBC, Ekala	MAR04	7155	JOR	R Jordan, Qasr el Kharana	FEB04
6155	GUI	RTVG, Conakry	JUN03	7155,5	NGR	La Voix du Sahel, Niamey	JUN01
6155	URG	R Banda Oriental, Sarandí del Yi	SEP03	7165	NPL	R Nepal, Khumaltar	JAN02
6165	CHN	China National R 1, Ge'ermu , Qinghai	NOV03	7170	BLR	Belaruskaje Radyjo 1, Kalodzišćy	MAR04
6175	CTR	Faro del Caribe, San José	JUL03	7175	I	RAI, Caltanissetta	APR03
6175	IRQ	Republic of Iraq R, Salman Pak	MAR03	7175	RUS	Khabarovsk	NOV01
6175	ZWE	ZBC, Gweru	MAR02	7175	XXX	Voice of Al-Aqsa Intifadah, IRN	MAY02
6175,1	XXX	Voz de la Resistencia, Colombia	DEC02	7180	I	RAI, Prato Smeraldo, HS 2	APR04
6180	POL	R Racja, Bialystok	JAN02	7182	XXX	R Kavkaz	NOV02
6180	XXX	Rainbow R, Jülich, Germany	JAN03	7185	CHN	CNR 2, X' ian, Shaanxi	NOV01
6185	CLN	SLBC, Ekala	JUN01	7185	MRC	Rdif. TV Marocaine, Briech	MAR02
6185	TUR	Voice of Turkey, Emirler	NOV03	7200	RUS	CRR-3, Yoshkar-Ola, EU RUS	AUG01
6200	XXX	Voice of Palestine, Sirjan, VOIRI	FEB03	7210	QAT	Qatar Broadcasting Service,	MAR02
6220	I	IRRS, Trezzo d'Adda, Milano	JAN03	7210	RUS	CRR-8, Khabarovsk, Far East	JAN02
6230v	XXX	Democratic Voice of Iran	NOV02	7214	PAK	R Pakistan, Islamabad	OCT02
6239,8	XXX	La Voz de la Resistencia	JUN04	7215	CTI	Rdif. TV Ivoirienne, Abidjan	JUN01
6245	RUS	R Radonezh, Moskva via Samara	DEC01	7215	NOR	Uke Senderen, Trondheim	OCT01
6245	RUS	R Studio/Gardarika, St. Petersburg	DEC03	7215	ROU	R Romania, Galbeni	AUG02
6265	TWN	CBS, Taipei	NOV01	7215	TUR	Voice of Turkey	OCT02
6265	ZMB	ZNBC, Lusaka	FEB03	7215	XXX	Voice of the People, Talata-Volonondry	MAR03
6280	TWN	CBS, Tainan	NOV03	7220	CAF	R TV Centrafricaine, Bangui	MAR03
6290	I	IRRS, Trezzo d'Adda, Milano	FEB03	7220	CHN	CNR 2, X' ian, Shaanxi	NOV01
6299	PRU	R Cielo, Chiclayo, Chiclayo	JAN02	7220	IND	AIR Delhi	JAN03
6324,4	PRU	R Dif. Comercial, Nueva Cajamarca	JAN03	7220	RUS	R Rossii, Ekaterinburg Radio Centre	OCT03
6329,1	PRU	R La Voz de El Faique, Cajamarca	MAY04	7220	TWN	Truth for the World, Tainan	MAR04
6419,2	PRU	R Tropical, Huancabamba	MAY03	7220	VTN	Voice of Vietnam 6, Hanoi	MAR04
6450	XXX	Voice of Mojahed, Baqubah, Iraq	JAN04	7255	BOT	R Botswana, Sebele	FEB04
6495	VTN	Cao Bang	FEB04	7255	IND	AIR Delhi	FEB03
6520	PRU	R Ondas del Río Marañon, Aramango	MAY02	7260	G	British Forces Broadcasting Sce	APR03
6524,1	PRU	R El Libertador, Bagua Grande	FEB02	7265	D	Südwestrundfunk, Rohrdorf	OCT04
6536,2	PRU	R San Miguel de Sondor, Sondor	JUL03	7275	BLR	Belaruskaje Radyjo, Minsk	MAR02
6537,3	BOL	La Voz del Campesino, Sipe Sipe	SEP02	7280	TZA	R Tanzania, Dar es Salaam	APR03
6642,7	PRU	R Comercial, Lajas, Chota, Cajamarca	FEB02	7295	RUS	R Rossii, Irkutsk	DEC02
6664	VTN	Lào Cai	AUG02	7300	PRG	R América, Villeta	OCT02
6673,9	PRU	R Super Sensación, Huancabamba	MAR02	7310	TWN	CBS, Minhsiung, News Network	NOV03
6713	XXX	R Bukavu, Congo Dem. Rep.	SEP01	7310	XXX	R Voice of People, Madagascar	OCT02
6715	CNR	Full Gospel Las Palmas Church	JAN04	7325	RUS	R Nachik, Karbadino- Blakariya Rep	JUN01
6724	PRU	R Cielo, Chiclayo (Pirate)	JUL04	7325	RUS	R Adygeya, Maykop, Adygeya	JUL01
6750v	SOM	R Mogadishu, Vo.Masses of Somali.	JAN03	7360	RUS	GTRK "Kamchatka", Yelizovo	PPPPP
6782,7	PRU	R Ondas del Pacifico, Ayabaca, Piura	NOV02	7365	RUS	R Rossii, Krasnodar, Tbilisskaya	OCT02
6790	CHN	China National R 6, Beijing	AUG01	7365	RUS	GTRK "Kamchatka", Yelizovo	APR03
6797,5	PRU	R Ondas del Río Mayo, N. Cajamarca	JUL03	7365	TWN	CBS, Huwei, News Network	NOV03
6810	SOM	R Baydhabo, Baidoa, Iidaale	APR03	7365	TWN	CBS, Huwei, Chinese Network	FEB04
6822	SOM	R Mogadishu, Mogadishu	FEB02	7370	PRG	R Colégio Técnico, Municipal, Nemyby	AUG03
6828,3	COD	R Bunia, Bunia	APR03	7380	RUS	R Maryja, Torun, Poland via Samara	SEP03
6883,5	BOL	R Impacto Cristiano, La Paz	MAY02	7380	RUS	R Maryja, Torun, via Tbilisskaya	OCT03
6895,4	PRU	Voz de San Miguel, S.Mig. El Faique	AUG03	7400	RUS	R Maryja, Torun, via Tbilisskaya	JAN03
6950	XXX	Voice of Mojahed 1, Baqubah, Iraq	AUG03	7436	UKR	R Veda, Dnipropetrovsk (?)	JUN03
6985	XXX	Voice of Freedom and Renewal, Sudan	MAR04	7445	CTR	R For Peace International,	OCT03
7000	XXX	Peace R, Bagram Air Base, AFG	OCT03	7460	XXX	IBC Tamil, via Novosibirsk	APR04
7002	SOM	R Banaadir, Mogadishu	APR03	7460	XXX	The Voice of Tigers, Kokavil, CLN	NOV01
7050	XXX	Voice of Mojahed 1, Baqubah, Iraq	OCT03	7737	PRG	R América, Villeta	DEC02