



MTXTRA

Shortwave Broadcast Guide

HOW TO USE THE SHORTWAVE GUIDE



0000-0100 twhfa USA, Voice of America Spanish 5995am 6130ca 7405am 9455af
 ① ② ⑤ ③ ④ ⑥ ⑦ ⑧

Convert your time to UTC.

Broadcast time on ① and time off ② are expressed in Coordinated Universal Time (UTC) – the time at the 0 meridian near Greenwich, England. To translate your local time into UTC, first convert your local time to 24-hour format, then add (during Daylight Time) 4, 5, 6 or 7 hours for Eastern, Central, Mountain or Pacific Times, respectively. Eastern, Central, and Pacific Times are already converted to UTC for you at the top of each hour.

Note that all *dates*, as well as times, are in UTC; for example, a show which might air at 0030 UTC *Sunday* will be heard on *Saturday* evening in America (in other words, 8:30 pm Eastern, 7:30 pm Central, etc.).

Find the station you want to hear.

Look at the page which corresponds to the time you will be listening. English broadcasts are listed by UTC time on ①, then alphabetically by country ③, followed by the station name ④. (If the station name is the same as the country, we don't repeat it, e.g., "Vanuatu, Radio" [Vanuatu].)

If a broadcast is not *daily*, the days of broadcast ⑤ will appear in the column following the time of broadcast, using the following codes:

<u>Codes</u>	
s/Sun	Sunday
m/Mon	Monday
t	Tuesday
w	Wednesday
h	Thursday
f	Friday
a/Sat	Saturday
occ:	occasional
DRM:	Digital Radio Mondiale
irreg	Irregular broadcasts
vl	Various languages
USB:	Upper Sideband

The language ⑥ is designated in the next column.

Choose the most promising frequencies for the time, location and conditions.

The frequencies ⑦ follow to the right of the station listing; all frequencies are listed in kilohertz (kHz). Not all listed stations will be heard from your location and virtually none of them will be heard all the time on all frequencies.

Shortwave broadcast stations change some of their frequencies at least twice a year, in April and October, to adapt to seasonal conditions. But they can also change in response to short-term conditions, interference, equipment problems, etc. Our frequency manager coordinates published station schedules with confirmations and reports from her monitoring team

and MT readers to make the Shortwave Guide up-to-date as of one week before print deadline.

To help you find the most promising signal for your location, immediately following each frequency we've included information on the target area ⑧ of the broadcast. Signals beamed toward your area will generally be easier to hear than those beamed elsewhere, even though the latter will often still be audible.

Target Areas

af:	Africa
al:	alternate frequency (occasional use only)
am:	The Americas
as:	Asia
ca:	Central America
do:	domestic broadcast
eu:	Europe
me:	Middle East
na:	North America
pa:	Pacific
sa:	South America
va:	various

Mode used by all stations in this guide is AM unless otherwise indicated.

MT MONITORING TEAM

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MTXtra Shortwave Broadcast Guide Contributors

Thank you to the following frequency contributors . . .

ADDX Munich; ADXC; BCL News; Cumbre DX; DSWCI/DX Window; DX Asia; DX India; Hard-Core DX; DX Re Mix News 730-734; BCDX/WWDX/Top News.

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Shortwave Broadcast Bands

kHz	Meters
2300-2495	120 meters (Note 1)
3200-3400	90 meters (Note 1)
3900-3950	75 meters (Regional band, used for broadcasting in Asia only)
3950-4000	75 meters (Regional band, used for broadcasting in Asia and Europe)
4750-4995	60 meters (Note 1)
5005-5060	60 meters (Note 1)
5730-5900	49 meter NIB (Note 2)
5900-5950	49 meter WARC-92 band (Note 3)
5950-6200	49 meters
6200-6295	49 meter NIB (Note 2)
6890-6990	41 meter NIB (Note 2)
7100-7300	41 meters (Regional band, not allocated for broadcasting in the western hemisphere) (Note 4)
7300-7350	41 meter WARC-92 band (Note 3)
7350-7600	41 meter NIB (Note 2)
9250-9400	31 meter NIB (Note 2)
9400-9500	31 meter WARC-92 band (Note 3)
9500-9900	31 meters
11500-11600	25 meter NIB (Note 2)
11600-11650	25 meter WARC-92 band (Note 3)
11650-12050	25 meters
12050-12100	25 meter WARC-92 band (Note 3)
12100-12600	25 meter NIB (Note 2)
13570-13600	22 meter WARC-92 band (Note 3)
13600-13800	22 meters
13800-13870	22 meter WARC-92 band (Note 3)
15030-15100	19 meter NIB (Note 2)
15100-15600	19 meters
15600-15800	19 meter WARC-92 band (Note 3)
17480-17550	17 meter WARC-92 band (Note 3)
17550-17900	17 meters
18900-19020	15 meter WARC-92 band (Note 3)
21450-21850	13 meters
25670-26100	11 meters

Notes

- Note 1 Tropical bands, 120/90/60 meters are for broadcast use only in designated tropical areas of the world.
- Note 2 Broadcasters can use this frequency range on a (NIB) non-interference basis only.
- Note 3 WARC-92 bands are allocated officially for use by HF broadcasting stations in 2007
- Note 4 WRC-03 update. After March 29, 2009, the spectrum from 7100-7200 kHz will no longer be available for broadcast purposes and will be turned over to amateur radio operations worldwide

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0000 UTC - 8PM EDT / 7PM CDT / 5PM PDT

0000	0005		USA, BBG/Voice of America	Dari	7555as			
0000	0015	mt	India, Athmeeya Yatra R	Bodo	9520as			
0000	0015	wh	India, Athmeeya Yatra R	Khurukh	9520as			
0000	0015	fas	India, Athmeeya Yatra R	Mising	9520as			
0000	0015		Philippines, FEBC Philippines	Khmu	9795as			
0000	0015		Philippines, FEBC Philippines	Lu	12055as			
0000	0027		Iran, VO Islamic Rep of Iran	Chinese	13670as	13715as		15470as
0000	0027		Philippines, R Veritas Asia	Karen	11935as			
0000	0027		Philippines, R Veritas Asia	Sinhala	11855as	15460as		
0000	0030		Australia, ABC/R Australia	Indonesian	12005as	15350as		
0000	0030		Australia, HCJB Global Australia	Indonesian	15400as			
0000	0030		China, China R International	Sinhala	6100as	7260as		
0000	0030		Clandestine, Democratic VO of Burma	Burmese	11595as			
0000	0030		Cuba, R Havana Cuba	Creole	5040va			
0000	0030		Cuba, R Havana Cuba	Quechua	15370sa			
0000	0030		Ecuador, HCJB/LV de los Andes	Cofan	6050sa			
0000	0030		Egypt, R Cairo	English	6270na			
0000	0030		Indonesia, AWR Asia/Pacific	Burmese	11955as			
0000	0030		Indonesia, RRI Pontianak	Indonesian	3976do			
0000	0030		Indonesia, RRI Ternate	Indonesian	3345do			
0000	0030		Myanmar, Rakhin BC Sta	Chin	7110do			
0000	0030		Peru, Ondas del Huallaga	Spanish	3330do			
0000	0030		Peru, R San Antonio	Spanish	3375do	4940do		
0000	0030		Philippines, FEBC Philippines	Chinese	9405as			
0000	0030		Serbia, International R Serbia	Serbian	9685na			
0000	0030		Taiwan, R Taiwan Intl	Vietnamese	11655as			
0000	0030		UK, BBC World Service	Burmese	5875as	9810as		11750as
0000	0030		UK, FEBA Radio	Bangla (rural)	9390as			
0000	0030		USA, BBG/R Farda	Farsi	5940as			
0000	0030		USA, BBG/R Free Asia	Vietnamese	7445as	11605as		13730as 15570as
0000	0030		USA, BBG/Voice of America	Burmese	5955as	7430as		9320as
0000	0030		USA, BBG/Voice of America	English	7555as			
0000	0045		Chile, HCJB Global Voice	Portuguese	11920sa			
0000	0045		Egypt, R Cairo	Arabic	13855ca	15480ca		
0000	0045		India, All India R/Aligarh	English/Hindi	9470do			
0000	0045		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
0000	0045		India, All India R/External Svc	English	6055as	9705as		9950as 11670as
					13605as			
0000	0045	DRM	India, All India R/External Svc	English	9950eu			
0000	0045		India, All India R/External Svc	Tamil	7270as	9835as		11740as 11985as
					13795as			
0000	0045		Philippines, FEBC Philippines	Shan	15435as			
0000	0045		USA, WYFR/Family R Worldwide	English	11650as			
0000	0045		USA, WYFR/Family R Worldwide	Portuguese	11650sa			
0000	0050		Greece, Voice of Greece	Greek	15650sa			
0000	0056		Romania, R Romania Intl	English	9700na	11965na		
0000	0056		Romania, R Romania Intl	Romanian	9525na	11750na		
0000	0100		Anguilla, University Network	English	6090na			
0000	0100	mtwhf	Argentina, RAE	Portuguese	11710am			
0000	0100	Sat/Sun	Argentina, RAE	Spanish	6060am	15345eu		
0000	0100		Australia, ABC NT Alice Springs	English	4835do			
0000	0100		Australia, ABC NT Katherine	English	5025do			
0000	0100		Australia, ABC NT Tennant Creek	English	4910do			
0000	0100		Australia, ABC/R Australia	English	12080pa	15160pa		15240pa 15415pa
					17795pa	19000pa		21740pa
0000	0100		Australia, R Symban	Greek	2369do			
0000	0100		Bahrain, R Bahrain	Arabic	9745me			
0000	0100		Bahrain, R Bahrain	English	6010me			
0000	0100		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
0000	0100		Bolivia, R Eco	Spanish	4409do			
0000	0100		Bolivia, R Em Camargo	Spanish/Aymara	3390do			
0000	0100	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do			
0000	0100		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
0000	0100		Bolivia, R Logos	Spanish/Aymara	4865do			
0000	0100		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
0000	0100		Bolivia, R Panamericana	Spanish	5765do	6105do		
0000	0100		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0000	0100		Bolivia, R San Jose	Spanish	5580do			
0000	0100		Bolivia, R San Miguel	Spanish	4699do			
0000	0100		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
0000	0100		Bolivia, R Tacana	Spanish	4782do			
0000	0100		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
0000	0100		Bolivia, Yatun Ayllu Yura/R Yura	Spanish	4717do	4715al		
0000	0100		Brazil, Educadora/Braganca	Portuguese	4825do			
0000	0100		Brazil, Iguatemi	Portuguese	4975do			
0000	0100		Brazil, R Alvorada/Londrina	Portuguese	4865do			
0000	0100		Brazil, R Anhanguera	Portuguese	4905do			

0000	0100	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0000	0100	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0000	0100	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0000	0100	Brazil, R Brasil	Portuguese	4785do			
0000	0100	Brazil, R Brasil Central	Portuguese	4985do	11815do		
0000	0100	Brazil, R Caiari	Portuguese	4785do			
0000	0100	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0000	0100	Brazil, R Capital	Portuguese	6070do			
0000	0100	Brazil, R Capixaba	Portuguese	4935do			
0000	0100	Brazil, R Clube do Para	Portuguese	4885do			
0000	0100	Brazil, R Congonhas	Portuguese	4775do			
0000	0100	Brazil, R Cultura do Para	Portuguese	5045do			
0000	0100	Brazil, R Cultura Filadelfia	Portuguese	6105do			
0000	0100	Brazil, R Cultura/Araraquara	Portuguese	3365do			
0000	0100	Brazil, R Cultura/Manaus	Portuguese	4845do			
0000	0100	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
0000	0100	Brazil, R Difusora Acreana	Portuguese	4885do			
0000	0100	Brazil, R Difusora do Amazonas	Portuguese	4805do			
0000	0100	Brazil, R Difusora Roraima	Portuguese	4875do			
0000	0100	Brazil, R Difusora/Caceres	Portuguese	5055do			
0000	0100	Brazil, R Difusora/Londrina	Portuguese	4815do			
0000	0100	Brazil, R Difusora/Macapá	Portuguese	4915do			
0000	0100	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
0000	0100	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
0000	0100	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
0000	0100	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
0000	0100	Brazil, R Educadora/Limeira	Portuguese	2380do			
0000	0100	Brazil, R Guaiba	Portuguese	6000do	11785do		
0000	0100	Brazil, R Guaruja Paulista	Portuguese	5045do			
0000	0100	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
0000	0100	Brazil, R Imaculada Conceicao	Portuguese	4755do			
0000	0100	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0000	0100	Brazil, R Itatiaia	Portuguese	5970do			
0000	0100	Brazil, R Maria	Portuguese	4885do			
0000	0100	Brazil, R Marumby	Portuguese	6080do	9515do		
0000	0100	Brazil, R Mundial	Portuguese	3325do			
0000	0100	Brazil, R Municipal	Portuguese	3375do			
0000	0100	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0000	0100	Brazil, R Nove de Julho	Portuguese	9820do			
0000	0100	Brazil, R Novo Tempo	Portuguese	4895do			
0000	0100	Brazil, R Record	Portuguese	6150do	9505do		
0000	0100	Brazil, R Trans Mundial	Portuguese	5965do			
0000	0100	Brazil, R Verdes Florestas	Portuguese	4865do			
0000	0100	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0000	0100	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars	4925do			
0000	0100	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
0000	0100	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
0000	0100	Canada, CFRX Toronto ON	English	6070na			
0000	0100	Canada, CFVP Calgary AB	English	6030na			
0000	0100	Canada, CKZN St Johns NF	English	6160na			
0000	0100	Canada, CKZU Vancouver BC	English	6160na			
0000	0100	Chile, CVC La Voz	Spanish	9780sa	11665sa		
0000	0100	China, China Huayi BC	Amoy/Chinese	6185do			
0000	0100	China, China Natl R/CNR11	Tibetan	9480do	9530do	11685do	
0000	0100	China, China R International	Cantonese	11820as	17495as		
0000	0100	China, China R International	Chinese	5990as	7405as	11900as	11975as
				12035as	13580as	13655as	
0000	0100	China, China R International	English	6020eu	6075as	6180as	7350eu
				7415as	9570na	11790as	11885as
				13750as	15125as		
0000	0100	China, China R International	Hakka	9460as	9550as	9610as	15100as
0000	0100	China, China R International	Khmer	9765as	11990as		
0000	0100	China, China R International	Mongolian	9470as	11875as		
0000	0100	China, China R International	Portuguese	9560sa	9710sa		
0000	0100	China, China R International	Russian	5990as	7405as		
0000	0100	China, China R International	Spanish	5990ca	9590va	9800va	15120sa
0000	0100	China, China R International	Vietnamese	11770as	13770as		
0000	0100	China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do	
0000	0100	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
0000	0100	China, CNR/VO Minorities/CNR8	Mongolian	5955do	7445do		
0000	0100	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
0000	0100	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9665do	9685do	11620do	11935do
0000	0100	China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
0000	0100	China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
0000	0100	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	4940do	7280do		
0000	0100	China, Hulun Buir PBS	Chinese	3900do			
0000	0100	China, Nei Menggu PBS	Chinese	7420do	9520do		
0000	0100	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0000	0100	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		

0000	0100	China, Tibet PBS	Chinese	4820do 7450do	5935do	6050do	7240do
0000	0100	China, Tibet PBS	Tibetan	4905do 6130do	4920do 6200do	5240do 7255do	6110do 7385do
0000	0100	China, VO Guangxi/Beibu Bay R	Chinese	5050do	9820do		
0000	0100	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do
0000	0100	China, Xinjiang PBS	Kazakh	4330do	6015do		
0000	0100	China, Xinjiang PBS	Mongolian	4500do	6190do		
0000	0100	China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	
0000	0100	China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu	7210do			
0000	0100	Clandestine, Sound of Hope R Intl	Chinese	11970as 13850as 16980as	12980as 14700as 17895as	13270as 15070as	13350as 16100as
0000	0100	Colombia, La Voz de tu Conciencia	Spanish	6010do			
0000	0100	Colombia, La Voz del Guaviare	Spanish	6035do			
0000	0100	Colombia, R Alcaravan	Spanish	5910do			
0000	0100	Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca		
0000	0100	Cuba, R Havana Cuba	Spanish	6060na 11760am	6120ca 15230sa	9810ca 17705sa	11680sa
0000	0100	Cuba, R Rebelde	Spanish	5025na			
0000	0100	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0000	0100	Dominican Rep, R Amanecer Intl	Spanish	6025do			
0000	0100	Ecuador, La Voz del Napo	Spanish	3280do			
0000	0100	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
0000	0100	Ecuador, R Quito	Spanish/Quechua	4919do			
0000	0100	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
0000	0100	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
0000	0100	DRM France, R France International	French	3965eu			
0000	0100	Greece, Voice of Greece	Greek	7475na	9420va		
0000	0100	Guatemala, R Verdad	English/Spanish	4055do			
0000	0100	Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0000	0100	Honduras, HRMI/R Misiones Intl	Spanish	3340do			
0000	0100	Honduras, R Luz y Vida	English/Spanish	3250do			
0000	0100	India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do		
0000	0100	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4840do		
0000	0100	India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
0000	0100	India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
0000	0100	India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
0000	0100	Indonesia, AWR Asia/Pacific	Chinese	12025as	17880as		
0000	0100	Indonesia, RRI Fak Fak	Indonesian	4790do			
0000	0100	Indonesia, RRI Jakarta	Indonesian	9680do			
0000	0100	Indonesia, RRI Jambi	Indonesian	4925do			
0000	0100	Indonesia, RRI Kendari	Indonesian	3995do			
0000	0100	Indonesia, RRI Nabire	Indonesian	7290do			
0000	0100	Indonesia, RRI Palangkaraya	Indonesian	3325do			
0000	0100	Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
0000	0100	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0000	0100	Japan, R Japan NHK World	Japanese	11855as	11910as	13680as	15415as
0000	0100	smtwh Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0000	0100	smtwh Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0000	0100	Kyrgyzstan, Kyrgyz Radiosu/KGR1	Kyrgyz/Russian	4010do	4795do		
0000	0100	Laos, LNR Natl Svc/Vientane	Lao	6130do			
0000	0100	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
0000	0100	Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0000	0100	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0000	0100	Malaysia, RTM Kajang/Traxx FM	English	7295do			
0000	0100	Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0000	0100	Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
0000	0100	Mexico, R Educacion	Spanish/English	6185do			
0000	0100	Mexico, R Mil Onda Corta	Spanish	6010do			
0000	0100	Mexico, R Transcontinental de America	Spanish	4800do			
0000	0100	Mexico, R Universidad	Spanish	6045do			
0000	0100	Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0000	0100	Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do		
0000	0100	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0000	0100	Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do			
0000	0100	Myanmar, Myanma R/Padauk Myay/Music Pgm	Burmese/vernaculars			5985do	
0000	0100	Nepal, R Nepal	Nepali	5005do			
0000	0100	New Zealand, R New Zealand Intl	English	15720pa			
0000	0100	DRM New Zealand, R New Zealand Intl	English	17675pa			
0000	0100	Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0000	0100	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0000	0100	Peru, La Voz de la Selva	Spanish	4824do			
0000	0100	Peru, La Voz de las Huarinjas	Spanish	5059do			
0000	0100	Peru, R Altura	Spanish/Quechua	5014do			
0000	0100	Peru, R Ancash	Spanish	4990do	4992al		
0000	0100	Peru, R Andina	Spanish	4995do			
0000	0100	Peru, R Bethel	Spanish	5921do			
0000	0100	Peru, R Bolivar	Spanish	5460do			
0000	0100	Peru, R Cultural Amauta	Spanish	4955do			

0000	0100		Peru, R Cusco	Spanish	4780do				
0000	0100		Peru, R Frecuencia Popular	Spanish	5485do				
0000	0100		Peru, R Genesis	Spanish	4850do				
0000	0100		Peru, R Horizonte	Spanish	5020do				
0000	0100		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
0000	0100		Peru, R Madre de Dios	Spanish	4950do				
0000	0100		Peru, R Manantial	Spanish/Quechua	4987do				
0000	0100		Peru, R Maranon	Spanish	4835do				
0000	0100		Peru, R Melodia	Spanish	5939do				
0000	0100		Peru, R Municipal	Spanish	3173do				
0000	0100		Peru, R Ondas del Sur Oriente	Spanish	5120do				
0000	0100		Peru, R Quillabamba	Spanish/Quechua	5025do				
0000	0100		Peru, R Reina de la Selva	Spanish/Quechua	5487do				
0000	0100		Peru, R Sicuani	Spanish/Quechua	4826do				
0000	0100		Peru, R Tarma	Spanish	4775do				
0000	0100		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0000	0100		Peru, R Union	Spanish	6115do				
0000	0100		Peru, R Victoria	Spanish	6020do	9720do			
0000	0100		Peru, R Virgen del Carmen	Spanish	4887do	4895al			
0000	0100		Peru, R Vision	Spanish	4790do				
0000	0100		Philippines, FEBC Philippines	Burmese	15600as				
0000	0100		Philippines, FEBC Philippines	Chinese	12070as				
0000	0100		Russia, Voice of Russia	English	9665va	9800va			
0000	0100	s	Serbia, International R Serbia	Serbian	9685na				
0000	0100		Solomon Islands, SIBC	English/Pidgin	5020do				
0000	0100		South Africa, R Sonder Grense	Afrikaans	3320do				
0000	0100		Spain, R Exterior de Espana	English	6055na				
0000	0100		Spain, R Exterior de Espana	Spanish	9535ca	9620sa	15160sa		
0000	0100	DRM	Spain, R Exterior de Espana	Spanish	9630na	11815sa			
0000	0100		Taiwan, R Taiwan Intl	Chinese	9660as				
0000	0100		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0000	0100		Thailand, R Thailand World Svc	English	15275na				
0000	0100		Turkey, Voice of Turkey	Turkish	7260as				
0000	0100		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
0000	0100		UK, BBC World Service	English	5970as	6195as	7395as	9410as	
					9740as	12095as	15335as	15755as	
					17685as				
0000	0100		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0000	0100		USA, BBG/R Farda	Farsi	7575as				
0000	0100		USA, BBG/R Free Asia	Lao	15545as	15690as			
0000	0100		USA, BBG/R Marti	Spanish	6030ca	7365ca	11775ca		
0000	0100		USA, BBG/Voice of America	Chinese	9545as	11830as	11925as	15170as	
					15385as	17765as			
0000	0100		USA, BBG/Voice of America	Spanish	5890ca	12000sa			
0000	0100	twhfa	USA, BBG/Voice of America	Spanish	9885ca				
0000	0100		USA, BBG/Voice of America	Tibetan	7250as	9480as	9855as		
0000	0100		USA, FBN/WTJC Newport NC	English	9370na				
0000	0100	Sat/Sun	USA, WBCQ Monticello ME	English	5110am				
0000	0100		USA, WBCQ Monticello ME	English	7490am	9330am			
0000	0100		USA, WEWN/EWTN Irondale AL	English	11520af				
0000	0100		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870sa			
0000	0100		USA, WHRI Cypress Creek SC	English	5920va	7315ca	9860na		
0000	0100		USA, WINB Red Lion PA	English	9265am				
0000	0100		USA, WRMI Miami FL	English/Spanish	9955am				
0000	0100		USA, WTWW Lebanon TN	English	5755va				
0000	0100		USA, WTWW Lebanon TN	Portuguese	12105va				
0000	0100		USA, WWCR Nashville TN	English	4840eu	5935af	6875af	9980eu	
0000	0100		USA, WWRB Manchester TN	English	3185na	5050na			
0000	0100		USA, WYFR/Family R Worldwide	Bahasa Indonesian	11865as				
0000	0100		USA, WYFR/Family R Worldwide	English	17580as				
0000	0100		USA, WYFR/Family R Worldwide	French	15255af				
0000	0100		USA, WYFR/Family R Worldwide	Indonesian	11865as				
0000	0100		USA, WYFR/Family R Worldwide	Portuguese	11580va	15745va	17725va		
0000	0100		USA, WYFR/Family R Worldwide	Spanish	5985sa	11530sa	15355sa	15440sa	
0000	0100		USA, WYFR/Family R Worldwide	Vietnamese	11630as				
0000	0100		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
0000	0100		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0000	0100		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
0000	0100		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
0000	0100		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
0000	0100		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
0000	0100		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
0000	0100		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7285as				
0000	0100		Zambia, Christian Voice	English	4965af				
0000	0100		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0010	0015		Nepal, R Nepal	Sanskrit	5005do				
0015	0030	Sat/Sun	India, Athmeeya Yatra R	Assamese	9520as				
0015	0030	mt	India, Athmeeya Yatra R	Chakma	9520as				
0015	0030	f	India, Athmeeya Yatra R	Ho	9520as				

0015	0030	wh	India, Athmeeya Yatra R	Santhali	9520as			
0015	0045		Philippines, FEBC Philippines	Lahu	12055as			
0015	0100		India, All India R/Chennai	English/Hindi/Tamil	4920do			
0015	0100		India, All India R/External Svc	Urdu	6155as	7340as	9595as	11620as
0020	0100		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	4800do			
0020	0100		India, All India R/Itanagar	English/Hindi/Buddist minority	4990do			
0020	0100		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5020do			
0020	0230		Sri Lanka, SLBC	Hindi	7190as	11905as		
0025	0040	mh	Vatican City State, Vatican R	Urdu	9580as	11730as		
0025	0100		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
0025	0100		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
0025	0100		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit	4810do			
0025	0100		India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu	4860do			
0025	0100		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			4940do	
0025	0100		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do			
0025	0100		India, All India R/Jeyppore	English/Hindi/Odia/Sanskrit	5040do			
0025	0100		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0025	0100		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		4965do		
0030	0040		India, All India R/Delhi	Hindi	7370do			
0030	0045	mt	India, Athmeeya Yatra R	Bagri	9520as			
0030	0045	f	India, Athmeeya Yatra R	Bundelkhandi	9520as			
0030	0045	Sat/Sun	India, Athmeeya Yatra R	Garhwali	9520as			
0030	0045	w	India, Athmeeya Yatra R	Khariya	9520as			
0030	0045	h	India, Athmeeya Yatra R	Vasavi	9520as			
0030	0045	mtwhf	India, TWR India	Bengali	12025as			
0030	0045	m	USA, FBN/WTJC Newport NC	Spanish	9370na			
0030	0045	m	USA, WHRI Cypress Creek SC	Spanish	7315ca			
0030	0057		Philippines, R Veritas Asia	Bengali	15265as			
0030	0057		Philippines, R Veritas Asia	Hindi	15280as			
0030	0057		Philippines, R Veritas Asia	Tamil	11935as			
0030	0100		Australia, ABC/R Australia	English	17750as			
0030	0100		Australia, HCJB Global Australia	Rawang	15400as			
0030	0100		Cuba, R Havana Cuba	French	5040va			
0030	0100	mtwhf	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
0030	0100	Sat/Sun	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
0030	0100		Egypt, R Cairo	Arabic	6270na			
0030	0100		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	4775do			
0030	0100	Sun	India, TWR India	Hindi	12025as			
0030	0100		Indonesia, AWR Asia/Pacific	Karen	11955as			
0030	0100		Iran, VO Islamic Rep of Iran	Spanish	9860sa	11760sa		
0030	0100		Myanmar, Defence Forces BC Unit	Burmese/minority languages	5770do			
0030	0100		Myanmar, Myanma R/Yangon	Burmese/vernaculars	7200do	7185al		
0030	0100		Myanmar, Rakhin BC Sta	Kachin	7110do			
0030	0100		Philippines, FEBC Philippines	Chinese	15455as			
0030	0100	m	Serbia, International R Serbia	Serbian	9685na			
0030	0100		UK, BBC World Service	Bengali	9810as	11750as	15310as	
0030	0100		UK, BBC World Service	Dari	5875as	7445as		
0030	0100		UK, FEBA Radio	Hindi	9390as			
0030	0100		USA, BBG/R Farda	Farsi	5860as	5940as	7295as	
0030	0100		USA, BBG/R Free Asia	Burmese	12115as	15700as	17835as	
0030	0100		USA, BBG/VOA/R Ashna	Pashto	7555as			
0030	0100		USA, BBG/VOA/R Ashna	Pashto	9335as			
0030	0100		USA, BBG/Voice of America	English	7430as	9715as	9780as	11725as
					12005as	15205as	15290as	17820as
0030	0100	mtwhf	USA, WRMI/R Slovakia Intl relay	English	9955am			
0030	0100		Vatican City State, Vatican R	Portuguese	7305am	15470am		
0035	0045		India, All India R/Aizawl	English	5050do			
0035	0045		India, All India R/Chennai	English	4920do			
0035	0045		India, All India R/Guwahati	English	4940do			
0035	0045		India, All India R/Hyderabad	English	4800do			
0035	0045		India, All India R/Imphal	English	4775do			
0035	0045		India, All India R/Port Blair	English	4760do			
0035	0045		India, All India R/Shillong	English	4970do			
0035	0045		India, All India R/Shimla	English	4965do			
0035	0045		India, All India R/Thiruvananthapuram	English	5010do			
0040	0100		Vatican City State, Vatican R	Hindi	9580as	11730as		
0045	0100		Egypt, R Cairo	Spanish	9315am	13620am	13855am	
0045	0100		India, All India R/External Svc	Sinhala	7270as	11740as	11985as	
0045	0100	hf	India, Athmeeya Yatra R	Dogri	9520as			
0045	0100	Sat/Sun	India, Athmeeya Yatra R	Kangri	9520as			
0045	0100	w	India, Athmeeya Yatra R	Magahi	9520as			
0045	0100	mt	India, Athmeeya Yatra R	Rajasthani	9520as			
0045	0100	mtwhf	India, TWR India	Bhojpuri	12025as			
0045	0100	Sat	India, TWR India	Nepali	12025as			
0045	0100		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0045	0100		Pakistan, PBC/R Pakistan	Urdu	15490as	17710as		
0045	0100		Philippines, FEBC Philippines	Tai	15435as			
0045	0100		Philippines, FEBC Philippines	Wa	12055as			
0055	0100		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do		

0100 UTC - 9PM EDT / 8PM CDT / 6PM PDT

0100	0115		Australia, HCJB Global Australia	Nepali	15400as			
0100	0115	Sat	Canada, Bible Voice Broadcasting	English	9490as			
0100	0115	Sun	Canada, Bible Voice Broadcasting	Tibetan	9490as			
0100	0115		India, All India R/External Svc	Sinhala	7270as	11740as	11985as	
0100	0115	Sat/Sun	India, Athmeeya Yatra R	Kinnauri	9520as			
0100	0115	mt	India, Athmeeya Yatra R	Marwari	9520as			
0100	0115	hf	India, Athmeeya Yatra R	Punjabi	9520as			
0100	0115	w	India, Athmeeya Yatra R	Sindhi	9520as			
0100	0115	mtwhf	India, TWR India	Bhojpuri	12025as			
0100	0115	Sun	India, TWR India	Hindi	12025as			
0100	0115	Sat	India, TWR India	Nepali	12025as			
0100	0115		Philippines, FEBC Philippines	Chin	15435as			
0100	0115		Philippines, FEBC Philippines	Jingpho	15600as			
0100	0115		Philippines, FEBC Philippines	Wa	12055as			
0100	0120		Vatican City State, Vatican R	Tamil	9580as	11730as		
0100	0127		Philippines, R Veritas Asia	Telugu	15530as			
0100	0127		Philippines, R Veritas Asia	Urdu	15280as	17860as		
0100	0130		Australia, ABC/R Australia	Burmese	11780as			
0100	0130		Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
0100	0130	mtwhf	Ecuador, HCJB/LV de los Andes	Woorani	6050eu			
0100	0130		Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
0100	0130		Myanmar, Rakhin BC Sta	Kachin	7110do			
0100	0130		Peru, R Bolivar	Spanish	5460do			
0100	0130		Philippines, FEBC Philippines	Javanese	15560as			
0100	0130	twhfa	Serbia, International R Serbia	Serbian	9685na			
0100	0130		UK, BBC World Service	Hindi	9440as	9915as	11995as	15510as
0100	0130		UK, BBC World Service	Pashto	5875as	6195as	7445as	
0100	0130		USA, BBG/R Free Asia	Burmese	12115as	15700as	17835as	
0100	0130		USA, BBG/R Free Asia	Uyghur	9350as	9400as	11895as	11945as
					17640as			
0100	0130		USA, BBG/VOA/R Ashna	Pashto	7555as	9335as		
0100	0130		Vietnam, VO Vietnam/Overseas Svc	English	6175na			
0100	0145		USA, WYFR/Family R Worldwide	Portuguese	11530sa			
0100	0145		USA, WYFR/Family R Worldwide	Spanish	11855ca	17725sa		
0100	0155		Turkey, Voice of Turkey	Spanish	9770va	9870va		
0100	0155		Turkey, Voice of Turkey	Turkish	7260as			
0100	0156		Romania, R Romania Intl	French	9700na	11965na		
0100	0156		Romania, R Romania Intl	Romanian	9525na	11750na		
0100	0157		China, Tibet PBS	Chinese	7240do	7450do		
0100	0200		Anguilla, University Network	English	6090na			
0100	0200	twhfa	Argentina, RAE	Japanese	11710as			
0100	0200	Sat/Sun	Argentina, RAE	Spanish	6060am	15345eu		
0100	0200		Australia, ABC NT Alice Springs	English	4835do			
0100	0200		Australia, ABC NT Katherine	English	5025do			
0100	0200		Australia, ABC NT Tennant Creek	English	4910do			
0100	0200		Australia, ABC/R Australia	English	12080pa	15160pa	15240pa	15415pa
					17750as	17795pa	19000pa	
0100	0200		Australia, R Symban	Greek	2369do			
0100	0200		Bahrain, R Bahrain	Arabic	9745me			
0100	0200		Bahrain, R Bahrain	English	6010me			
0100	0200		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
0100	0200		Bolivia, R Eco	Spanish	4409do			
0100	0200		Bolivia, R Em Camargo	Spanish/Aymara	3390do			
0100	0200	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do			
0100	0200		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
0100	0200		Bolivia, R Panamericana	Spanish	5765do	6105do		
0100	0200		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0100	0200		Bolivia, R San Jose	Spanish	5580do			
0100	0200		Bolivia, R San Miguel	Spanish	4699do			
0100	0200		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
0100	0200		Bolivia, R Tacana	Spanish	4782do			
0100	0200		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
0100	0200		Bolivia, Yatun Ayllu Yura/R Yura	Spanish	4717do	4715al		
0100	0200		Brazil, Educadora/Braganca	Portuguese	4825do			
0100	0200		Brazil, Iguatemi	Portuguese	4975do			
0100	0200		Brazil, R Alvorada/Londrina	Portuguese	4865do			
0100	0200		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0100	0200		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0100	0200		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0100	0200		Brazil, R Brasil	Portuguese	4785do			
0100	0200		Brazil, R Brasil Central	Portuguese	4985do	11815do		
0100	0200		Brazil, R Caiari	Portuguese	4785do			
0100	0200		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0100	0200		Brazil, R Capital	Portuguese	6070do			
0100	0200		Brazil, R Capixaba	Portuguese	4935do			
0100	0200		Brazil, R Clube do Para	Portuguese	4885do			
0100	0200		Brazil, R Congonhas	Portuguese	4775do			

0100	0200	Brazil, R Cultura do Para	Portuguese	5045do				
0100	0200	Brazil, R Cultura Filadelfia	Portuguese	6105do				
0100	0200	Brazil, R Cultura/Araraquara	Portuguese	3365do				
0100	0200	Brazil, R Cultura/Manaus	Portuguese	4845do				
0100	0200	Brazil, R Daqui	Portuguese	4915do	6080do		11830do	
0100	0200	Brazil, R Difusora Acreana	Portuguese	4885do				
0100	0200	Brazil, R Difusora Roraima	Portuguese	4875do				
0100	0200	Brazil, R Difusora/Caceres	Portuguese	5055do				
0100	0200	Brazil, R Difusora/Londrina	Portuguese	4815do				
0100	0200	Brazil, R Difusora/Macapá	Portuguese	4915do				
0100	0200	Brazil, R Educadora Rural/Tefe	Portuguese	4925do				
0100	0200	Brazil, R Educadora/Limeira	Portuguese	2380do				
0100	0200	Brazil, R Guaíba	Portuguese	6000do	11785do			
0100	0200	Brazil, R Guarujá Paulista	Portuguese	5045do				
0100	0200	Brazil, R Guarujá/Florianópolis	Portuguese	5980do				
0100	0200	Brazil, R Imaculada Conceicao	Portuguese	4755do				
0100	0200	Brazil, R Inconfidencia	Portuguese	6010do	15190do			
0100	0200	Brazil, R Maria	Portuguese	4885do				
0100	0200	Brazil, R Marumby	Portuguese	6080do	9515do			
0100	0200	Brazil, R Mundial	Portuguese	3325do				
0100	0200	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
0100	0200	Brazil, R Nove de Julho	Portuguese	9820do				
0100	0200	Brazil, R Novo Tempo	Portuguese	4895do				
0100	0200	Brazil, R Record	Portuguese	6150do	9505do			
0100	0200	Brazil, R Trans Mundial	Portuguese	5965do				
0100	0200	Brazil, R Verdes Florestas	Portuguese	4865do				
0100	0200	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0100	0200	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
0100	0200	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do		11765do	
0100	0200	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
0100	0200	Canada, CFRX Toronto ON	English	6070na				
0100	0200	Canada, CFVP Calgary AB	English	6030na				
0100	0200	Canada, CKZN St Johns NF	English	6160na				
0100	0200	Canada, CKZU Vancouver BC	English	6160na				
0100	0200	China, China Huayi BC	Amoy/Chinese	6185do				
0100	0200	China, China Natl R/CNR11	Tibetan	9530do	11685do		15570do	
0100	0200	China, China Natl R/CNR13	Uyghur	9890do	15300do			
0100	0200	China, China R International	Amoy	9460as	9550as	9610as		11945as
				11980as	15425eu	17495as		
0100	0200	China, China R International	Chinese	9560as	11650as	13580as		13665as
				15140as	15160as			
0100	0200	China, China R International	English	6020eu	6175eu	9410eu		9470eu
				9535as	9570na	9580na		9675eu
				9790na	11870as	15125as		15785as
0100	0200	China, China R International	Russian	5905as	13600va			
0100	0200	China, China R International	Spanish	9595sa	9710sa			
0100	0200	China, China R International	Urdu	7240as	9695as			
0100	0200	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do		
0100	0200	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do		
0100	0200	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do			
0100	0200	China, CNR/VO Minorities/CNR8	Kazakh	9455do	11630do	11810do		15670do
0100	0200	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do			
0100	0200	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do		
0100	0200	China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
0100	0200	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	4940do	7280do			
0100	0200	China, Hulun Buir PBS	Chinese	3900do				
0100	0200	China, Nei Menggu PBS	Chinese	7420do	9520do			
0100	0200	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0100	0200	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
0100	0200	China, Tibet PBS	Chinese	4820do	5935do	6050do		
0100	0200	China, Tibet PBS	Tibetan	4905do	4920do	5240do		6110do
				6130do	6200do	7255do		7385do
0100	0200	China, Xinjiang PBS	Chinese	3950do	5060do	5960do		7310do
0100	0200	China, Xinjiang PBS	Kazakh	4330do	6015do			
0100	0200	China, Xinjiang PBS	Mongolian	4500do	6190do			
0100	0200	China, Xinjiang PBS	Uyghur	3990do	4980do	6120do		
0100	0200	China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do			
0100	0200	Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as		13350as
				13850as	14700as	15070as		16100as
				16980as	17895as			
0100	0200	Colombia, La Voz de tu Conciencia	Spanish	6010do				
0100	0200	Colombia, La Voz del Guaviare	Spanish	6035do				
0100	0200	Colombia, R Alcaravan	Spanish	5910do				
0100	0200	Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca			
0100	0200	Cuba, R Havana Cuba	English	6000na	6050na			
0100	0200	Cuba, R Havana Cuba	Spanish	5040va	6060na	9810ca		11680sa
				11760am	15230sa	17705sa		
0100	0200	Cuba, R Rebelde	Spanish	5025na				
0100	0200	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
0100	0200	Dominican Rep, R Amanecer Intl	Spanish	6025do				

0100	0200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
0100	0200		Ecuador, La Voz del Napo	Spanish	3280do			
0100	0200		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
0100	0200		Ecuador, R Quito	Spanish/Quechua	4919do			
0100	0200		Egypt, R Cairo	Arabic	6270na			
0100	0200		Egypt, R Cairo	Spanish	9315am	13620am	13855am	
0100	0200	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
0100	0200	DRM	France, R France International	French	3965eu			
0100	0200		Greece, Voice of Greece	Greek	7475na	9420va	15650va	
0100	0200		Guatemala, R Verdad	English/Spanish	4055do			
0100	0200		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0100	0200		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
0100	0200		Honduras, R Luz y Vida	English/Spanish	3250do			
0100	0200		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
0100	0200		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
0100	0200		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
0100	0200		India, All India R/Chennai	English/Hindi/Tamil	4920do			
0100	0200		India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do		
0100	0200		India, All India R/External Svc	Sindhi	5990as	7370as	9635as	
0100	0200		India, All India R/External Svc	Urdu	6155as	7340as	9595as	11620as
0100	0200		India, All India R/Gangtok	Nepali	4835do			
0100	0200		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			4940do	
0100	0200		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	4800do			
0100	0200		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	4775do			
0100	0200		India, All India R/Itanagar	English/Hindi/Buddist minority	4990do			
0100	0200		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do			
0100	0200		India, All India R/Jeyapore	English/Hindi/Odia/Sanskrit		5040do		
0100	0200		India, All India R/Kolkata	Bengali/English/Hindi/Santhani	4820do			
0100	0200		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	4895do			
0100	0200		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0100	0200		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4810do		
0100	0200		India, All India R/Port Blair	English/Hindi/vernaculars	4760do			
0100	0200		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya	4970do			
0100	0200		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	4965do			
0100	0200		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5010do		5020do	
0100	0200		Indonesia, AWR Asia/Pacific	Chinese	12025as	17880as		
0100	0200	Sat	Indonesia, AWR Asia/Pacific	Vietnamese	15445as			
0100	0200		Indonesia, RRI Jakarta	Indonesian	9680do			
0100	0200		Indonesia, RRI Jambi	Indonesian	4925do			
0100	0200		Indonesia, RRI Nabire	Indonesian	7290do			
0100	0200		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
0100	0200		Iran, VO Islamic Rep of Iran	Spanish	9860sa	11760sa		
0100	0200		Iran, VO Islamic Rep of Iran	Swahili	7285af	9615af		
0100	0200		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0100	0200		Japan, R Japan NHK World	Japanese	15195as	15415as	17560va	
0100	0200	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0100	0200	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0100	0200		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0100	0200		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0100	0200		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0100	0200		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0100	0200		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0100	0200		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0100	0200		Mexico, R Educacion	Spanish/English	6185do			
0100	0200		Mexico, R Mil Onda Corta	Spanish	6010do			
0100	0200		Mexico, R Transcontinental de America	Spanish	4800do			
0100	0200		Mexico, R Universidad	Spanish	6045do			
0100	0200		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0100	0200		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do		
0100	0200		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0100	0200		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do		
0100	0200		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do			
0100	0200		Myanmar, Myanma R/Yangon	Burmese/vernaculars	7200do	7185al		
0100	0200		Nepal, R Nepal	Nepali	5005do			
0100	0200		New Zealand, R New Zealand Intl	English	15720pa			
0100	0200	DRM	New Zealand, R New Zealand Intl	English	17675pa			
0100	0200		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0100	0200		Pakistan, PBC/R Pakistan	Urdu	15490as	17710as		
0100	0200		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0100	0200		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0100	0200		Peru, La Voz de las Huarinjas	Spanish	5059do			
0100	0200		Peru, R Altura	Spanish/Quechua	5014do			
0100	0200		Peru, R Ancash	Spanish	4990do	4992al		
0100	0200		Peru, R Andina	Spanish	4995do			
0100	0200		Peru, R Cusco	Spanish	4780do			
0100	0200		Peru, R Frecuencia Popular	Spanish	5485do			
0100	0200		Peru, R Genesis	Spanish	4850do			
0100	0200		Peru, R Horizonte	Spanish	5020do			
0100	0200		Peru, R Madre de Dios	Spanish	4950do			
0100	0200		Peru, R Manantial	Spanish/Quechua	4987do			

0100	0200		Peru, R Maranon	Spanish	4835do				
0100	0200		Peru, R Melodia	Spanish	5939do				
0100	0200		Peru, R Municipal	Spanish	3173do				
0100	0200		Peru, R Ondas del Sur Oriente	Spanish	5120do				
0100	0200		Peru, R Quillabamba	Spanish/Quechua	5025do				
0100	0200		Peru, R Reina de la Selva	Spanish/Quechua	5487do				
0100	0200		Peru, R Sicuani	Spanish/Quechua	4826do				
0100	0200		Peru, R Tarma	Spanish	4775do				
0100	0200		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0100	0200		Peru, R Union	Spanish	6115do				
0100	0200		Peru, R Victoria	Spanish	6020do	9720do			
0100	0200		Peru, R Virgen del Carmen	Spanish	4887do	4895al			
0100	0200		Peru, R Vision	Spanish	4790do				
0100	0200		Philippines, FEBC Philippines	Chinese	15455as				
0100	0200		Russia, Voice of Russia	English	9665va	9800va			
0100	0200		Solomon Islands, SIBC	English/Pidgin	5020do				
0100	0200		South Africa, R Sonder Grense	Afrikaans	3320do				
0100	0200		South Korea, KBS World R	Japanese	9580as				
0100	0200		South Korea, KBS World R	Spanish	11810sa				
0100	0200		South Korea, KBS World R	Vietnamese	9690as				
0100	0200		Spain, R Exterior de Espana	Spanish	5995sa	6055na	9535ca	9620sa	
					15160sa				
0100	0200	DRM	Spain, R Exterior de Espana	Spanish	9630na				
0100	0200	Sat	Taiwan, AWR Asia	Vietnamese	15445as				
0100	0200		Taiwan, R Taiwan Intl	Chinese	9660as				
0100	0200		Taiwan, R Taiwan Intl	English	11875as				
0100	0200		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0100	0200		Thailand, R Thailand World Svc	Thai	15275na				
0100	0200		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
0100	0200		UK, BBC World Service	English	7395as	9410as	9740as	11750as	
					12095as	15310as	15335as	15755as	
					17685as				
0100	0200		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0100	0200		USA, BBG/R Farda	Farsi	5860as				
0100	0200		USA, BBG/R Free Asia	Tibetan	9680as	11695as	17505as	7575as	
0100	0200		USA, BBG/R Free Europe/R Liberty	Kazakh	7215as	9750as			
0100	0200		USA, BBG/R Free Europe/R Liberty	Tajik	9760as	13680as			
0100	0200		USA, BBG/R Marti	Spanish	6030ca	7365ca	11775ca		
0100	0200		USA, BBG/VOA Deewa R	Pashto	9370as	9380as	11895as		
0100	0200		USA, BBG/VOA/Aap Ki Duniya	Urdu	7460as	11975as			
0100	0200		USA, BBG/Voice of America	English	7430as	9780as	11705as		
0100	0200		USA, FBN/WTJC Newport NC	English	9370na				
0100	0200		USA, KJES Vado NM	English	7555na				
0100	0200	Sat/Sun	USA, WBCQ Monticello ME	English	5110am				
0100	0200		USA, WBCQ Monticello ME	English	7490am	9330am			
0100	0200		USA, WEWN/EWTN Irondale AL	English	11520af				
0100	0200		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870sa			
0100	0200	m	USA, WHRI Cypress Creek SC	English	9605na				
0100	0200		USA, WHRI Cypress Creek SC	English	9840na	9860na			
0100	0200		USA, WINB Red Lion PA	English	9265am				
0100	0200		USA, WRMI Miami FL	English/Spanish	9955am				
0100	0200		USA, WTWW Lebanon TN	English	5755va				
0100	0200		USA, WTWW Lebanon TN	Portuguese	12105va				
0100	0200		USA, WWCN Nashville TN	English	3215eu	4840na	5890af	5935af	
0100	0200		USA, WWRB Manchester TN	English	3185na	5050na			
0100	0200		USA, WYFR/Family R Worldwide	Portuguese	11530sa	11550sa			
0100	0200		USA, WYFR/Family R Worldwide	Spanish	5985sa	7570ca	11580sa	11855ca	
					15255sa	15440sa	17725sa		
0100	0200		Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as			
0100	0200		Vatican City State, Vatican R	Spanish	7305am	15470sa			
0100	0200		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0100	0200		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
0100	0200		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
0100	0200		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
0100	0200		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
0100	0200		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
0100	0200		Zambia, Christian Voice	English	4965af				
0100	0200		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0115	0130	h	Australia, HCJB Global Australia	Bhojpuri	15340as				
0115	0130	m	Australia, HCJB Global Australia	Gujarati	15400as				
0115	0130	Sun	Australia, HCJB Global Australia	Malayalam	15400as				
0115	0130	w	Australia, HCJB Global Australia	Marathi	15400as				
0115	0130	f	Australia, HCJB Global Australia	Punjabi	15400as				
0115	0130	Sat	Australia, HCJB Global Australia	Tamil	15400as				
0115	0130	t	Australia, HCJB Global Australia	Telugu	15400as				
0115	0130	m	India, Athmeeya Yatra R	Bhili	9520as				
0115	0130	Sat/Sun	India, Athmeeya Yatra R	Hindi	9520as				
0115	0130	f	India, Athmeeya Yatra R	Khota	9520as				
0115	0130	w	India, Athmeeya Yatra R	Kotwali	9520as				

0115	0130	t	India, Athmeeya Yatra R	Kukna	9520as			
0115	0130	h	India, Athmeeya Yatra R	Vadari	9520as			
0115	0130	mtws	India, TWR India	Dzonka	12025as			
0115	0130		Philippines, FEBC Philippines	Maru	15600as			
0115	0130		Philippines, FEBC Philippines	Meitei	15435as			
0115	0145	t	Spain, R Exterior de Espana	Sefardi	11795sa			
0115	0200		India, All India R/Chennai	Tamil	7270do			
0120	0140		Vatican City State, Vatican R	Malayalam	9580as	11730as		
0120	0200	mtwhfa	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0125	0130		India, All India R/Port Blair	Sanskrit	4760do			
0125	0200		India, All India R/Delhi	Hindi	11830do	15135do		
0125	0200		India, All India R/Delhi	Sanskrit	11830do			
0130	0145		Philippines, FEBC Philippines	Atsi	15600as			
0130	0157		Philippines, R Veritas Asia	Chin	15255as			
0130	0200	twhf	Albania, R Tirana	English	7425na			
0130	0200		Australia, HCJB Global Australia	Telugu	15400as			
0130	0200		China, China R International	Nepali	11860as	13780as		
0130	0200	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0130	0200	DRM	India, All India R/External Svc	Nepali	11715as			
0130	0200		India, All India R/External Svc	Nepali	3945as	7420as	9810as	
0130	0200		India, All India R/Gorakhpur	Nepali	3945do	4860do	6045do	
0130	0200		Iran, VO Islamic Rep of Iran	Kazakh	9790as	11800as		
0130	0200		Iran, VO Islamic Rep of Iran	Urdu	7325as	9730as	11930as	
0130	0200		Japan, R Japan NHK World	Hindi	11740as			
0130	0200		Myanmar, Myanma R/Padauk Myay/Music Pgm	Burmese/vernaculars			9590do	
0130	0200		Myanmar, Rakhin BC Sta	La	9590do			
0130	0200		Myanmar, Thazin BC Sta	English	6030do			
0130	0200		Philippines, FEBC Philippines	Chin	15435as			
0130	0200		Philippines, R Veritas Asia	Vietnamese	15530as			
0130	0200		UK, BBC World Service	Bengali	9835as	11995as		
0130	0200		UK, BBC World Service	Dari	5875as	6195as	7445as	
0130	0200		UK, BBC World Service	Urdu	6065as	9440as	9915as	15510as
0130	0200		USA, BBG/R Free Asia	Uyghur	9350as	9400as	11895as	11945as
					17635as			
0130	0200		USA, BBG/VOA/R Ashna	Dari	9335as	11565as		
0130	0200		USA, BBG/Voice of America	Burmese	11820as	15115as	17770as	
0130	0200	mtwhfa	USA, BBG/Voice of America	English	7465ca	9820sa		
0130	0200		USA, BBG/Voice of America	Farsi	5970me	6095me	7345me	
0130	0200		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na			
0135	0200		India, All India R/Delhi	Telegu	11830do			
0140	0200		Vatican City State, Vatican R	English	9580as	11730as		
0145	0200		India, All India R/Delhi	Tamil	11830do			
0155	0200		India, All India R/Delhi	Malayalam	11830do			
0158	0200		China, Tibet PBS	Chinese	11950do			

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0200	0210	t	China, Hulun Buir PBS	Chinese	3900do			
0200	0215		Croatia, Voice of Croatia	English	9925va			
0200	0215		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
0200	0215		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do		
0200	0215		India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do		
0200	0215		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5020do		
0200	0215		Pakistan, PBC/R Pakistan	Urdu	15490as	17710as		
0200	0215	mtwhfa	UK, FEBA Radio	Urdu	9750as			
0200	0220		Vatican City State, Vatican R	Hindi	15460as			
0200	0227		India, All India R/Gorakhpur	Nepali	3945do	4860do	6045do	
0200	0227		Iran, VO Islamic Rep of Iran	Kazakh	9790as	11800as		
0200	0227		Iran, VO Islamic Rep of Iran	Spanish	9860sa	11760sa		
0200	0227		Iran, VO Islamic Rep of Iran	Swahili	7285af	9615af		
0200	0227		Iran, VO Islamic Rep of Iran	Urdu	7325as	9730as	11930as	
0200	0230		Australia, HCJB Global Australia	Hindi	15400as			
0200	0230		Austria, AWR Europe	Urdu	9690as			
0200	0230		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0200	0230		China, China R International	Nepali	11860as	13780as		
0200	0230		China, China R International	Pashto	9765as	11870as	15435as	
0200	0230	DRM	India, All India R/External Svc	Nepali	11715as			
0200	0230		India, All India R/External Svc	Nepali	3945as	7420as	9810as	
0200	0230		Indonesia, AWR Asia/Pacific	Urdu	9690as			
0200	0230		Myanmar, Rakhin BC Sta	La	9590do			
0200	0230		Philippines, R Veritas Asia	Vietnamese	15530as			
0200	0230		South Korea, KBS World R	Spanish	9560na			
0200	0230		Taiwan, R Taiwan Intl	Cantonese	15440na			
0200	0230		Thailand, R Thailand World Svc	English	15275na			
0200	0230		UK, BBC World Service	Burmese	5950as	7380as	11995as	
0200	0230		UK, BBC World Service	Pashto	7445as	9440as	9895as	
0200	0230	Sun	UK, FEBA Radio	Urdu	9750as			
0200	0230		USA, BBG/R Farda	Farsi	5940as	7295as		
0200	0230		USA, BBG/VOA/R Ashna	Dari	9335as	11565as		

0200	0230		USA, BBG/Voice of America	Farsi	5970me	6095me	7345me	
0200	0230		USA, KJES Vado NM	English	7555na			
0200	0230	Sat	USA, WBCQ Monticello ME	English	5110am			
0200	0230		USA, WRMI/R Prague relay	Spanish	9955ca			
0200	0230		Vatican City State, Vatican R	Spanish	7305am	15470sa		
0200	0230		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na			
0200	0240		Vatican City State, Vatican R	Tamil	15460as			
0200	0245		India, All India R/Chennai	English/Hindi/Tamil	4920do			
0200	0255		Turkey, Voice of Turkey	Uyghur	9465as			
0200	0256		Romania, R Romania Intl	Spanish	9520ca	9645sa	11795sa	11945sa
0200	0300		Anguilla, University Network	English	6090na			
0200	0300	twhfa	Argentina, RAE	English	11710am			
0200	0300	Sat/Sun	Argentina, RAE	Spanish	6060am	15345eu		
0200	0300		Australia, ABC NT Alice Springs	English	4835do			
0200	0300		Australia, ABC NT Katherine	English	5025do			
0200	0300		Australia, ABC NT Tennant Creek	English	4910do			
0200	0300		Australia, ABC/R Australia	English	12080pa	15160pa	15240pa	15415pa
					17750as	17795pa	19000pa	
0200	0300		Australia, R Symban	Greek	2369do			
0200	0300		Bahrain, R Bahrain	Arabic	9745me			
0200	0300		Bahrain, R Bahrain	English	6010me			
0200	0300		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
0200	0300		Bolivia, R Eco	Spanish	4409do			
0200	0300		Bolivia, R Em Camargo	Spanish/Aymara	3390do			
0200	0300	fa	Bolivia, R Fides	Spanish/Aymara	6155do			
0200	0300		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
0200	0300		Bolivia, R Panamericana	Spanish	5765do	6105do		
0200	0300		Bolivia, R San Miguel	Spanish	4699do			
0200	0300		Bolivia, R Tacana	Spanish	4782do			
0200	0300		Brazil, Educadora/Braganca	Portuguese	4825do			
0200	0300		Brazil, Iguatemi	Portuguese	4975do			
0200	0300		Brazil, R Alvorada/Londrina	Portuguese	4865do			
0200	0300		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0200	0300		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0200	0300		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0200	0300		Brazil, R Brasil	Portuguese	4785do			
0200	0300		Brazil, R Brasil Central	Portuguese	4985do	11815do		
0200	0300		Brazil, R Caiari	Portuguese	4785do			
0200	0300		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0200	0300		Brazil, R Capital	Portuguese	6070do			
0200	0300		Brazil, R Capixaba	Portuguese	4935do			
0200	0300		Brazil, R Clube do Para	Portuguese	4885do			
0200	0300		Brazil, R Congonhas	Portuguese	4775do			
0200	0300		Brazil, R Cultura do Para	Portuguese	5045do			
0200	0300		Brazil, R Cultura Filadelfia	Portuguese	6105do			
0200	0300		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
0200	0300		Brazil, R Difusora Acreana	Portuguese	4885do			
0200	0300		Brazil, R Difusora Roraima	Portuguese	4875do			
0200	0300		Brazil, R Difusora/Caceres	Portuguese	5055do			
0200	0300		Brazil, R Difusora/Londrina	Portuguese	4815do			
0200	0300		Brazil, R Difusora/Macapa	Portuguese	4915do			
0200	0300		Brazil, R Educadora/Limeira	Portuguese	2380do			
0200	0300		Brazil, R Gaucha	Portuguese	6020do	11915do		
0200	0300		Brazil, R Gazeta	Portuguese	5955do	9685do		
0200	0300		Brazil, R Guaiba	Portuguese	6000do	11785do		
0200	0300		Brazil, R Guaruja Paulista	Portuguese	5045do			
0200	0300		Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
0200	0300		Brazil, R Imaculada Conceicao	Portuguese	4755do			
0200	0300		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0200	0300		Brazil, R Maria	Portuguese	4885do			
0200	0300		Brazil, R Marumby	Portuguese	6080do	9515do		
0200	0300		Brazil, R Mundial	Portuguese	3325do			
0200	0300		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0200	0300		Brazil, R Nove de Julho	Portuguese	9820do			
0200	0300		Brazil, R Novo Tempo	Portuguese	4895do			
0200	0300		Brazil, R Record	Portuguese	6150do	9505do		
0200	0300		Brazil, R Trans Mundial	Portuguese	5965do			
0200	0300		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0200	0300		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
0200	0300		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
0200	0300		Canada, CFRX Toronto ON	English	6070na			
0200	0300		Canada, CFVP Calgary AB	English	6030na			
0200	0300		Canada, CKZN St Johns NF	English	6160na			
0200	0300		Canada, CKZU Vancouver BC	English	6160na			
0200	0300		China, China Huayi BC	Amoy/Chinese	6185do			
0200	0300		China, China Natl R/CNR11	Tibetan	9539do	11685do	15570do	
0200	0300		China, China Natl R/CNR13	Uyghur	13700do	15390do		
0200	0300		China, China R International	Amoy	15425as	17495as		
0200	0300		China, China R International	Bengali	9655as	11640as		

0200	0300	China, China R International	Chinese	6020eu 9815as 13655as	9560as 9825sa 15140as	9570na 11650sas 15160as	9580na 11695sa
0200	0300	China, China R International	English	11770as	13640as		
0200	0300	China, China R International	Russian	5915as	17615va		
0200	0300	China, China R International	Spanish	9595sa	9710sa		
0200	0300	China, China R International	Tamil	13600as	15260as		
0200	0300	China, China R International	Urdu	9450as	11650as		
0200	0300	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do	
0200	0300	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
0200	0300	China, CNR/VO Minorities/CNR8	Kazakh	11630do	11810do	12055do	15670do
0200	0300	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do		
0200	0300	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do	
0200	0300	China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
0200	0300	China, Hulun Buir PBS	Amoy/Chinese/Hakka	7280do	9505do		
0200	0300	China, Nei Menggu PBS	Chinese	3900do			
0200	0300	China, Nei Menggu PBS	Chinese	7420do	9520do		
0200	0300	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0200	0300	China, Qing Hai PBS	Chinese	4750do	6145do		
0200	0300	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
0200	0300	China, Tibet PBS	Chinese	4820do 11950do	5935do	6050do	11860do
0200	0300	China, Tibet PBS	Tibetan	4905do 6130do	4920do 6200do	5240do 9490do	6110do 9580do
0200	0300	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do
0200	0300	China, Xinjiang PBS	Kazakh	4330do	6015do		
0200	0300	China, Xinjiang PBS	Mongolian	4500do	6190do		
0200	0300	China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	
0200	0300	China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu	7210do			
0200	0300	Clandestine, R VO Kurdistan	Kurdish	3930as			
0200	0300	Clandestine, Sound of Hope R Intl	Chinese	11970as 13850as 16980as	12980as 14700as 17895as	13270as 15070as	13350as 16100as
0200	0300	Colombia, La Voz de tu Conciencia	Spanish	6010do			
0200	0300	Colombia, R Alcaravan	Spanish	5910do			
0200	0300	Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca		
0200	0300	Cuba, R Havana Cuba	English	6000na	6050na		
0200	0300	Cuba, R Havana Cuba	Spanish	5040va 11680sa	6060na 11760am	6120ca 15230sa	9810ca 17705sa
0200	0300	Cuba, R Rebelde	Spanish	5025na			
0200	0300	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0200	0300	Dominican Rep, R Amanecer Intl	Spanish	6025do			
0200	0300	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
0200	0300	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0200	0300	Ecuador, La Voz del Napo	Spanish	3280do			
0200	0300	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
0200	0300	Ecuador, R Quito	Spanish/Quechua	4919do			
0200	0300	Egypt, R Cairo	Arabic	6270na			
0200	0300	Egypt, R Cairo	English	9315na			
0200	0300	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
0200	0300	France, R France International	French	3965eu			
0200	0300	Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al		
0200	0300	Greece, Voice of Greece	Greek	7475va	9420va	15650va	
0200	0300	Guatemala, R Verdad	English/Spanish	4055do			
0200	0300	Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0200	0300	Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
0200	0300	Honduras, R Luz y Vida	English/Spanish	3250do			
0200	0300	India, All India R/Aizawl	English/Hindi/Mizo	5050do			
0200	0300	India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
0200	0300	India, All India R/Chennai	Tamil	7270do			
0200	0300	India, All India R/Delhi	Hindi	15135do			
0200	0300	India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do		
0200	0300	India, All India R/External Svc	Urdu	6155as	7340as	9595as	11620as
0200	0300	India, All India R/Gangtok	Nepali	4835do			
0200	0300	India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			4940do	
0200	0300	India, All India R/Itanagar	English/Hindi/Buddist minority	4990do			
0200	0300	India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do			
0200	0300	India, All India R/Jeypore	English/Hindi/Odia/Sanskrit	5040do			
0200	0300	India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	4895do			
0200	0300	India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0200	0300	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4810do		
0200	0300	India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
0200	0300	India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
0200	0300	India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5010do			
0200	0300	Indonesia, RRI Jakarta	Indonesian	9680do			
0200	0300	Indonesia, RRI Jambi	Indonesian	4925do			
0200	0300	Indonesia, RRI Nabire	Indonesian	7290do			
0200	0300	Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
0200	0300	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		

0200	0300		Japan, R Japan NHK World	Japanese	5960ca 15195as	11780as 15325as	11680va 17560va	11935sa
0200	0300	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0200	0300	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0200	0300		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0200	0300		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0200	0300		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0200	0300		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0200	0300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0200	0300		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0200	0300		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0200	0300		Mexico, R Educacion	Spanish/English	6185do			
0200	0300		Mexico, R Mil Onda Corta	Spanish	6010do			
0200	0300		Mexico, R Transcontinental de America	Spanish	4800do			
0200	0300		Mexico, R Universidad	Spanish	6045do			
0200	0300		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0200	0300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do		
0200	0300		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0200	0300		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do		
0200	0300		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do			
0200	0300		Myanmar, Myanma R/Yangon	Burmese/vernaculars	7200do	7185al		
0200	0300		Nepal, R Nepal	Nepali	5005do			
0200	0300		New Zealand, R New Zealand Intl	English	15720pa			
0200	0300	DRM	New Zealand, R New Zealand Intl	English	17675pa			
0200	0300		Oman, R Sultanate of Oman	Arabic	15355af			
0200	0300		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0200	0300		Palau, T8WH/World Harvest R	English	17800as			
0200	0300		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0200	0300		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0200	0300		Peru, R Altura	Spanish/Quechua	5014do			
0200	0300		Peru, R Maranon	Spanish	4835do			
0200	0300		Peru, R Ondas del Sur Oriente	Spanish	5120do			
0200	0300		Peru, R Reina de la Selva	Spanish/Quechua	5487do			
0200	0300		Peru, R Sicuani	Spanish/Quechua	4826do			
0200	0300		Peru, R Tarma	Spanish	4775do			
0200	0300		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
0200	0300		Peru, R Union	Spanish	6115do			
0200	0300		Peru, R Victoria	Spanish	6020do	9720do		
0200	0300		Peru, R Virgen del Carmen	Spanish	4887do	4895al		
0200	0300		Peru, R Vision	Spanish	4790do			
0200	0300		Philippines, R Pilipinas Overseas	English	11880me	15285me	17700me	
0200	0300		Russia, Voice of Russia	English	9665va	15425na		
0200	0300		Russia, Voice of Russia	Russian	11965as			
0200	0300		Solomon Islands, SIBC	English/Pidgin	5020do			
0200	0300		South Africa, R Sonder Grense	Afrikaans	3320do			
0200	0300		South Korea, KBS World R	English	9580sa			
0200	0300		South Korea, KBS World R	Japanese	11810as			
0200	0300		Spain, R Exterior de Espana	Spanish	3350ca 9535ca	5995sa 9620sa	6055na 9630na	6125ca
0200	0300	mtwhfa	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0200	0300		Sudan, Sudan R	Arabic	7200do			
0200	0300		Sudan, Sudan R	Arabic	7200do			
0200	0300		Taiwan, R Taiwan Intl	Chinese	9660as			
0200	0300		Taiwan, R Taiwan Intl	English	5950na	9680na		
0200	0300		Taiwan, R Taiwan Intl	Spanish	7570sa	11995sa		
0200	0300		Tajikistan, R Tojikiston/TR1	Russian	4765as			
0200	0300		Tajikistan, VO Tajik	Tajik	7245as			
0200	0300		Tunisia, RTV/R Tunisia	Arabic	12005me	17735me		
0200	0300		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
0200	0300		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0200	0300		UK, BBC World Service	English	6005af 17790as	6195me	12095as	15310as
0200	0300		USA, Amer Forces Network/AFRTS	English	4319usb 12133usb	5446usb 12759usb	5765usb 13362usb	7811usb
0200	0300		USA, BBG/R Farda	Farsi	5860as	7575as		
0200	0300		USA, BBG/R Free Asia	Tibetan	9885as 17730as	11695as	11745as	17610as
0200	0300		USA, BBG/R Free Europe/R Liberty	Tajik	9740as	15525as		
0200	0300		USA, BBG/R Free Europe/R Liberty	Turkmen	9550as	15560as		
0200	0300		USA, BBG/R Free Europe/R Liberty	Uzbek	9855as	12025as	15145as	
0200	0300		USA, BBG/R Marti	Spanish	6030ca	7365ca	11775ca	
0200	0300		USA, BBG/VOA Deewa R	Pashto	9370as	9380as	11895as	
0200	0300		USA, BBG/Voice of America	Burmese	11820as	15115as	17770as	
0200	0300		USA, FBN/WTJC Newport NC	English	9370na			
0200	0300	Sat	USA, Overcomer Ministry	English	15750af			
0200	0300	Sat/Sun	USA, WBCQ Monticello ME	English	5110am			
0200	0300		USA, WBCQ Monticello ME	English	7490am	9330am		
0200	0300		USA, WEWN/EWTN Irontdale AL	English	11520af			
0200	0300		USA, WEWN/EWTN Irontdale AL	Spanish	5810ca	11870sa		
0200	0300		USA, WHRI Cypress Creek SC	English	5920va			

0200	0300	USA, WINB Red Lion PA	English	9265am				
0200	0300	USA, WRMI Miami FL	English/Spanish	9955am				
0200	0300	USA, WTWW Lebanon TN	English	5755va				
0200	0300	USA, WTWW Lebanon TN	Portuguese	12105va				
0200	0300	USA, WWCR Nashville TN	English	3215eu	4840na	5890af	5935af	
0200	0300	USA, WWRB Manchester TN	English	3185na	5050na			
0200	0300	USA, WYFR/Family R Worldwide	English	5985ca	6115na			
0200	0300	USA, WYFR/Family R Worldwide	Spanish	9385sa	11580sa	11740sa	15255sa	
0200	0300	Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as			
0200	0300	Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0200	0300	Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
0200	0300	Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
0200	0300	Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
0200	0300	Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
0200	0300	Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
0200	0300	Zambia, Christian Voice	English	4965as				
0200	0300	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0205	0230	India, All India R/Delhi	Kannada	11830do				
0205	0230	Vatican City State, Vatican R	Armenian	7335eu	9645eu			
0210	0300	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4760do			
0215	0227	Nepal, R Nepal	English	5005do				
0215	0230	India, All India R/Delhi	Kashmiri	7235do				
0215	0230	mtwhfa UK, FEBA Radio	mixed languages	9750as				
0215	0300	India, All India R/External Svc	Kannada	11985me	15120me			
0215	0300	India, All India R/External Svc	Pashto	9835as	9910as	11735as		
0215	0300	India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		6020do			
0220	0300	India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		7420do			
0225	0300	India, All India R/Bhopal	English/Hindi	7430do				
0225	0300	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		6110do			
0230	0245	Sat/Sun Australia, HCJB Global Australia	Chhattisghari	15400as				
0230	0245	f Australia, HCJB Global Australia	Hmar	15400as				
0230	0245	t Australia, HCJB Global Australia	Kurukh	15400as				
0230	0245	w Australia, HCJB Global Australia	Marwari	15400as				
0230	0245	India, All India R/Delhi	Telugu	15400as				
0230	0245	Vatican City State, Vatican R	Hindi	6030do	7235do	11830do	15135do	
0230	0250	Vatican City State, Vatican R	French	6040am	7305am			
0230	0250	Vatican City State, Vatican R	Slovenian	3975eu				
0230	0257	Iran, VO Islamic Rep of Iran	Hindi	11890as	13750as			
0230	0257	Iran, VO Islamic Rep of Iran	Uzbek	7295as	11870as			
0230	0300	Austria, AWR Europe	Punjabi	9690as				
0230	0300	China, Qing Hai PBS	Chinese	4750do	6145do	9780do		
0230	0300	China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
0230	0300	Clandestine, R Sedayee Kashmir	Kashmiri	4870as				
0230	0300	Clandestine, VO Iranian Kurdistan	Farsi	3965as	4870as			
0230	0300	India, All India R/Delhi	Hindi	6030do				
0230	0300	India, All India R/Gorakhpur	Hindi/English	3945do	6030do	7235do	11830do	
				15135do				
0230	0300	India, All India R/Guwahati	Assamese	7420do				
0230	0300	India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do	7335do		
0230	0300	India, All India R/Kolkata	Bengali/English/Hindi/Santhani		7210do			
0230	0300	India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura		7290do			
0230	0300	Indonesia, AWR Asia/Pacific	Punjabi	9690as				
0230	0300	Iran, VO Islamic Rep of Iran	Arabic	11660as	11760eu			
0230	0300	Iran, VO Islamic Rep of Iran	Pashto	5940as	9620as			
0230	0300	Iran, VO Islamic Rep of Iran	Spanish	9860sa				
0230	0300	Madagascar, AWR Africa	Malagasy	3215af				
0230	0300	Moldova, R Payem e-Doost	Farsi	7460as				
0230	0300	Myanmar, Myanma R/Yangon	English	9731do				
0230	0300	Myanmar, Rakhin BC Sta	Po	9590do				
0230	0300	Taiwan, R Taiwan Intl	Hakka	15440as				
0230	0300	Thailand, R Thailand World Svc	Thai	15275na				
0230	0300	UK, BBC World Service	Dari	7445as	9440as	9885as		
0230	0300	UK, BBC World Service	Farsi	7320as	9500as	9565as		
0230	0300	UK, BBC World Service	Hindi	9410as	11975as	15510as	17510as	
0230	0300	UK, FEBA Radio	Dari	9790as				
0230	0300	USA, BBG/R Farda	Farsi	7280as	9760as	15680as	15690as	
0230	0300	USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as		
0230	0300	USA, WRMI/R Slovakia Intl relay	Spanish	9955am				
0230	0300	Vatican City State, Vatican R	French	7360af				
0230	0300	Vatican City State, Vatican R	Russian	7335eu	9645eu			
0230	0300	Vietnam, VO Vietnam/Overseas Svc	English	6175na				
0240	0300	Vatican City State, Vatican R	Malayalam	15460as				
0245	0300	Australia, HCJB Global Australia	English	15400as				
0245	0300	India, All India R/Bhopal	English	7430do				
0245	0300	India, All India R/Delhi	English	4860do	6030do	7235do	11830do	
				15135do				
0245	0300	India, All India R/Gorakhpur	English	3945do	6030do	7235do	11830do	
				15135do				
0245	0300	India, All India R/Guwahati	English	4940do				
0245	0300	India, All India R/Hyderabad	English	7420do				

0245	0300		India, All India R/Imphal	English	7335do		
0245	0300		India, All India R/Itanagar	English	4990do		
0245	0300		India, All India R/Jaipur	English	4910do		
0245	0300		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	5040do		
0245	0300		India, All India R/Kolkata	English	7210do		
0245	0300		India, All India R/Kurseong	English	4895do		
0245	0300		India, All India R/Lucknow	English	4880do		
0245	0300		India, All India R/R Kashmir	English	4760do		
0245	0300		India, All India R/Shillong	English	4970do		
0245	0300		India, All India R/Shimla	English	6020do		
0245	0300		India, All India R/Thiruvananthapuram	English	7290do		
0245	0300		Yemen, Rep of Yemen R	Arabic	9780me		
0245	0300		Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do	6165do	
0250	0300		Vatican City State, Vatican R	Croatian	3975eu		
0250	0300		Vatican City State, Vatican R	English	6040am	7305am	9610am
0255	0300	Sun	Swaziland, TWR Africa	English	3200af		
0255	0300	Sat	Swaziland, TWR Africa	Ndebele	3200af		
0255	0300		Swaziland, TWR Africa	Shona	3240af		
0257	0300		China, Xinjiang PBS	Uyghur	7205do	13670do	
0258	0300		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do	

0300 UTC - 11PM EDT / 10PM CDT / 8PM PDT

0300	0310		Clandestine, R Sedayee Kashmir	Kashmiri	4870as		
0300	0310		India, All India R/Delhi	Hindi	6030do	15135do	
0300	0310		India, All India R/Delhi	Punjabi	6030do		
0300	0310	Sat	Swaziland, TWR Africa	Ndebele	3200af		
0300	0310		Vatican City State, Vatican R	Croatian	3975eu		
0300	0315		Canada, Bible Voice Broadcasting	Arabic	7310me		
0300	0315		India, All India R/Imphal	English	7335do		
0300	0315		India, All India R/Itanagar	English	4990do		
0300	0315		India, All India R/Shillong	English	4970do		
0300	0315		Moldova, R Payem e-Doost	Farsi	7460as		
0300	0315		UK, FEBA Radio	mixed languages	9790as		
0300	0320		USA, BBG/R Free Europe/R Liberty	Avar	7290eu	9480eu	
0300	0320		Vatican City State, Vatican R	English	6040am	7305am	9610am
0300	0320		Vatican City State, Vatican R	Ukrainian	6185eu	7335eu	
0300	0325	Sun	Swaziland, TWR Africa	English	3200af		
0300	0325	mtwhf	Swaziland, TWR Africa	Ndebele	3200af		
0300	0325		Swaziland, TWR Africa	Shona	3240af		
0300	0327		Iran, VO Islamic Rep of Iran	Arabic	3985as		
0300	0327		Iran, VO Islamic Rep of Iran	Armenian	7220eu	11700eu	
0300	0327		Iran, VO Islamic Rep of Iran	Pashto	5940as	9620as	
0300	0327		Iran, VO Islamic Rep of Iran	Russian	11925as	13670va	
0300	0327		Iran, VO Islamic Rep of Iran	Spanish	9860sa		
0300	0330		Australia, ABC/R Australia	French	12080pa	15515pa	
0300	0330		Bolivia, R Eco	Spanish	4409do		
0300	0330		Bolivia, R San Miguel	Spanish	4699do		
0300	0330		China, China R International	Nepali	11730as	13780as	
0300	0330		China, Xinjiang PBS	Mongolian	4500do	6190do	
0300	0330		Clandestine, R VO Kurdistan	Farsi	3930as		
0300	0330		Egypt, R Cairo	English	9315na		
0300	0330		Germany, AWR Europe	Oromo	11610af		
0300	0330		Germany, AWR Europe	Tigrinya	6065af		
0300	0330		Germany, R Dardasha 7	Arabic	7310me		
0300	0330		Indonesia, AWR Asia/Pacific	Russian	17645as		
0300	0330		Madagascar, AWR Africa	Malagasy	3215af		
0300	0330		Myanmar, Myanmar R/Yangon	English	9731do		
0300	0330		Myanmar, Rakhin BC Sta	Po	9590do		
0300	0330		Philippines, R Pilipinas Overseas	English	11880me	15285me	17700me
0300	0330		Thailand, R Thailand World Svc	Thai	15275na		
0300	0330		UK, BBC World Service	Farsi	7320as	9565as	9565as
0300	0330		UK, BBC World Service	Pashto	9440as	9895as	11855as
0300	0330		UK, BBC World Service	Urdu	11995as	13580as	15510as
0300	0330		USA, BBG/Afia Darfur R	Arabic	6135af	7330af	9815af
0300	0330		USA, BBG/R Free Afghanistan	Dari	17670as	17690as	
0300	0330		Vatican City State, Vatican R	English	7360af	9660af	15460as
0300	0330		Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na		
0300	0345		India, All India R/External Svc	Dari	9835as	9910as	11735as
0300	0345		USA, WYFR/Family R Worldwide	Spanish	6875sa		
0300	0350		North Korea, Pyongyang BC Sta	Korean	7220as	9345as	9730as
0300	0355		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do		
0300	0355		South Africa, Channel Africa	English	5980af		
0300	0355		Turkey, Voice of Turkey	English	6165as	9515va	
0300	0356		Romania, R Romania Intl	English	9645na	11795na	11895as
0300	0357		Germany, Deutsche Welle	Swahili	5925af	7300af	15340as
0300	0357		North Korea, Korean Central BC Sta	Spanish	11735ca	13760sa	15180sa
0300	0357		North Korea, Voice of Korea	Chinese	13650as	15100as	
0300	0400		Anguilla, University Network	English	6090na		

0300	0400	twhfa	Argentina, RAE	French	11710am				
0300	0400		Australia, ABC NT Alice Springs	English	4835do				
0300	0400		Australia, ABC NT Katherine	English	5025do				
0300	0400		Australia, ABC NT Tennant Creek	English	4910do				
0300	0400		Australia, ABC/R Australia	English	15160pa	15240pa	15415pa	17750as	
					21725pa				
0300	0400		Australia, R Symban	Greek	2369do				
0300	0400		Bahrain, R Bahrain	Arabic	9745me				
0300	0400		Bahrain, R Bahrain	English	6010me				
0300	0400		Bhutan, Bhutan BC Svc	Shar chop	5030do	6035do			
0300	0400	fa	Bolivia, R Fides	Spanish/Aymara	6155do				
0300	0400		Bolivia, R Panamericana	Spanish	5765do	6105do			
0300	0400		Brazil, Iguatemi	Portuguese	4975do				
0300	0400		Brazil, R Alvorada/Londrina	Portuguese	4865do				
0300	0400		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
0300	0400		Brazil, R Boa Vontade	Portuguese	6160do	9550do			
0300	0400		Brazil, R Brasil Central	Portuguese	4985do	11815do			
0300	0400		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
0300	0400		Brazil, R Capital	Portuguese	6070do				
0300	0400		Brazil, R Capixaba	Portuguese	4935do				
0300	0400		Brazil, R Clube do Para	Portuguese	4885do				
0300	0400		Brazil, R Cultura do Para	Portuguese	5045do				
0300	0400		Brazil, R Cultura Filadelfia	Portuguese	6105do				
0300	0400		Brazil, R Difusora Acreana	Portuguese	4885do				
0300	0400		Brazil, R Difusora/Macapa	Portuguese	4915do				
0300	0400		Brazil, R Educadora/Limeira	Portuguese	2380do				
0300	0400		Brazil, R Gaucha	Portuguese	6020do	11915do			
0300	0400		Brazil, R Guaiba	Portuguese	6000do	11785do			
0300	0400		Brazil, R Guaruja Paulista	Portuguese	5045do				
0300	0400		Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
0300	0400		Brazil, R Imaculada Conceicao	Portuguese	4755do				
0300	0400		Brazil, R Inconfidencia	Portuguese	6010do	15190do			
0300	0400		Brazil, R Maria	Portuguese	4885do				
0300	0400		Brazil, R Mundial	Portuguese	3325do				
0300	0400		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
0300	0400		Brazil, R Nove de Julho	Portuguese	9820do				
0300	0400		Brazil, R Novo Tempo	Portuguese	4895do				
0300	0400		Brazil, R Record	Portuguese	6150do	9505do			
0300	0400		Brazil, R Trans Mundial	Portuguese	5965do				
0300	0400		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0300	0400		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
0300	0400		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
0300	0400	twhf as	Canada, CBC Northern Quebec Svc	English	9625na				
0300	0400		Canada, CFRX Toronto ON	English	6070na				
0300	0400		Canada, CFPV Calgary AB	English	6030na				
0300	0400		Canada, CKZN St Johns NF	English	6160na				
0300	0400		Canada, CKZU Vancouver BC	English	6160na				
0300	0400		China, China Huayi BC	Amoy/Chinese	6185do				
0300	0400		China, China Natl R/CNR11	Tibetan	9530do	11685do	15570do		
0300	0400		China, China Natl R/CNR13	Uyghur	13700do	15390do			
0300	0400		China, China R International	Chinese	6020eu	9450as	9560as	13655as	
					15130as	15160as	15230as		
0300	0400		China, China R International	English	9690am	9790na	11770as	13750as	
					15110as	15120as	15785as		
0300	0400		China, China R International	Hindi	11640as	13720as	15210as	15350as	
0300	0400		China, China R International	Russian	5905as	5915as	15425va	15435as	
					17710va				
					9560sa				
0300	0400		China, China R International	Spanish	9560sa				
0300	0400		China, China R International	Tamil	13600as	13730as			
0300	0400		China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do		
0300	0400		China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do			
0300	0400		China, CNR/VO Minorities/CNR8	Mongolian	6040do	7270do	9610do	11815do	
0300	0400		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do			
0300	0400		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do		
0300	0400		China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
0300	0400		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do			
0300	0400		China, Hulun Buir PBS	Chinese	3900do				
0300	0400		China, Nei Menggu PBS	Chinese	7420do	9520do			
0300	0400		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0300	0400		China, Qing Hai PBS	Chinese	4750do	6145do	9780do		
0300	0400		China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
0300	0400		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
0300	0400		China, Tibet PBS	Chinese	4820do	5935do	6050do	11860do	
					11950do				
0300	0400		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
					6130do	6200do	9490do	9580do	
0300	0400		China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do	
0300	0400		China, Xinjiang PBS	Kazakh	6015do	7340do	9470do		
0300	0400		China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do	
					13670do				

0300	0400		Clandestine, Denge Mezopotamya	Kurdish	11530as				
0300	0400		Clandestine, R Miraya FM	English/Arabic	11560af				
0300	0400		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as	
					13850as	14700as	15070as	16100as	
					16980as	17895as			
0300	0400		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4870as			
0300	0400		Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu/Gorji/English/Hindi	3995as				
0300	0400		Colombia, La Voz de tu Conciencia	Spanish	6010do				
0300	0400		Colombia, R Alcaravan	Spanish	5910do				
0300	0400		Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca			
0300	0400		Cuba, R Havana Cuba	English	6000na	6050na			
0300	0400		Cuba, R Havana Cuba	Spanish	5040va	6060na	6120ca	9810ca	
					11680sa	11760am	15230sa	17705sa	
0300	0400		Cuba, R Rebelde	Spanish	5025na				
0300	0400		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
0300	0400		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0300	0400		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
0300	0400		Egypt, R Cairo	Arabic	6270na				
0300	0400		Ethiopia, Amhara State Reg R	Amharic	6090do				
0300	0400		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do			
0300	0400		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
0300	0400		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do				
0300	0400	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu			
0300	0400	DRM	France, R France International	French	3965eu				
0300	0400		Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al			
0300	0400		Germany, Deutsche Welle	Swahili	6180af	9470af	9800af		
0300	0400		Guatemala, R Verdad	English/Spanish	4055do				
0300	0400		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do			
0300	0400		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
0300	0400		Honduras, R Luz y Vida	English/Spanish	3250do				
0300	0400		India, All India R/Aizawl	English/Hindi/Mizo	5050do				
0300	0400		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do			
0300	0400		India, All India R/Bhopal	English/Hindi	7430do				
0300	0400		India, All India R/Chennai	English/Hindi	7380do				
0300	0400		India, All India R/Chennai	Tamil	7270do				
0300	0400		India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do			
0300	0400		India, All India R/Delhi	Marathi	11830do				
0300	0400		India, All India R/External Svc	Bengali	7420as				
0300	0400		India, All India R/External Svc	Urdu	6155as	7340as	9595as	11620as	
0300	0400		India, All India R/Gangtok	Nepali	4835do				
0300	0400		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			4940do		
0300	0400		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	7420do				
0300	0400		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	4775do		7335do		
0300	0400		India, All India R/Itanagar	English/Hindi/Buddist minority	4990do				
0300	0400		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do				
0300	0400		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit	5040do				
0300	0400		India, All India R/Kolkata	Bengali/English/Hindi/Santhani	4820do		7210do		
0300	0400		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	4895do				
0300	0400		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do				
0300	0400		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi	4810do				
0300	0400		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	4760do		6110do		
0300	0400		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya	4970do				
0300	0400		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	6020do				
0300	0400		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5010do				
0300	0400		India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura	7290do				
0300	0400		Indonesia, RRI Jakarta	Indonesian	9680do				
0300	0400	Sun	Indonesia, RRI Jambi	Indonesian	4925do				
0300	0400		Indonesia, RRI Nabire	Indonesian	7290do				
0300	0400		Iran, VO Islamic Rep of Iran	Arabic	6025as	11660as	11760as	12080as	
0300	0400		Iran, VO Islamic Rep of Iran	Dari	11940as	13740as			
0300	0400		Israel, Galei Tzahal	Hebrew	6973usb	15850usb			
0300	0400		Japan, R Japan NHK World	Japanese	5960ca	11680va	11935sa	15195as	
					15325as	17560va	17810as		
0300	0400	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
0300	0400	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do		
0300	0400		Kuwait, R Kuwait/General Svc	Arabic	5960me				
0300	0400		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do			
0300	0400		Laos, LNR Natl Svc/Vientane	Lao	6130do				
0300	0400		Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al			
0300	0400		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do				
0300	0400		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
0300	0400		Malaysia, RTM Kajang/Traxx FM	English	7295do				
0300	0400		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
0300	0400		Mexico, R Educacion	Spanish/English	6185do				
0300	0400		Mexico, R Mil Onda Corta	Spanish	6010do				
0300	0400		Mexico, R Transcontinental de America	Spanish	4800do				
0300	0400		Mexico, R Universidad	Spanish	6045do				
0300	0400		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as			
0300	0400		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do			
0300	0400		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				

0300	0400		Myanmar, Defence Forces BC Unit	Burmese/minority languages	5770do			
0300	0400		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do			
0300	0400		Myanmar, Myanma R/Natl Pgm/Yangon	Burmese/vernaculars	9731do			
0300	0400		Nepal, R Nepal	Nepali	5005do			
0300	0400		New Zealand, R New Zealand Intl	English	15720pa			
0300	0400	DRM	New Zealand, R New Zealand Intl	English	17675pa			
0300	0400		Oman, R Sultanate of Oman	English	15355af			
0300	0400		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0300	0400		Palau, T8WH/World Harvest R	English	17800as			
0300	0400		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0300	0400		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0300	0400		Peru, R Tarma	Spanish	4775do			
0300	0400		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
0300	0400		Peru, R Union	Spanish	6115do			
0300	0400		Peru, R Victoria	Spanish	6020do	9720do		
0300	0400		Peru, R Vision	Spanish	4790do			
0300	0400		Russia, Voice of Russia	English	9665va	15424na		
0300	0400		Russia, Voice of Russia	Russian	11965as			
0300	0400		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
0300	0400		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15170as	17895as		
0300	0400		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me			
0300	0400		Solomon Islands, SIBC	English/Pidgin	5020do			
0300	0400		South Africa, Channel Africa	English	3345af			
0300	0400		South Africa, R Sonder Grense	Afrikaans	3320do			
0300	0400		South Korea, KBS World R	Korean	11810sa			
0300	0400		Spain, R Exterior de Espana	Spanish	3350ca	5995sa	6055na	6125ca
					9535ca	9620sa	9630na	
0300	0400	Sun	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0300	0400		Sudan, Sudan R	Arabic	7200do			
0300	0400		Taiwan, R Taiwan Intl	Chinese	5985na			
0300	0400		Taiwan, R Taiwan Intl	English	5950na	15320as		
0300	0400		Tajikistan, R Tojikiston/TR1	Russian	4765as			
0300	0400		Tajikistan, VO Tajik	Tajik	7245as			
0300	0400		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765as		
0300	0400		Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do			
0300	0400		Tunisia, RTV/R Tunisia	Arabic	7275eu	12005me	17735me	
0300	0400		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
0300	0400		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0300	0400		UK, BBC World Service	Arabic	5790eu	6040va	9425me	9915af
0300	0400		UK, BBC World Service	English	3255af	5875af	6005af	6145af
					6190af	6195me	9410me	9750af
					12035af	12095as	15310as	15365as
					17790as			
0300	0400		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	
0300	0400		USA, BBG/R Farda	Farsi	5860as	7280as	9760as	15680as
					15690as			
0300	0400		USA, BBG/R Free Asia	Mandarin	13785as	15120as	15615as	15635as
					17485as	17855as	21595as	21650as
0300	0400		USA, BBG/R Free Europe/R Liberty	Belarusian	6105eu	6120eu		
0300	0400		USA, BBG/R Free Europe/R Liberty	Russian	7250eu	7435eu	17820eu	
0300	0400		USA, BBG/R Free Europe/R Liberty	Tajik	9740as	15525as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	7390as	9635as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Turkmen	9550as	15560as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Uzbek	12025as	15145as	17770as	
0300	0400	mtwhfas	USA, BBG/R Marti	Spanish	6030ca	7405ca		
0300	0400		USA, BBG/VOA Deewa R	Pashto	9370as	9380as	11895as	
0300	0400		USA, BBG/Voice of America	English	4930af	6080af	9855af	15580af
0300	0400		USA, BBG/Voice of America	Tibetan	15265as	15605as	17735as	
0300	0400		USA, FBN/WTJC Newport NC	English	9370na			
0300	0400	Sat	USA, Overcomer Ministry	English	15750af			
0300	0400		USA, WBCQ Monticello ME	English	7490am	9330am		
0300	0400		USA, WEWN/EWTN Irondale AL	English	11520af			
0300	0400		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870sa		
0300	0400		USA, WHRI Cypress Creek SC	English	5920va	7385na	9825va	
0300	0400		USA, WRMI Miami FL	English/Spanish	9955am			
0300	0400		USA, WTWW Lebanon TN	English	5755va			
0300	0400		USA, WTWW Lebanon TN	Portuguese	12105va			
0300	0400		USA, WWCR Nashville TN	English	3215eu	4840na	5890af	5935af
0300	0400		USA, WWRB Manchester TN	English	3185na	5050na		
0300	0400		USA, WYFR/Family R Worldwide	English	11740ca			
0300	0400		USA, WYFR/Family R Worldwide	Spanish	6875sa	9385sa		
0300	0400		Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as		
0300	0400		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
0300	0400		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
0300	0400		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
0300	0400		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		
0300	0400		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
0300	0400		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do		
0300	0400		Yemen, Rep of Yemen R	Arabic	9780me			

0300	0400	Zambia, Christian Voice	English	4965as			
0300	0400	Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0300	0400	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0310	0320	India, All India R/Delhi	Dogri	7235do			
0310	0325	Vatican City State, Vatican R	Czech	3975eu			
0310	0330	Clandestine, R Sedayee Kashmir	Dogri	4870as			
0310	0330	India, All India R/Delhi	Sindhi	11830do			
0315	0400	India, All India R/External Svc	Hindi	11840me	13695me	15120va	17715af
0315	0400	DRM India, All India R/External Svc	Hindi	15185af			
0315	0400	India, All India R/Port Blair	English/Hindi/vernaculars		7390do		
0315	0400	Japan, R Japan NHK World	Swahili	7395af			
0320	0335	India, All India R/Delhi	Urdu	11830do			
0320	0340	USA, BBG/R Free Europe/R Liberty	Chechen	7290eu	9480eu		
0320	0340	Vatican City State, Vatican R	Belarusian	6185eu	7335eu		
0320	0400	Vatican City State, Vatican R	Spanish	6040am	7305am		
0325	0330	mtwhf Nepal, R Nepal	Newari	5005do			
0325	0340	Swaziland, TWR Africa	Ndau	3240af			
0325	0340	Vatican City State, Vatican R	Slovak	3975eu			
0330	0335	India, All India R/Delhi	Sandhi	7235do			
0330	0337	Sat/Sun Nepal, R Nepal	Newari	5005do			
0330	0345	Germany, R Dardasha 7	Persian	9460as			
0330	0345	mfas South Africa, TWR Africa	Amharic	7215af			
0330	0345	t South Africa, TWR Africa	Oromo	7215af			
0330	0345	wh South Africa, TWR Africa	Sidamo	7215af			
0330	0345	Sun Vatican City State, Vatican R	Swahili	7360af			
0330	0345	Vatican City State, Vatican R	Swahili	9660af			
0330	0400	Australia, ABC/R Australia	English	15515pa			
0330	0400	Austria, AWR Europe	Farsi	9505as			
0330	0400	China, Xinjiang PBS	Kyrgyz	7295do	9705do		
0330	0400	Ethiopia, R Oromiya	Oromo	6030do			
0330	0400	Germany, AWR Europe	Amharic	11610af			
0330	0400	Iran, VO Islamic Palestinian Revol	Arabic	9610me	11875me		
0330	0400	Iran, VO Islamic Rep of Iran	Azeri	11670as			
0330	0400	Iran, VO Islamic Rep of Iran	English	11920eu	13650eu		
0330	0400	Iran, VO Islamic Rep of Iran	Kurdish (Sorani dialect)		7365as	9715as	
0330	0400	UK, BBC World Service	Farsi	9565as	11855as	13580as	
0330	0400	USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as	
0330	0400	USA, BBG/Voice of America	Kinyarwanda/Kirunda	7265af	7340af		
0330	0400	USA, BBG/Voice of America	Somali	6135af	11750af	15730af	
0330	0400	Sat USA, WHRI Cypress Creek SC	Russian	9840eu			
0330	0400	mtwhfa Vatican City State, Vatican R	Swahili	7360af			
0330	0400	Vietnam, VO Vietnam/Overseas Svc	English	6175na			
0335	0345	India, All India R/Aizawl	English	5050do			
0335	0345	India, All India R/Delhi	English	7235do	11830do	15135do	
0335	0345	India, All India R/Kolkata	English	7210do			
0340	0400	Swaziland, TWR Africa	Lomwe	4775af			
0340	0400	USA, BBG/R Free Europe/R Liberty	Circassian	7290eu	9480eu		
0340	0400	Vatican City State, Vatican R	Hungarian	3975eu			
0340	0400	Vatican City State, Vatican R	Lithuanian	6185eu	7335eu		
0345	0400	Sat/Sun Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0345	0400	Sun Vatican City State, Vatican R	Somali	9660af	11625af		
0345	0400	mtwhfa Vatican City State, Vatican R	Swahili	9660af			

0400 UTC - 12AM EDT / 11PM CDT / 9PM PDT

0400	0410	India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	6020do			
0400	0415	Clandestine, Sudan R Service	Arabic (Darfuri)	11800af			
0400	0415	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu/Gorji/English/Hindi	3995as			
0400	0415	DRM India, All India R/External Svc	Hindi	11840af	15120va	13695me	17715af
0400	0415	DRM India, All India R/External Svc	Hindi	15185af			
0400	0415	India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			4940do	
0400	0415	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	4760do			
0400	0415	Vatican City State, Vatican R	Amharic	9660af	11625af		
0400	0420	Vatican City State, Vatican R	Latvian	6185eu	7335eu		
0400	0420	Vatican City State, Vatican R	Polish	3975eu	6075eu	7250eu	
0400	0425	DRM Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0400	0426	DRM Romania, R Romania Intl	Chinese	21540as			
0400	0426	Romania, R Romania Intl	Chinese	17780as			
0400	0427	Iran, VO Islamic Palestinian Revol	Arabic	9610me	11875me		
0400	0427	Iran, VO Islamic Rep of Iran	Kurdish (Sorani dialect)		7365as	9715as	
0400	0430	Australia, ABC/R Australia	Indonesian	11550as	17800as		
0400	0430	Austria, AWR Europe	Farsi	9505as			
0400	0430asm	Canada, Bible Voice Broadcasting	Luri	9410as			
0400	0430	Clandestine, R Tamazuj	Sudanese Arabic	11650af	15400af	15550af	
0400	0430	tha Clandestine, VO Eritrea	Tigrinya	7235af	9560af		
0400	0430	Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4870as		
0400	0430	Egypt, R Cairo	Arabic	6270na			
0400	0430	Germany, AWR Europe	Bulgarian	6020eu			
0400	0430	India, All India R/Aizawl	English/Hindi/Mizo	5050do			

0400	0430		India, All India R/Chennai	English/Hindi	7380do				
0400	0430		India, All India R/Chennai	Tamil	7270do				
0400	0430		India, All India R/External Svc	Bengali	7420as				
0400	0430		India, All India R/External Svc	Persian	15210as	15770as	17845as		
0400	0430		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do				
0400	0430		India, All India R/Kolkata	Bengali/English/Hindi/Santhoni	4820do				
0400	0430		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do				
0400	0430		India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura	7290do				
0400	0430		Iran, VO Islamic Rep of Iran	English	11920eu	13650eu			
0400	0430		Japan, R Japan NHK World	Persian	11730me				
0400	0430		Japan, R Japan NHK World	Spanish	6195sa				
0400	0430		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do			
0400	0430	mtwhf	Swaziland, TWR Africa	German	3200af	4775af			
0400	0430		Taiwan, R Taiwan Intl	Cantonese	15320as				
0400	0430		UK, BBC World Service	Farsi	9565as	11855as	13580as		
0400	0430		UK, BBC World Service	Somali	12015af	15490af			
0400	0430		USA, BBG/R Farda	Farsi	5860as				
0400	0430		USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as		
0400	0430	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	5945eu				
0400	0430		USA, BBG/Voice of America	English	9855af				
0400	0430		USA, BBG/Voice of America	Kinyarwanda/Kirunda	6100af	7340af	11905af		
0400	0430		Vatican City State, Vatican R	Arabic	9645me	11715me			
0400	0430	m	Vatican City State, Vatican R	English	9955ca				
0400	0430		Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na				
0400	0435		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do			
0400	0435		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit		5040do			
0400	0440		Clandestine, MND Radio	Korean	6020as	6230as			
0400	0440		India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do			
0400	0445		Germany, R Dardasha 7	Arabic	9460me				
0400	0445	Sat/Sun	Swaziland, TWR Africa	Chichewa	5995af				
0400	0450		India, All India R/Bhopal	English/Hindi	7430do				
0400	0456		Romania, R Romania Intl	Romanian	7350va	9770va			
0400	0457		Germany, Deutsche Welle	English	6180af	7240af	9470af	12045af	
0400	0457		North Korea, Voice of Korea	English	7220as	9345as	9730as	11735as	
					13760as	15180as			
0400	0457		North Korea, Voice of Korea	French	13650as	15100as			
0400	0458		New Zealand, R New Zealand Intl	English	15720pa				
0400	0458	DRM	New Zealand, R New Zealand Intl	English	17675pa				
0400	0500		Anguilla, University Network	English	6090na				
0400	0500		Australia, ABC NT Alice Springs	English	4835do				
0400	0500		Australia, ABC NT Katherine	English	5025do				
0400	0500		Australia, ABC NT Tennant Creek	English	4910do				
0400	0500		Australia, ABC/R Australia	English	15160pa	15240pa	15415pa	15515pa	
					21725as				
0400	0500		Australia, R Symban	Greek	2369do				
0400	0500		Bahrain, R Bahrain	Arabic	9745me				
0400	0500		Bahrain, R Bahrain	English	6010me				
0400	0500		Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu				
0400	0500		Bhutan, Bhutan BC Svc	Lhotsam	5030do	6035do			
0400	0500	fa	Bolivia, R Fides	Spanish/Aymara	6155do				
0400	0500		Brazil, R Alvorada/Londrina	Portuguese	4865do				
0400	0500		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
0400	0500		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
0400	0500		Brazil, R Boa Vontade	Portuguese	6160do	9550do			
0400	0500		Brazil, R Brasil Central	Portuguese	4985do	11815do			
0400	0500		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
0400	0500		Brazil, R Capital	Portuguese	6070do				
0400	0500		Brazil, R Capixaba	Portuguese	4935do				
0400	0500		Brazil, R Clube do Para	Portuguese	4885do				
0400	0500		Brazil, R Cultura do Para	Portuguese	5045do				
0400	0500		Brazil, R Cultura Filadelfia	Portuguese	6105do				
0400	0500		Brazil, R Difusora/Macapá	Portuguese	4915do				
0400	0500		Brazil, R Educadora/Limeira	Portuguese	2380do				
0400	0500		Brazil, R Guarujá Paulista	Portuguese	5045do				
0400	0500		Brazil, R Guarujá/Florianópolis	Portuguese	5980do				
0400	0500		Brazil, R Imaculada Conceicao	Portuguese	4755do				
0400	0500		Brazil, R Inconfidencia	Portuguese	6010do	15190do			
0400	0500		Brazil, R Maria	Portuguese	4885do				
0400	0500		Brazil, R Mundial	Portuguese	3325do				
0400	0500		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
0400	0500		Brazil, R Nove de Julho	Portuguese	9820do				
0400	0500		Brazil, R Novo Tempo	Portuguese	4895do				
0400	0500		Brazil, R Trans Mundial	Portuguese	5965do				
0400	0500		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0400	0500		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
0400	0500		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
0400	0500	twhf	Canada, CBC Northern Quebec Svc	English	9625na				
0400	0500		Canada, CFRX Toronto ON	English	6070na				
0400	0500		Canada, CKZN St Johns NF	English	6160na				
0400	0500		Canada, CKZU Vancouver BC	English	6160na				

0400	0500	China, China Huayi BC	Amoy/Chinese	6185do				
0400	0500	China, China Natl R/CNR11	Tibetan	9530do	11685do	15570do		
0400	0500	China, China Natl R/CNR13	Uyghur	13700do				
0400	0500	China, China R International	Cantonese	9790as	15160as	15230as		
0400	0500	China, China R International	Chinese	13640as	15130as	15170as		
0400	0500	China, China R International	English	6020na	6080na	17730va	17855va	
0400	0500	China, China R International	Hakka	15350as	17505as	17540as	17710as	
0400	0500	China, China R International	Russian	15425as	15455va	15665va		
0400	0500	China, China R International	Vietnamese	11650as	17740as			
0400	0500	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do		
0400	0500	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do			
0400	0500	China, CNR/VO Minorities/CNR8	Korean	9440do	9610do			
0400	0500	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do			
0400	0500	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do		
0400	0500	China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
0400	0500	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do			
0400	0500	China, Hulun Buir PBS	Chinese	3900do				
0400	0500	China, Nei Menggu PBS	Chinese	7420do	9520do			
0400	0500	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0400	0500	China, Qing Hai PBS	Chinese	4750do	6145do	9780do		
0400	0500	China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
0400	0500	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
0400	0500	China, Tibet PBS	Chinese	4820do	5935do	6050do	11860do	
				11950do				
0400	0500	China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
				6130do	6200do	9490do	9580do	
0400	0500	China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do	
0400	0500	China, Xinjiang PBS	Kazakh	7340do	9470do			
0400	0500	China, Xinjiang PBS	Kyrgyz	7295do	9705do			
0400	0500	China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do	
				13670do				
0400	0500	Clandestine, Denge Mezopotamya	Kurdish	11530as				
0400	0500	Clandestine, R Dabanga	Sudanese Arabic	11650af	15400af	15550af		
0400	0500	Clandestine, R Damal/VO Somali People	Somali	15700af				
0400	0500	Clandestine, R Miraya FM	English/Arabic	11560af				
0400	0500	Clandestine, R Okapi	French/Lingala (Congo)		11690as			
0400	0500	Clandestine, R VO the People	English/Ndebele/Shona		9870af			
0400	0500	Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as	
				13850as	14700as	15070as	16100as	
				16980as	17895as			
0400	0500	Clandestine, Sudan R Service	Arabic (Juba)	13720af				
0400	0500asmtwh	Clandestine, Sudan R Service/Darfur Pgm	Arabic	11800af				
0400	0500 mwf	Clandestine, VO Peace & Democracy of Eritrea	Tigrinya		7235af	9560af		
0400	0500	Clandestine, VO People	English/Shona/Ndebele		9870af			
0400	0500	Colombia, La Voz de tu Conciencia	Spanish	6010do				
0400	0500	Colombia, R Alcaravan	Spanish	5910do				
0400	0500	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
0400	0500	Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca			
0400	0500	Cuba, R Havana Cuba	English	6000na	6050na			
0400	0500	Cuba, R Havana Cuba	Spanish	5040va	6060na	6120ca	9810ca	
				11760am				
0400	0500	Cuba, R Rebelde	Spanish	5025na				
0400	0500	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
0400	0500	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0400	0500	Ecuador, HCJB/LV de los Andes	German	3995eu				
0400	0500	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
0400	0500	Egypt, R Cairo	Swahili	15610af				
0400	0500	Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do			
0400	0500	Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do		
0400	0500	Ethiopia, Amhara State Reg R	Amharic	6090do				
0400	0500	Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do			
0400	0500	Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
0400	0500	Ethiopia, R Oromiya	Oromo	6030do				
0400	0500	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do				
0400	0500	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu			
0400	0500	DRM France, R France International	French	3965eu				
0400	0500	France, R France International	French	11700af				
0400	0500	France, R France International	Hausa	13685af				
0400	0500	Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al			
0400	0500	Germany, AWR Europe	Arabic	15225va				
0400	0500	Guatemala, R Verdad	English/Spanish	4055do				
0400	0500	Guyana, Voice of Guyana	English/Hindi/vernacular		3290do			
0400	0500	Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
0400	0500	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		6110do			
0400	0500	Indonesia, RRI Jakarta	Indonesian	9680do				
0400	0500	Indonesia, RRI Jambi	Indonesian	4925do				
0400	0500	Indonesia, RRI Nabire	Indonesian	7290do				
0400	0500	Iran, VO Islamic Rep of Iran	Arabic	6025as	11660as	11760as	12080as	
0400	0500	Iran, VO Islamic Rep of Iran	Azeri	11670as				
0400	0500	Iran, VO Islamic Rep of Iran	Dari	11940as	13740as			

0400	0500		Israel, Galei Tzahal	Hebrew	6973usb	15850usb			
0400	0500		Japan, R Japan NHK World	Japanese	5960ca	11680va	15195as	15325as	
					17560va	17810as			
0400	0500	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
0400	0500	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do		
0400	0500		Kuwait, R Kuwait/General Svc	Arabic	5960me				
0400	0500		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do			
0400	0500		Laos, LNR Natl Svc/Vientane	Lao	6130do				
0400	0500		Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al			
0400	0500		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do				
0400	0500		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
0400	0500		Malaysia, RTM Kajang/Traxx FM	English	7295do				
0400	0500		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
0400	0500		Mexico, R Educacion	Spanish/English	6185do				
0400	0500		Mexico, R Mil Onda Corta	Spanish	6010do				
0400	0500		Mexico, R Transcontinental de America	Spanish	4800do				
0400	0500		Mexico, R Universidad	Spanish	6045do				
0400	0500		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as			
0400	0500		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do			
0400	0500		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
0400	0500		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do				
0400	0500		Myanmar, Myanma R/Natl Pgm/Yangon	Burmese/vernaculars	9731do				
0400	0500		Nepal, R Nepal	Nepali	5005do				
0400	0500		Papua New Guinea, R Fly	Tok Pisin/English	3915do				
0400	0500		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
0400	0500		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0400	0500		Peru, R Union	Spanish	6115do				
0400	0500		Peru, R Victoria	Spanish	6020do	9720do			
0400	0500		Peru, R Vision	Spanish	4790do				
0400	0500		Russia, R Rossii	Russian	12070eu				
0400	0500		Russia, Voice of Russia	English	13775na	15760me			
0400	0500		Russia, Voice of Russia	Russian	11965as				
0400	0500		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
0400	0500		Saudi Arabia, BSKSA/External Svc	Swahili	15285af				
0400	0500		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15170as	17895as			
0400	0500		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me				
0400	0500		Solomon Islands, SIBC	English/Pidgin	5020do				
0400	0500		South Africa, Channel Africa	English	3345af				
0400	0500		South Africa, R Sonder Grense	Afrikaans	3320do				
0400	0500		South Korea, 1st Global Korean Netwk	Korean	6015as				
0400	0500		Spain, R Exterior de Espana	Spanish	3350ca	5995sa	6055na	6125ca	
					9535ca	9620sa	9630na		
0400	0500	Sun	Sri Lanka, SLBC	English	6005as				
0400	0500		Sudan, Sudan R	Arabic	7200do				
0400	0500	Sat/Sun	Swaziland, TWR Africa	German	3200af	4775af			
0400	0500		Taiwan, R Taiwan Intl	Chinese	5960na	11640as	11665as	15245as	
0400	0500		Taiwan, R Taiwan Intl	Spanish	7570ca				
0400	0500		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0400	0500		Tajikistan, VO Tajik	Farsi	7245me				
0400	0500		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
0400	0500		Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do				
0400	0500		Tunisia, RTV/R Tunisia	Arabic	7275eu	12005me	17735me		
0400	0500		Turkey, Voice of Turkey	Turkish	6040va	11980as			
0400	0500		Uganda, UBC Radio	English/Swahili/vernaculars	4976do				
0400	0500		UK, BBC World Service	Arabic	5790af	7325af	7410eu	9915af	
					11740af	11820me	13660me		
0400	0500		UK, BBC World Service	English	3255af	3955eu	5875af	6005af	
					6190af	7310af	11945af	12035af	
					12095me	15310as	15365as	17790as	
0400	0500		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0400	0500		USA, BBG/R Farda	Farsi	7280as	9760as	15680as	15690as	
0400	0500		USA, BBG/R Free Asia	Mandarin	13760as	15615as	15635as	15660as	
					17615as	17855as	21480as	21580as	
0400	0500		USA, BBG/R Free Europe/R Liberty	Belarusian	6105eu	6155eu			
0400	0500		USA, BBG/R Free Europe/R Liberty	Russian	5925eu	7435eu	9480eu		
0400	0500	twhf	USA, BBG/R Marti	Spanish	6030ca	7405ca			
0400	0500		USA, BBG/VOA R Mashaal	Pashto	15560as	12130as	15740as		
0400	0500		USA, BBG/Voice of America	English	4930af	4960af	6080af	12025af	
					15580af				
0400	0500		USA, BBG/Voice of America	Tibetan	15265as	15605as	17735as		
0400	0500		USA, FBN/WTJC Newport NC	English	9370na				
0400	0500	Sat	USA, Overcomer Ministry	English	15750af				
0400	0500		USA, WBCQ Monticello ME	English	9330am				
0400	0500		USA, WEWN/EWTN Irontdale AL	English	11520af				
0400	0500		USA, WEWN/EWTN Irontdale AL	Spanish	5810ca	11870sa			
0400	0500		USA, WHRI Cypress Creek SC	English	5920va	7385na	9825va		
0400	0500		USA, WRMI Miami FL	English/Spanish	9955am				
0400	0500		USA, WTWW Lebanon TN	English	5755va				
0400	0500		USA, WWCR Nashville TN	English	3215eu	4840na	5890af	5935af	

0400	0500		USA, WWRB Manchester TN	English	3185na			
0400	0500		USA, WYFR/Family R Worldwide	Spanish	11740ca			
0400	0500		Uzbekistan, CVC/The Voice Asia	Hindi	13630as			
0400	0500		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
0400	0500		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
0400	0500		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do		9635do
0400	0500		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		9850do
0400	0500		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
0400	0500		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do		
0400	0500		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		9850do		
0400	0500		Yemen, Rep of Yemen R	Arabic	9780me			
0400	0500		Zambia, Christian Voice	English	4965as			
0400	0500		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do		6165do
0400	0500		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0410	0500		Russia, Tatarstan Wave	Tatar/Russian	15110as			
0415	0430	Sat	Clandestine, Sudan R Service	Arabic (Darfuri)	11800af			
0415	0430	tf	Clandestine, Sudan R Service	Fur	11800af			
0415	0430	mh	Clandestine, Sudan R Service	Masalit	11800af			
0415	0430	ws	Clandestine, Sudan R Service	Zaghawa	11800af			
0415	0430		India, All India R/External Svc	Gujarati	15120af	17715af		
0415	0430	DRM	India, All India R/External Svc	Gujarati	15185af			
0415	0430		Vatican City State, Vatican R	Tigrinya	9660af	11625af		
0415	0445	t	Spain, R Exterior de Espana	Sefardi	9650na			
0417	0500	Sun	Nepal, R Nepal	Maithili	5005do			
0417	0500	mtwhf	Nepal, R Nepal	Sherpa	5005do			
0420	0440		Vatican City State, Vatican R	German	3975eu	6075eu		7250eu
0420	0440		Vatican City State, Vatican R	Romanian	6185eu	7335eu		
0430	0455		Vatican City State, Vatican R	Arabic	11715eu			
0430	0456	DRM	Romania, R Romania Intl	Russian	7390eu			
0430	0456		Romania, R Romania Intl	Russian	9800eu			
0430	0457		Iran, VO Islamic Rep of Iran	Hebrew	9610me	11875me		
0430	0500		Austria, AWR Europe	French	6155af			
0430	0500		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		4905al 7120al
0430	0500		Clandestine, R Dabanga	Sudanese Arabic	11650af	15400af		15550af
0430	0500		Clandestine, Sudan R Service	Arabic (Darfuri)	11800af			
0430	0500		France, R France International	Swahili	7340af			
0430	0500		India, All India R/External Svc	Arabic	15210me	15770me		17845me
0430	0500		India, All India R/External Svc	Hindi	15120af	17715af		
0430	0500	DRM	India, All India R/External Svc	Hindi	15185af			
0430	0500		India, All India R/Gangtok	English/Hindi	6085do			
0430	0500	Sun	India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		7325do		
0430	0500		Iran, VO Islamic Rep of Iran	Turkish	11860va	13710va		
0430	0500		Japan, R Japan NHK World	Russian	6165eu			
0430	0500		Myanmar, Thazin BC Sta	Burmese	9460do			
0430	0500		Myanmar, Thazin BC Sta	English	6030do			
0430	0500	mtwhf	Swaziland, TWR Africa	English	3200af			
0430	0500		Taiwan, R Taiwan Intl	Hakka	15320as			
0430	0500		UK, BBC World Service	French	6135af	7365af		15490as
0430	0500		USA, BBG/R Farda	Farsi	7220as			
0430	0500		USA, BBG/R Free Afghanistan	Dari	17670as	17690as		
0430	0500		Vatican City State, Vatican R	French	9660eu	11625af		
0430	0500		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9555na			
0435	0445		India, All India R/Delhi	English	4860do			
0440	0500		Vatican City State, Vatican R	Bulgarian	6185eu	7335eu		
0440	0500		Vatican City State, Vatican R	French	3975eu	6075eu		7250eu
0445	0500		Pakistan, PBC/R Pakistan	Balti	7465as			
0455	0500		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as		6348as
0455	0500		Clandestine, VO the People	Korean	3480as	3912as		4450as 4557as
					6518as	6600as		
0455	0500		Nigeria, Voice of Nigeria	English	15120af			
0459	0500		New Zealand, R New Zealand Intl	English	11725pa			
0459	0500	DRM	New Zealand, R New Zealand Intl	English	11675pa			

0500 UTC - 1AM EDT / 12AM CDT / 10PM PDT

0500	0507	twhf	Canada, CBC Northern Quebec Svc	English	9625na			
0500	0510		Tunisia, RTV/R Tunisia	Arabic	12005me	17735me		
0500	0515	f	Canada, Bible Voice Broadcasting	Arabic	9735me			
0500	0515	Sun	Nepal, R Nepal	Maithili	5005do			
0500	0515	mtwhf	Nepal, R Nepal	Sherpa	5005do			
0500	0520	sm	Vatican City State, Vatican R	Finnish	9810eu	11740eu		
0500	0520	twhs	Vatican City State, Vatican R	Swedish	9810eu	11740eu		
0500	0526	DRM	Romania, R Romania Intl	French	11830eu			
0500	0526		Romania, R Romania Intl	French	9700eu	15340eu		17770eu
0500	0527		Germany, Deutsche Welle	English	5925af			
0500	0527		Iran, VO Islamic Rep of Iran	Arabic	6025as	11660as		11760as 12080as
0500	0527		Iran, VO Islamic Rep of Iran	Azeri	11670as			
0500	0527		Iran, VO Islamic Rep of Iran	Russian	13750va	15480va		17655as 21520va
0500	0528		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9555na			

0500	0530		Australia, ABC/R Australia	Indonesian	11700as	11745as		
0500	0530		Canada, Bible Voice Broadcasting	Arabic	11810af			
0500	0530	h	Canada, Bible Voice Broadcasting	Arabic	9735me			
0500	0530		China, Xinjiang PBS	Kyrgyz	7295do	9705do		
0500	0530	th	Clandestine, Ginbot 7 Dimts R	Amharic	5980af	6025af	7120af	7185af
					9700af			
0500	0530		Ecuador, HCJB/LV de los Andes	German (Low)	3995eu			
0500	0530		Germany, Deutsche Welle	English	9470af	9800af	9850af	11800af
0500	0530		India, All India R/External Svc	Arabic	15210me	15770me	17845me	
0500	0530		India, All India R/External Svc	Hindi	15120af	17715af		
0500	0530	DRM	India, All India R/External Svc	Hindi	15185af			
0500	0530		Japan, R Japan NHK World	English	5975va	6110na	11970va	
0500	0530		Japan, R Japan NHK World	Spanish	6080ca			
0500	0530		Pakistan, PBC/R Pakistan	Balti	7465as			
0500	0530		USA, BBG/R Farda	Farsi	9760as			
0500	0530		USA, BBG/R Free Afghanistan	Dari	17670as	17690as		
0500	0530		USA, BBG/Voice of America	Albanian	5945eu			
0500	0530		USA, BBG/Voice of America	Hausa	4960af	6035af	6095af	
0500	0530	Sat	Vatican City State, Vatican R	English	3975eu	6075eu	7250eu	9645eu
					11625af	13765af		
0500	0540		Clandestine, MND Radio	Korean	6435as	6550as		
0500	0555		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15170as	17895as		
0500	0555		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me			
0500	0555		Turkey, Voice of Turkey	Turkish	6040va	11980as		
0500	0557		Iran, VO Islamic Rep of Iran	Turkish	11860va	13710va		
0500	0557		North Korea, Korean Central BC Sta	Spanish	11735ca	13760sa	15180sa	
0500	0557		North Korea, Voice of Korea	Chinese	7220as	9345as	9730as	
0500	0557		North Korea, Voice of Korea	English	13650as	15100as		
0500	0559	Sat/Sun	UK, BBC World Service	Krwanda/Krundi	11925af			
0500	0600		Anguilla, University Network	English	6090na			
0500	0600		Australia, ABC NT Alice Springs	English	4835do			
0500	0600		Australia, ABC NT Katherine	English	5025do			
0500	0600		Australia, ABC NT Tennant Creek	English	4910do			
0500	0600		Australia, ABC/R Australia	English	13630pa	15240pa	15415pa	15515pa
					21725as			
0500	0600		Australia, R Symban	Greek	2369do			
0500	0600		Austria, Radio O1 International	German	6155va			
0500	0600		Bahrain, R Bahrain	Arabic	9745me			
0500	0600		Bahrain, R Bahrain	English	6010me			
0500	0600		Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu			
0500	0600		Benin, ORTB	French/Yoruba/vernaculars		5025do		
0500	0600		Bhutan, Bhutan BC Svc	English	5030do	6035do		
0500	0600		Brazil, R Alvorada/Londrina	Portuguese	4865do			
0500	0600		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0500	0600		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0500	0600		Brazil, R Brasil Central	Portuguese	4985do	11815do		
0500	0600		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0500	0600		Brazil, R Capital	Portuguese	6070do			
0500	0600		Brazil, R Capixaba	Portuguese	4935do			
0500	0600		Brazil, R Clube do Para	Portuguese	4885do			
0500	0600		Brazil, R Cultura do Para	Portuguese	5045do			
0500	0600		Brazil, R Cultura Filadelfia	Portuguese	6105do			
0500	0600		Brazil, R Difusora/Macapá	Portuguese	4915do			
0500	0600		Brazil, R Educadora/Limeira	Portuguese	2380do			
0500	0600		Brazil, R Guaruja Paulista	Portuguese	5045do			
0500	0600		Brazil, R Imaculada Conceicao	Portuguese	4755do			
0500	0600		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0500	0600		Brazil, R Maria	Portuguese	4885do			
0500	0600		Brazil, R Mundial	Portuguese	3325do			
0500	0600		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0500	0600		Brazil, R Nove de Julho	Portuguese	9820do			
0500	0600		Brazil, R Novo Tempo	Portuguese	4895do			
0500	0600		Brazil, R Trans Mundial	Portuguese	5965do			
0500	0600		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0500	0600		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
0500	0600		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
0500	0600		Canada, CFRX Toronto ON	English	6070na			
0500	0600		Canada, CKZN St Johns NF	English	6160na			
0500	0600		Canada, CKZU Vancouver BC	English	6160na			
0500	0600		Central African Rep, R Centrafrique	French/Sango	5035do			
0500	0600		Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do		
0500	0600		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
0500	0600		China, China Huayi BC	Amoy/Chinese	6185do			
0500	0600		China, China Natl R/CNR11	Tibetan	9530do	11685do	15570do	
0500	0600		China, China Natl R/CNR13	Uyghur	13700do			
0500	0600		China, China R International	Arabic	9515af	9590me	11775af	17485va
0500	0600		China, China R International	Cantonese	15170as	15230as		
0500	0600		China, China R International	Chinese	13640as	15110as	15120as	15130as
					15170as	15785as		

0500	0600	China, China R International	English	6020na 15350as 17855va	6190na 15465as	11710af 17505va	11895as 17730va
0500	0600	China, China R International	German	15245eu	17720eu		
0500	0600	China, China R International	Russian	15445va	15665va		
0500	0600	China, China R International	Vietnamese	11640as	117740as		
0500	0600	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do	
0500	0600	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
0500	0600	China, CNR/VO Minorities/CNR8	Kazakh	11630do 15415do	11780do	11630do	12055do
0500	0600	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do		
0500	0600	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do	
0500	0600	China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
0500	0600	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do		
0500	0600	China, Hulun Buir PBS	Chinese	3900do			
0500	0600	China, Nei Menggu PBS	Chinese	7420do	9520do		
0500	0600	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0500	0600	China, Qing Hai PBS	Chinese	4750do	6145do	9780do	
0500	0600	China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do	
0500	0600	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
0500	0600	China, Tibet PBS	Chinese	4820do 11950do	5935do	6050do	11860do
0500	0600	China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do
0500	0600	China, Xinjiang PBS	Kazakh	7340do	9470do		
0500	0600	China, Xinjiang PBS	Uyghur	7205do 13670do	7275do	9560do	11885do
0500	0600	Clandestine, Denge Mezopotamya	Kurdish	11530as			
0500	0600	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0500	0600	Clandestine, R Dabanga	Sudanese Arabic	11650af	15400af	15550af	
0500	0600	Clandestine, R Damal/VO Somali People	Somali	15700af			
0500	0600	Clandestine, R Miraya FM	English/Arabic	11560af			
0500	0600	Clandestine, Sound of Hope R Intl	Chinese	11970as 13850as 16980as	12980as 14700as 17895as	13270as 15070as	13350as 16100as
0500	0600	Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
0500	0600	Colombia, La Voz de tu Conciencia	Spanish	6010do			
0500	0600	Colombia, R Alcaravan	Spanish	5910do			
0500	0600	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
0500	0600	Croatia, Voice of Croatia	Croatian/various	7410eu			
0500	0600	Cuba, R Havana Cuba	English	6010na	6050na	6060ca	6125am
0500	0600	Cuba, R Havana Cuba	Spanish	9810ca			
0500	0600	Cuba, R Rebelde	Spanish	5025na			
0500	0600	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0500	0600	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0500	0600	Egypt, R Cairo	Swahili	15610af			
0500	0600	Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
0500	0600	Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
0500	0600	Eq Guinea, Pan Am BC/R Africa	English	15190af			
0500	0600	Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do	
0500	0600	Ethiopia, Amhara State Reg R	Amharic	6090do			
0500	0600	Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
0500	0600	Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0500	0600	Ethiopia, R Oromiya	Oromo	6030do			
0500	0600	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
0500	0600	1st fa Finland, Scandinavian Weekend R	English/Finnish	11690eu			
0500	0600	Sat Finland, Scandinavian Weekend R	English/Finnish	5980eu			
0500	0600	DRM France, R France International	French	11700af	11605af	13695af	
0500	0600	France, R France International	French	3965eu			
0500	0600	Gabon, Africa No. 1	French	9580af			
0500	0600	Germany, AWR Europe	Arabic	15225va			
0500	0600	Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0500	0600	India, All India R/Gangtok	English/Hindi	6085do			
0500	0600	Sun India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		7325do		
0500	0600	Indonesia, RRI Jakarta	Indonesian	9680do			
0500	0600	Sun Indonesia, RRI Jambi	Indonesian	4925do			
0500	0600	Indonesia, RRI Nabire	Indonesian	7290do			
0500	0600	Iran, VO Islamic Rep of Iran	Dari	11940as	13740as		
0500	0600	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0500	0600	Japan, R Japan NHK World	Japanese	15195as 17700va	15325as	17560va	17585as
0500	0600	smtwh Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0500	0600	smtwh Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0500	0600	Kuwait, R Kuwait/General Svc	Arabic	5960me	15515as		
0500	0600	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0500	0600	Laos, LNR Natl Svc/Vientane	Lao	6130do			
0500	0600	Madagascar, R Natl Malagasy	French/Malagasy	6135do			
0500	0600	Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0500	0600	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0500	0600	Malaysia, RTM Kajang/Traxx FM	English	7295do			

0500	0600		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
0500	0600		Mexico, R Educacion	Spanish/English	6185do				
0500	0600		Mexico, R Mil Onda Corta	Spanish	6010do				
0500	0600		Mexico, R Transcontinental de America	Spanish	4800do				
0500	0600		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as			
0500	0600		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do		7260do	
0500	0600		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
0500	0600		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do				
0500	0600		Myanmar, Myanma R/Natl Pgm/Yangon	Burmese/vernaculars	9731do				
0500	0600		Myanmar, Thazin BC Sta	Burmese	9460do				
0500	0600		Myanmar, Thazin BC Sta	English	6030do				
0500	0600		Nepal, R Nepal	Nepali	5005do				
0500	0600		New Zealand, R New Zealand Intl	English	11725pa				
0500	0600	DRM	New Zealand, R New Zealand Intl	English	11675pa				
0500	0600		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
0500	0600		Nigeria, Voice of Nigeria	English	15120	ad			
0500	0600		Pakistan, PBC/R Pakistan	Urdu	15725va	17830va			
0500	0600		Papua New Guinea, R Fly	Tok Pisin/English	3915do				
0500	0600		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
0500	0600		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0500	0600		Peru, R Union	Spanish	6115do				
0500	0600		Peru, R Victoria	Spanish	6020do	9720do			
0500	0600		Peru, R Vision	Spanish	4790do				
0500	0600		Russia, R Rossii	Russian	12070eu				
0500	0600		Russia, Voice of Russia	English	13755na				
0500	0600		Russia, Voice of Russia	Kurdish	15760me				
0500	0600		Russia, Voice of Russia	Russian	11965as				
0500	0600		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
0500	0600		Saudi Arabia, BSKSA/External Svc	Swahili	15285af				
0500	0600		Solomon Islands, SIBC	English/Pidgin	5020do				
0500	0600		South Africa, Channel Africa	English	7230af				
0500	0600		South Africa, R Sonder Grense	Afrikaans	3320do	7285do			
0500	0600		South Korea, 1st Global Korean Netwk	Korean	6015as				
0500	0600		Spain, R Exterior de Espana	Spanish	3350ca	5965sa	6055na	9630na	
					11890me	12035eu			
0500	0600	DRM	Spain, R Exterior de Espana	Spanish	9780eu				
0500	0600		Sudan, Sudan R	Arabic	7200do				
0500	0600	Sat/Sun	Swaziland, TWR Africa	English	3200af				
0500	0600		Swaziland, TWR Africa	English	9500af				
0500	0600		Taiwan, R Taiwan Intl	Chinese	11640as	11665as	11885as	15290as	
					15245as				
0500	0600		Taiwan, R Taiwan Intl	English	5950na				
0500	0600		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0500	0600		Tajikistan, VO Tajik	Farsi	7245me				
0500	0600		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
0500	0600		Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do				
0500	0600		Tunisia, RTV/R Tunisia	Arabic	7275eu				
0500	0600		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
0500	0600		UK, BBC World Service	Arabic	7325af	7375eu	9915af	11820me	
					13660me	15790af			
0500	0600		UK, BBC World Service	English	3255af	3955eu	5875af	6005af	
					6190af	9410af	11945af	12095me	
					15310as	15365as	15420af	17640as	
					17790as				
0500	0600	Sat	UK, BBC World Service	Krwanza/Krundi	15490af				
0500	0600		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0500	0600		USA, BBG/R Farda	Farsi	7220as	15680as	15690as	17840as	
0500	0600		USA, BBG/R Free Asia	Mandarin	13760as	15615as	15635as	15660as	
					17615as	17855as	21580as	21710as	
0500	0600		USA, BBG/R Free Europe/R Liberty	Russian	9480eu	11850eu	17560eu		
0500	0600		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	9635as				
0500	0600	twhfaf	USA, BBG/R Marti	Spanish	6030ca	7405ca			
0500	0600		USA, BBG/VOA R Mashaal	Pashto	15560as	12130as	15740as		
0500	0600		USA, BBG/Voice of America	English	4930af	6080af	12025af	15580af	
0500	0600		USA, BBG/Voice of America	Kurdish	11905as	15130as	17870as		
0500	0600		USA, BBG/Voice of America	Tibetan	15265as	15605as	17735as		
0500	0600		USA, FBN/WTJC Newport NC	English	9370na				
0500	0600	Sat	USA, Overcomer Ministry	English	15750af				
0500	0600		USA, WBCQ Monticello ME	English	9330am				
0500	0600		USA, WEWN/EWTN Irondale AL	English	11520af				
0500	0600		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870sa			
0500	0600		USA, WHRI Cypress Creek SC	English	5920am	7385na	9825va		
0500	0600		USA, WRMI Miami FL	English/Spanish	9955am				
0500	0600		USA, WTWW Lebanon TN	English	5755va				
0500	0600		USA, WWCR Nashville TN	English	3215eu	4840na	5890af	5935af	
0500	0600		USA, WWRB Manchester TN	English	3185na				
0500	0600		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0500	0600		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0500	0600		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			

0500	0600		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars	7435do		9635do	
0500	0600		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars	9530do		9850do	
0500	0600		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do			
0500	0600		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do			
0500	0600		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars	9850do			
0500	0600		Yemen, Rep of Yemen R	Arabic	6135me		9780me	
0500	0600		Zambia, Christian Voice	English	6065af			
0500	0600		Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do		6165do	
0500	0600		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona	6045do			
0529	0600		UK, BBC World Service	Hausa	6135af		7305af	
0529	0600	Sun	UK, BBC World Service	Krwan/Krundi	15490af			
0530	0556	DRM	Romania, R Romania Intl	English	11875eu			
0530	0556		Romania, R Romania Intl	English	9700eu	17760eu		21500eu
0530	0557		Germany, Deutsche Welle	English	9800af	11800af		
0530	0557		Germany, Deutsche Welle	Portuguese	9470af	12045af		
0530	0600		Australia, ABC/R Australia	English	17750as			
0530	0600		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0530	0600		China, Xinjiang PBS	Mongolian	7230do	9510do		
0530	0600	Sun	Clandestine, Ginbot 7 Dimts R	Amharic	5980af	6025af	7120af	7185af
					9700af			
0530	0600	mtwhf	Clandestine, Hamada R International	Hausa	9610af			
0530	0600		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
0530	0600		Ecuador, HCJB/LV de los Andes	Russian	3995eu			
0530	0600		France, R France International	Swahili	11790af			
0530	0600		Germany, Deutsche Welle	Portuguese	9800af	17800af		
0530	0600		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		7335do		
0530	0600		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7240do		
0530	0600		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
0530	0600		Iran, VO Islamic Rep of Iran	Bosnian	15320eu	17660eu		
0530	0600		Iran, VO Islamic Rep of Iran	Spanish	15530eu	17530sa		
0530	0600		Japan, R Japan NHK World	French	11730af	13840af		
0530	0600		Japan, R Japan NHK World	Russian	11760as			
0530	0600		Myanmar, Rakhin BC Sta	Geba	9590do			
0530	0600		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0530	0600		Pakistan, PBC/R Pakistan	Sheena	7465as			
0530	0600		Philippines, FEBC Philippines	Zhuang	15455as			
0530	0600		Thailand, R Thailand World Svc	English	17770eu			
0530	0600		UK, BBC World Service	Hausa	9440af			
0530	0600		USA, BBG/R Farda	Farsi	13860as			
0530	0600		USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as	
0530	0600	mtwhf	USA, BBG/Voice of America	French	4960af	6095af	9880af	13830af
0530	0600		USA, WRMI/R Prague relay	Spanish	9955ca			
0530	0600		Vatican City State, Vatican R	Latin (Mass)	3975eu	6075eu	7250eu	9645eu
					15595eu			
0530	0600		Vatican City State, Vatican R	Portuguese	11625af	13765af	15670af	
0544	0559	mtwhf	Austria, TWR Europe	Polish	7225eu			
0545	0600		Brazil, R Itatiaia	Portuguese	5970do			
0545	0600	mtwhf	Germany, TWR Europe	Polish	5910eu			
0555	0600		Guinea, RTV Guinee	French/vernacular	7125do			
0555	0600		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		

0600 UTC - 2AM EDT / 1AM CDT / 11PM PDT

0600	0605	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0600	0615		Austria, Radio O1 International	German	6155va			
0600	0615		Germany, R Dardasha 7	Arabic	11655af			
0600	0615		Pakistan, PBC/R Pakistan	Sheena	7465as			
0600	0615		USA, WHRI Cypress Creek SC	French	11910va			
0600	0615		Vatican City State, Vatican R	Italian	3975eu			
0600	0615	mtwhfa	Vatican City State, Vatican R	Italian	6075eu	7250eu	9645eu	15595eu
0600	0620		Tunisia, RTV/R Tunisia	Arabic	7275eu			
0600	0626	DRM	Romania, R Romania Intl	German	7230eu			
0600	0626		Romania, R Romania Intl	German	9700eu			
0600	0627		Germany, Deutsche Welle	English	15275af			
0600	0627		Iran, VO Islamic Rep of Iran	Bosnian	15320eu	17660eu		
0600	0627		Iran, VO Islamic Rep of Iran	Dari	11940as	13740as		
0600	0627		Iran, VO Islamic Rep of Iran	Spanish	15530eu	17530sa		
0600	0629		UK, BBC World Service	French	6135af	7305af	11865af	15490af
0600	0630		Australia, ABC/R Australia	Indonesian	15290as			
0600	0630		France, R France International	Hausa	13750af	15340af		
0600	0630		Germany, Deutsche Welle	English	13780af	17820af		
0600	0630		Japan, R Japan NHK World	Arabic	11975me			
0600	0630		Myanmar, Rakhin BC Sta	Geba	9590do			
0600	0630		Myanmar, Thazin BC Sta	Burmese	9460do			
0600	0630		Myanmar, Thazin BC Sta	English	6030do			
0600	0630		USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as	
0600	0630	mtwhf	USA, BBG/Voice of America	French	4960af	6095af	9880af	13830af
0600	0630	Sat/Sun	USA, WRMI/R Prague relay	English	9955ca			
0600	0630		Vatican City State, Vatican R	French	11625af	13765af	15570af	

0600	0640		Clandestine, MND Radio	Korean	5410as	6300as			
0600	0645	mtwhf	Vatican City State, Vatican R	English	9955na				
0600	0650		New Zealand, R New Zealand Intl	English	11725pa				
0600	0650	DRM	New Zealand, R New Zealand Intl	English	11675pa				
0600	0655		Saudi Arabia, BSKSA/External Svc	Swahili	15285af				
0600	0655		South Africa, Channel Africa	English	15255af				
0600	0657		Iran, VO Islamic Rep of Iran	Hausa	17750af				
0600	0657		North Korea, Voice of Korea	Chinese	13650as	15100as			
0600	0657		North Korea, Voice of Korea	English	7220as	9345as	9730as		
0600	0657		North Korea, Voice of Korea	French	11735ca	13760sa	15180sa		
0600	0700		Anguilla, University Network	English	6090na				
0600	0700		Australia, ABC NT Alice Springs	English	4835do				
0600	0700		Australia, ABC NT Katherine	English	5025do				
0600	0700		Australia, ABC NT Tennant Creek	English	4910do				
0600	0700		Australia, ABC/R Australia	English	11945pa	13630pa	15240pa	15415pa	
					17750as	21725as			
0600	0700		Australia, R Symban	Greek	2369do				
0600	0700		Bahrain, R Bahrain	Arabic	9745me				
0600	0700		Bahrain, R Bahrain	English	6010me				
0600	0700		Bangladesh Betar/Home Svc	English/Bengali	4750as				
0600	0700		Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu				
0600	0700		Benin, ORTB	French/Yoruba/vernaculars		5025do			
0600	0700		Bhutan, Bhutan BC Svc	Shar chop	5030do	6035do			
0600	0700		Brazil, R Alvorada/Londrina	Portuguese	4865do				
0600	0700		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
0600	0700		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
0600	0700		Brazil, R Boa Vontade	Portuguese	6160do	9550do			
0600	0700		Brazil, R Brasil Central	Portuguese	4985do	11815do			
0600	0700		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
0600	0700		Brazil, R Capital	Portuguese	6070do				
0600	0700		Brazil, R Capixaba	Portuguese	4935do				
0600	0700		Brazil, R Clube do Para	Portuguese	4885do				
0600	0700		Brazil, R Cultura do Para	Portuguese	5045do				
0600	0700		Brazil, R Cultura Filadelfia	Portuguese	6105do				
0600	0700		Brazil, R Difusora/Londrina	Portuguese	4815do				
0600	0700		Brazil, R Difusora/Macapá	Portuguese	4915do				
0600	0700		Brazil, R Educadora/Limeira	Portuguese	2380do				
0600	0700		Brazil, R Guarujá Paulista	Portuguese	5045do				
0600	0700		Brazil, R Imaculada Conceicao	Portuguese	4755do				
0600	0700		Brazil, R Inconfidencia	Portuguese	6010do	15190do			
0600	0700		Brazil, R Itatiaia	Portuguese	5970do				
0600	0700		Brazil, R Maria	Portuguese	4885do				
0600	0700		Brazil, R Meteorologia Paulista	Portuguese	4845do				
0600	0700		Brazil, R Mundial	Portuguese	3325do				
0600	0700		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
0600	0700		Brazil, R Nove de Julho	Portuguese	9820do				
0600	0700		Brazil, R Novo Tempo	Portuguese	4895do				
0600	0700		Brazil, R Trans Mundial	Portuguese	5965do				
0600	0700		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0600	0700		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
0600	0700		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
0600	0700		Canada, CFRX Toronto ON	English	6070na				
0600	0700		Canada, CFVP Calgary AB	English	6030na				
0600	0700		Canada, CKZN St Johns NF	English	6160na				
0600	0700		Canada, CKZU Vancouver BC	English	6160na				
0600	0700		Central African Rep, R Centrafrique	French/Sango	5035do				
0600	0700		Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do			
0600	0700		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
0600	0700		China, China Huayi BC	Amoy/Chinese	6185do				
0600	0700		China, China Natl R/CNR11	Tibetan	9530do	11685do	15570do		
0600	0700		China, China Natl R/CNR13	Uyghur	13700do				
0600	0700	mwhfas	China, China Natl R/CNR13	Uyghur	15390do				
0600	0700		China, China R International	Arabic	9515af	9590me	11775af	17485va	
0600	0700		China, China R International	Chinese	15120as	15170as	15230as	15785as	
					17615as	17650eu	17740as		
0600	0700		China, China R International	English	11710af	11870me	11895as	13660as	
					15140me	15350as	15465as	17505va	
					17710as				
0600	0700		China, China R International	French	17865eu				
0600	0700		China, China R International	German	15245eu	17720eu			
0600	0700		China, China R International	Italian	17515eu				
0600	0700		China, China R International	Spanish	17680eu				
0600	0700		China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do		
0600	0700		China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do			
0600	0700		China, CNR/VO Minorities/CNR8	Korean	9440do	9610do			
0600	0700		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do			
0600	0700		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do		
0600	0700		China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
0600	0700		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do			
0600	0700		China, Hulun Buir PBS	Chinese	3900do				

0600	0700		China, Nei Menggu PBS	Chinese	7420do	9520do		
0600	0700		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0600	0700		China, Qing Hai PBS	Chinese	4750do	6145do	9780do	
0600	0700		China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do	
0600	0700		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
0600	0700		China, Tibet PBS	Chinese	4820do	5935do	6050do	11860do
					11950do			
0600	0700		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	9490do	9580do
0600	0700		China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do
0600	0700		China, Xinjiang PBS	Kazakh	7340do	9470do		
0600	0700		China, Xinjiang PBS	Mongolian	7230do	9510do		
0600	0700		China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do
					13670do			
0600	0700		Clandestine, Denge Mezopotamya	Kurdish	11530as			
0600	0700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0600	0700		Clandestine, R Damal/VO Somali People	Somali	15700af			
0600	0700		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as
					13850as	14700as	15070as	16100as
					16980as	17895as		
0600	0700		Clandestine, VO South Sudan Revol R	Sudanese Arabic/English		15725as		
0600	0700		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
0600	0700		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0600	0700		Colombia, R Alcaravan	Spanish	5910do			
0600	0700		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
0600	0700		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
0600	0700		Croatia, Voice of Croatia	Croatian/various	7410eu			
0600	0700		Cuba, R Havana Cuba	English	6010na	6050na	6060ca	6125am
0600	0700		Cuba, R Rebelde	Spanish	5025na			
0600	0700		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0600	0700		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0600	0700		Ecuador, HCJB/LV de los Andes	German	3995eu			
0600	0700		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
0600	0700		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
0600	0700		Eq Guinea, Pan Am BC/R Africa	English	15190af			
0600	0700		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do	
0600	0700		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
0600	0700		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0600	0700		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
0600	0700	1st fa	Finland, Scandinavian Weekend R	English/Finnish	11690eu			
0600	0700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu			
0600	0700		France, R France International	French	9790af	11605af	11700af	13695af
					15300af			
0600	0700	DRM	France, R France International	French	3965eu			
0600	0700		Gabon, Africa No. 1	French	9580af			
0600	0700		Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al		
0600	0700	Sat	Germany, R 700/Pur Radio 1	Dutch	6085eu			
0600	0700		Guinea, RTV Guinee	French/vernacular	7125do			
0600	0700		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0600	0700		India, All India R/Gangtok	English/Hindi	6085do			
0600	0700		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			7280do	
0600	0700		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7240do		
0600	0700		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		6110do		
0600	0700		Indonesia, RRI Jakarta	Indonesian	9680do			
0600	0700	Sun	Indonesia, RRI Jambi	Indonesian	4925do			
0600	0700		Indonesia, RRI Nabire	Indonesian	7290do			
0600	0700		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
0600	0700		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0600	0700		Japan, R Japan NHK World	Japanese	15195as	15325as	17560va	17585as
					17700va			
0600	0700	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0600	0700		Kuwait, R Kuwait/General Svc	Arabic	5960me	15515as		
0600	0700		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0600	0700		Laos, LNR Natl Svc/Vientane	Hmong	6130do			
0600	0700		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0600	0700		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
0600	0700		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan		6050do		
0600	0700		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0600	0700		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0600	0700		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0600	0700		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
0600	0700		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
0600	0700		Mexico, R Educacion	Spanish/English	6185do			
0600	0700		Mexico, R Mil Onda Corta	Spanish	6010do			
0600	0700		Mexico, R Transcontinental de America	Spanish	4800do			
0600	0700		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0600	0700		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0600	0700		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0600	0700		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do			

0600	0700		Myanmar, Myanma R/Natl Pgm/Yangon	Burmese/vernaculars	9731do				
0600	0700		Nepal, R Nepal	Nepali	5005do				
0600	0700		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
0600	0700		Nigeria, Voice of Nigeria	English	15120af				
0600	0700		Pakistan, PBC/R Pakistan	Urdu	15725va		17830va		
0600	0700		Papua New Guinea, R Buka	Tok Pisin	3325do				
0600	0700		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do			
0600	0700		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do				
0600	0700		Papua New Guinea, R East Sepik	Tok Pisin	3335do				
0600	0700		Papua New Guinea, R Fly	English	3915do				
0600	0700		Papua New Guinea, R Fly	Tok Pisin/English	3915do				
0600	0700		Papua New Guinea, R Madang	Tok Pisin	3260do				
0600	0700		Papua New Guinea, R Manus	Tok Pisin	3315do				
0600	0700		Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
0600	0700		Papua New Guinea, R New Ireland	Tok Pisin	3905do				
0600	0700		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
0600	0700		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
0600	0700		Papua New Guinea, R Western	Tok Pisin/English	3305do				
0600	0700		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
0600	0700		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0600	0700		Peru, R Union	Spanish	6115do				
0600	0700		Peru, R Victoria	Spanish	6020do	9720do			
0600	0700		Peru, R Vision	Spanish	4790do				
0600	0700		Philippines, FEBC Philippines	Chinese	15450as				
0600	0700		Russia, R Rossii	Russian	12070eu				
0600	0700		Russia, Voice of Russia	English	21800pa				
0600	0700	DRM	Russia, Voice of Russia	English	11830eu				
0600	0700		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
0600	0700		Saudi Arabia, BSKSA/First General Pgm	Arabic	17730af	17740eu			
0600	0700		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17895as			
0600	0700		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
0600	0700		Solomon Islands, SIBC	English/Pidgin	5020do				
0600	0700		South Africa, Channel Africa	English	7230af				
0600	0700		South Africa, R Sonder Grense	Afrikaans	3320do	7285do			
0600	0700		South Korea, KBS World R	Spanish	6045eu				
0600	0700		South Korea, 1st Global Korean Netwk	Korean	6015as				
0600	0700		Spain, R Exterior de Espana	Spanish	5965sa	11890me	12035eu		
0600	0700	DRM	Spain, R Exterior de Espana	Spanish	9780eu				
0600	0700		Sudan, Sudan R	Arabic	7200do				
0600	0700		Swaziland, TWR Africa	English	6120af	9500af			
0600	0700	Sat/Sun	Swaziland, TWR Africa	English	3200af				
0600	0700		Taiwan, R Taiwan Intl	Spanish	5950ca				
0600	0700		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0600	0700		Tajikistan, VO Tajik	Dari	7245as				
0600	0700		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Russian		4765do			
0600	0700		Tunisia, RTV/R Tunisia	Arabic	7335af				
0600	0700		Turkey, Voice of Turkey	Turkish	11750as	11955va	13635va		
0600	0700		Uganda, UBC Radio	English/Swahili/vernaculars		7195do			
0600	0700		UK, BBC World Service	Arabic	7375eu	11680af	11820va	13660va	
					15790af				
0600	0700		UK, BBC World Service	English	5875eu	6005af	6190af	7355eu	
					9410af	12095va	15105af	15310as	
					17640af	17790as			
0600	0700	mtwhf	UK, BBC World Service	English	15420af				
0600	0700		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0600	0700		USA, BBG/R Farda	Farsi	7220as	13860as	15680as	15690as	
					17840as				
0600	0700		USA, BBG/R Free Asia	Mandarin	13760as	15635as	17495as	17615as	
					17855as	21720as			
0600	0700		USA, BBG/R Free Asia	Tibetan	17510as	17765as	21500as	21690as	
0600	0700		USA, BBG/R Free Europe/R Liberty	Russian	9480eu	11850eu	17560eu		
0600	0700	twhfas	USA, BBG/R Marti	Spanish	6030ca	7405ca			
0600	0700		USA, BBG/VOA R Mashaal	Pashto	12130as	15360as	15740as		
0600	0700		USA, BBG/Voice of America	English	6080af	12025af	15580af		
0600	0700		USA, FBN/WTJC Newport NC	English	9370na				
0600	0700	Sat	USA, Overcomer Ministry	English	15750af				
0600	0700		USA, WBCQ Monticello ME	English	9330am				
0600	0700		USA, WEWN/EWTN Irondale AL	English	11520af				
0600	0700		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870sa			
0600	0700		USA, WHRI Cypress Creek SC	English	5920am	7385na	11910va		
0600	0700		USA, WRMI Miami FL	English/Spanish	9955am				
0600	0700		USA, WTTW Lebanon TN	English	5755va				
0600	0700		USA, WWCN Nashville TN	English	3215eu	4840na	5890af	5935af	
0600	0700		USA, WWRB Manchester TN	English	3185na				
0600	0700		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0600	0700		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0600	0700		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
0600	0700		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
0600	0700		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			

0600	0700		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do				
0600	0700		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do				
0600	0700		Yemen, Rep of Yemen R	Arabic	6135me				
0600	0700		Zambia, Christian Voice	English	6065af				
0600	0700		Zambia, CVC Intl/1 Africa	English	13590af				
0600	0700		Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do		6165do		
0605	0620	Sun	USA, FBN/WTJC Newport NC	Spanish	9370na				
0610	0700		India, All India R/Chennai	English/Hindi	7380do				
0610	0700		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	7420do				
0610	0700		Russia, Tatarstan Wave	Tatar/Russian	9690eu				
0610	0700	Sun	Vatican City State, Vatican R	Romanian (Liturgy/Holy Days)	7250eu		9645eu		
0610	0700	Sun	Vatican City State, Vatican R	Ukrainian (Liturgy)	9850eu	11740eu			
0615	0630	mtwhfa	Vatican City State, Vatican R	French	3975eu	6075eu	7250eu	9645eu	
					15595eu				
0617	0630	Sun	Nepal, R Nepal	English	5005do				
0620	0700		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	7230do				
0629	0700		UK, BBC World Service	Hausa	9440af	11800af	15515af		
0630	0645		India, All India R/Guwahati	English	7280do				
0630	0645		India, All India R/Hyderabad	English	7420do				
0630	0645		India, All India R/Kurseong	English	7230do				
0630	0645		India, All India R/Mumbai	English	7240do				
0630	0645		India, All India R/Thiruvananthapuram	English	7290do				
0630	0645	mtwhfa	Vatican City State, Vatican R	English	3975eu	6075eu	7250eu	9645eu	
					15595eu				
0630	0656		Romania, R Romania Intl	Arabic	11790af	15180af	15400af	17575af	
0630	0700		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu	7210do				
0630	0700		Germany, Deutsche Welle	English	13780af	17820af			
0630	0700		Germany, Deutsche Welle	Hausa	12045af	15275af	17620af		
0630	0700		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	7335do				
0630	0700		India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura	7290do				
0630	0700		Iran, VO Islamic Rep of Iran	Albanian	15510eu	17595eu			
0630	0700		Iran, VO Islamic Rep of Iran	French	17610eu	17890eu			
0630	0700		Iran, VO Islamic Rep of Iran	Italian	9770eu	15480eu	17665eu		
0630	0700		Myanmar, Myanma R/Padauk Myay/Music Pgm	Burmese/vernaculars	9590do				
0630	0700		Myanmar, Rakhin BC Sta	Kokang	9590do				
0630	0700		USA, BBG/R Free Afghanistan	Dari	17670as	17690as			
0630	0700		Vatican City State, Vatican R	English	11625af	13765af	15670af		
0635	0640		USA, FBN/WTJC Newport NC	Russian	9370na				
0640	0700		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	7325do				
0645	0700	mtwhf	Israel, Kol Israel	English	9955na				
0645	0700	mtwhfa	Vatican City State, Vatican R	Arabic	6075eu	7250eu	9645eu	15595eu	
0651	0700		New Zealand, R New Zealand Intl	English	11725pa				
0651	0700	DRM	New Zealand, R New Zealand Intl	English	9890pa				
0657	0700		India, All India R/Shillong	English/Hindi/Mizo/vernaculars	7315do				

0700 UTC - 3AM EDT / 2AM CDT / 12AM PDT

0700	0705	mtwhfa	Vatican City State, Vatican R	Arabic	6075eu	7250eu	9645eu	15595eu	
0700	0710		India, All India R/Delhi	Telegu	15185do	15260do			
0700	0715		Nepal, R Nepal	Nepali	5005do				
0700	0727		Iran, VO Islamic Rep of Iran	Albanian	15510eu	17595eu			
0700	0727		Iran, VO Islamic Rep of Iran	French	17610eu	17890eu			
0700	0727		Iran, VO Islamic Rep of Iran	Italian	9770eu	15480eu	17665eu		
0700	0729		UK, BBC World Service	French	11800af	15490af			
0700	0730		France, R France International	Hausa	13685af	15315af			
0700	0730		Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al			
0700	0730		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do				
0700	0730		Myanmar, Myanma R/Yangon	English	9731do				
0700	0730		Myanmar, Rakhin BC Sta	Kokang	9590do				
0700	0730		Philippines, FEBC Philippines	Pasemah	15580as				
0700	0730		USA, BBG/R Free Afghanistan	Dari	17670as	17690as			
0700	0730		USA, BBG/Voice of America	Hausa	4960af	11785af	17875af		
0700	0730	Sun	Vatican City State, Vatican R	Romanian (Liturgy/Holy Days)	7250eu	9645eu			
0700	0745	Sun	Vatican City State, Vatican R	Ukrainian (Liturgy)	9850eu	11740eu			
0700	0750		Austria, TWR Europe	English	6105eu				
0700	0750		Germany, TWR Europe	English	6105eu				
0700	0755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17895as			
0700	0755		Turkey, Voice of Turkey	Azeri	11830as				
0700	0756		Romania, R Romania Intl	Romanian	12010eu	15260eu	15760eu	17720eu	
0700	0756	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc	12010eu	15260eu	15260eu	15760eu	
					17720eu				
0700	0757		North Korea, Korean Central BC Sta	Russian	9975eu	11735eu	13760eu	15245eu	
0700	0757		North Korea, Pyongyang BC Sta	Korean	7220as	9345as			
0700	0757		North Korea, Voice of Korea	Japanese	9650as	11865as			
0700	0758		New Zealand, R New Zealand Intl	English	11725pa				
0700	0758	DRM	New Zealand, R New Zealand Intl	English	9890pa				
0700	0800		Albania, R Tirana	Albanian	7390eu				
0700	0800		Anguilla, University Network	English	6090na				
0700	0800		Australia, ABC NT Alice Springs	English	4835do				

0700	0800	Australia, ABC NT Katherine	English	5025do			
0700	0800	Australia, ABC NT Tennant Creek	English	4910do			
0700	0800	Australia, ABC/R Australia	English	7410pa	9475pa	9710pa	11945pa
				13630pa	15240pa		
0700	0800	Australia, R Symban	Greek	2369do			
0700	0800	Bahrain, R Bahrain	Arabic	9745me			
0700	0800	Bahrain, R Bahrain	English	6010me			
0700	0800	Bangladesh Betar/Home Svc	English/Bengali	4750as			
0700	0800	m/DRM Belgium, TDP Radio	English	6015eu			
0700	0800	Benin, ORTB	French/Yoruba/vernaculars		5025do		
0700	0800	Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
0700	0800	Brazil, Iguatemi	Portuguese	4975do			
0700	0800	Brazil, R Alvorada/Londrina	Portuguese	4865do			
0700	0800	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0700	0800	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0700	0800	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0700	0800	Brazil, R Brasil	Portuguese	4785do			
0700	0800	Brazil, R Brasil Central	Portuguese	4985do	11815do		
0700	0800	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0700	0800	Brazil, R Capital	Portuguese	6070do			
0700	0800	Brazil, R Capixaba	Portuguese	4935do			
0700	0800	Brazil, R Clube do Para	Portuguese	4885do			
0700	0800	Brazil, R Congonhas	Portuguese	4775do			
0700	0800	Brazil, R Cultura do Para	Portuguese	5045do			
0700	0800	Brazil, R Cultura Filadelfia	Portuguese	6105do			
0700	0800	Brazil, R Difusora/Londrina	Portuguese	4815do			
0700	0800	Brazil, R Difusora/Macapá	Portuguese	4915do			
0700	0800	Brazil, R Educadora/Limeira	Portuguese	2380do			
0700	0800	Brazil, R Guaíba	Portuguese	6000do	11785do		
0700	0800	Brazil, R Guarujá Paulista	Portuguese	5045do			
0700	0800	Brazil, R Imaculada Conceicao	Portuguese	4755do			
0700	0800	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0700	0800	Brazil, R Itatiaia	Portuguese	5970do			
0700	0800	Brazil, R Maria	Portuguese	4885do			
0700	0800	Brazil, R Marumby	Portuguese	6080do	9515do		
0700	0800	Brazil, R Meteorologia Paulista	Portuguese	4845do			
0700	0800	Brazil, R Mundial	Portuguese	3325do			
0700	0800	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0700	0800	Brazil, R Nove de Julho	Portuguese	9820do			
0700	0800	Brazil, R Record	Portuguese	6150do	9505do		
0700	0800	Brazil, R Trans Mundial	Portuguese	5965do			
0700	0800	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0700	0800	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
0700	0800	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
0700	0800	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
0700	0800	Canada, CFRX Toronto ON	English	6070na			
0700	0800	Canada, CFVP Calgary AB	English	6030na			
0700	0800	Canada, CKZN St Johns NF	English	6160na			
0700	0800	Canada, CKZU Vancouver BC	English	6160na			
0700	0800	Central African Rep, R Centrafrique	French/Sango	5035do			
0700	0800	Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do		
0700	0800	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
0700	0800	China, China Huayi BC	Amoy/Chinese	6185do			
0700	0800	China, China Natl R/CNR11	Tibetan	9530do	11685do	15570do	
0700	0800	China, China Natl R/CNR13	Uyghur	13700do			
0700	0800	mwhfas China, China Natl R/CNR13	Uyghur	15390do			
0700	0800	China, China R International	Cantonese	11640as	15230as		
0700	0800	China, China R International	Chaozhou	15145as	17560as		
0700	0800	China, China R International	Chinese	11785eu	17520as	17615as	17650as
				17740as			
0700	0800	China, China R International	English	11895as	13660as	13710eu	15125va
				15350as	15465as	17490eu	17540as
				17710as			
0700	0800	China, China R International	French	17865eu			
0700	0800	China, China R International	Spanish	17680eu			
0700	0800	China, CNR/VO Minorities/CNR11	Tibetan	9530do	11685do	15570do	
0700	0800	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
0700	0800	mthfas China, CNR/VO Minorities/CNR8	Mongolian	11780do	15415do		
0700	0800	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do		
0700	0800	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do	
0700	0800	China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
0700	0800	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do		
0700	0800	China, Nei Menggu PBS	Chinese	7420do	9520do		
0700	0800	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0700	0800	China, Qing Hai PBS	Chinese	4750do	6145do	9780do	
0700	0800	China, Qing Hai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do	
0700	0800	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
0700	0800	China, Tibet PBS	Chinese	4820do	5935do	6050do	11860do
				11950do			

0700	0800		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	9490do	9580do
0700	0800		China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do
0700	0800		China, Xinjiang PBS	Kazakh	7340do	9470do		
0700	0800		China, Xinjiang PBS	Mongolian	7230do	9510do		
0700	0800		China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do
					13670do			
0700	0800		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do		
0700	0800		Clandestine, Denge Mezopotamya	Kurdish	11530as			
0700	0800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0700	0800		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as
					13850as	14700as	15070as	16100as
					16980as	17895as		
0700	0800		Clandestine, VO South Sudan Revol R	Sudanese Arabic/English		15725as		
0700	0800		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
0700	0800		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0700	0800		Colombia, R Alcaravan	Spanish	5910do			
0700	0800		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
0700	0800		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
0700	0800		Croatia, Voice of Croatia	Croatian/various	7419eu			
0700	0800		Cuba, R Rebelde	Spanish	5025na			
0700	0800		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0700	0800		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0700	0800	mtwhfa	Ecuador, HCJB/LV de los Andes	English	3995eu			
0700	0800	Sun	Ecuador, HCJB/LV de los Andes	Spanish	3995eu			
0700	0800		Eqt Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
0700	0800		Eqt Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
0700	0800		Eqt Guinea, Pan Am BC/R Africa	English	15190af			
0700	0800		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
0700	0800		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do	
0700	0800		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
0700	0800		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0700	0800	1st fa	Finland, Scandinavian Weekend R	English/Finnish	11690eu			
0700	0800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	11720eu		
0700	0800		France, R France International	French	11700af	13695af	15170af	15300af
					17850af	21580af		
0700	0800	DRM	France, R France International	French	3965af			
0700	0800		Gabon, Africa No. 1	French	9580af			
0700	0800		Germany, AWR Europe	Arabic	15225va			
0700	0800		Germany, R 6150	German	6150eu			
0700	0800	Sat	Germany, R 700/Pur Radio 1	Dutch	6085eu			
0700	0800		Guinea, RTV Guinee	French/vernacular	7125do			
0700	0800		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0700	0800		India, All India R/Aizawl	Hindi	7295do			
0700	0800		India, All India R/Chennai	English/Hindi	7380do			
0700	0800		India, All India R/Delhi	Hindi	15260do			
0700	0800		India, All India R/External Svc	Nepali	7250as	7420as	9595as	11850as
0700	0800		India, All India R/Gangtok	English/Hindi	6085do			
0700	0800		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			7280do	
0700	0800		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		7420do		
0700	0800		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		7335do		
0700	0800		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		7325do		
0700	0800		India, All India R/Kolkata	Bengali/English/Hindi/Santhoni		7210do		
0700	0800		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		7230do		
0700	0800		India, All India R/Lucknow	English/Hindi/vernaculars		7440do		
0700	0800		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7240do		
0700	0800		India, All India R/Port Blair	English/Hindi/vernaculars		7390do		
0700	0800		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		6000do	6110do	
0700	0800		India, All India R/Shillong	English/Hindi/Mizo/vernaculars		7315do		
0700	0800		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		6020do		
0700	0800		India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura		7290do		
0700	0800		Indonesia, RRI Fak Fak	Indonesian	4790do			
0700	0800		Indonesia, RRI Jakarta	Indonesian	9680do			
0700	0800		Indonesia, RRI Nabire	Indonesian	7290do			
0700	0800		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
0700	0800		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0700	0800		Japan, R Japan NHK World	Japanese	6165as	9750as	15325as	17585as
					17700va			
0700	0800	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0700	0800	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0700	0800		Kuwait, R Kuwait/General Svc	Arabic	5960me	15515as		
0700	0800		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0700	0800		Laos, LNR Natl Svc/Vientane	Khmer	6130do			
0700	0800		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0700	0800		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
0700	0800		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan		6050do		
0700	0800		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0700	0800		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0700	0800		Malaysia, RTM Kajang/Wai FM	Malay	11665do			

0700	0800		Mali, ORTM/R Mali	Arabic/Bambara/English/French	5995do			
0700	0800		Mauritania, R Mauritanie	Arabic/French/vernaculars	7245do	4845al		
0700	0800		Mexico, R Mil Onda Corta	Spanish	6010do			
0700	0800		Mexico, R Transcontinental de America	Spanish	4800do			
0700	0800		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0700	0800		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0700	0800		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0700	0800		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars	9705do			
0700	0800		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do			
0700	0800		Nigeria, Voice of Nigeria	French	15120af			
0700	0800		Papua New Guinea, R Buka	Tok Pisin	3325do			
0700	0800		Papua New Guinea, R Central	Tok Pisin/English/vernaculars	3290do			
0700	0800		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
0700	0800		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
0700	0800		Papua New Guinea, R Fly	English	3915do			
0700	0800		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0700	0800		Papua New Guinea, R Madang	Tok Pisin	3260do			
0700	0800		Papua New Guinea, R Manus	Tok Pisin	3315do			
0700	0800		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
0700	0800		Papua New Guinea, R New Ireland	Tok Pisin	3905do			
0700	0800		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars	3345do			
0700	0800		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
0700	0800		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
0700	0800		Papua New Guinea, R Western	Tok Pisin/English	3305do			
0700	0800		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0700	0800		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
0700	0800		Peru, R Union	Spanish	6115do			
0700	0800		Peru, R Victoria	Spanish	6020do	9720do		
0700	0800		Peru, R Vision	Spanish	4790do			
0700	0800		Philippines, FEBC Philippines	Chinese	15450as	15525as		
0700	0800		Russia, R Rossii	Russian	12070eu			
0700	0800		Russia, Voice of Russia	English	21800va			
0700	0800	DRM	Russia, Voice of Russia	English	11830eu			
0700	0800		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
0700	0800		Saudi Arabia, BSKSA/First General Pgm	Arabic	17730af	17740eu		
0700	0800		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me			
0700	0800		Solomon Islands, SIBC	English/Pidgin	5020do			
0700	0800		South Africa, Channel Africa	English	9625af			
0700	0800		South Africa, R Sonder Grense	Afrikaans	3320do	7285do		
0700	0800		South Korea, KBS World R	Korean	9860eu			
0700	0800		South Korea, 1st Global Korean Netwk	Korean	6015as			
0700	0800		Spain, R Exterior de Espana	Spanish	5965sa	12035eu		
0700	0800	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0700	0800		Sudan, Sudan R	Arabic	7200do			
0700	0800		Swaziland, TWR Africa	English	6120af	9500af		
0700	0800	Sat/Sun	Swaziland, TWR Africa	English	3200af			
0700	0800		Tajikistan, R Tojikiston/TR1	Russian	4765as			
0700	0800		Tajikistan, VO Tajik	Dari	7245as			
0700	0800		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Russian	4765do			
0700	0800		Tunisia, RTV/R Tunisia	Arabic	7335af			
0700	0800		Turkey, Voice of Turkey	Turkish	11750as	11955va	13635va	
0700	0800		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
0700	0800		Uganda, UBC Radio	English/Swahili/vernaculars	7195do			
0700	0800		UK, BBC World Service	Arabic	13660af	15790af		
0700	0800		UK, BBC World Service	English	5875eu	6190af	7355eu	11760me
					11770af	12095af	15310as	15400af
					15575me	17640af	17790as	17830af
0700	0800		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	
0700	0800		USA, BBG/R Farda	Farsi	7220as	13860as	15680as	15690as
					17840as			
0700	0800	twhfes	USA, BBG/R Marti	Spanish	5980ca	6030ca		
0700	0800		USA, BBG/VOA R Mashaal	Pashto	12130as	15360as	15740as	
0700	0800		USA, FBN/WTJC Newport NC	English	9370na			
0700	0800	Sat	USA, Overcomer Ministry	English	15750af			
0700	0800		USA, WBCQ Monticello ME	English	9330am			
0700	0800		USA, WEWN/EWTN Irontdale AL	English	11520af			
0700	0800		USA, WEWN/EWTN Irontdale AL	Spanish	7555ca	11870sa		
0700	0800		USA, WHRI Cypress Creek SC	English	5920am	7385na		
0700	0800		USA, WRMI Miami FL	English/Spanish	9955am			
0700	0800		USA, WTWW Lebanon TN	English	5755va			
0700	0800		USA, WWCR Nashville TN	English	3215eu	4840na	5890af	5935af
0700	0800		USA, WWRB Manchester TN	English	3185na			
0700	0800		USA, WYFR/Family R Worldwide	Vietnamese	11630as			
0700	0800		Uzbekistan, CVC/The Voice Asia	Hindi	13630as			
0700	0800		Vanuatu, R Vanuatu	English/French/Bislama	3945do	5055do		
0700	0800		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars	7210do			
0700	0800		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars	5975do			
0700	0800		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars	7435do	9635do		
0700	0800		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars	9530do			

0700	0800	Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do			
0700	0800	Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do			
0700	0800	Zambia, Christian Voice	English	6065af			
0700	0800	Zambia, CVC Intl/1 Africa	English	13590af			
0700	0800	Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do	6165do		
0700	0800	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona	6045do			
0710	0720	India, All India R/Delhi	Tamil	15185do	15260do		
0715	0800	Nepal, R Nepal	Nepali	5005do			
0720	0740	India, All India R/Delhi	Malayalam	15185do	15260do		
0730	0745	India, All India R/Aizawl	English	5050do			
0730	0745	India, All India R/Delhi	English	6190do	11710do	15185do	15260do
0730	0745	India, All India R/Guwahati	English	7280do			
0730	0745	India, All India R/Imphal	English	7335do			
0730	0745	India, All India R/Jaipur	English	7325do			
0730	0745	India, All India R/Kolkata	English	7210do			
0730	0745	India, All India R/Kurseong	English	7230do			
0730	0745	India, All India R/Shimla	English	6020do			
0730	0800	Australia, HCJB Global Australia	English	11750as			
0730	0800	Clandestine, R Sedayee Kashmir	Kashmiri	6100as			
0730	0800	India, All India R/Chennai	English	4920do			
0730	0800	India, All India R/Delhi	Hindi	6190do			
0730	0800	Iran, VO Islamic Rep of Iran	German	15500eu	17610eu		
0730	0800	Iran, VO Islamic Rep of Iran	Pashto	13740as	15440as		
0730	0800	Myanmar, Rakhin BC Sta	Karen	9590do			
0730	0800	Philippines, FEBC Philippines	Komerling	15580as			
0730	0800	USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as	
0730	0800	Sun Vatican City State, Vatican R	Italian (Mass)	7250eu			
0740	0750	India, All India R/Delhi	Kannada	15185do	15260do		
0745	0800	Indonesia, RRI Makassar	Indonesian	4750do			
0750	0800	India, All India R/Delhi	Gujarti	15185do	15260do		
0750	0800	Indonesia, RRI Kendari	Indonesian	3995do			
0750	0800	Indonesia, RRI Ternate	Indonesian	3345do			
0759	0800	New Zealand, R New Zealand Intl	English	6170pa			
0759	0800	DRM New Zealand, R New Zealand Intl	English	7440pa			

0800 UTC - 4AM EDT / 3AM CDT / 1AM PDT

0800	0810	Clandestine, R Sedayee Kashmir	Kashmiri	6100as			
0800	0810	India, All India R/Delhi	Bengali	15185do			
0800	0810	Tunisia, RTV/R Tunisia	Arabic	7335af			
0800	0810	Sun Vatican City State, Vatican R	Italian (Mass)	7250eu			
0800	0815	Indonesia, RRI Nabire	Indonesian	7290do			
0800	0815	w Italy, IRRS SW	Arabic	11910va			
0800	0820	India, All India R/Delhi	Marathi	15185do	15260do		
0800	0827	Iran, VO Islamic Rep of Iran	German	15500eu	17610eu		
0800	0827	Iran, VO Islamic Rep of Iran	Pashto	13740as	15440as		
0800	0830	Australia, ABC NT Alice Springs	English	4835do			
0800	0830	Australia, ABC NT Katherine	English	5025do			
0800	0830	Australia, ABC NT Tennant Creek	English	4910do			
0800	0830	Australia, HCJB Global Australia	English	11750as			
0800	0830	Sun Canada, Bible Voice Broadcasting	English	5945eu			
0800	0830	China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu	7210do			
0800	0830	France, R France International	English	9955na			
0800	0830	Germany, AWR Europe	French	15140af			
0800	0830	Germany, AWR Europe	Kabyle	15225af			
0800	0830	Germany, Deutsche Welle	Pashto	15640as	17710as		
0800	0830	Japan, R Japan NHK World	Russian	6165as			
0800	0830	Myanmar, Myanma R/Padauk Myay/Music Pgm	Burmese/vernaculars	9590do			
0800	0830	Myanmar, Rakhin BC Sta	Karen	9590do			
0800	0830	Philippines, FEBC Philippines	Hu	15450as			
0800	0830	mtw Philippines, FEBC Philippines	Madurese	15320as			
0800	0830	hfas Philippines, FEBC Philippines	Sasak	15320as			
0800	0830	UK, FEBA Radio	Arabic	15280me			
0800	0830	USA, BBG/R Farda	Farsi	7220as			
0800	0830	USA, BBG/R Free Afghanistan	Pashto	15680as	17670as	17690as	
0800	0835	mtwhfa Austria, Radio O1 International	German	13730pa			
0800	0845	Sat Canada, Bible Voice Broadcasting	English	5945eu			
0800	0850	North Korea, Voice of Korea	Japanese	9650as	11865as		
0800	0855	mwhfas China, China Natl R/CNR13	Uyghur	15390do			
0800	0855	Saudi Arabia, BSKSA/First General Pgm	Arabic	17730af	17740eu		
0800	0855	Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me			
0800	0855	Turkey, Voice of Turkey	Turkish	11750	as	11955va	13635va
0800	0856	Sun Romania, R Romania Intl	Romanian/Curierul Romanesc	12010eu	15450eu	15700eu	
				17860eu			
0800	0857	China, Tibet PBS	Chinese	11860do	11950do		
0800	0857	North Korea, Korean Central BC Sta	Russian	9975eu	11735eu	13760eu	15245eu
0800	0857	North Korea, Voice of Korea	Chinese	7220as	9345as		
0800	0900	Albania, R Tirana	Albanian	7390eu			
0800	0900	Anguilla, University Network	English	6090na			

0800	0900		Australia, ABC/R Australia	English	5995pa 9710pa	7410pa 11945pa	9475pa 15240pa	9580pa
0800	0900		Australia, R Symban	Greek	2369do			
0800	0900		Bahrain, R Bahrain	Arabic	9745me			
0800	0900		Bahrain, R Bahrain	English	6010me			
0800	0900		Bangladesh Betar/Home Svc	English/Bengali	4750as			
0800	0900	t/DRM	Belgium, TDP Radio	English	6015eu			
0800	0900		Benin, ORTB	French/Yoruba/vernaculars		5025do		
0800	0900	fa	Bolivia, R Fides	Spanish/Aymara	6155do			
0800	0900		Brazil, Iguatemi	Portuguese	4975do			
0800	0900		Brazil, R Alvorada/Londrina	Portuguese	4865do			
0800	0900		Brazil, R Anhanguera	Portuguese	4905do			
0800	0900		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0800	0900		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
0800	0900		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
0800	0900		Brazil, R Brasil	Portuguese	4785do			
0800	0900		Brazil, R Brasil Central	Portuguese	4985do	11815do		
0800	0900		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
0800	0900		Brazil, R Capital	Portuguese	6070do			
0800	0900		Brazil, R Capixaba	Portuguese	4935do			
0800	0900		Brazil, R Congonhas	Portuguese	4775do			
0800	0900		Brazil, R Cultura do Para	Portuguese	5045do			
0800	0900		Brazil, R Cultura Filadelfia	Portuguese	6105do			
0800	0900		Brazil, R Difusora Roraima	Portuguese	4875do			
0800	0900		Brazil, R Difusora/Caceres	Portuguese	5055do			
0800	0900		Brazil, R Difusora/Londrina	Portuguese	4815do			
0800	0900		Brazil, R Difusora/Macapá	Portuguese	4915do			
0800	0900		Brazil, R Educadora/Limeira	Portuguese	2380do			
0800	0900		Brazil, R Gaucha	Portuguese	6020do	11915do		
0800	0900		Brazil, R Gazeta	Portuguese	5955do	9685do		
0800	0900		Brazil, R Guaíba	Portuguese	6000do	11785do		
0800	0900		Brazil, R Guarujá Paulista	Portuguese	5045do			
0800	0900		Brazil, R Guarujá/Florianópolis	Portuguese	5980do			
0800	0900		Brazil, R Imaculada Conceicao	Portuguese	4755do			
0800	0900		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0800	0900		Brazil, R Itatiaia	Portuguese	5970do			
0800	0900		Brazil, R Maria	Portuguese	4885do			
0800	0900		Brazil, R Marumby	Portuguese	6080do	9515do		
0800	0900		Brazil, R Meteorologia Paulista	Portuguese	4845do			
0800	0900		Brazil, R Mundial	Portuguese	3325do			
0800	0900		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0800	0900		Brazil, R Nove de Julho	Portuguese	9820do			
0800	0900		Brazil, R Novo Tempo	Portuguese	4895do			
0800	0900		Brazil, R Record	Portuguese	6150do	9505do		
0800	0900		Brazil, R Trans Mundial	Portuguese	5965do			
0800	0900		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0800	0900		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
0800	0900		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
0800	0900		Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
0800	0900		Canada, CFRX Toronto ON	English	6070na			
0800	0900		Canada, CFVP Calgary AB	English	6030na			
0800	0900		Canada, CKZN St Johns NF	English	6160na			
0800	0900		Canada, CKZU Vancouver BC	English	6160na			
0800	0900		Central African Rep, R Centrafrique	French/Sango	5035do			
0800	0900		Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do		
0800	0900		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
0800	0900		China, China Huayi BC	Amoy/Chinese	6185do			
0800	0900		China, China Natl R/CNR11	Tibetan	9480do	9530do	11685do	
0800	0900		China, China Natl R/CNR13	Uyghur	13700do			
0800	0900		China, China R International	Chinese	9880as 15560va	11640as 17560va	11785eu 17650eu	15230as
0800	0900		China, China R International	English	11620as 15465as	11895as 15625va	13710eu 17490eu	15350as 17540as
0800	0900		China, China R International	Hausa	7295af			
0800	0900		China, China R International	Russian	15335va	15665va		
0800	0900		China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do	
0800	0900		China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
0800	0900	mthfas	China, CNR/VO Minorities/CNR8	Mongolian	5955do	11780do		
0800	0900		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	11905do	15710do		
0800	0900		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do	11935do	
0800	0900		China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
0800	0900		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do		
0800	0900		China, Nei Menggu PBS	Chinese	7420do	9520do		
0800	0900		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0800	0900		China, Qing Hai PBS	Chinese	4750do	6145do	9780do	
0800	0900		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
0800	0900		China, Tibet PBS	Chinese	4820do	5935do	6050do	
0800	0900		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	9490do	9580do
0800	0900		China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do

0800	0900	China, Xinjiang PBS	Kazakh	7340do	9470do		
0800	0900	China, Xinjiang PBS	Mongolian	7230do	9510do		
0800	0900	China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do
				13670do			
0800	0900	Clandestine, Denge Mezopotamya	Kurdish	11530as			
0800	0900	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0800	0900	Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as
				13850as	14700as	15070as	16100as
				16980as	17895as		
0800	0900	Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
				6518as	6600as		
0800	0900	Colombia, La Voz de tu Conciencia	Spanish	6010do			
0800	0900	Colombia, R Alcaravan	Spanish	5910do			
0800	0900	Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
0800	0900	Croatia, Voice of Croatia	Croatian/various	7410eu	11675pa		
0800	0900	Cuba, R Rebelde	Spanish	5025na			
0800	0900	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
0800	0900	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0800	0900	Eqt Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
0800	0900	Eqt Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
0800	0900	Eqt Guinea, Pan Am BC/R Africa	English	15190af			
0800	0900	Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
0800	0900	Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do	
0800	0900	Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali	9705do			
0800	0900	Ethiopia, R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do		
0800	0900	1st Sat Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11720eu	
0800	0900	DRM France, R France International	French	13695af	15300af	17620af	21580af
0800	0900	DRM France, R France International	French	3965af			
0800	0900	Gabon, Africa No. 1	French	9580af			
0800	0900	Germany, R 6150	German	6150eu			
0800	0900	Germany, R 700	German	3995eu			
0800	0900	Sat Germany, R 700/Pur Radio 1	Dutch	6085eu			
0800	0900	Guinea, RTV Guinee	French/vernacular	7125do			
0800	0900	Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0800	0900	India, All India R/Aizawl	Hindi	7295do			
0800	0900	India, All India R/Chennai	English/Hindi	7380do			
0800	0900	India, All India R/Delhi	Hindi	6190do	15260do		
0800	0900	India, All India R/External Svc	Bengali	7420as			
0800	0900	India, All India R/Gangtok	English/Hindi	6085do			
0800	0900	India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			7280do	
0800	0900	India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	7420do			
0800	0900	India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	7335do			
0800	0900	India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	7325do			
0800	0900	India, All India R/Kolkata	Bengali/English/Hindi/Santhani	7210do			
0800	0900	India, All India R/Lucknow	English/Hindi/vernaculars	7440do			
0800	0900	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi	7240do			
0800	0900	India, All India R/Port Blair	English/Hindi/vernaculars	7390do			
0800	0900	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	6000do	6110do		
0800	0900	India, All India R/Shillong	English/Hindi/Mizo/vernaculars	7315do			
0800	0900	India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	6020do			
0800	0900	India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura	7290do			
0800	0900	Indonesia, RRI Biak	Indonesian	4920do			
0800	0900	Indonesia, RRI Fak Fak	Indonesian	4790do			
0800	0900	Indonesia, RRI Jambi	Indonesian	4925do			
0800	0900	Indonesia, RRI Kendari	Indonesian	3995do			
0800	0900	Indonesia, RRI Makassar	Indonesian	4750do			
0800	0900	Indonesia, RRI Ternate	Indonesian	3345do			
0800	0900	Indonesia, RRI Wamena	Indonesian	4870do			
0800	0900	Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
0800	0900	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0800	0900	Sat Italy, IRRS SW	English	9510va			
0800	0900	Japan, R Japan NHK World	Japanese	5970ca	9750as	11740as	15290af
				15325as	17585as	17895va	
0800	0900	smtwh Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0800	0900	fa Japan, R Nikkei/Pgm 2	Japanese	9760do			
0800	0900	Kuwait, R Kuwait	Persian	7250as			
0800	0900	Kuwait, R Kuwait/General Svc	Arabic	5960me	15515as		
0800	0900	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0800	0900	Laos, LNR Natl Svc/Vientane	Khmer	6130do			
0800	0900	Laos, LNR Natl Svc/Vientane	Lao	6130do			
0800	0900	Madagascar, R Natl Malagasy	French/Malagasy	6135do			
0800	0900	Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0800	0900	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0800	0900	Malaysia, RTM Kajang/Traxx FM	English	7295do			
0800	0900	Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0800	0900	Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
0800	0900	Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
0800	0900	Mexico, R Mil Onda Corta	Spanish	6010do			
0800	0900	Mexico, R Transcontinental de America	Spanish	4800do			
0800	0900	Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		

0800	0900		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do		
0800	0900		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9575va				
0800	0900		Nepal, R Nepal	Nepali	5005do				
0800	0900	mtwhf	Netherlands, Transport Radio	Dutch	6095eu				
0800	0900		New Zealand, R New Zealand Intl	English	6170pa				
0800	0900	DRM	New Zealand, R New Zealand Intl	English	7440pa				
0800	0900		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
0800	0900		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
0800	0900		Nigeria, Voice of Nigeria	Hausa	9690af				
0800	0900	mtwhfs	Palau, T8WH/World Harvest R	English	9930as				
0800	0900		Palau, T8WH/World Harvest R	English	17650as				
0800	0900		Palau, T8WH/World Harvest R	Japanese	9930as				
0800	0900		Papua New Guinea, R Buka	Tok Pisin	3325do				
0800	0900		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do			
0800	0900		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do				
0800	0900		Papua New Guinea, R East Sepik	Tok Pisin	3335do				
0800	0900		Papua New Guinea, R Fly	English	3915do				
0800	0900		Papua New Guinea, R Fly	Tok Pisin/English	3915do				
0800	0900		Papua New Guinea, R Madang	Tok Pisin	3260do				
0800	0900		Papua New Guinea, R Manus	Tok Pisin	3315do				
0800	0900		Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
0800	0900		Papua New Guinea, R New Ireland	Tok Pisin	3905do				
0800	0900		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do			
0800	0900		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
0800	0900		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
0800	0900		Papua New Guinea, R Western	Tok Pisin/English	3305do				
0800	0900		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
0800	0900		Peru, R JPJ del Peru	Spanish	3355do				
0800	0900		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
0800	0900		Peru, R Union	Spanish	6115do				
0800	0900		Peru, R Victoria	Spanish	6020do	9720do			
0800	0900		Peru, R Vision	Spanish	4790do				
0800	0900		Philippines, FEBC Philippines	Chinese	9430as	15525as			
0800	0900		Russia, Voice of Russia	English	21800va				
0800	0900	DRM	Russia, Voice of Russia	English	9850eu	11830eu			
0800	0900		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
0800	0900		Saudi Arabia, BSKSA/External Svc	French	17785af				
0800	0900		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
0800	0900		Solomon Islands, SIBC	English/Pidgin	5020do				
0800	0900		South Africa, Channel Africa	English	9625af				
0800	0900	Sun	South Africa, R Mirror Intl	English	7205af	17570af			
0800	0900		South Africa, R Sonder Grense	Afrikaans	9650do				
0800	0900		South Korea, KBS World R	English	9570as				
0800	0900		South Korea, KBS World R	Japanese	6155as	7275as			
0800	0900		South Korea, 1st Global Korean Netwk	Korean	6015as				
0800	0900		Spain, R Exterior de Espana	Spanish	12035eu				
0800	0900	DRM	Spain, R Exterior de Espana	Spanish	9780eu				
0800	0900		Sudan, Sudan R	Arabic	7200do				
0800	0900	w	Taiwan, R Taiwan Intl	Amoy	15290as				
0800	0900		Taiwan, R Taiwan Intl	Japanese	11605as				
0800	0900		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0800	0900		Tajikistan, VO Tajik	Russian	7245as				
0800	0900		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
0800	0900		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
0800	0900		Uganda, UBC Radio	English/Swahili/vernaculars		7195do			
0800	0900		UK, BBC World Service	English	6190af	11760me	12095af	15310as	
					15400af	15575me	17640af	17790as	
					17830af	21470af			
0800	0900		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0800	0900		USA, BBG/R Farda	Farsi	13860as	15680as	15690as	17840as	
0800	0900	twhf	USA, BBG/R Free Europe/R Liberty	Russian	15130eu	17820eu			
0800	0900		USA, BBG/R Marti	Spanish	5980ca	6030ca			
0800	0900		USA, BBG/VOA R Mashaal	Pashto	12130as	15360as	15740as		
0800	0900		USA, FBN/WTJC Newport NC	English	9370na				
0800	0900		USA, KNLS Anchor Point AK	Russian	9655as				
0800	0900	Sat	USA, Overcomer Ministry	English	15750af				
0800	0900		USA, WBCQ Monticello ME	English	9330am				
0800	0900		USA, WEWN/EWTN Irondale AL	English	11520af				
0800	0900		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870sa			
0800	0900		USA, WHRI Cypress Creek SC	English	5920am	7385na			
0800	0900		USA, WRMI Miami FL	English/Spanish	9955am				
0800	0900		USA, WTTW Lebanon TN	English	5755va				
0800	0900		USA, WWCN Nashville TN	English	3215eu	4840na	5890af	5935af	
0800	0900		USA, WWRB Manchester TN	English	3185na				
0800	0900		USA, WYFR/Family R Worldwide	Korean	11895as				
0800	0900		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0800	0900		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
0800	0900		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0800	0900		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			

0800	0900		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars	7435do	9635do		
0800	0900		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars	9530do			
0800	0900		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do			
0800	0900		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do			
0800	0900		Zambia, Christian Voice	English	6065af			
0800	0900		Zambia, CVC Intl/1 Africa	English	13590af			
0800	0900		Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do	6165do		
0800	0900		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona	6045do			
0810	0820		India, All India R/Delhi	Assamese	9575do	15185do		
0810	0820		India, All India R/Delhi	Punjabi	9595do			
0810	0830		Clandestine, R Sedayee Kashmir	Dogri	6100as			
0810	0830	Sun	Vatican City State, Vatican R	Italian	7250eu			
0810	0900		Russia, Tatarstan Wave	Tatar/Russian	15195eu			
0815	0827		Nepal, R Nepal	English	5005do			
0815	0900	w	Vatican City State, Vatican R	Papal Audience	6075eu			
0820	0830		India, All India R/Delhi	Urdu	9595do	15185do	15260do	
0820	0840		India, All India R/Delhi	Oriya	15185do			
0820	0900	mtwhfa	Guam, KTWR/TWR Asia	English	15170as			
0825	0900		Russia, R Rossii	Russian	13665eu			
0830	0845		India, All India R/Aizawl	English	5050do			
0830	0845		India, All India R/Chennai	English	4920do			
0830	0845		India, All India R/Delhi	English	6190do	11710do	15185do	15260do
0830	0845		India, All India R/Hyderabad	English	7420do			
0830	0845		India, All India R/Imphal	English	7335do			
0830	0845		India, All India R/Itanagar	English	4990do			
0830	0845		India, All India R/Kolkata	English	7210do			
0830	0845		India, All India R/Shillong	English	7315do			
0830	0845		India, All India R/Thiruvananthapuram	English	7290do			
0830	0850	Sun	Vatican City State, Vatican R	Ge'ez (Liturgy/Holy Days)	15595af	17590af		
0830	0900		Australia, ABC NT Alice Springs	English	2310do			
0830	0900		Australia, ABC NT Katherine	English	2485do			
0830	0900		Australia, ABC NT Tennant Creek	English	2325do			
0830	0900		Brazil, Educadora/Braganca	Portuguese	4825do			
0830	0900		China, China R International	Indonesian	15135as	17735as		
0830	0900	m	Clandestine, Domo I Viti	Fijian	11565pa			
0830	0900		Clandestine, R ERGO	Somali	13685af			
0830	0900		Germany, AWR Europe	Tachelhit	15225af			
0830	0900		Germany, Deutsche Welle	Dari	15640as	17710as		
0830	0900		Germany, TWR Europe	Hungarian	7210eu			
0830	0900	mtwhfa	Guam, KTWR/TWR Asia	English	11840pa			
0830	0900		India, All India R/External Svc	Urdu	7250as	7340as	9595as	11620as
0830	0900		Iran, VO Islamic Rep of Iran	Arabic	13740as			
0830	0900		Iran, VO Islamic Rep of Iran	Dari	13840as	15500as		
0830	0900		Myanmar, Defence Forces BC Unit	Burmese/minority languages	5770do			
0830	0900		Myanmar, Rakhin BC Sta	Shan	9590do			
0830	0900		Pakistan, PBC/R Pakistan	Urdu	15725eu	17720eu		
0830	0900	mwf	Philippines, FEBC Philippines	Banjar	11820as			
0830	0900	thas	Philippines, FEBC Philippines	Gorontalo	11820as			
0830	0900		Philippines, FEBC Philippines	Mongolian	15450as			
0830	0900		Turkey, Voice of Turkey	Persian	11795as			
0830	0900		UK, BBC World Service	Pashto	13820as	17870as		
0830	0900		USA, BBG/R Farda	Farsi	17695as			
0830	0900		USA, BBG/R Free Afghanistan	Dari	17670as	17685as		
0830	0900		USA, WRMI/R Prague relay	Spanish	9955ca			
0830	0900	Sun	Vatican City State, Vatican R	Amharic/Russian/Armenian/Ukrainian		11740va	15595va	
0830	0900	Sun	Vatican City State, Vatican R	Oriental (Liturgy/Holy Days)	11740eu	15595eu	17590eu	
0845	0900		India, All India R/External Svc	Indonesian	15770as	17875as		
0845	0900		Indonesia, RRI Serui	Indonesian	4605do			
0858	0900		China, Tibet PBS	Chinese	7240do	7450do		

0900 UTC - 5AM EDT / 4AM CDT / 2AM PDT

0900	0100	DRM	France, R France International	French	3965af			
0900	0910	mtwhfa	Guam, KTWR/TWR Asia	English	11840as			
0900	0915		Guam, KTWR/TWR Asia	Balinese	15200as			
0900	0930		China, China R International	Indonesian	15135as	17735as		
0900	0930		China, Tibet PBS	Tibetan	9580do			
0900	0930		Clandestine, R ERGO	Somali	13685af			
0900	0930		India, All India R/Delhi	Hindi	15260do			
0900	0930		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo		7280do		
0900	0930		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	7420do			
0900	0930		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	7325do			
0900	0930		India, All India R/Port Blair	English/Hindi/vernaculars	7390do			
0900	0930		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	6000do			
0900	0930		India, All India R/Shillong	English/Hindi/Mizo/vernaculars	7315do			
0900	0930		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	6020do			
0900	0930		Japan, R Japan NHK World	Portuguese	6130sa			
0900	0930		Mongolia, Voice of Mongolia	Japanese	12085as			
0900	0930		Myanmar, Defence Forces BC Unit	Burmese/minority languages	5770do			

0900	0930		Myanmar, Rakhin BC Sta	Shan	9590do				
0900	0930		Philippines, FEBC Philippines	Indonesian	15450as				
0900	0930		Philippines, FEBC Philippines	Makassarese	15580as				
0900	0930		UK, BBC World Service	Pashto	13820as	17870as			
0900	0930		USA, BBG/R Farda	Farsi	13860as				
0900	0930		USA, BBG/R Free Afghanistan	Dari	15090as	17685as			
0900	0930	mtwhfa	USA, WRMI/R Prague relay	English	9955ca				
0900	0945		India, All India R/External Svc	Indonesian	15770as	17875as			
0900	0950		North Korea, Korean Central BC Sta	Korean	7220as	9345as			
0900	0950		North Korea, Pyongyang BC Sta	Korean	9975as	11735as	13760eu	15245eu	
0900	0950	Sun	Vatican City State, Vatican R	Amharic/Russian/Armenian/Ukrainian			11740va	15595va	
0900	0955		Saudi Arabia, BSKSA/External Svc	French	17785af				
0900	0955		Turkey, Voice of Turkey	Arabic	11750as				
0900	0955		Turkey, Voice of Turkey	Persian	11795as				
0900	0956	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc		15240eu	15380eu	17600eu	
					17860eu				
0900	0957		North Korea, Voice of Korea	Japanese	6070as	9650as	11865as		
0900	1000		Anguilla, University Network	English	6090na				
0900	1000		Australia, ABC NT Alice Springs	English	2310do				
0900	1000		Australia, ABC NT Katherine	English	2485do				
0900	1000		Australia, ABC NT Tennant Creek	English	2325do				
0900	1000		Australia, ABC/R Australia	English	6020pa	9580pa	11945pa		
0900	1000		Australia, ABC/R Australia	Tok Pisin	5995as	6020as	6080as	9475as	
					9710as	12080as			
0900	1000		Australia, R Symban	Greek	2369do				
0900	1000		Bahrain, R Bahrain	Arabic	9745me				
0900	1000		Bahrain, R Bahrain	English	6010me				
0900	1000		Bangladesh Betar/Home Svc	English/Bengali	4750as				
0900	1000	w/DRM	Belgium, TDP Radio	English	6015eu				
0900	1000		Benin, ORTB	French/Yoruba/vernaculars		5025do			
0900	1000		Bhutan, Bhutan BC Svc	Shar chop	5030do	6035do			
0900	1000		Bolivia, R Fides	Spanish/Aymara	6155do				
0900	1000		Bolivia, R Logos	Spanish/Aymara	4865do				
0900	1000		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
0900	1000		Bolivia, R Santa Ana	Spanish	4451do				
0900	1000		Brazil, Educadora/Braganca	Portuguese	4825do				
0900	1000		Brazil, Iguatemi	Portuguese	4975do				
0900	1000		Brazil, R Alvorada/Londrina	Portuguese	4865do				
0900	1000		Brazil, R Anhanguera	Portuguese	4905do				
0900	1000		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
0900	1000		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
0900	1000		Brazil, R Boa Vontade	Portuguese	6160do	9550do			
0900	1000		Brazil, R Brasil	Portuguese	4785do				
0900	1000		Brazil, R Brasil Central	Portuguese	4985do	11815do			
0900	1000		Brazil, R Caiari	Portuguese	4785do				
0900	1000		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
0900	1000		Brazil, R Capital	Portuguese	6070do				
0900	1000		Brazil, R Capixaba	Portuguese	4935do				
0900	1000		Brazil, R Clube do Para	Portuguese	4885do				
0900	1000		Brazil, R Congonhas	Portuguese	4775do				
0900	1000		Brazil, R Cultura do Para	Portuguese	5045do				
0900	1000		Brazil, R Cultura Filadelfia	Portuguese	6105do				
0900	1000		Brazil, R Daqui	Portuguese	4915do	6080do	11830do		
0900	1000		Brazil, R Difusora Acreana	Portuguese	4885do				
0900	1000		Brazil, R Difusora Roraima	Portuguese	4875do				
0900	1000		Brazil, R Difusora/Caceres	Portuguese	5055do				
0900	1000		Brazil, R Difusora/Londrina	Portuguese	4815do				
0900	1000		Brazil, R Difusora/Macapá	Portuguese	4915do				
0900	1000		Brazil, R Educadora/Guajara Mirim	Portuguese	3375do				
0900	1000		Brazil, R Educadora/Limeira	Portuguese	2380do				
0900	1000		Brazil, R Gaucha	Portuguese	6020do	11915do			
0900	1000		Brazil, R Gazeta	Portuguese	5955do	9685do			
0900	1000		Brazil, R Guaiba	Portuguese	6000do	11785do			
0900	1000		Brazil, R Guaruja Paulista	Portuguese	5045do				
0900	1000		Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
0900	1000		Brazil, R Imaculada Conceicao	Portuguese	4755do				
0900	1000		Brazil, R Inconfidencia	Portuguese	6010do	15190do			
0900	1000		Brazil, R Itatiaia	Portuguese	5970do				
0900	1000		Brazil, R Maria	Portuguese	4885do				
0900	1000		Brazil, R Marumby	Portuguese	6080do	9515do			
0900	1000		Brazil, R Meteorologia Paulista	Portuguese	4845do				
0900	1000		Brazil, R Mundial	Portuguese	3325do				
0900	1000		Brazil, R Municipal	Portuguese	3375do				
0900	1000		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
0900	1000		Brazil, R Nove de Julho	Portuguese	9820do				
0900	1000		Brazil, R Novo Tempo	Portuguese	4895do				
0900	1000		Brazil, R Record	Portuguese	6150do	9505do			
0900	1000		Brazil, R Trans Mundial	Portuguese	9530do	11735do			
0900	1000		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0900	1000		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		

0900	1000		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
0900	1000		Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
0900	1000	f	Canada, Bible Voice Broadcasting	Arabic	17535af				
0900	1000		Canada, CFRX Toronto ON	English	6070na				
0900	1000		Canada, CFPV Calgary AB	English	6030na				
0900	1000		Canada, CKZN St Johns NF	English	6160na				
0900	1000		Canada, CKZU Vancouver BC	English	6160na				
0900	1000		Central African Rep, R Centrafrique	French/Sango	5035do				
0900	1000		Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do			
0900	1000		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
0900	1000		China, China Huayi BC	Amoy/Chinese	6185do				
0900	1000		China, China Natl R/CNR11	Tibetan	7350do	9480do	9530do		
0900	1000		China, China Natl R/CNR13	Uyghur	13700do				
0900	1000		China, China R International	Chinese	7430as	11980as	15250as	15440as	
					15525as	17500as	17540as	17670pa	
0900	1000		China, China R International	English	11620as	13790pa	15210as	15270eu	
					15350as	17490eu	17570eu	17750as	
0900	1000		China, China R International	Romanian	7285eu	9440eu			
0900	1000		China, China R International	Russian	15335va	15665va			
0900	1000		China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do		
0900	1000		China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do			
0900	1000		China, CNR/VO Minorities/CNR8	Kazakh	11630do	11780do	12055do	15415do	
0900	1000		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do			
0900	1000		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	9685do	11620do			
0900	1000		China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
0900	1000		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do			
0900	1000		China, Nei Menggu PBS	Chinese	7420do	9520do			
0900	1000		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0900	1000		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
0900	1000		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
					7450do				
0900	1000		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
					6130do	6200do	9490do		
0900	1000		China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do	
0900	1000		China, Xinjiang PBS	Kazakh	7340do	9470do			
0900	1000		China, Xinjiang PBS	Mongolian	7230do	9510do			
0900	1000		China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do	
					13670do				
0900	1000		Clandestine, Denge Mezopotamya	Kurdish	11530as				
0900	1000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
0900	1000		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13270as	13350as	
					18200as	14700as	15070as	16100as	
					16980as	17895as			
0900	1000	Sat/Sun	Clandestine, Sound of Hope R Intl	Chinese	9540as	11760as			
0900	1000		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
0900	1000		Colombia, La Voz de tu Conciencia	Spanish	6010do				
0900	1000		Colombia, R Alcaravan	Spanish	5910do				
0900	1000		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do			
0900	1000		Croatia, Voice of Croatia	Croatian/various	7410eu	11675pa			
0900	1000		Cuba, R Rebelde	Spanish	5025na				
0900	1000		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
0900	1000		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0900	1000		Dominican Rep, R Amanecer Intl	Spanish	6025do				
0900	1000		Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
0900	1000		Ecuador, R Quito	Spanish/Quechua	4919do				
0900	1000		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do				
0900	1000		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do				
0900	1000		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do			
0900	1000		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			7175do		
0900	1000		Ethiopia, Amhara State Reg R	Amharic	6090do				
0900	1000		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do			
0900	1000		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
0900	1000		Ethiopia, R Oromiya	Oromo	6030do				
0900	1000		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do				
0900	1000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11720eu			
0900	1000		Gabon, Africa No. 1	French	9580af				
0900	1000	Sun	Germany, AWR Europe	Italian	9790eu				
0900	1000		Germany, Hamburger Lokalradio	German	5980eu				
0900	1000	1st Sun	Germany, Hamburger Lokalradio	German	6045eu				
0900	1000	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
0900	1000		Germany, R 6150	German	6150eu				
0900	1000		Germany, R 700	German	3995eu				
0900	1000	Sat	Germany, R 700/Pur Radio 1	Dutch	6085eu				
0900	1000		Guinea, RTV Guinee	French/vernacular	7125do				
0900	1000		India, All India R/Aizawl	Hindi	7295do				
0900	1000		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do			
0900	1000		India, All India R/Chennai	English/Hindi	7380do				
0900	1000		India, All India R/Delhi	Hindi	6190do				
0900	1000		India, All India R/External Svc	Bengali	7420as				

0900	1000		India, All India R/External Svc	Urdu	7250as	7340as	9595as	11620as
0900	1000		India, All India R/Gangtok	English/Hindi	6085do			
0900	1000		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		7335do		
0900	1000		India, All India R/Kolkata	Bengali/English/Hindi/Santhani		7210do		
0900	1000		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		7230do		
0900	1000		India, All India R/Lucknow	English/Hindi/vernaculars		7440do		
0900	1000		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7240do		
0900	1000		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4950do	6110do	
0900	1000		India, All India R/Thiruvananthapuram	Kerala/Malayalam/Muttathura		7290do		
0900	1000		Indonesia, RRI Biak	Indonesian	4920do			
0900	1000		Indonesia, RRI Fak Fak	Indonesian	4790do			
0900	1000		Indonesia, RRI Jakarta	Indonesian	9680do			
0900	1000		Indonesia, RRI Jambi	Indonesian	4925do			
0900	1000		Indonesia, RRI Kendari	Indonesian	3995do			
0900	1000		Indonesia, RRI Makassar	Indonesian	4750do			
0900	1000		Indonesia, RRI Palangkaraya	Indonesian	3325do			
0900	1000		Indonesia, RRI Serui	Indonesian	4605do			
0900	1000		Indonesia, RRI Ternate	Indonesian	3345do			
0900	1000		Indonesia, RRI Wamena	Indonesian	4870do			
0900	1000		Iran, VO Islamic Rep of Iran	Arabic	13740as	13785as	15150as	17550as
0900	1000		Iran, VO Islamic Rep of Iran	Dari	13840as	15500as		
0900	1000		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
0900	1000		Japan, R Japan NHK World	Chinese	6090as			
0900	1000		Japan, R Japan NHK World	Japanese	9750as	9795sa	11740as	11815af
					15290af	15325as	17895va	
0900	1000	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0900	1000		Kuwait, R Kuwait	Persian	7250as			
0900	1000		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
0900	1000		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0900	1000		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
0900	1000		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
0900	1000		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0900	1000		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0900	1000		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
0900	1000		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
0900	1000		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
0900	1000		Mexico, R Mil Onda Corta	Spanish	6010do			
0900	1000		Mexico, R Transcontinental de America	Spanish	4800do			
0900	1000		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0900	1000		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0900	1000		Morocco, R Marocaine	Arabic	15349af			
0900	1000		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0900	1000		Nepal, R Nepal	Nepali	5005do			
0900	1000	3rd Sun	Netherlands, XVRB Radio	English	6045eu			
0900	1000	DRM	New Zealand, R New Zealand Intl	English	7440pa			
0900	1000		New Zealand, R New Zealand Intl	English	6170pa			
0900	1000		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0900	1000		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0900	1000		Nigeria, Voice of Nigeria	English	9690af			
0900	1000		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0900	1000		Pakistan, PBC/R Pakistan	Bengali	11870as	15620as		
0900	1000		Pakistan, PBC/R Pakistan	Urdu	15725eu	17720eu		
0900	1000		Palau, T8WH/World Harvest R	English	9930as			
0900	1000		Papua New Guinea, R Buka	Tok Pisin	3325do			
0900	1000		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
0900	1000		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
0900	1000		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
0900	1000		Papua New Guinea, R Fly	English	3915do			
0900	1000		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
0900	1000		Papua New Guinea, R Madang	Tok Pisin	3260do			
0900	1000		Papua New Guinea, R Manus	Tok Pisin	3315do			
0900	1000		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
0900	1000		Papua New Guinea, R New Ireland	Tok Pisin	3905do			
0900	1000		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do		
0900	1000		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
0900	1000		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
0900	1000		Papua New Guinea, R Western	Tok Pisin/English	3305do			
0900	1000		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0900	1000		Peru, R Andina	Spanish	4995do			
0900	1000		Peru, R JPJ del Peru	Spanish	3355do			
0900	1000		Peru, R Manantial	Spanish/Quechua	4987do			
0900	1000		Peru, R Municipal	Spanish	3173do			
0900	1000		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
0900	1000		Peru, R Union	Spanish	6115do			
0900	1000		Peru, R Victoria	Spanish	6020do	9720do		
0900	1000		Peru, R Vision	Spanish	4790do			
0900	1000		Philippines, FEBC Philippines	Chinese	9400as	9430as		
0900	1000		Russia, R Rossii	Russian	13665eu			
0900	1000		Russia, Voice of Russia	English	9560as	15170as	21800va	
0900	1000	DRM	Russia, Voice of Russia	English	9850eu	11830eu		

0900	1000	DRM	Russia, Voice of Russia	German	9850eu				
0900	1000	DRM	Russia, Voice of Russia	German	11830eu				
0900	1000		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
0900	1000		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as				
0900	1000		Saudi Arabia, BSKSA/First General Pgm	Arabic	15490me	17805af			
0900	1000		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11935me	17570as	17615as		
0900	1000		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
0900	1000		Solomon Islands, SIBC	English/Pidgin	5020do				
0900	1000		South Africa, Channel Africa	English	9625af				
0900	1000		South Africa, R Sonder Grense	Afrikaans	9650do				
0900	1000		South Korea, KBS World R	Japanese	9805as				
0900	1000		South Korea, KBS World R	Korean	7275as	9570as	15160va		
0900	1000		South Korea, 1st Global Korean Netwk	Korean	6015as				
0900	1000		Spain, R Exterior de Espana	Spanish	15585eu	21540af			
0900	1000		Sudan, Sudan R	Arabic	7200do				
0900	1000		Taiwan, R Taiwan Intl	Amoy	11550as				
0900	1000	Sat/Sun	Taiwan, R Taiwan Intl	Cantonese	15465as				
0900	1000		Taiwan, R Taiwan Intl	Vietnamese	15270as				
0900	1000		Tajikistan, R Tojikiston/TR1	Russian	4765as				
0900	1000		Tajikistan, VO Tajik	Russian	7245as				
0900	1000		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
0900	1000		Turkey, Voice of Turkey	Turkish	11955va	13635va			
0900	1000		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
0900	1000		Uganda, UBC Radio	English/Swahili/vernaculars		7195do			
0900	1000		UK, BBC World Service	English	6190af	6195as	9740as	11760me	
					12095af	15285as	15310as	15575me	
					17640af	17760as	17790as	17830af	
					21470af	21660as			
0900	1000		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
0900	1000		USA, BBG/R Farda	Farsi	15680as	15690as	17695as	17840as	
0900	1000		USA, BBG/R Free Europe/R Liberty	Russian	15130eu	17820eu			
0900	1000	twhfas	USA, BBG/R Marti	Spanish	6030ca	9805ca			
0900	1000		USA, BBG/VOA R Mashaal	Pashto	12130as	15360as	15740as		
0900	1000		USA, BBG/Voice of America	Chinese	11825as	11965as	13610as	13740as	
					15250as	15665as	17485as	21695as	
0900	1000		USA, FBN/WTJC Newport NC	English	9370na				
0900	1000		USA, KNLS Anchor Point AK	Mandarin	9655as				
0900	1000	Sat	USA, Overcomer Ministry	English	15750af				
0900	1000		USA, WBCQ Monticello ME	English	9330am				
0900	1000		USA, WEWN/EWTN Irondale AL	English	11520as				
0900	1000		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870sa			
0900	1000		USA, WHRI Cypress Creek SC	English	11565pa				
0900	1000		USA, WHRI Cypress Creek SC	English	7315am	7385na			
0900	1000		USA, WRMI Miami FL	English/Spanish	9955am				
0900	1000		USA, WTTW Lebanon TN	English	5755va				
0900	1000		USA, WWCN Nashville TN	English	4840eu	5890af	5935af	6875af	
0900	1000		USA, WWRB Manchester TN	English	3185na				
0900	1000		USA, WYFR/Family R Worldwide	English	9465as				
0900	1000		USA, WYFR/Family R Worldwide	English/Japanese	9465as	9545as	11565as		
0900	1000		USA, WYFR/Family R Worldwide	Mandarin	9545as	11565as			
0900	1000		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0900	1000		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
0900	1000	w	Vatican City State, Vatican R	Papal Audience	6075eu				
0900	1000		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
0900	1000		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
0900	1000		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
0900	1000		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
0900	1000		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
0900	1000		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
0900	1000		Zambia, Christian Voice	English	6065af				
0900	1000		Zambia, CVC Intl/1 Africa	English	13590af				
0900	1000		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
0900	1000		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0900	1000		China, Hulun Buir PBS	Mongolian	6080do				
0905	0910		Pakistan, PBC/R Pakistan	English	15725as	17720as			
0905	1000		Kuwait, R Kuwait/General Svc	Arabic	11630af	21540va			
0915	0945		Guam, KTWR/TWR Asia	Madurese	15200as				
0925	1000		China, CNR/Fujian	Chinese	5040do				
0925	1000		India, All India R/R Kashmir	English/Kashmir/Hindi/vernaculars		6110do			
0925	1000		Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do				
0930	0957		Iran, VO Islamic Rep of Iran	Armenian	11850eu	15225eu			
0930	1000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
0930	1000		Bolivia, R Panamericana	Spanish	5765do	6105do			
0930	1000		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				
0930	1000		Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al			
0930	1000		Brazil, R Difusora do Amazonas	Portuguese	4805do				
0930	1000		Brazil, R Verdes Florestas	Portuguese	4865do				
0930	1000		China, China R International	Malay	15135as	17680as			
0930	1000		China, Tibet PBS	Tibetan	7385do				

0930	1000		France, R France International	Chinese	7325as	11875as		
0930	1000		Guam, KTWR/TWR Asia	Chinese	15235as			
0930	1000	Sun	Italy, IRRS SW	English	9510va			
0930	1000		Japan, R Japan NHK World	Portuguese	6195sa			
0930	1000		Japan, R Japan NHK World	Spanish	6080ca			
0930	1000		Mongolia, Voice of Mongolia	Mongolian	12085as			
0930	1000		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do	5985do		
0930	1000		Peru, R Cusco	Spanish	4780do			
0930	1000		Philippines, FEBC Philippines	Buginese	15580as			
0930	1000		Philippines, FEBC Philippines	Minangkabau	15450as			
0930	1000		Somalia (Puntland) R Hage Somalia	Somali	6915do	3980al		
0930	1000		Sri Lanka, SLBC	Telugu	6005as	7190as	11905as	
0930	1000		UK, BBC World Service	Dari	13820as	17870as		
0930	1000		USA, BBG/R Farda	Farsi	13860as			
0930	1000		USA, BBG/R Free Afghanistan	Pashto	15090as	15680as	17685as	
0930	1000	mtwhfa	USA, WRMI/R Slovakia Intl relay	Spanish	9955ca			
0945	1000		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0945	1000		Guam, KTWR/TWR Asia	Indonesian	15200as			
0945	1000		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			7280do	
0945	1000		Japan, R Japan NHK World	Indonesian	6140as			
0950	1000		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
0950	1000	Sun	Vatican City State, Vatican R	Angeles (Holy Days)	6075eu	7250eu	9645eu	11740eu
					15550eu	17570eu	17590eu	

1000 UTC - 6AM EDT / 5AM CDT / 3AM PDT

1000	1015	Sun	Switzerland, R Freundes-Dienst	German	6055eu			
1000	1025		Turkey, Voice of Turkey	Tatar	9855as			
1000	1027		Iran, VO Islamic Rep of Iran	Arabic	13740as			
1000	1030		China, China Natl R/CNR11	Tibetan	9530do			
1000	1030		China, China R International	Malay	15135as	17680as		
1000	1030		China, Xinjiang PBS	Mongolian	7230do	9510do		
1000	1030		France, R France International	Chinese	7325as	11875as		
1000	1030		Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al		
1000	1030	Sat	Germany, TWR Europe	Romanian	7295eu			
1000	1030		Guam, KTWR/TWR Asia	Indonesian	15200as			
1000	1030		India, All India R/Delhi	Hindi	6190do			
1000	1030		India, All India R/Gangtok	English/Hindi	6085do			
1000	1030		Japan, R Japan NHK World	English	9605as	9625pa	9695pa	
1000	1030		Japan, R Japan NHK World	Indonesian	6140as			
1000	1030		Mongolia, Voice of Mongolia	Chinese	12085as			
1000	1030		Pakistan, PBC/R Pakistan	Nepali	11870as	15620as		
1000	1030		Philippines, FEBC Philippines	Batak Toba	15450as			
1000	1030		Philippines, FEBC Philippines	Sunda	15580as			
1000	1030		Philippines, R Veritas Asia	Khmer	11850as			
1000	1030		Taiwan, R Taiwan Intl	Cantonese	11625as	15270as		
1000	1030		UK, BBC World Service	Dari	13820as	17870as		
1000	1030		USA, BBG/R Farda	Farsi	17695as			
1000	1030		USA, BBG/R Free Afghanistan	Pashto	15090as	15680as	17685as	
1000	1030	Sat/Sun	USA, BBG/Voice of America	Portuguese	17850af	21590af		
1000	1030	Sun	Vatican City State, Vatican R	Angeles (Holy Days)	6075eu	7250eu	9645eu	11740eu
					15550eu	17570eu	17590eu	
1000	1030	Sat	Vatican City State, Vatican R	English	9955ca			
1000	1030		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1000	1035		China, CNR/Fujian	Chinese	5040do			
1000	1035		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7240do		
1000	1040		Clandestine, MND Radio	Korean	6435as	6550as		
1000	1050		North Korea, Pyongyang BC Sta	Korean	7220as	9345as		
1000	1050		North Korea, Voice of Korea	Japanese	6070as	9650as	11865as	
1000	1055		Turkey, Voice of Turkey	Georgian	9655as			
1000	1056		Romania, R Romania Intl	French	15240eu	15380af	17785af	17795af
1000	1057		North Korea, Voice of Korea	English	11710ca	15180sa	11735as	13650as
1000	1058		New Zealand, R New Zealand Intl	English	6170pa			
1000	1100		Anguilla, University Network	English	11775na			
1000	1100	mtwhf	Argentina, RAE	Japanese	6090sa	11710as		
1000	1100		Australia, ABC NT Alice Springs	English	2310do			
1000	1100		Australia, ABC NT Katherine	English	2485do			
1000	1100		Australia, ABC NT Tennant Creek	English	2325do			
1000	1100		Australia, ABC/R Australia	English	6020pa	9580pa	11945pa	
1000	1100		Australia, ABC/R Australia	Tok Pisin	5995as	6020as	6080as	9475as
					9710as	12080as		
1000	1100		Australia, R Symban	Greek	2369do			
1000	1100		Bahrain, R Bahrain	Arabic	9745me			
1000	1100		Bahrain, R Bahrain	English	6010me			
1000	1100		Bangladesh Betar/Home Svc	English/Bengali	4750as			
1000	1100	h/DRM	Belgium, TDP Radio	English	6015eu			
1000	1100		Benin, ORTB	French/Yoruba/vernaculars		5025do		
1000	1100		Bhutan, Bhutan BC Svc	Lhotsam	5030do	6035do		
1000	1100		Bolivia, R Eco	Spanish	4409do			
1000	1100		Bolivia, R Em Camargo	Spanish/Aymara	3390do			

1000	1100	Bolivia, R Fides	Spanish/Aymara	6155do			
1000	1100	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1000	1100	Bolivia, R Lipez	Spanish/Aymara	4796do			
1000	1100	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1000	1100	Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
1000	1100	Bolivia, R Panamericana	Spanish	5765do	6105do		
1000	1100	Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1000	1100	Bolivia, R Santa Ana	Spanish	4451do			
1000	1100	Bolivia, R Tacana	Spanish	4782do			
1000	1100	Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
1000	1100	Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
1000	1100	Brazil, Educadora/Braganca	Portuguese	4825do			
1000	1100	Brazil, Iguatemi	Portuguese	4975do			
1000	1100	Brazil, R Alvorada/Londrina	Portuguese	4865do			
1000	1100	Brazil, R Anhanguera	Portuguese	4905do			
1000	1100	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1000	1100	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1000	1100	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1000	1100	Brazil, R Brasil	Portuguese	4785do			
1000	1100	Brazil, R Brasil Central	Portuguese	4985do	11815do		
1000	1100	Brazil, R Caiari	Portuguese	4785do			
1000	1100	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1000	1100	Brazil, R Capital	Portuguese	6070do			
1000	1100	Brazil, R Capixaba	Portuguese	4935do			
1000	1100	Brazil, R Clube do Para	Portuguese	4885do			
1000	1100	Brazil, R Congonhas	Portuguese	4775do			
1000	1100	Brazil, R Cultura do Para	Portuguese	5045do			
1000	1100	Brazil, R Cultura Filadelfia	Portuguese	6105do			
1000	1100	Brazil, R Cultura/Araraquara	Portuguese	3365do			
1000	1100	Brazil, R Cultura/Manaus	Portuguese	4845do			
1000	1100	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1000	1100	Brazil, R Difusora Acreana	Portuguese	4885do			
1000	1100	Brazil, R Difusora do Amazonas	Portuguese	4805do			
1000	1100	Brazil, R Difusora Roraima	Portuguese	4875do			
1000	1100	Brazil, R Difusora/Caceres	Portuguese	5055do			
1000	1100	Brazil, R Difusora/Londrina	Portuguese	4815do			
1000	1100	Brazil, R Difusora/Macapa	Portuguese	4915do			
1000	1100	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1000	1100	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1000	1100	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
1000	1100	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
1000	1100	Brazil, R Educadora/Limeira	Portuguese	2380do			
1000	1100	Brazil, R Gaucha	Portuguese	6020do	11915do		
1000	1100	Brazil, R Gazeta	Portuguese	5955do	9685do		
1000	1100	Brazil, R Guaiba	Portuguese	6000do	11785do		
1000	1100	Brazil, R Guaruja Paulista	Portuguese	5045do			
1000	1100	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
1000	1100	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1000	1100	Brazil, R Itatiaia	Portuguese	5970do			
1000	1100	Brazil, R Maria	Portuguese	4885do			
1000	1100	Brazil, R Marumby	Portuguese	6080do	9515do		
1000	1100	Brazil, R Meteorologia Paulista	Portuguese	4845do			
1000	1100	Brazil, R Mundial	Portuguese	3325do			
1000	1100	Brazil, R Municipal	Portuguese	3375do			
1000	1100	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1000	1100	Brazil, R Nove de Julho	Portuguese	9820do			
1000	1100	Brazil, R Novo Tempo	Portuguese	4895do			
1000	1100	Brazil, R Record	Portuguese	6150do	9505do		
1000	1100	Brazil, R Rio Mar	Portuguese	6160do	9695do		
1000	1100	Brazil, R Trans Mundial	Portuguese	9530do	11735do		
1000	1100	Brazil, R Verdes Florestas	Portuguese	4865do			
1000	1100	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
1000	1100	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
1000	1100	Brazil, Super R Alvorada	Portuguese	2460do			
1000	1100	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
1000	1100	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1000	1100	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
1000	1100	Canada, CFRX Toronto ON	English	6070na			
1000	1100	Canada, CFVP Calgary AB	English	6030na			
1000	1100	Canada, CKZN St Johns NF	English	6160na			
1000	1100	Canada, CKZU Vancouver BC	English	6160na			
1000	1100	Central African Rep, R Centrafrique	French/Sango	5035do			
1000	1100	Central African Rep, Radio ICDI	French/Sango/Bayaka/Fulfulde		6030do		
1000	1100	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
1000	1100	China, China Huayi BC	Amoy/Chinese	6185do			
1000	1100	China, China Natl R/CNR11	Tibetan	7350do	9480do		
1000	1100	China, China Natl R/CNR13	Uyghur	13700do			
1000	1100	China, China R International	Cantonese	15440pa	17670pa		
1000	1100	China, China R International	Chinese	9890as	13850as	17650as	

1000	1100	China, China R International	English	6040na 13690as 15210as	11610as 13720as 15350as	11635as 13790pa 17490eu	13620as 15190as
1000	1100	China, China R International	Hungarian	13685eu	15220eu		
1000	1100	China, China R International	Japanese	7325as	11620as		
1000	1100	China, China R International	Russian	7390as	9725as	11935as	
1000	1100	China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do	
1000	1100	China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
1000	1100	China, CNR/VO Minorities/CNR8	Korean	7410do	9785do		
1000	1100	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
1000	1100	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1000	1100	China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
1000	1100	China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
1000	1100	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do	9505do		
1000	1100	China, Hulun Buir PBS	Mongolian	6080do			
1000	1100	China, Nei Menggu PBS	Chinese	7420do	9520do		
1000	1100	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1000	1100	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
1000	1100	China, Tibet PBS	Chinese	4820do 7450do	5935do	6050do	7240do
1000	1100	China, Tibet PBS	Tibetan	4905do 6130do	4920do 6200do	5240do 7255do	6110do 7385do
1000	1100	China, VO Guangxi/Beibu Bay R	Cantonese	5050do	9820do		
1000	1100	China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do
1000	1100	China, Xinjiang PBS	Kazakh	7340do	9470do		
1000	1100	China, Xinjiang PBS	Uyghur	7205do 13670do	7275do	9560do	11885do
1000	1100	China, Yunnan PBS/VO Shangri-La	Vietnamese	6035do			
1000	1100	Clandestine, Denge Mezopotamya	Kurdish	11530as			
1000	1100	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1000	1100	Clandestine, R Free Sarawak	English/lban/Malay	15420as			
1000	1100	Sat/Sun	Clandestine, Sound of Hope R Intl	Chinese	9540as	11760as	
1000	1100	Clandestine, Sound of Hope R Intl	Chinese	11970as 13350as 16100as	12980as 13880as 16980as	13130as 14700as	13270as 14950as
1000	1100	Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
1000	1100	Colombia, La Voz de tu Conciencia	Spanish	6010do			
1000	1100	Colombia, La Voz del Guaviare	Spanish	6035do			
1000	1100	Colombia, R Alcaravan	Spanish	5910do			
1000	1100	Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1000	1100	Croatia, Voice of Croatia	Croatian/various	7410eu	11675pa		
1000	1100	Cuba, R Rebelde	Spanish	5025na			
1000	1100	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1000	1100	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1000	1100	Dominican Rep, R Amanecer Intl	Spanish	6025do			
1000	1100	Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1000	1100	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1000	1100	Ecuador, R Quito	Spanish/Quechua	4919do			
1000	1100	Eqt Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1000	1100	Eqt Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1000	1100	Ethiopia, Amhara State Reg R	Amharic	6090do			
1000	1100	Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1000	1100	Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1000	1100	Ethiopia, R Oromiya	Oromo	6030do			
1000	1100	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1000	1100	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11720eu	
1000	1100	DRM	France, R France International	French	3965af		
1000	1100		Gabon, Africa No. 1	French	9580af		
1000	1100		Germany, Deutsche Welle	Swahili	9800af	11800af	15410af
1000	1100	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu		
1000	1100		Germany, R 6150	German	6150eu		
1000	1100		Germany, R 700	German	3995eu		
1000	1100	Sat	Germany, R 700/Pur Radio 1	Dutch	6085eu		
1000	1100		Guam, KTWR/TWR Asia	Chinese	15235as		
1000	1100		Guinea, RTV Guinee	French/vernacular	7125do		
1000	1100		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do	
1000	1100		India, All India R/External Svc	Bengali	7420as		
1000	1100		India, All India R/External Svc	English	7270as 17510pa	13695pa 17800as	15020as 17895pa
1000	1100		India, All India R/External Svc	Urdu	7250as	7340as	9595as
1000	1100		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo		7280do	11620as
1000	1100		India, All India R/Itanagar	English/Hindi/Buddist minority	4990do		
1000	1100		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	7230do		
1000	1100		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	4950do	6110do	
1000	1100	Sun	Indonesia, AWR Asia/Pacific	Cantonese	12010as		
1000	1100	Sun	Indonesia, AWR Asia/Pacific	Chinese	17520as		
1000	1100	mtwhfa	Indonesia, AWR Asia/Pacific	Chinese	12010as	17520as	
1000	1100		Indonesia, RRI Biak	Indonesian	4920do		
1000	1100		Indonesia, RRI Fak Fak	Indonesian	4790do		

1000	1100		Indonesia, RRI Jakarta	Indonesian	9680do				
1000	1100		Indonesia, RRI Jambi	Indonesian	4925do				
1000	1100		Indonesia, RRI Kendari	Indonesian	3995do				
1000	1100		Indonesia, RRI Makassar	Indonesian	4750do				
1000	1100		Indonesia, RRI Palangkaraya	Indonesian	3325do				
1000	1100		Indonesia, RRI Pontianak	Indonesian	3976do				
1000	1100		Indonesia, RRI Pontianak	Indonesian	3976do				
1000	1100		Indonesia, RRI Serui	Indonesian	4605do				
1000	1100		Indonesia, RRI Ternate	Indonesian	3345do				
1000	1100		Indonesia, RRI Wamena	Indonesian	4870do				
1000	1100		Indonesia, VO Indonesia	English	9526va				
1000	1100		Iran, VO Islamic Rep of Iran	Dari	13840as	15500as			
1000	1100		Israel, Galei Tzahal	Hebrew	6973usb	15850usb			
1000	1100		Japan, R Japan NHK World	Japanese	9750as	11815as	15590as	17895va	
1000	1100	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
1000	1100		Kuwait, R Kuwait/General Svc	Arabic	11630af	21540va			
1000	1100		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do			
1000	1100		Laos, LNR Natl Svc/Vientane	Lao	6130do				
1000	1100		Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do				
1000	1100		Madagascar, R Natl Malagasy	French/Malagasy	6135do				
1000	1100		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do				
1000	1100		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1000	1100		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1000	1100		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
1000	1100		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do			
1000	1100		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al		
1000	1100		Mexico, R Mil Onda Corta	Spanish	6010do				
1000	1100		Mexico, R Transcontinental de America	Spanish	4800do				
1000	1100		Micronesia, V6MP/Cross R/Pohnpei	English	4755as				
1000	1100		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do		
1000	1100		Morocco, R Marocaine	Arabic	15349af				
1000	1100		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
1000	1100		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do	5985do			
1000	1100		Myanmar, Myanma R/Yangon	Burmese/vernaculars	7200do	7185al			
1000	1100		Nepal, R Nepal	Nepali	5005do				
1000	1100	DRM	New Zealand, R New Zealand Intl	English	7440pa				
1000	1100		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
1000	1100		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
1000	1100		Nigeria, Voice of Nigeria	English	9690af				
1000	1100		Pakistan, Azad Kashmir R	Urdu	3975do	4790do			
1000	1100		Pakistan, PBC/R Pakistan	Urdu	15725eu	17720eu			
1000	1100		Palau, T8WH/World Harvest R	English	17650as				
1000	1100		Papua New Guinea, R Buka	Tok Pisin	3325do				
1000	1100		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do			
1000	1100		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do				
1000	1100		Papua New Guinea, R East Sepik	Tok Pisin	3335do				
1000	1100		Papua New Guinea, R Fly	Tok Pisin/English	3915do				
1000	1100		Papua New Guinea, R Madang	Tok Pisin	3260do				
1000	1100		Papua New Guinea, R Manus	Tok Pisin	3315do				
1000	1100		Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
1000	1100		Papua New Guinea, R New Ireland	Tok Pisin	3905do				
1000	1100		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do			
1000	1100		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
1000	1100		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
1000	1100		Papua New Guinea, R Western	Tok Pisin/English	3305do				
1000	1100		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
1000	1100		Peru, La Voz de la Selva	Spanish	4824do				
1000	1100		Peru, R Altura	Spanish/Quechua	5014do				
1000	1100		Peru, R Ancash	Spanish	4990do	4992al			
1000	1100		Peru, R Andina	Spanish	4995do				
1000	1100		Peru, R Cultural Amauta	Spanish	4955do				
1000	1100		Peru, R Cusco	Spanish	4780do				
1000	1100		Peru, R Genesis	Spanish	4850do				
1000	1100		Peru, R JPJ del Peru	Spanish	3355do				
1000	1100		Peru, R Libertad de Junin	Spanish	5039do				
1000	1100		Peru, R Madre de Dios	Spanish	4950do				
1000	1100		Peru, R Manantial	Spanish/Quechua	4987do				
1000	1100		Peru, R Melodia	Spanish	5939do				
1000	1100		Peru, R Municipal	Spanish	3173do				
1000	1100		Peru, R Ondas del Sur Oriente	Spanish	5120do				
1000	1100		Peru, R Quillabamba	Spanish/Quechua	5025do				
1000	1100		Peru, R Reina de la Selva	Spanish/Quechua	5487do				
1000	1100		Peru, R Santa Rosa	Spanish	6047do				
1000	1100		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1000	1100		Peru, R Union	Spanish	6115do				
1000	1100		Peru, R Victoria	Spanish	6020do	9720do			
1000	1100		Peru, R Virgen del Carmen	Spanish	4887do	4895al			
1000	1100		Peru, R Vision	Spanish	4790do				
1000	1100		Philippines, FEBC Philippines	Chinese	9400as	9430as			
1000	1100		Philippines, R Veritas Asia	Mandarin	11945as				

1000	1100		Russia, R Rossii	Russian	13665eu				
1000	1100		Russia, Voice of Russia	Chinese	6075as				
1000	1100		Russia, Voice of Russia	English	9560as	11500as		15170as	
1000	1100	DRM	Russia, Voice of Russia	German	9850eu				
1000	1100		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
1000	1100		Saudi Arabia, BSKSA/External Svc	English	15250as				
1000	1100		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as				
1000	1100		Saudi Arabia, BSKSA/First General Pgm	Arabic	15490eu	17805af			
1000	1100		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11935me	17570as		17615as	
1000	1100		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
1000	1100		Solomon Islands, SIBC	English/Pidgin	5020do				
1000	1100		Somalia (Puntland) R Hage Somalia	Somali	6915do	3980al			
1000	1100		South Africa, Channel Africa	English	9625af				
1000	1100		South Africa, R Sonder Grense	Afrikaans	9650do				
1000	1100		South Korea, KBS World R	Japanese	9805as				
1000	1100		South Korea, KBS World R	Korean	7275as	9570as			
1000	1100		South Korea, 1st Global Korean Netwk	Korean	6015as				
1000	1100		Spain, R Exterior de Espana	Spanish	15585eu	21540af			
1000	1100		Sri Lanka, SLBC	Malayalam	6005as	7190as		11905as	
1000	1100		Sudan, Sudan R	Arabic	7200do				
1000	1100		Taiwan, R Taiwan Intl	Amoy	15465as				
1000	1100		Taiwan, R Taiwan Intl	Chinese	6085as	6105as	6150as	7385as	
					9780as	11665as			
1000	1100		Taiwan, R Taiwan Intl	Indonesian	11520as	11915as			
1000	1100		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1000	1100		Tajikistan, VO Tajik	Uzbek	7245as				
1000	1100		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1000	1100		Thailand, R Thailand World Svc	Thai	17820me				
1000	1100		Turkey, Voice of Turkey	Turkish	11955va	13635va			
1000	1100		Uganda, UBC Radio	English/Swahili/vernaculars	7195do				
1000	1100		UK, BBC World Service	English	6190af	6195as	9740as	11760me	
					12095af	15285as	15310as	15575me	
					17640af	17760as	17790as	21470af	
					21660as				
1000	1100	Sat/Sun	UK, BBC World Service	English	15400af	17830af			
1000	1100		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1000	1100		USA, BBG/R Farda	Farsi	7435as	13860as	15680as	15690as	
1000	1100		USA, BBG/R Free Asia	Tibetan	13680as	15435as	17495as		
1000	1100		USA, BBG/R Marti	Spanish	6030ca	9805ca			
1000	1100		USA, BBG/VOA R Mashaal	Pashto	12130as	15360as	15740as		
1000	1100		USA, BBG/Voice of America	Chinese	11825as	11965as	13610as	13740as	
					15250as	15665as	17485as	21695as	
1000	1100		USA, FBN/WTJC Newport NC	English	9370na				
1000	1100		USA, KNLS Anchor Point AK	English	9655as				
1000	1100		USA, WBCQ Monticello ME	English	9330am				
1000	1100		USA, WEWN/EWTN Irontdale AL	English	11520as				
1000	1100		USA, WEWN/EWTN Irontdale AL	Spanish	7555ca	12050sa			
1000	1100		USA, WHRI Cypress Creek SC	English	7315am	7385na			
1000	1100		USA, WRMI Miami FL	English/Spanish	9955am				
1000	1100		USA, WTWW Lebanon TN	English	5755va				
1000	1100		USA, WWCR Nashville TN	English	4840na	5890af	5935af	6875af	
1000	1100		USA, WWRB Manchester TN	English	3185na				
1000	1100		USA, WYFR/Family R Worldwide	English	9465as				
1000	1100		USA, WYFR/Family R Worldwide	English/Japanese	9545as	9920as			
1000	1100		USA, WYFR/Family R Worldwide	Mandarin	9545as	9920as	11565as		
1000	1100		USA, WYFR/Family R Worldwide	Vietnamese	9455as				
1000	1100		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
1000	1100		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
1000	1100		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars	7210do				
1000	1100		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars	5975do				
1000	1100		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars	7435do	9635do			
1000	1100		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars	9530do				
1000	1100		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do				
1000	1100		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do				
1000	1100		Yemen, Rep of Yemen R	Arabic	6135me				
1000	1100		Zambia, Christian Voice	English	6065af				
1000	1100		Zambia, CVC Intl/1 Africa	English	13590af				
1000	1100		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1000	1100		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1015	1100		Egypt, R Cairo	Arabic	17480as				
1015	1100	mtwhf	Guam, KTWR/TWR Asia	Chinese	11895as				
1030	1055		Turkey, Voice of Turkey	Uzbek	13650as				
1030	1100		Australia, HCJB Global Australia	Chinese	15400as				
1030	1100		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1030	1100		Bolivia, R San Miguel	Spanish	4699do				
1030	1100		China, China Natl R/CNR11	Tibetan	6030do				
1030	1100		China, China R International	Indonesian	15135as	17605as			
1030	1100		China, China R International	Khmer	15160as	17680as			
1030	1100		China, Xinjiang PBS	Kyrgyz	7295do	9705do			

1030	1100	Sat/Sun	Germany, Evangelische Missions-Gemeiden	German	6055eu			
1030	1100		Guam, KTWR/TWR Asia	Sudanese	15200as			
1030	1100		India, All India R/Gangtok	French	4835do			
1030	1100		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1030	1100		India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
1030	1100		India, All India R/Port Blair	Nicobarese	4760do			
1030	1100	wh	Indonesia, AWR Asia/Pacific	Ilonggo	17550as			
1030	1100	fs	Indonesia, AWR Asia/Pacific	Ilocano	17550as			
1030	1100	mta	Indonesia, AWR Asia/Pacific	Tagalog	17550as			
1030	1100		Iran, VO Islamic Rep of Iran	English	21590va		21640va	
1030	1100		Japan, R Japan NHK World	Burmese	11740as			
1030	1100		Mongolia, Voice of Mongolia	English	12085as			
1030	1100		Myanmar, Rakhin BC Sta	Kayah	7345do			
1030	1100		Myanmar, Thazin BC Sta	Burmese	7110do			
1030	1100		Peru, Ondas del Huallaga	Spanish	3330do			
1030	1100		Peru, R Sicuani	Spanish/Quechua	4826do			
1030	1100		Philippines, FEBC Philippines	Lu	12095as			
1030	1100		Philippines, FEBC Philippines	Sasak	15580as			
1030	1100		Philippines, R Veritas Asia	Vietnamese	11850as			
1030	1100		South Korea, KBS World R	Vietnamese	9770as			
1030	1100		Taiwan, R Taiwan Intl	Hakka	11625as		15270as	
1030	1100		UK, BBC World Service	Pashto	13820as		17870as	
1030	1100		USA, BBG/R Farda	Farsi	17695as			
1030	1100		USA, BBG/R Free Afghanistan	Dari	15090as		17685as	
1030	1100		USA, WINB Red Lion PA	English	9265am			
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as		12020as	
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as			
1045	1100		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1045	1100		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1045	1100		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1045	1100		Pakistan, PBC/R Pakistan	Hindi	9805as		11865as	
1045	1100		Peru, La Voz de las Huarinjas	Spanish	5059do			
1045	1100		Peru, R Bethel	Spanish	5921do			
1055	1100		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do		
1055	1100	mtwhfa	Vatican City State, Vatican R	Portuguese	13730am			
1059	1100		New Zealand, R New Zealand Intl	English	9655pa			

1100 UTC - 7AM EDT / 6AM CDT / 4AM PDT

1100	1103	mtwhf	Monaco, R Monaco	French	4363usb	8728usb	13146usb	17260usb
1100	1104		Pakistan, PBC/R Pakistan	English	15725as	17720as		
1100	1104		Pakistan, PBC/R Pakistan	Urdu	15725eu	17720eu		
1100	1115		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1100	1115		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		6110do		
1100	1115	mtws	Philippines, FEBC Philippines	Chin	15330as			
1100	1115	hfa	Philippines, FEBC Philippines	Karen	15330as			
1100	1115	Sun	Switzerland, Stimme Des Trostes	German	5945eu			
1100	1115		Thailand, R Thailand World Svc	Vietnamese	5875as			
1100	1125		Turkey, Voice of Turkey	Bulgarian	7210eu			
1100	1127		Iran, VO Islamic Rep of Iran	English	21590va		21640va	
1100	1127		Philippines, R Veritas Asia	Vietnamese	11850as			
1100	1130		Australia, HCJB Global Australia	Chinese	15400as			
1100	1130		China, China R International	Indonesian	15135as		17605as	
1100	1130		China, China R International	Khmer	15160as		17680as	
1100	1130		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	7280do		9505do	
1100	1130		China, VO Guangxi/Beibu Bay R	Vietnamese	5050do		9820do	
1100	1130		France, R France International	French	15680as			
1100	1130	Sat	Germany, Evangelische Missions-Gemeiden	Russian	13710eu			
1100	1130		Guam, KTWR/TWR Asia	Vietnamese	11580as			
1100	1130		India, All India R/External Svc	Urdu	7250as		7340as	9595as
1100	1130		India, All India R/Gangtok	Lepcha	4835do			11620as
1100	1130		India, All India R/Gangtok	Nepali	4835do			
1100	1130		India, All India R/Guwahati	English/Hindi/Nepali/Assamese/Bodo			7280do	
1100	1130		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		7230do		
1100	1130		India, All India R/Port Blair	Telugu	4760do			
1100	1130		Indonesia, AWR Asia/Pacific	Indonesian	15540as			
1100	1130	f/ DRM	Japan, R Japan NHK World	English	9760eu			
1100	1130		Japan, R Japan NHK World	Russian	6090as			
1100	1130		Japan, R Japan NHK World	Vietnamese	9695as			
1100	1130		Myanmar, Rakhin BC Sta	Kayah	7345do			
1100	1130		Philippines, FEBC Philippines	Hmong	12095as			
1100	1130	tha	Philippines, FEBC Philippines	Jarai	9920as			
1100	1130	mtws	Philippines, FEBC Philippines	Rade	9920as			
1100	1130		Solomon Islands, SIBC	English/Pidgin	5020do			
1100	1130		Somalia (Puntland) R Hage Somalia	Somali	6915do		3980al	
1100	1130	Sat/DRM	South Korea, KBS World R	English	9760eu			
1100	1130		South Korea, KBS World R	Vietnamese	9770as			
1100	1130		UK, BBC World Service	English	15400af			
1100	1130		UK, BBC World Service	Pashto	13820as		17870as	

1100	1130		UK, BBC World Service	Somali	15330af	17780af		
1100	1130		USA, BBG/R Free Afghanistan	Dari	15090as	17685as		
1100	1130	Sat	USA, BBG/Voice of America	French	11925af	13775af	15715af	17850af
1100	1130	mtwhfa	Vatican City State, Vatican R	Portuguese	13730am			
1100	1130		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
1100	1130		Vietnam, VO Vietnam/Overseas Svc	English	7285as			
1100	1130		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1100	1140		Clandestine, MND Radio	Korean	5410as	6300as		
1100	1145		Pakistan, PBC/R Pakistan	Hindi	9805as	11865as		
1100	1155		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as			
1100	1155		Saudi Arabia, BSKSA/First General Pgm	Arabic	15490eu	17805af		
1100	1155		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11935me	17570as	17615as	
1100	1155		Turkey, Voice of Turkey	Chinese	15240as			
1100	1155		Turkey, Voice of Turkey	Turkish	11955va	13635va		
1100	1156		Romania, R Romania Intl	English	15210eu	15430eu	17510af	17670af
1100	1157		Iran, VO Islamic Rep of Iran	Dari	13840as	15500as		
1100	1157		Netherlands, R Netherlands Worldwide	Spanish	9895am			
1100	1157		North Korea, Voice of Korea	Chinese	7220as	9345as		
1100	1157		North Korea, Voice of Korea	French	11710ca	11735as	13650as	15180sa
1100	1157		North Korea, Voice of Korea	Japanese	6070as	9650as	11865as	
1100	1157		Philippines, R Veritas Asia	Mandarin	11945as			
1100	1158	DRM	New Zealand, R New Zealand Intl	English	7440pa			
1100	1200		Anguilla, University Network	English	11775na			
1100	1200	mtwhf	Argentina, RAE	Portuguese	6060am	11710am		
1100	1200		Australia, ABC NT Alice Springs	English	2310do			
1100	1200		Australia, ABC NT Katherine	English	2485do			
1100	1200		Australia, ABC NT Tennant Creek	English	2325do			
1100	1200		Australia, ABC/R Australia	English	6020pa	6080pa	6140as	9475as
					9580pa	11945va		
1100	1200	DRM	Australia, ABC/R Australia	English	12080pa			
1100	1200		Australia, R Symban	Greek	2369do			
1100	1200		Bahrain, R Bahrain	Arabic	9745me			
1100	1200		Bahrain, R Bahrain	English	6010me			
1100	1200		Bangladesh Betar/Home Svc	English/Bengali	4750as			
1100	1200		Belarus, R Belarus	Belarusian	11730eu			
1100	1200	f/DRM	Belgium, TDP Radio	English	6015eu			
1100	1200		Benin, ORTB	French/Yoruba/vernaculars		5025do		
1100	1200		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
1100	1200		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1100	1200		Bolivia, R Eco	Spanish	4409do			
1100	1200		Bolivia, R Em Camargo	Spanish/Aymara	3390do			
1100	1200		Bolivia, R Fides	Spanish/Aymara	6155do			
1100	1200		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1100	1200		Bolivia, R Lipéz	Spanish/Aymara	4796do			
1100	1200		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1100	1200		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
1100	1200		Bolivia, R Panamericana	Spanish	5765do	6105do		
1100	1200		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1100	1200		Bolivia, R San Jose	Spanish	5580do			
1100	1200		Bolivia, R San Miguel	Spanish	4699do			
1100	1200		Bolivia, R Santa Ana	Spanish	4451do			
1100	1200		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1100	1200		Bolivia, R Tacana	Spanish	4782do			
1100	1200		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
1100	1200		Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
1100	1200		Brazil, Educadora/Braganca	Portuguese	4825do			
1100	1200		Brazil, Iguatemi	Portuguese	4975do			
1100	1200		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1100	1200		Brazil, R Anhanguera	Portuguese	4905do			
1100	1200		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1100	1200		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1100	1200		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1100	1200		Brazil, R Brasil Central	Portuguese	4985do	11815do		
1100	1200		Brazil, R Caiari	Portuguese	4785do			
1100	1200		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1100	1200		Brazil, R Capital	Portuguese	6070do			
1100	1200		Brazil, R Capixaba	Portuguese	4935do			
1100	1200		Brazil, R Clube do Para	Portuguese	4885do			
1100	1200		Brazil, R Congonhas	Portuguese	4775do			
1100	1200		Brazil, R Cultura do Para	Portuguese	5045do			
1100	1200		Brazil, R Cultura Filadelfia	Portuguese	6105do			
1100	1200		Brazil, R Cultura/Araraquara	Portuguese	3365do			
1100	1200		Brazil, R Cultura/Manaus	Portuguese	4845do			
1100	1200		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1100	1200		Brazil, R Difusora Acreana	Portuguese	4885do			
1100	1200		Brazil, R Difusora do Amazonas	Portuguese	4805do			
1100	1200		Brazil, R Difusora Roraima	Portuguese	4875do			
1100	1200		Brazil, R Difusora/Caceres	Portuguese	5055do			
1100	1200		Brazil, R Difusora/Londrina	Portuguese	4815do			
1100	1200		Brazil, R Difusora/Macapá	Portuguese	4915do			

1100	1200	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1100	1200	Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
1100	1200	Brazil, R Educadora Rural/Tefe	Portuguese	4925do				
1100	1200	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do				
1100	1200	Brazil, R Educadora/Limeira	Portuguese	2380do				
1100	1200	Brazil, R Gaucha	Portuguese	6020do	11915do			
1100	1200	Brazil, R Gazeta	Portuguese	5955do	9685do			
1100	1200	Brazil, R Guaiba	Portuguese	6000do	11785do			
1100	1200	Brazil, R Guaruja Paulista	Portuguese	5045do				
1100	1200	Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
1100	1200	Brazil, R Imaculada Conceicao	Portuguese	4755do				
1100	1200	Brazil, R Inconfidencia	Portuguese	6010do	15190do			
1100	1200	Brazil, R Itatiaia	Portuguese	5970do				
1100	1200	Brazil, R Maria	Portuguese	4885do				
1100	1200	Brazil, R Marumby	Portuguese	6080do	9515do			
1100	1200	Brazil, R Meteorologia Paulista	Portuguese	4845do				
1100	1200	Brazil, R Mundial	Portuguese	3325do				
1100	1200	Brazil, R Municipal	Portuguese	3375do				
1100	1200	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
1100	1200	Brazil, R Nove de Julho	Portuguese	9820do				
1100	1200	Brazil, R Novo Tempo	Portuguese	4895do				
1100	1200	Brazil, R Record	Portuguese	6150do	9505do			
1100	1200	Brazil, R Rio Mar	Portuguese	6160do	9695do			
1100	1200	Brazil, R Trans Mundial	Portuguese	9530do	11735do			
1100	1200	Brazil, R Verdes Florestas	Portuguese	4865do				
1100	1200	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1100	1200	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
1100	1200	Brazil, Super R Alvorada	Portuguese	2460do				
1100	1200	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
1100	1200	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
1100	1200	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1100	1200	Sat/Sun Canada, CBC Northern Quebec Svc	English	9625na				
1100	1200	Canada, CFRX Toronto ON	English	6070na				
1100	1200	Canada, CFVP Calgary AB	English	6030na				
1100	1200	Canada, CKZN St Johns NF	English	6160na				
1100	1200	Canada, CKZU Vancouver BC	English	6160na				
1100	1200	Central African Rep, R Centrafrique	French/Sango	5035do				
1100	1200	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
1100	1200	Chile, CVC La Voz	Spanish	9635sa	17680sa			
1100	1200	China, China Huayi BC	Amoy/Chinese	6185do				
1100	1200	China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do		
1100	1200	China, China Natl R/CNR13	Uyghur	9420do	9890do			
1100	1200	China, China R International	Bulgarian	7220eu				
1100	1200	China, China R International	Burmese	9880as				
1100	1200	China, China R International	Cantonese	9540as	9590as	9645as	13580pa	
1100	1200	China, China R International	Chaozhou	9440as	11875as			
1100	1200	China, China R International	Chinese	7435as	11750pa	13610as	13755as	
				15440eu	17650eu			
1100	1200	China, China R International	Czech	13685eu	15225eu			
1100	1200	China, China R International	English	5955as	6040na	11650as	11660as	
				11750na	11795as	13590as	13645as	
				13650eu	13720as	17490eu		
1100	1200	China, China R International	Esperanto	11635as	15110as			
1100	1200	China, China R International	Japanese	7325as	11620as			
1100	1200	China, China R International	Korean	13620as				
1100	1200	China, China R International	Mongolian	7390as	11610as			
1100	1200	China, China R International	Russian	9725as	9890as	11935as		
1100	1200	China, China R International	Vietnamese	9550as	11600as	11780as	17530as	
1100	1200	China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do		
1100	1200	China, CNR/VO Minorities/CNR13	Uyghur	9420do	13700do			
1100	1200	China, CNR/VO Minorities/CNR8	Korean	5975do	6020do			
1100	1200	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do			
1100	1200	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do			
1100	1200	China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
1100	1200	China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
1100	1200	China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	9505do				
1100	1200	China, Hulun Buir PBS	Mongolian	6080do				
1100	1200	China, Nei Menggu PBS	Chinese	7420do	9520do			
1100	1200	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1100	1200	China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
1100	1200	China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
				7450do				
1100	1200	China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
				6130do	6200do	7255do	7385do	
1100	1200	China, Xinjiang PBS	Chinese	5960do	7260do	9600do	11770do	
1100	1200	China, Xinjiang PBS	Kazakh	7340do	9470do			
1100	1200	China, Xinjiang PBS	Kyrgyz	7295do	9705do			
1100	1200	China, Xinjiang PBS	Uyghur	7205do	7275do	9560do	11885do	
				13670do				
1100	1200	China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do			

1100	1200		China, Yunnan PBS/VO Shangri-La	Chinese	6035do			
1100	1200		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1100	1200		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1100	1200		Clandestine, R Free Sarawak	English/Iban/Malay	15420as			
1100	1200		Clandestine, Sound of Hope R Intl	Chinese	7280as	11970as	12980as	13130as
					13270as	13350as	13880as	14700as
					16100as	16980as		
1100	1200		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1100	1200		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1100	1200		Colombia, La Voz del Guaviare	Spanish	6035do			
1100	1200		Colombia, R Alcaravan	Spanish	5910do			
1100	1200		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1100	1200		Croatia, Voice of Croatia	Croatian/various	7410eu	11675pa		
1100	1200		Cuba, R Havana Cuba	Spanish	6150am	9540ca	9550na	9850na
					11690ca	11760na	11860na	15230sa
					17730sa	17580sa		
1100	1200		Cuba, R Rebelde	Spanish	5025na			
1100	1200		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1100	1200		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1100	1200	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1100	1200		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1100	1200		Ecuador, R Quito	Spanish/Quechua	4919do			
1100	1200		Egypt, R Cairo	Arabic	17480as			
1100	1200		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1100	1200		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1100	1200		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1100	1200		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1100	1200		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1100	1200	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11720eu		
1100	1200	DRM	France, R France International	French	3965af			
1100	1200		Gabon, Africa No. 1	French	9580af			
1100	1200	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1100	1200		Germany, R 6150	German	6150eu			
1100	1200		Germany, R 700	German	3995eu			
1100	1200		Guam, KTWR/TWR Asia	Chinese	9910as	11895as	13765as	
1100	1200		Guinea, RTV Guinee	French/vernacular	7125do			
1100	1200		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1100	1200		Honduras, R Luz y Vida	Spanish	3250do			
1100	1200		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
1100	1200		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1100	1200		India, All India R/Itanagar	English/Hindi/Buddist minority		4990do		
1100	1200		India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
1100	1200		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4950do		
1100	1200		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1100	1200		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1100	1200		Indonesia, AWR Asia/Pacific	Chinese	11775as	12080as	12105as	
1100	1200		Indonesia, RRI Biak	Indonesian	4920do			
1100	1200		Indonesia, RRI Fak Fak	Indonesian	4790do			
1100	1200		Indonesia, RRI Jakarta	Indonesian	9680do			
1100	1200		Indonesia, RRI Jambi	Indonesian	4925do			
1100	1200		Indonesia, RRI Kendari	Indonesian	3995do			
1100	1200		Indonesia, RRI Makassar	Indonesian	4750do			
1100	1200		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1100	1200		Indonesia, RRI Pontianak	Indonesian	3976do			
1100	1200		Indonesia, RRI Pontianak	Indonesian	3976do			
1100	1200		Indonesia, RRI Serui	Indonesian	4605do			
1100	1200		Indonesia, RRI Ternate	Indonesian	3345do			
1100	1200		Indonesia, RRI Wamena	Indonesian	4870do			
1100	1200		Indonesia, VO Indonesia	Chinese	9526va			
1100	1200		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
1100	1200		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1100	1200		Japan, R Japan NHK World	Japanese	9750as	11815as	15590as	17895va
1100	1200	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1100	1200		Kuwait, R Kuwait/General Svc	Arabic	9750af	11630af	21540va	
1100	1200		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1100	1200		Laos, LNR Natl Svc/Vientane	Lao	6130do			
1100	1200		Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
1100	1200		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
1100	1200		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
1100	1200		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1100	1200		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1100	1200		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
1100	1200		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1100	1200		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1100	1200		Mexico, R Mil Onda Corta	Spanish	6010do			
1100	1200		Mexico, R Transcontinental de America	Spanish	4800do			
1100	1200		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1100	1200		Morocco, R Marocaine	Arabic	15349af			
1100	1200		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			

1100	1200		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do	5985do		
1100	1200		Myanmar, Myanma R/Yangon	Burmese/vernaculars	7200do	7185al		
1100	1200		Myanmar, Thazin BC Sta	Burmese	7110do			
1100	1200		Nepal, R Nepal	Nepali	5005do			
1100	1200		New Zealand, R New Zealand Intl	English	9655pa			
1100	1200		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1100	1200		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1100	1200		Nigeria, Voice of Nigeria	English	9690af			
1100	1200		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1100	1200		Papua New Guinea, R Buka	Tok Pisin	3325do			
1100	1200		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
1100	1200		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
1100	1200		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
1100	1200		Papua New Guinea, R Fly	Tok Pisin/English	3915do			
1100	1200		Papua New Guinea, R Madang	Tok Pisin	3260do			
1100	1200		Papua New Guinea, R Manus	Tok Pisin	3315do			
1100	1200		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
1100	1200		Papua New Guinea, R New Ireland	Tok Pisin	3905do			
1100	1200		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do		
1100	1200		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1100	1200		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
1100	1200		Papua New Guinea, R Western	Tok Pisin/English	3305do			
1100	1200		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
1100	1200		Peru, La Voz de la Selva	Spanish	4824do			
1100	1200		Peru, La Voz de las Huarinjas	Spanish	5059do			
1100	1200		Peru, Ondas del Huallaga	Spanish	3330do			
1100	1200		Peru, R Ancash	Spanish	4990do	4992al		
1100	1200		Peru, R Andina	Spanish	4995do			
1100	1200		Peru, R Bethel	Spanish	5921do			
1100	1200		Peru, R Cultural Amauta	Spanish	4955do			
1100	1200		Peru, R Cusco	Spanish	4780do			
1100	1200		Peru, R Genesis	Spanish	4850do			
1100	1200		Peru, R Horizonte	Spanish	5020do			
1100	1200		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
1100	1200		Peru, R JPJ del Peru	Spanish	3355do			
1100	1200		Peru, R Libertad de Junin	Spanish	5039do			
1100	1200	Sun	Peru, R Madre de Dios	Spanish	4950do			
1100	1200		Peru, R Manantial	Spanish/Quechua	4987do			
1100	1200		Peru, R Maranon	Spanish	4835do			
1100	1200		Peru, R Ondas del Sur Oriente	Spanish	5120do			
1100	1200		Peru, R Quillabamba	Spanish/Quechua	5025do			
1100	1200		Peru, R Reina de la Selva	Spanish/Quechua	5487do			
1100	1200		Peru, R Santa Rosa	Spanish	6047do			
1100	1200		Peru, R Sicuani	Spanish/Quechua	4826do			
1100	1200		Peru, R Tarma	Spanish	4775do			
1100	1200		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
1100	1200		Peru, R Union	Spanish	6115do			
1100	1200		Peru, R Victoria	Spanish	6020do	9720do		
1100	1200		Peru, R Virgen del Carmen	Spanish	4887do	4895al		
1100	1200		Peru, R Vision	Spanish	4790do			
1100	1200		Philippines, FEBC Philippines	Chinese	9400as	9430as		
1100	1200		Philippines, FEBC Philippines	Vietnamese	9855as			
1100	1200		Russia, R Rossii	Russian	13665eu			
1100	1200	DRM	Russia, Voice of Russia	English	12030as			
1100	1200		Russia, Voice of Russia	English	9560as	11500as	12065as	
1100	1200	DRM	Russia, Voice of Russia	German	9850eu			
1100	1200		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
1100	1200		Saudi Arabia, BSKSA/External Svc	English	15250as			
1100	1200		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me			
1100	1200		South Africa, Channel Africa	English	9625af			
1100	1200		South Africa, R Sonder Grense	Afrikaans	9650do			
1100	1200		South Korea, KBS World R	Spanish	11795sa			
1100	1200		South Korea, 1st Global Korean Netwk	Korean	6015as			
1100	1200		Spain, R Exterior de Espana	Spanish	15585eu	21540af	21610me	
1100	1200		Sri Lanka, SLBC	Tamil	6005as	7190as	11905as	
1100	1200		Sudan, Sudan R	Arabic	7200do			
1100	1200		Taiwan, R Taiwan Intl	Chinese	6085as	6150as	7385as	9680as
					9780as	11625as	11710as	
1100	1200		Taiwan, R Taiwan Intl	English	7445as	9465as		
1100	1200		Taiwan, R Taiwan Intl	Japanese	9735as			
1100	1200		Taiwan, R Taiwan Intl	Russian	11985as			
1100	1200		Tajikistan, R Tojikiston/TR1	Russian	4765as			
1100	1200		Tajikistan, VO Tajik	Hindi	7245as			
1100	1200		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
1100	1200		Uganda, UBC Radio	English/Swahili/vernaculars		7195do		
1100	1200		UK, BBC World Service	English	6190af	6195as	9740as	11760me
					12095af	15285as	15310as	15575me
					17640af	17790as	17830af	21470af
1100	1200		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	

1100	1200	USA, BBG/R Farda	Farsi	7435as	12005as	15680as	15690as
1100	1200	USA, BBG/R Free Asia	Lao	9325as	15120as		
1100	1200	USA, BBG/R Free Asia	Tibetan	7470as	13830as	15670as	17495as
1100	1200	USA, BBG/R Marti	Spanish	6030ca	9805ca		
1100	1200	USA, BBG/VOA R Mashaal	Pashto	12130as	15320as	15360as	
1100	1200	USA, BBG/Voice of America	Chinese	6110as	9845as	11785as	11825as
				12040as	15250as		
1100	1200	USA, FBN/WTJC Newport NC	English	9370na			
1100	1200	USA, KNLS Anchor Point AK	Mandarin	9610as			
1100	1200	USA, WBCQ Monticello ME	English	9330am			
1100	1200	USA, WEWN/EWTN Irondale AL	English	11520as			
1100	1200	USA, WEWN/EWTN Irondale AL	Spanish	7555ca	12050sa		
1100	1200	USA, WHRI Cypress Creek SC	English	7315am	9795am		
1100	1200	USA, WINB Red Lion PA	English	9265am			
1100	1200	USA, WRMI Miami FL	English/Spanish	9955am			
1100	1200	USA, WTWW Lebanon TN	English	5755va			
1100	1200	USA, WWCR Nashville TN	English	4840na	5890af	5935af	15825eu
1100	1200	USA, WWRB Manchester TN	English	3185na			
1100	1200	USA, WYFR/Family R Worldwide	Bahasa Indonesian	11915as			
1100	1200	USA, WYFR/Family R Worldwide	Burmese	6220as			
1100	1200	USA, WYFR/Family R Worldwide	English/Japanese	6420as	9280as	9460as	
1100	1200	USA, WYFR/Family R Worldwide	Indonesian	11915as			
1100	1200	USA, WYFR/Family R Worldwide	Korean	9955as			
1100	1200	USA, WYFR/Family R Worldwide	Mandarin	6240as	9280as		
1100	1200	USA, WYFR/Family R Worldwide	Tagalog	11520as			
1100	1200	Uzbekistan, CVC/The Voice Asia	Hindi	9660as			
1100	1200	Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1100	1200	Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
1100	1200	Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
1100	1200	Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1100	1200	Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		
1100	1200	Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
1100	1200	Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do		
1100	1200	Yemen, Rep of Yemen R	Arabic	6135me			
1100	1200	Zambia, Christian Voice	English	6065af			
1100	1200	Zambia, CVC Intl/1 Africa	English	13590af			
1100	1200	Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1100	1200	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1115	1130	Thailand, R Thailand World Svc	Khmer	5875as			
1115	1145	Philippines, FEBC Philippines	Mon	15330as			
1115	1200	India, All India R/External Svc	Tamil	7270as	13695as	15050as	15770as
				17810as	17860as		
1115	1200	India, All India R/External Svc	Thai	13645as	15410as	17740as	
1120	1200	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4950do		
1130	1140	India, All India R/Delhi	Hindi	9595do	11620do		
1130	1140	India, All India R/Gorakhpur	Hindi/English	7250do			
1130	1140	India, All India R/Gorakhpur	Hindi/English	7250do			
1130	1140	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		7340do		
1130	1145	Thailand, R Thailand World Svc	Lao	5875as			
1130	1157	Iran, VO Islamic Rep of Iran	Hausa	21505af	21750af		
1130	1157	Philippines, R Veritas Asia	Myanmar	15450as			
1130	1200	Sat/Sun	Australia, HCJB Global Australia	Chinese	15400as		
1130	1200	mtwhf	Australia, HCJB Global Australia	Fujian	15400as		
1130	1200		China, China R International	Filipino	6060as	7390as	11955as
				12110as			12070as
1130	1200		China, China R International	Thai	7360as	9785as	
1130	1200		China, CNR/VO Pujiang	Amoy/Wu	3280do	4950do	5075do
1130	1200	Sat/Sun	China, VO Guangxi/Beibu Bay R	Thai	5050do	9820do	
1130	1200		China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do	
1130	1200		Clandestine, Sound of Hope R Intl	Chinese	15750as		
1130	1200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa		
1130	1200		Guatemala, R Verdad	English/Spanish	4055do		
1130	1200		India, All India R/Aizawl	English/Hindi/Mizo	5050do		
1130	1200		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do	
1130	1200		India, All India R/Gangtok	Limboo	4835do		
1130	1200		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do	
1130	1200		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		4910do	
1130	1200		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit		5040do	
1130	1200		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do	
1130	1200		India, All India R/Port Blair	Tamil	4760do		
1130	1200		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4760do	
1130	1200		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		6020do	
1130	1200	mwf	Indonesia, AWR Asia/Pacific	Javanese	15540as		
1130	1200	thas	Indonesia, AWR Asia/Pacific	Sudanese	15540as		
1130	1200		Japan, R Japan NHK World	Korean	6090as		
1130	1200	f/ DRM	Japan, R Japan NHK World	Russian	9760eu		
1130	1200		Japan, R Japan NHK World	Thai	11740as		
1130	1200		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do	
1130	1200		Myanmar, Rakhin BC Sta	Gekho	7345do		
1130	1200	mwf	Philippines, FEBC Philippines	Bahnar	9920as		

1130	1200	ta	Philippines, FEBC Philippines	Chrau	9920as			
1130	1200	ha	Philippines, FEBC Philippines	Chru	9920as			
1130	1200		Philippines, FEBC Philippines	Lao	12095as			
1130	1200		South Korea, KBS World R	Chinese	6095as	9770as		
1130	1200		Turkey, Voice of Turkey	German	13760eu			
1130	1200		USA, BBG/R Free Afghanistan	Pashto	15090as	15680as	17685as	
1130	1200		USA, BBG/R Free Asia	Khmer	12140as	15145as		
1130	1200		USA, BBG/Voice of America	Burmese	11965as	15350as	17770as	
1130	1200		USA, Suab Xaa Mao Zoo	Hmong	11570as			
1130	1200	f	Vatican City State, Vatican R	English (Mass)	15595as	17590as		
1130	1200		Vatican City State, Vatican R	Spanish	13730ca			
1130	1200		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do		
1130	1200		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1130	1200		Vietnam, VO Vietnam/Overseas Svc	Russian	7220as	12000as		
1135	1145		India, All India R/Aizawl	English	5050do			
1135	1145		India, All India R/Delhi	English	9595do	11710do	15185do	
1135	1145		India, All India R/Shillong	English	4970do			
1145	1200		Armenia, Public R of Armenia	Azeri	4810me			
1145	1200		Australia, HCJB Global Australia	Indonesian	15340as			
1145	1200		India, All India R/External Svc	Chinese	11840as	15795as	17705as	
1145	1200		India, All India R/Kolkata	Bengali/English/Hindi/Santhoni		4820do		
1145	1200		Pakistan, PBC/R Pakistan	Gujarati	9805as	11865as		
1145	1200		Philippines, FEBC Philippines	Karen	15330as			
1145	1200		Thailand, R Thailand World Svc	Burmese	5875as			
1155	1200		Vatican City State, Vatican R	Italian	7250eu	9645eu	11740eu	17590eu
1155	1200		Vatican City State, Vatican R	Italian	21675af			
1157	1200		China, Xinjiang PBS	Chinese	7310do			

1200 UTC - 8AM EDT / 7AM CDT / 5AM PDT

1200	1215		Armenia, Public R of Armenia	Azeri	4810me			
1200	1215	Sat/Sun	Armenia, Public R of Armenia	Turkish	4810me			
1200	1215		Egypt, R Cairo	Arabic	17480as			
1200	1215		Guam, KTWR/TWR Asia	Yue	11580as			
1200	1215		India, All India R/External Svc	Tamil	7270as	13695as	15050as	15770as
					17810as	17860as		
1200	1215		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1200	1215		Pakistan, PBC/R Pakistan	Gujarati	9805as	11865as		
1200	1215		Philippines, FEBC Philippines	Rawang	12120as			
1200	1215		Sri Lanka, SLBC	Tamil	6005as	7190as	11905as	
1200	1215		Thailand, R Thailand World Svc	Malay	9890as			
1200	1215	mtwhfa	Vatican City State, Vatican R	English	13730ca			
1200	1215	Sun	Vatican City State, Vatican R	Spanish	13730ca			
1200	1220		Vatican City State, Vatican R	Italian	21675af			
1200	1225		Saudi Arabia, BSKSA/External Svc	English	15250as			
1200	1225		Turkey, Voice of Turkey	German	13760eu			
1200	1225		Turkey, Voice of Turkey	Turkmen	11825va			
1200	1227		China, Xinjiang PBS	Uyghur	3990do	7205do	7275do	9560do
					11885do	13670do		
1200	1227		Iran, VO Islamic Rep of Iran	Hebrew	13685me			
1200	1227		Philippines, R Veritas Asia	Hmong	11935as			
1200	1230		Australia, HCJB Global Australia	Chinese	15400as			
1200	1230	Sun	Australia, HCJB Global Australia	Indonesian	15340as			
1200	1230		Australia, HCJB Global Australia	Malay	15340as			
1200	1230		China, China R International	Filipino	17505as			
1200	1230		China, China R International	Thai	7360as	9785as		
1200	1230		China, Xinjiang PBS	Kyrgyz	7295do	9705do		
1200	1230		Clandestine, VO Tibet	Chinese	15443as			
1200	1230		Germany, AWR Europe	English	17535as			
1200	1230		Guam, KTWR/TWR Asia	Chinese	9910as			
1200	1230		India, All India R/Chennai	Tamil	4920do			
1200	1230		India, All India R/Gangtok	Sikkimese	4835do			
1200	1230		India, All India R/Port Blair	Bengali	4760do			
1200	1230		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		6020do		
1200	1230		Indonesia, AWR Asia/Pacific	English	17535as			
1200	1230		Japan, R Japan NHK World	Chinese	6090as			
1200	1230		Japan, R Japan NHK World	English	6120na	9695as		
1200	1230	fa	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1200	1230		Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
1200	1230		Myanmar, Myanmar R/Yangon	Burmese/vernaculars	7200do	7185al		
1200	1230		Myanmar, Rakhin BC Sta	Gekho	7345do			
1200	1230	ha	Philippines, FEBC Philippines	Bru	9920as			
1200	1230	Sun	Philippines, FEBC Philippines	Cham	9920as			
1200	1230		Philippines, FEBC Philippines	Iu Mien	12095as			
1200	1230	mw	Philippines, FEBC Philippines	Roglai	9920as			
1200	1230	t	Philippines, FEBC Philippines	Sedang	9920as			
1200	1230	f	Philippines, FEBC Philippines	Tai	9920as			
1200	1230		Philippines, R Veritas Asia	Karen	15225as			
1200	1230		South Korea, KBS World R	Chinese	6095as	9770as		

1200	1230	Taiwan, R Taiwan Intl	Cantonese	6105as	11915as		
1200	1230	UK, BBC World Service	French	17525af	17715af	21630af	
1200	1230	UK, FEBA Radio	Tibetan	15215as			
1200	1230	USA, BBG/R Free Afghanistan	Pashto	15090as	15680as	17685as	
1200	1230	USA, BBG/R Free Europe/R Liberty	Kyrgyz	15165as	15265as	17735as	
1200	1230	USA, BBG/Voice of America	Burmese	11965as	15350as	17770as	
1200	1230	Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
1200	1230	Vietnam, VO Vietnam/Overseas Svc	French	7285as			
1200	1230	Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1200	1240	Clandestine, MND Radio	Korean	6020as	6230as		
1200	1245	mtwhf	Burmese	13765as			
1200	1250	North Korea, Korean Central BC Sta	Korean	11710ca	11735sa	13650as	15180sa
1200	1250	North Korea, Voice of Korea	Japanese	6070as	9650as	11865as	
1200	1255	Turkey, Voice of Turkey	Turkish	13635va			
1200	1255	Turkey, Voice of Turkey	Urdu	13710as			
1200	1256	Romania, R Romania Intl	German	9675eu	11875eu		
1200	1256	Romania, R Romania Intl	Romanian	9410eu	11700eu	15135eu	
1200	1257	Germany, Deutsche Welle	French	11800af	15275af	17810af	
1200	1257	Iran, VO Islamic Rep of Iran	Chinese	17610as	17670as	21500as	21650as
1200	1257	North Korea, Pyongyang BC Sta	Korean	7220as	9345as		
1200	1258	Clandestine, VO Resistance	Spanish	6070sa			
1200	1259	New Zealand, R New Zealand Intl	English	9655pa			
1200	1300	Anguilla, University Network	English	11775na			
1200	1300	mtwhf	Spanish	11710am			
1200	1300	Australia, ABC NT Alice Springs	English	2310do			
1200	1300	Australia, ABC NT Katherine	English	2485do			
1200	1300	Australia, ABC NT Tennant Creek	English	2325do			
1200	1300	Australia, ABC/R Australia	English	5995pa	6020pa	6080pa	6140as
				9475as	9580pa	11945as	12080pa
1200	1300	Bahrain, R Bahrain	Arabic	9745me			
1200	1300	Bahrain, R Bahrain	English	6010me			
1200	1300	Bangladesh Betar/Home Svc	English/Bengali	4750as			
1200	1300	Belarus, R Belarus	Belarusian	11730eu			
1200	1300	Sat/DRM	English	6015eu			
1200	1300	Benin, ORTB	French/Yoruba/vernaculars		5025do		
1200	1300	Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
1200	1300	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1200	1300	Bolivia, R Eco	Spanish	4409do			
1200	1300	Bolivia, R Em Camargo	Spanish/Aymara	3390do			
1200	1300	Bolivia, R Fides	Spanish/Aymara	6155do			
1200	1300	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1200	1300	Bolivia, R Lipez	Spanish/Aymara	4796do			
1200	1300	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1200	1300	Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
1200	1300	Bolivia, R Panamericana	Spanish	5765do	6105do		
1200	1300	Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1200	1300	Bolivia, R San Jose	Spanish	5580do			
1200	1300	Bolivia, R San Miguel	Spanish	4699do			
1200	1300	Bolivia, R Santa Ana	Spanish	4451do			
1200	1300	Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1200	1300	Bolivia, R Tacana	Spanish	4782do			
1200	1300	Brazil, Educadora/Braganca	Portuguese	4825do			
1200	1300	Brazil, R Alvorada/Londrina	Portuguese	4865do			
1200	1300	Brazil, R Anhanguera	Portuguese	4905do			
1200	1300	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1200	1300	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1200	1300	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1200	1300	Brazil, R Brasil Central	Portuguese	4985do	11815do		
1200	1300	Brazil, R Caiari	Portuguese	4785do			
1200	1300	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1200	1300	Brazil, R Capital	Portuguese	6070do			
1200	1300	Brazil, R Capixaba	Portuguese	4935do			
1200	1300	Brazil, R Clube do Para	Portuguese	4885do			
1200	1300	Brazil, R Congonhas	Portuguese	4775do			
1200	1300	Brazil, R Cultura do Para	Portuguese	5045do			
1200	1300	Brazil, R Cultura Filadelfia	Portuguese	6105do			
1200	1300	Brazil, R Cultura/Araraquara	Portuguese	3365do			
1200	1300	Brazil, R Cultura/Manaus	Portuguese	4845do			
1200	1300	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1200	1300	Brazil, R Difusora Acreana	Portuguese	4885do			
1200	1300	Brazil, R Difusora do Amazonas	Portuguese	4805do			
1200	1300	Brazil, R Difusora Roraima	Portuguese	4875do			
1200	1300	Brazil, R Difusora/Caceres	Portuguese	5055do			
1200	1300	Brazil, R Difusora/Londrina	Portuguese	4815do			
1200	1300	Brazil, R Difusora/Macapa	Portuguese	4915do			
1200	1300	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1200	1300	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1200	1300	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
1200	1300	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
1200	1300	Brazil, R Educadora/Limeira	Portuguese	2380do			

1200	1300		Brazil, R Gaucha	Portuguese	6020do	11915do		
1200	1300		Brazil, R Gazeta	Portuguese	5955do	9685do		
1200	1300		Brazil, R Guaiba	Portuguese	6000do	11785do		
1200	1300		Brazil, R Guarujá Paulista	Portuguese	5045do			
1200	1300		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1200	1300		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1200	1300		Brazil, R Itatiaia	Portuguese	5970do			
1200	1300		Brazil, R Maria	Portuguese	4885do			
1200	1300		Brazil, R Marumby	Portuguese	6080do	9515do		
1200	1300		Brazil, R Meteorologia Paulista	Portuguese	4845do			
1200	1300		Brazil, R Mundial	Portuguese	3325do			
1200	1300		Brazil, R Municipal	Portuguese	3375do			
1200	1300		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1200	1300		Brazil, R Nove de Julho	Portuguese	9820do			
1200	1300		Brazil, R Novo Tempo	Portuguese	4895do			
1200	1300		Brazil, R Record	Portuguese	6150do	9505do		
1200	1300		Brazil, R Rio Mar	Portuguese	6160do	9695do		
1200	1300		Brazil, R Trans Mundial	Portuguese	9530do	11735do		
1200	1300		Brazil, R Verdes Florestas	Portuguese	4865do			
1200	1300		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
1200	1300		Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
1200	1300		Brazil, Super R Alvorada	Portuguese	2460do			
1200	1300		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
1200	1300		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1200	1300		Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
1200	1300	Sat/Sun	Canada, CBC Northern Quebec Svc	English	9625na			
1200	1300		Canada, CFRX Toronto ON	English	6070na			
1200	1300		Canada, CFVP Calgary AB	English	6030na			
1200	1300		Canada, CKZN St Johns NF	English	6160na			
1200	1300		Canada, CKZU Vancouver BC	English	6160na			
1200	1300		Central African Rep, R Centrafrique	French/Sango	5035do			
1200	1300		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
1200	1300		Chile, CVC La Voz	Spanish	9635sa	17680sa		
1200	1300		China, China Huayi BC	Amoy/Chinese	6185do			
1200	1300		China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do	
1200	1300		China, China Natl R/CNR13	Uyghur	9420do	9890do		
1200	1300		China, China R International	Cantonese	9570na	11850na		
1200	1300		China, China R International	Chinese	7390as	7440as	9540as	9855as
					11640as	11790va	13610as	13755as
					13810va	15110me	17650eu	
1200	1300		China, China R International	English	5955as	9460as	9645as	9660as
					9730as	9760pa	11650as	11660as
					11690va	11760pa	11980as	13645as
					13650eu	13790eu	17490eu	
1200	1300		China, China R International	French	13710eu	15205eu		
1200	1300		China, China R International	Khmer	9440as	11680as		
1200	1300		China, China R International	Korean	13620as			
1200	1300		China, China R International	Mongolian	5915as	5990as		
1200	1300		China, China R International	Russian	6100as	7400as	9865eu	11935as
					13600va	17575va		
1200	1300		China, China R International	Serbian	7345eu			
1200	1300		China, China R International	Vietnamese	9550as	11600as	11780as	
1200	1300		China, CNR/VO Minorities/CNR11	Tibetan	9480do	9530do	11685do	
1200	1300		China, CNR/VO Minorities/CNR13	Uyghur	9420do	13700do		
1200	1300		China, CNR/VO Minorities/CNR8	Mongolian	5955do	9615do		
1200	1300		China, CNR/VO Pujiang	Amoy/Wu	3280do	4950do	5075do	
1200	1300		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
1200	1300		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1200	1300		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
1200	1300		China, Haixa zhi Sheng/VO Strait	Amoy	6115do			
1200	1300		China, Hulun Buir PBS	Mongolian	6080do			
1200	1300		China, Nei Menggu PBS	Chinese	7420do	9520do		
1200	1300		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1200	1300		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
1200	1300		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1200	1300		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	7255do	7385do
1200	1300	mtwhf	China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do		
1200	1300		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do
1200	1300		China, Xinjiang PBS	Kazakh	4330do	6015do		
1200	1300		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	
1200	1300		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do		
1200	1300		China, Yunnan PBS/VO Shangri-La	Vietnamese	6035do			
1200	1300		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1200	1300		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1200	1300		Clandestine, Free North Korea R	Korean	15645as			
1200	1300	whf	Clandestine, Khmer Post Radio	Khmer	9960as			
1200	1300		Clandestine, R Free Chosun	Korean	15720as			

1200	1300		Clandestine, Sound of Hope R Intl	Chinese	7280as 13350as 16100as	11970as 13880as	12980as 14700as	13270as 14950as
1200	1300		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
1200	1300		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1200	1300		Colombia, La Voz del Guaviare	Spanish	6035do			
1200	1300		Colombia, R Alcaravan	Spanish	5910do			
1200	1300		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1200	1300		Croatia, Voice of Croatia	Croatian/various	7410eu			
1200	1300		Cuba, R Havana Cuba	Spanish	6150am 11690ca 17730sa	9540ca 11760na 17580sa	9550na 11860na	9850na 15230sa
1200	1300		Cuba, R Rebelde	Spanish	5025na			
1200	1300		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1200	1300		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1200	1300		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1200	1300	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1200	1300		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1200	1300		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1200	1300		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1200	1300		Ethiopia, R Ethiopia	Somali	7235va	9560va		
1200	1300		Ethiopia, R Ethiopia/Natl Pgm	English	9705do			
1200	1300		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1200	1300		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1200	1300	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11720eu		
1200	1300		France, R France International	French	15300af	17620af	17660af	21580af
1200	1300	DRM	France, R France International	French	3965af			
1200	1300		Gabon, Africa No. 1	French	9580af			
1200	1300		Germany, Deutsche Welle	French	17820af	21780af	21840af	
1200	1300	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1200	1300		Germany, R 6150	German	6150eu			
1200	1300		Germany, R 700	German	3995eu			
1200	1300	Sat/Sun	Guam, KTWR/TWR Asia	Burmese	13765as			
1200	1300		Guam, KTWR/TWR Asia	Chinese	9975as			
1200	1300		Guatemala, R Verdad	English/Spanish	4055do			
1200	1300		Guinea, RTV Guinee	French/vernacular	7125do			
1200	1300		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1200	1300		Honduras, R Luz y Vida	Spanish	3250do			
1200	1300		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1200	1300		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
1200	1300		India, All India R/External Svc	Chinese	11840as	15795as	17705as	
1200	1300		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do		
1200	1300		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1200	1300		India, All India R/Itanagar	English/Hindi/Buddhist minority		4990do		
1200	1300		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		4910do		
1200	1300		India, All India R/Jeyapore	English/Hindi/Odia/Sanskrit		5040do		
1200	1300		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do		
1200	1300		India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
1200	1300		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4760do	4950do	
1200	1300		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1200	1300		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1200	1300		Indonesia, AWR Asia/Pacific	Chinese	9800as	15490as		
1200	1300		Indonesia, AWR Asia/Pacific	Korean	9880as			
1200	1300		Indonesia, RRI Biak	Indonesian	4920do			
1200	1300		Indonesia, RRI Fak Fak	Indonesian	4790do			
1200	1300		Indonesia, RRI Jakarta	Indonesian	9680do			
1200	1300		Indonesia, RRI Jambi	Indonesian	4925do			
1200	1300		Indonesia, RRI Kendari	Indonesian	3995do			
1200	1300		Indonesia, RRI Makassar	Indonesian	4750do			
1200	1300		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1200	1300		Indonesia, RRI Pontianak	Indonesian	3976do			
1200	1300		Indonesia, RRI Serui	Indonesian	4605do			
1200	1300		Indonesia, RRI Ternate	Indonesian	3345do			
1200	1300		Indonesia, RRI Wamena	Indonesian	4870do			
1200	1300		Indonesia, VO Indonesia	Japanese	9526va			
1200	1300		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
1200	1300		Iran, VO Islamic Rep of Iran	Dari	9565as	13840as		
1200	1300		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1200	1300		Japan, R Japan NHK World	Japanese	9750as	11815as	15460as	17660va
1200	1300	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1200	1300		Kuwait, R Kuwait/General Svc	Arabic	9750af	11630af	21540va	
1200	1300		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1200	1300		Laos, LNR Natl Svc/Vientane	Lao	6130do			
1200	1300		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
1200	1300		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
1200	1300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1200	1300		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1200	1300		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
1200	1300		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		

1200	1300	Mauritania, R Mauritanie	Arabic/French/vernaculars	7245do	4845al	
1200	1300	Mexico, R Mil Onda Corta	Spanish	6010do		
1200	1300	Mexico, R Transcontinental de America	Spanish	4800do		
1200	1300	Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do
1200	1300	Morocco, R Marocaine	Arabic	15349af		
1200	1300	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va		
1200	1300	Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do	
1200	1300	Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do	5985do	
1200	1300	Myanmar, Thazin BC Sta	Burmese	7110do		
1200	1300	Nepal, R Nepal	Nepali	5005do		
1200	1300	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do	
1200	1300	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do	
1200	1300	Nigeria, Voice of Nigeria	English	9690af		
1200	1300	Pakistan, PBC/R Pakistan	Chinese	15700as	17725as	
1200	1300	Palau, T8WH/World Harvest R	English	9930as		
1200	1300	Papua New Guinea, R Buka	Tok Pisin	3325do		
1200	1300	Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do	
1200	1300	Papua New Guinea, R East New Britain	Tok Pisin/English	3385do		
1200	1300	Papua New Guinea, R East Sepik	Tok Pisin	3335do		
1200	1300	Papua New Guinea, R Madang	Tok Pisin	3260do		
1200	1300	Papua New Guinea, R Manus	Tok Pisin	3315do		
1200	1300	Papua New Guinea, R Milne Bay	Tok Pisin	3365do		
1200	1300	Papua New Guinea, R New Ireland	Tok Pisin	3905do		
1200	1300	Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do	
1200	1300	Papua New Guinea, R Southern Highlands	Tok Pisin	3275do		
1200	1300	Papua New Guinea, R West Sepik	Tok Pisin/English	3205do		
1200	1300	Papua New Guinea, R Western	Tok Pisin/English	3305do		
1200	1300	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do		
1200	1300	Peru, La Voz de la Selva	Spanish	4824do		
1200	1300	Peru, La Voz de las Huarinjas	Spanish	5059do		
1200	1300	Peru, Ondas del Huallaga	Spanish	3330do		
1200	1300	Peru, R Bethel	Spanish	5921do		
1200	1300	Peru, R Cultural Amauta	Spanish	4955do		
1200	1300	Peru, R Cusco	Spanish	4780do		
1200	1300	Peru, R Horizonte	Spanish	5020do		
1200	1300	Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al	
1200	1300	Peru, R JPJ del Peru	Spanish	3355do		
1200	1300	Peru, R Libertad de Junin	Spanish	5039do		
1200	1300	Peru, R Madre de Dios	Spanish	4950do		
1200	1300	Peru, R Manantial	Spanish/Quechua	4987do		
1200	1300	Peru, R Maranon	Spanish	4835do		
1200	1300	Peru, R Ondas del Sur Oriente	Spanish	5120do		
1200	1300	Peru, R Quillabamba	Spanish/Quechua	5025do		
1200	1300	Peru, R Santa Rosa	Spanish	6047do		
1200	1300	Peru, R Sicuani	Spanish/Quechua	4826do		
1200	1300	Peru, R Tarma	Spanish	4775do		
1200	1300	Peru, R Tawantinsuyo	Spanish/Quechua	6174do		
1200	1300	Peru, R Union	Spanish	6115do		
1200	1300	Peru, R Victoria	Spanish	6020do	9720do	
1200	1300	Peru, R Vision	Spanish	4790do		
1200	1300	Philippines, FEBC Philippines	Chinese	9400as	9430as	
1200	1300	Philippines, FEBC Philippines	Khmer	7410as		
1200	1300	Russia, R Rossii	Russian	13665eu		
1200	1300	Russia, Voice of Russia	Chinese	6075as		
1200	1300	Russia, Voice of Russia	Dari/Pashto	4975as	15510me	
1200	1300	DRM Russia, Voice of Russia	English	9850eu	9445as	12030as
1200	1300	Russia, Voice of Russia	English	9560as	11500as	
1200	1300	Russia, Voice of Russia	Japanese	7235as	7340as	
1200	1300	Russia, Voice of Russia	Russian	9745as	12085pa	13870eu
1200	1300	Russia, Voice of Russia	Vietnamese	12065as		
1200	1300	Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do		
1200	1300	Saudi Arabia, BSKSA/External Svc	Bengali	15120as		
1200	1300	Saudi Arabia, BSKSA/External Svc	Urdu	13775as		
1200	1300	Saudi Arabia, BSKSA/First General Pgm	Arabic	17705eu	21505af	
1200	1300	Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17625as	17895af
1200	1300	Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me		
1200	1300	South Africa, Channel Africa	Nyanja	9625af		
1200	1300	South Africa, R Sonder Grense	Afrikaans	9650do		
1200	1300	South Korea, KBS World R	English	9650na		
1200	1300	South Korea, KBS World R	Indonesian	9570as		
1200	1300	South Korea, KBS World R	Korean	7275as		
1200	1300	South Korea, 1st Global Korean Netwk	Korean	6015as		
1200	1300	smtwhf Spain, R Exterior de Espana	Spanish	5970ca	11815sa	11880na
1200	1300	Spain, R Exterior de Espana	Spanish	11910as	15585eu	21540af
1200	1300	DRM Spain, R Exterior de Espana	Spanish	13720eu		21610me
1200	1300	Sudan, Sudan R	Arabic	7200do		
1200	1300	Taiwan, R Taiwan Intl	Amoy	9465as		
1200	1300	Taiwan, R Taiwan Intl	Chinese	6085as	6150as	7385as
				9680as	9780as	11710as
1200	1300	Taiwan, R Taiwan Intl	Indonesian	11625as		9665as

1200	1300	Taiwan, R Taiwan Intl	Vietnamese	11765as			
1200	1300	Tajikistan, R Tojikiston/TR1	Russian	4765as			
1200	1300	Tajikistan, VO Tajik	Arabic	7245me			
1200	1300	Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik	4765do			
1200	1300	Uganda, UBC Radio	English/Swahili/vernaculars	7195do			
1200	1300	UK, BBC World Service	English	5875as	6190af	6195as	9740as
				11750as	11760me	15310as	15575me
				17790as	17830af	21470af	
1200	1300	Uruguay, LV de Artigas	Spanish	6074sa			
1200	1300	USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
				12133usb	12759usb	13362usb	
1200	1300	USA, BBG/R Farda	Farsi	7435as	12005as	15680as	15690as
				17695as			
1200	1300	USA, BBG/R Free Asia	Tibetan	7470as	11605as	13795as	13830as
				15670as			
1200	1300	USA, BBG/R Free Europe/R Liberty	Russian	7330eu	13745eu	17800eu	
1200	1300	USA, BBG/R Marti	Spanish	6030ca	7405ca	9805ca	
1200	1300	USA, BBG/VOA R Mashaal	Pashto	12130as	15320as	15360as	
1200	1300	USA, BBG/Voice of America	Chinese	6110as	9840as	11785as	11825as
				11990as	12040as	15115as	15250as
				7575as	9510as	12075as	12150as
1200	1300	USA, BBG/Voice of America	English	7225as	9490as	15775as	
1200	1300	USA, BBG/Voice of America	Korean	9885ca	13750sa	15590sa	
1200	1300	USA, FBN/WTJC Newport NC	Spanish	9370na			
1200	1300	USA, KNLS Anchor Point AK	English	7355as			
1200	1300	USA, WBCQ Monticello ME	English	9330am			
1200	1300	USA, WEWN/EWTN Irondale AL	English	11520as			
1200	1300	USA, WEWN/EWTN Irondale AL	Spanish	7555ca	12050sa		
1200	1300	USA, WHRI Cypress Creek SC	English	9795am	9840na		
1200	1300	USA, WINB Red Lion PA	English	9265am			
1200	1300	USA, WRMI Miami FL	English/Spanish	9955am			
1200	1300	USA, WTTW Lebanon TN	English	5755va			
1200	1300	USA, WWCR Nashville TN	English	7490na	9980af	13845af	15825eu
1200	1300	USA, WWRB Manchester TN	English	9385na			
1200	1300	USA, WYFR/Family R Worldwide	Burmese	11570as			
1200	1300	USA, WYFR/Family R Worldwide	English/Japanese	6420as	9280as	11535as	
1200	1300	USA, WYFR/Family R Worldwide	Mandarin	6240as	9280as	11535as	
1200	1300	USA, WYFR/Family R Worldwide	Tagalog	13630as			
1200	1300	USA, WYFR/Family R Worldwide	Thai	17880as			
1200	1300	USA, WYFR/Family R Worldwide	Vietnamese	7460as			
1200	1300	Uzbekistan, CVC/The Voice Asia	Hindi	9660as			
1200	1300	Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1200	1300	Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
1200	1300	Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
1200	1300	Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1200	1300	Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		
1200	1300	Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
1200	1300	Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do		
1200	1300	Yemen, Rep of Yemen R	Arabic	6135me	9780me		
1200	1300	Zambia, Christian Voice	English	6065af			
1200	1300	Zambia, CVC Intl/1 Africa	English	13590af			
1200	1300	Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1200	1300	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1210	1230	China, Xinjiang PBS	Kyrgyz	4500do	6190do		
1215	1230	mtwhf Armenia, Public R of Armenia	Turkish	4810me			
1215	1230	Philippines, FEBC Philippines	Akha	12120as			
1215	1245	India, All India R/External Svc	Telugu	13695as	15770as	17810as	
1215	1300	Egypt, R Cairo	English	17870as			
1215	1300	India, All India R/External Svc	Burmese	11620as	11710as	15040as	
1215	1300	India, All India R/External Svc	Tibetan	7420as	9575as	11775as	
1215	1300	India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1220	1240	India, All India R/Delhi	Hindi	6085do			
1220	1300	India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1220	1300	India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do		
1220	1300	India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do		
1225	1300	Vatican City State, Vatican R	Chinese	9900as	11890as	17590as	
1230	1240	Sat Vatican City State, Vatican R	Chinese (Mass)	9900as	11890as	17590as	
1230	1245	India, All India R/Aizawl	English	5050do			
1230	1245	India, All India R/Chennai	English	4920do			
1230	1245	India, All India R/Delhi	English	4860do	6085do		
1230	1245	India, All India R/Delhi	Hindi	4860do			
1230	1245	India, All India R/Hyderabad	English	4800do			
1230	1245	India, All India R/Jeyppore	English	5040do			
1230	1245	India, All India R/Kurseong	English	4895do			
1230	1245	India, All India R/Port Blair	English	4760do			
1230	1245	India, All India R/R Kashmir	English	4950do			
1230	1245	India, All India R/Shillong	English	4970do			
1230	1245	India, All India R/Thiruvananthapuram	English	5010do			
1230	1245	m India, Athmeeya Yatra R	Gojri	15350as			
1230	1245	wh India, Athmeeya Yatra R	Kashmiri	15350as			

1230	1245	t	India, Athmeeya Yatra R	Ladakhi	15350as			
1230	1245	fas	India, Athmeeya Yatra R	Oriya	15350as			
1230	1245	mtwfas	Philippines, FEBC Philippines	Achang	12095as			
1230	1245		Philippines, FEBC Philippines	Naga	12120as			
1230	1257		Philippines, R Veritas Asia	Kachin	15225as			
1230	1300		Australia, HCJB Global Australia	English	15400as			
1230	1300		Australia, HCJB Global Australia	Rawang	15340as			
1230	1300	Sun	Canada, Bible Voice Broadcasting	Japanese	9870as			
1230	1300		China, China R International	Lao	7360as	9785as		
1230	1300		China, China R International	Malay	11955as	15600as		
1230	1300		China, Xinjiang PBS	Mongolian	4500do	6190do		
1230	1300		China, Xinjiang PBS	Uyghur	6120do	7205do		
1230	1300		Clandestine, Sound of Hope R Intl	Chinese	9375as			
1230	1300		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4870as		
1230	1300		Clandestine, VO Tibet	Tibetan	15552as			
1230	1300		Egypt, R Cairo	Indonesian	15710as			
1230	1300		Germany, AWR Europe	Bangla	17535as			
1230	1300	mtwhf	Guam, KTWR/TWR Asia	Kokborok	15240as			
1230	1300		Guam, KTWR/TWR Asia	Various	15170as			
1230	1300		India, All India R/Chennai	English/Hindi/Tamil	4920do			
1230	1300		India, All India R/External Svc	Sindhi	6165as	7340as		
1230	1300		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4840do		
1230	1300	mtwhf	India, TWR India	Kokborok	15240as			
1230	1300		Indonesia, AWR Asia/Pacific	Bengali	17535as			
1230	1300		Iran, VO Islamic Rep of Iran	Malay	17560as	21670as		
1230	1300		Iran, VO Islamic Rep of Iran	Pashto	11870as	13730as		
1230	1300		Japan, R Japan NHK World	Korean	6190as			
1230	1300		Japan, R Japan NHK World	Thai	9685as			
1230	1300		Myanmar, Rakhin BC Sta	Mon	7345do			
1230	1300		Myanmar, Thazin BC Sta	Burmese	6030do			
1230	1300		Pakistan, PBC/R Pakistan	Sinhali	11880as	15540as		
1230	1300	h	Philippines, FEBC Philippines	Iu Mien	12095as			
1230	1300		Philippines, FEBC Philippines	Koho	9920as			
1230	1300		Taiwan, R Taiwan Intl	Hakka	6105as	11915as		
1230	1300		Thailand, R Thailand World Svc	English	9890va			
1230	1300		Turkey, Voice of Turkey	English	15450va			
1230	1300		Turkey, Voice of Turkey	Uyghur	11700as			
1230	1300		USA, BBG/R Free Afghanistan	Dari	11550as	15090as		
1230	1300		USA, BBG/R Free Asia	Burmese	7390as	9335as	13675as	
1230	1300		USA, BBG/R Free Asia	Khmer	12140as	15145as		
1230	1300		USA, BBG/R Free Europe/R Liberty	Khmer	12140as	15145as		
1230	1300		USA, BBG/Voice of America	Laotian	9810as	11965as		
1230	1300		Vatican City State, Vatican R	Russian	13685as	17865as		
1230	1300		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1230	1300		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as			
1230	1300		Vietnam, VO Vietnam/Overseas Svc	Russian	7220as	12000as		
1235	1240		India, All India R/Delhi	Sanskrit	4860do			
1235	1300		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		4965do		
1240	1250		India, All India R/Delhi	Sanskrit	6085do			
1240	1255	mtwhf	Spain, R Exterior de Espana	Euskera	5970ca	11815sa	11880na	15585eu
					21540af	21610me		
1240	1255	mtwhf/DRM	Spain, R Exterior de Espana	Euskera	13720eu			
1245	1300	Sun	Guam, KTWR/TWR Asia	Kokborok	15240as			
1245	1300		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
1245	1300		India, All India R/Delhi	Hindi/Gorkhali	4860do			
1245	1300		India, All India R/Delhi	Sandhi	6085do			
1245	1300	hf	India, Athmeeya Yatra R	Gujarati	15350as			
1245	1300	Sat/Sun	India, Athmeeya Yatra R	Koya	15390as			
1245	1300	mtw	India, Athmeeya Yatra R	Punjabi	15390as			
1245	1300	Sat	India, TWR India	Kokborok	15240as			
1245	1300	Sat	India, TWR India	Kui	12055as			
1245	1300	Sun	India, TWR India	Santhali	12055as			
1245	1300		Philippines, FEBC Philippines	Chin	12120as			
1255	1300		India, All India R/Delhi	Kashmiri	6085do			

1300 UTC - 9AM EDT / 8AM CDT / 6AM PDT

1300	1310		India, All India R/Delhi	Kashmiri	6085do			
1300	1310		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
1300	1315		Australia, HCJB Global Australia	Nepali	15340as			
1300	1315		Guam, KTWR/TWR Asia	Santhali	15240as			
1300	1315		India, All India R/External Svc	Burmese	11620as	11710as	15040as	
1300	1315		India, All India R/External Svc	Chinese	11840as	15795as	17705as	
1300	1315		India, Athmeeya Yatra R	Nepali	15350as			
1300	1315	w	India, TWR India	Ho	12055as			
1300	1315	Sun	India, TWR India	Kumaoni	12055as			
1300	1315		India, TWR India	Santhali	15240as			
1300	1315		Rwanda, TWR Africa	Afar	13660af			
1300	1315		Thailand, R Thailand World Svc	Japanese	9795as			

1300	1315		Vatican City State, Vatican R	Chinese	9900as	11890as	17590as
1300	1315		Vatican City State, Vatican R	Spanish	11740eu	13620eu	
1300	1325		India, All India R/Delhi	Hindi/Gorkhali	4860do		
1300	1325		Turkey, Voice of Turkey	English	15450va		
1300	1325		Turkey, Voice of Turkey	Uyghur	11700as		
1300	1326		Romania, R Romania Intl	Chinese	15435as	17850as	
1300	1327		Iran, VO Islamic Rep of Iran	Malay	17560as	21670as	
1300	1327		Iran, VO Islamic Rep of Iran	Pashto	11870as	13730as	
1300	1327		Philippines, R Veritas Asia	Vietnamese	11850as		
1300	1330		Brazil, R Difusora do Amazonas	Portuguese	4805do		
1300	1330		China, China R International	Lao	7360as	9785as	
1300	1330		China, China R International	Malay	11955as	15600as	
1300	1330	mtwhf	China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do	
1300	1330		Clandestine, Furusato no Kaze/Ilbon-E-Baram	Korean		9950as	
1300	1330		Clandestine, Nippon no Kaze	Korean	9950as		
1300	1330	th	Clandestine, R Hoa-Mai	Vietnamese	9930as		
1300	1330		Clandestine, Sound of Hope R Intl	Chinese	15750as		
1300	1330		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4870as	
1300	1330		Clandestine, VO Tibet	Chinese	15497as		
1300	1330	mtwhfa	Clandestine, VO Wilderness	Korean	15180as		
1300	1330		Clandestine, VO Wilderness	Korean	15630as		
1300	1330		Egypt, R Cairo	English	17870as		
1300	1330		France, R France International	Russian	15160eu	17805eu	
1300	1330		Georgia, R Abkhazia	Abkhazian/Russian	9535do	9495al	
1300	1330	mtwhf	Germany, AWR Europe	Mandarin	15320as		
1300	1330	Sat/Sun	Germany, AWR Europe	Uyghur	15320as		
1300	1330		Guam, KTWR/TWR Asia	S'gaw Karen	9585as		
1300	1330	mtwhf	Guam, KTWR/TWR Asia	Vietnamese	11580as		
1300	1330		India, All India R/Delhi	Hindi/Kashmiri/Punjabi/Urdu		4860do	
1300	1330		India, All India R/External Svc	Tibetan	7420as	9575as	11775as
1300	1330		Indonesia, AWR Asia/Pacific	Bengali	15215as		
1300	1330	mtwhf	Indonesia, AWR Asia/Pacific	Chinese	15320as		
1300	1330		Indonesia, AWR Asia/Pacific	Kachin	15445as		
1300	1330		Indonesia, AWR Asia/Pacific	Khmer	17635as		
1300	1330	Sat/Sun	Indonesia, AWR Asia/Pacific	Uyghur	15320as		
1300	1330		Japan, R Japan NHK World	Chinese	6190as		
1300	1330		Japan, R Japan NHK World	English	15735as		
1300	1330		Japan, R Japan NHK World	Vietnamese	11740as		
1300	1330		Myanmar, Myanmar R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5915do		
1300	1330		Myanmar, Rakhin BC Sta	Mon	7345do		
1300	1330		Myanmar, Thazin BC Sta	Burmese	6030do		
1300	1330		Pakistan, PBC/R Pakistan	Tamil	11880as	15540as	
1300	1330		Philippines, FEBC Philippines	Hmong	12095as		
1300	1330	ha	Philippines, FEBC Philippines	Jeh	7480as		
1300	1330		Philippines, FEBC Philippines	Lisu	12120as		
1300	1330	mw	Philippines, FEBC Philippines	Muong	7480as		
1300	1330	f	Philippines, FEBC Philippines	Muong	7480as		
1300	1330	ts	Philippines, FEBC Philippines	Stieng	7480as		
1300	1330		Philippines, FEBC Philippines	Tibetan	11825as		
1300	1330		Poland, Polish Radio/External Svc	Russian	15480eu		
1300	1330		Serbia, International R Serbia	English	9635eu		
1300	1330		UK, BBC World Service	Uzbek	15330as	17510as	21590as
1300	1330		USA, BBG/R Free Afghanistan	Dari	11550as	15090as	
1300	1330		USA, BBG/R Free Asia	Burmese	7390as	9335as	13675as
1300	1330		USA, BBG/R Free Asia	Khmer	12140as	15145as	
1300	1330		USA, BBG/R Free Europe/R Liberty	Khmer	12140as	15140as	
1300	1330		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as	
1300	1330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as	
1300	1340		India, All India R/Delhi	Hindi	6085do		
1300	1345		Japan, R Japan NHK World	Bengali	11685as		
1300	1350		North Korea, Pyongyang BC Sta	Korean	9325as	12015eu	
1300	1355		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17615af	17625af 17895af
1300	1355		Turkey, Voice of Turkey	Russian	11965va		
1300	1356		Romania, R Romania Intl	Romanian	11700eu	15135eu	
1300	1357		North Korea, Voice of Korea	Chinese	11735as	13650as	
1300	1357		North Korea, Voice of Korea	English	9335na	11710na	13760eu 15245eu
1300	1400		Anguilla, University Network	English	11775na		
1300	1400	mtwhf	Argentina, RAE	Spanish	11710am		
1300	1400		Australia, ABC NT Alice Springs	English	2310do		
1300	1400		Australia, ABC NT Katherine	English	2485do		
1300	1400		Australia, ABC/R Australia	Chinese	9475as	9965as	11660as 11760as
1300	1400		Australia, ABC/R Australia	English	6020pa	9580pa	11945pa
1300	1400		Bahrain, R Bahrain	Arabic	9745me		
1300	1400		Bahrain, R Bahrain	English	6010me		
1300	1400		Bangladesh Betar/Home Svc	English/Bengali	4750as		
1300	1400		Belarus, R Belarus	Belarusian	11730eu		
1300	1400	Sun/DRM	Belgium, TDP Radio	English	6015na		
1300	1400		Benin, ORTB	French/Yoruba/vernaculars		5025do	
1300	1400		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do	
1300	1400		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do		

1300	1400	Bolivia, R Eco	Spanish	4409do			
1300	1400	Bolivia, R Fides	Spanish/Aymara	6155do			
1300	1400	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1300	1400	Bolivia, R Lipéz	Spanish/Aymara	4796do			
1300	1400	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1300	1400	Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1300	1400	Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1300	1400	Bolivia, R San Jose	Spanish	5580do			
1300	1400	Bolivia, R San Miguel	Spanish	4699do			
1300	1400	Bolivia, R Santa Ana	Spanish	4451do			
1300	1400	Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1300	1400	Bolivia, R Tacana	Spanish	4782do			
1300	1400	Brazil, Educadora/Braganca	Portuguese	4825do			
1300	1400	Brazil, R Alvorada/Londrina	Portuguese	4865do			
1300	1400	Brazil, R Anhanguera	Portuguese	4905do			
1300	1400	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1300	1400	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1300	1400	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1300	1400	Brazil, R Brasil Central	Portuguese	4985do	11815do		
1300	1400	Brazil, R Caiari	Portuguese	4785do			
1300	1400	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1300	1400	Brazil, R Capital	Portuguese	6070do			
1300	1400	Brazil, R Capixaba	Portuguese	4935do			
1300	1400	Brazil, R Clube do Para	Portuguese	4885do			
1300	1400	Brazil, R Congonhas	Portuguese	4775do			
1300	1400	Brazil, R Cultura do Para	Portuguese	5045do			
1300	1400	Brazil, R Cultura Filadelfia	Portuguese	6105do			
1300	1400	Brazil, R Cultura/Araraquara	Portuguese	3365do			
1300	1400	Brazil, R Cultura/Manaus	Portuguese	4845do			
1300	1400	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1300	1400	Brazil, R Difusora Acreana	Portuguese	4885do			
1300	1400	Brazil, R Difusora Roraima	Portuguese	4875do			
1300	1400	Brazil, R Difusora/Caceres	Portuguese	5055do			
1300	1400	Brazil, R Difusora/Londrina	Portuguese	4815do			
1300	1400	Brazil, R Difusora/Macapa	Portuguese	4915do			
1300	1400	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1300	1400	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1300	1400	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
1300	1400	Brazil, R Educadora/Limeira	Portuguese	2380do			
1300	1400	Brazil, R Gaucha	Portuguese	6020do	11915do		
1300	1400	Brazil, R Gazeta	Portuguese	5955do	9685do		
1300	1400	Brazil, R Guaiba	Portuguese	6000do	11785do		
1300	1400	Brazil, R Guarua Paulista	Portuguese	5045do			
1300	1400	Brazil, R Imaculada Conceicao	Portuguese	4755do			
1300	1400	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1300	1400	Brazil, R Itatiaia	Portuguese	5970do			
1300	1400	Brazil, R Maria	Portuguese	4885do			
1300	1400	Brazil, R Marumby	Portuguese	6080do	9515do		
1300	1400	Brazil, R Meteorologia Paulista	Portuguese	4845do			
1300	1400	Brazil, R Mundial	Portuguese	3325do			
1300	1400	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1300	1400	Brazil, R Nove de Julho	Portuguese	9820do			
1300	1400	Brazil, R Novo Tempo	Portuguese	4895do			
1300	1400	Brazil, R Record	Portuguese	6150do	9505do		
1300	1400	Brazil, R Rio Mar	Portuguese	6160do	9695do		
1300	1400	Brazil, R Trans Mundial	Portuguese	9530do	11735do		
1300	1400	Brazil, R Verdes Florestas	Portuguese	4865do			
1300	1400	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
1300	1400	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
1300	1400	Brazil, Super R Alvorada	Portuguese	2460do			
1300	1400	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
1300	1400	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1300	1400	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
1300	1400	Sat/Sun Canada, CBC Northern Quebec Svc	English	9625na			
1300	1400	Canada, CFRX Toronto ON	English	6070na			
1300	1400	Canada, CFVP Calgary AB	English	6030na			
1300	1400	Canada, CKZN St Johns NF	English	6160na			
1300	1400	Canada, CKZU Vancouver BC	English	6160na			
1300	1400	Central African Rep, R Centrafrique	French/Sango	5035do			
1300	1400	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
1300	1400	Chile, CVC La Voz	Spanish	9635sa	17680sa		
1300	1400	China, China Huayi BC	Amoy/Chinese	6185do			
1300	1400	China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do	
1300	1400	China, China Natl R/CNR13	Uyghur	9420do	9890do		
1300	1400	China, China R International	Bengali	9490as	9600as	11610as	
1300	1400	China, China R International	Burmese	9880as	11780as		
1300	1400	China, China R International	Chinese	7205as	7215as	7440as	9540as
				9855as	13650me	13670eu	

1300	1400		China, China R International	English	5995as 9760pa 11760pa 15260na	9570na 9765va 13610eu	9650na 9870as 13755as	9730as 11660as 13790eu
1300	1400		China, China R International	Esperanto	9440as	11650as		
1300	1400		China, China R International	French	13710eu	15205eu		
1300	1400		China, China R International	Hindi	9635as	11675as		
1300	1400		China, China R International	Japanese	7215as	7325as		
1300	1400		China, China R International	Korean	13620as			
1300	1400		China, China R International	Mongolian	6100as	7285as		
1300	1400		China, China R International	Russian	5915as 13600va	5990as	9675as	9685as
1300	1400		China, China R International	Vietnamese	9550as	11600as	11780as	
1300	1400		China, CNR/VO Minorities/CNR11	Tibetan	6010do	7350do	9480do	
1300	1400		China, CNR/VO Minorities/CNR13	Uyghur	9420do	13700do		
1300	1400		China, CNR/VO Minorities/CNR8	Mongolian	6180do	7445do	9630do	9645do
1300	1400		China, CNR/VO Pujiang	Amoy/Wu	3280do	4950do	5075do	
1300	1400		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
1300	1400		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1300	1400		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
1300	1400		China, Hulun Buir PBS	Mongolian	6080do			
1300	1400		China, Nei Menggu PBS	Chinese	7420do	9520do		
1300	1400		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1300	1400		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
1300	1400		China, Tibet PBS	Chinese	4820do 7450do	5935do	6050do	7240do
1300	1400		China, Tibet PBS	Tibetan	4905do 6130do	4920do 6200do	5240do 7255do	6110do 7385do
1300	1400		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do
1300	1400		China, Xinjiang PBS	Kazakh	4330do	6015do		
1300	1400		China, Xinjiang PBS	Mongolian	4500do	6190do		
1300	1400		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do
1300	1400		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do		
1300	1400		China, Yunnan PBS/VO Shangri-La	Chinese	6035do			
1300	1400		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1300	1400		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1300	1400		Clandestine, Free North Korea R	Korean	15645as			
1300	1400		Clandestine, Minghui R	Chinese	6030as			
1300	1400		Clandestine, R Free Chosun	Korean	15720as			
1300	1400		Clandestine, Sound of Hope R Intl	Chinese	7310as 13350as 16100as	11970as 13880as	12980as 14950as	13130as 15900as
1300	1400		Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu/Gorji/English/Hindi		3995as		
1300	1400		Clandestine, VO South Sudan Revol R	Sudanese Arabic/English		11650as		
1300	1400		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
1300	1400	Sun	Clandestine, VO Wilderness	Korean	15180as			
1300	1400		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1300	1400		Colombia, La Voz del Guaviare	Spanish	6035do			
1300	1400		Colombia, R Alcaravan	Spanish	5910do			
1300	1400		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1300	1400		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1300	1400		Croatia, Voice of Croatia	Croatian/various	7410eu			
1300	1400		Cuba, R Havana Cuba	Spanish	6150am 11860na 15380na	9540ca 11690ca 17730sa	11750ca 13780na 17580sa	11760am 15230sa
1300	1400		Cuba, R Rebelde	Spanish	5025na			
1300	1400		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1300	1400		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1300	1400		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1300	1400	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1300	1400		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1300	1400		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1300	1400		Egypt, R Cairo	Arabic	15080af			
1300	1400		Egypt, R Cairo	Indonesian	15710as			
1300	1400		Eqt Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1300	1400		Eqt Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1300	1400		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
1300	1400		Ethiopia, R Ethiopia	Afar	7235va	9560va		
1300	1400		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1300	1400		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1300	1400		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1300	1400	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu	11720eu	
1300	1400	DRM	France, R France International	French	3965af			
1300	1400		Gabon, Africa No. 1	French	9580af			
1300	1400		Germany, Deutsche Welle	Chinese	11965as	17770af		
1300	1400		Germany, Deutsche Welle	Hausa	15410af	17800af	21780af	
1300	1400	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1300	1400		Germany, R 6150	German	6150eu			
1300	1400		Germany, R 700	German	3995eu			

1300	1400	smtwhf	Guam, KTWR/TWR Asia	Chinese	9975as			
1300	1400		Guatemala, R Verdad	English/Spanish	4055do			
1300	1400		Guinea, RTV Guinee	French/vernacular	7125do			
1300	1400		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1300	1400		Honduras, R Luz y Vida	Spanish	3250do			
1300	1400		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1300	1400		India, All India R/Bengaluru	English/Hindi/vernaculars		9870do		
1300	1400		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
1300	1400		India, All India R/Chennai	English/Hindi/Tamil	4920do			
1300	1400		India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1300	1400		India, All India R/External Svc	Sindhi	6165as	7340as		
1300	1400		India, All India R/External Svc	Sinhala	7270as	9820as		
1300	1400	DRM	India, All India R/External Svc	Sinhala	15050as			
1300	1400		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do		
1300	1400		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1300	1400		India, All India R/Itanagar	English/Hindi/Buddist minority		4990do		
1300	1400		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		4910do		
1300	1400		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit		5040do		
1300	1400		India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do		
1300	1400		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do		
1300	1400		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1300	1400		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4840do		
1300	1400		India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
1300	1400		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4760do	4950do	
1300	1400		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1300	1400		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		4965do		
1300	1400		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1300	1400		Indonesia, AWR Asia/Pacific	Vietnamese	17670as			
1300	1400		Indonesia, RRI Biak	Indonesian	4920do			
1300	1400		Indonesia, RRI Fak Fak	Indonesian	4790do			
1300	1400		Indonesia, RRI Jakarta	Indonesian	9680do			
1300	1400		Indonesia, RRI Jambi	Indonesian	4925do			
1300	1400		Indonesia, RRI Kendari	Indonesian	3995do			
1300	1400		Indonesia, RRI Makassar	Indonesian	4750do			
1300	1400		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1300	1400		Indonesia, RRI Pontianak	Indonesian	3976do			
1300	1400		Indonesia, RRI Pontianak	Indonesian	3976do			
1300	1400		Indonesia, RRI Serui	Indonesian	4605do			
1300	1400		Indonesia, RRI Ternate	Indonesian	3345do			
1300	1400		Indonesia, RRI Wamena	Indonesian	4870do			
1300	1400		Indonesia, VO Indonesia	English	9526va			
1300	1400		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as	
1300	1400		Iran, VO Islamic Rep of Iran	Dari	9565as	13840as		
1300	1400		Iran, VO Islamic Rep of Iran	Urdu	9705as	15300as	15400as	
1300	1400		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1300	1400		Italy, IRRS SW	English	15190va			
1300	1400		Japan, R Japan NHK World	Japanese	9750as	11655ca	11815as	15460as
					17660va			
1300	1400	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1300	1400		Kuwait, R Kuwait/General Svc	Arabic	9750af	11630af	21540va	
1300	1400		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1300	1400		Laos, LNR Natl Svc/Vientane	Lao	6130do			
1300	1400		Madagascar, R Natl Malagasy	French/Malagasy	6135do			
1300	1400		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do			
1300	1400		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1300	1400		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1300	1400		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
1300	1400		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1300	1400		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1300	1400		Mexico, R Mil Onda Corta	Spanish	6010do			
1300	1400		Mexico, R Transcontinental de America	Spanish	4800do			
1300	1400		Mexico, R Universidad	Spanish	6045do			
1300	1400		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1300	1400		Morocco, R Marocaine	Arabic	15349af			
1300	1400		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1300	1400		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do		
1300	1400		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5985do	7100do		
1300	1400		Myanmar, Thazin BC Sta	Burmese	7110do			
1300	1400		Nepal, R Nepal	Nepali	5005do			
1300	1400		New Zealand, R New Zealand Intl	English	6170pa			
1300	1400		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1300	1400		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1300	1400		Nigeria, Voice of Nigeria	English	9690af			
1300	1400		Palau, T8WH/World Harvest R	English	9930as			
1300	1400		Papua New Guinea, R Buka	Tok Pisin	3325do			
1300	1400		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
1300	1400		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
1300	1400		Papua New Guinea, R Madang	Tok Pisin	3260do			
1300	1400		Papua New Guinea, R Manus	Tok Pisin	3315do			

1300	1400		Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
1300	1400		Papua New Guinea, R New Ireland	Tok Pisin	3905do				
1300	1400		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do			
1300	1400		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
1300	1400		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
1300	1400		Papua New Guinea, R Western	Tok Pisin/English	3305do				
1300	1400		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
1300	1400		Peru, Ondas del Huallaga	Spanish	3330do				
1300	1400		Peru, R Bethel	Spanish	5921do				
1300	1400		Peru, R Cultural Amauta	Spanish	4955do				
1300	1400		Peru, R Cusco	Spanish	4780do				
1300	1400		Peru, R Horizonte	Spanish	5020do				
1300	1400		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
1300	1400		Peru, R Libertad de Junin	Spanish	5039do				
1300	1400		Peru, R Madre de Dios	Spanish	4950do				
1300	1400		Peru, R Manantial	Spanish/Quechua	4987do				
1300	1400		Peru, R Maranon	Spanish	4835do				
1300	1400		Peru, R Ondas del Sur Oriente	Spanish	5120do				
1300	1400		Peru, R Quillabamba	Spanish/Quechua	5025do				
1300	1400		Peru, R Santa Rosa	Spanish	6047do				
1300	1400		Peru, R Sicuani	Spanish/Quechua	4826do				
1300	1400		Peru, R Tarma	Spanish	4775do				
1300	1400		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1300	1400		Peru, R Union	Spanish	6115do				
1300	1400		Peru, R Victoria	Spanish	6020do	9720do			
1300	1400		Peru, R Vision	Spanish	4790do				
1300	1400		Philippines, FEBC Philippines	Chinese	9400as	9430as			
1300	1400	tas	Philippines, FEBC Philippines	Hre	7480as				
1300	1400		Russia, Voice of Russia	Chinese	9560as				
1300	1400		Russia, Voice of Russia	Dari/Pashto	4975as	15510me			
1300	1400	DRM	Russia, Voice of Russia	English	9850eu	12095as			
1300	1400		Russia, Voice of Russia	English	12065as				
1300	1400	DRM	Russia, Voice of Russia	Hindi	9445as				
1300	1400		Russia, Voice of Russia	Hindi	9670as	9745as	11500as		
1300	1400		Russia, Voice of Russia	Japanese	7235as	7340as			
1300	1400	mtwhfa	Russia, Voice of Russia	Mongolian	6075as				
1300	1400		Russia, Voice of Russia	Russian	5925as	9465as	9745as	11860eu	
					13870me				
1300	1400		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
1300	1400		Saudi Arabia, BSKSA/External Svc	Bengali	15120as				
1300	1400		Saudi Arabia, BSKSA/External Svc	Urdu	13775as				
1300	1400		Saudi Arabia, BSKSA/First General Pgm	Arabic	17705eu	21505af			
1300	1400		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
1300	1400		South Africa, Channel Africa	Lozi	9625af				
1300	1400		South Africa, R Sonder Grense	Afrikaans	9650do				
1300	1400		South Korea, KBS World R	Chinese	7275as				
1300	1400		South Korea, KBS World R	English	9570as				
1300	1400		South Korea, 1st Global Korean Netwk	Korean	6015as				
1300	1400		Spain, R Exterior de Espana	Spanish	11910as	15585eu	21540af	21610me	
1300	1400	mtwhf	Spain, R Exterior de Espana	Spanish	17595na				
1300	1400	smtwhf	Spain, R Exterior de Espana	Spanish	5970ca	11815sa	11880na		
1300	1400	DRM	Spain, R Exterior de Espana	Spanish	13720eu				
1300	1400		Sudan, Sudan R	Arabic	7200do				
1300	1400		Taiwan, R Taiwan Intl	Amoy	11625as				
1300	1400		Taiwan, R Taiwan Intl	Chinese	6085as	6150as	7385as	7445as	
					9680as	9780as	15265as		
1300	1400		Taiwan, R Taiwan Intl	Japanese	9735as				
1300	1400		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1300	1400		Tajikistan, VO Tajik	English	7245va				
1300	1400		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1300	1400		Turkey, Voice of Turkey	Turkish	9840va				
1300	1400		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1300	1400		UK, BBC World Service	English	5875as	6190af	6195as	9740as	
					11760me	15310as	15420af	15575me	
					17640af	17790as	17830af		
1300	1400	Sat	UK, BBC World Service	Somali	15370af	21630af			
1300	1400		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1300	1400		USA, BBG/R Farda	Farsi	7435as	12005as	15680as	15690as	
					17695as				
1300	1400		USA, BBG/R Free Asia	Tibetan	7470as	11605as	13795as	13830as	
					15670as				
1300	1400		USA, BBG/R Free Europe/R Liberty	Kazakh	13690as	15530as			
1300	1400		USA, BBG/R Free Europe/R Liberty	Russian	13745eu	15460eu			
1300	1400		USA, BBG/R Marti	Spanish	7405ca	11845ca	13820ca		
1300	1400		USA, BBG/VOA Deewa R	Pashto	7455as	7495as	9370as	9565as	
1300	1400		USA, BBG/Voice of America	Cantonese	7365as	9355as			
1300	1400		USA, BBG/Voice of America	Chinese	6110as	9845as	11785as	11805as	
					11990as	12040as	15115as	15250as	
1300	1400		USA, BBG/Voice of America	English	7575as				

1300	1400	Sat/Sun	USA, BBG/Voice of America	English	7575as	9510as	9610as	12150as
1300	1400		USA, BBG/Voice of America	Korean	7225as	11935as	15775as	
1300	1400		USA, BBG/Voice of America	Somali	15730af	17650af		
1300	1400		USA, FBN/WTJC Newport NC	English	9370na			
1300	1400		USA, KJES Vado NM	English	11715na			
1300	1400		USA, KNLS Anchor Point AK	Mandarin	9655as			
1300	1400		USA, Overcomer Ministry	English	15190as			
1300	1400		USA, WBCQ Monticello ME	English	9330am			
1300	1400		USA, WEWN/EWTN Irondale AL	English	15615as			
1300	1400		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050sa		
1300	1400	Sat/Sun	USA, WHRI Cypress Creek SC	English	9795na	9840am		
1300	1400		USA, WINB Red Lion PA	English	13570am			
1300	1400		USA, WRMI Miami FL	English/Spanish	9955am			
1300	1400		USA, WTTW Lebanon TN	English	9479va			
1300	1400		USA, WWCR Nashville TN	English	7490af	9980af	13845eu	15825eu
1300	1400		USA, WWRB Manchester TN	English	9385na			
1300	1400		USA, WYFR/Family R Worldwide	Bengali	17580as			
1300	1400		USA, WYFR/Family R Worldwide	Burmese	17605as			
1300	1400		USA, WYFR/Family R Worldwide	English	11540as			
1300	1400		USA, WYFR/Family R Worldwide	English/Japanese	6240as	9280as	11540as	
1300	1400		USA, WYFR/Family R Worldwide	Kannada	17735as			
1300	1400		USA, WYFR/Family R Worldwide	Mandarin	6240as	9280as		
1300	1400		USA, WYFR/Family R Worldwide	Nepali	12130as			
1300	1400		USA, WYFR/Family R Worldwide	Portuguese	7520sa			
1300	1400		USA, WYFR/Family R Worldwide	Telugu	17715as			
1300	1400		USA, WYFR/Family R Worldwide	Vietnamese	7540as	9960as		
1300	1400		Uzbekistan, CVC/The Voice Asia	Hindi	9660as			
1300	1400		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1300	1400		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
1300	1400		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
1300	1400		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		5975do	7210do	7435do
					9635do			
1300	1400		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		
1300	1400		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
1300	1400		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do		
1300	1400		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do		
1300	1400		Yemen, Rep of Yemen R	Arabic	6135me	9780me		
1300	1400		Zambia, Christian Voice	English	6065af			
1300	1400		Zambia, CVC Intl/1 Africa	English	13590af			
1300	1400		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1300	1400		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1315	1330	h	Australia, HCJB Global Australia	Bhojpuri	15340as			
1315	1330	m	Australia, HCJB Global Australia	Gujarati	15340as			
1315	1330	Sun	Australia, HCJB Global Australia	Malayalam	15340as			
1315	1330	w	Australia, HCJB Global Australia	Marathi	15340as			
1315	1330	f	Australia, HCJB Global Australia	Punjabi	15340as			
1315	1330	Sat	Australia, HCJB Global Australia	Tamil	15340as			
1315	1330	t	Australia, HCJB Global Australia	Urdu	15340as			
1315	1330		Guam, KTWR/TWR Asia	Bengali	15240as			
1315	1330		Guam, KTWR/TWR Asia	Mus/Beng	15240as			
1315	1330	Sat/Sun	India, Athmeeya Yatra R	Hindi	15350as			
1315	1330	w	India, Athmeeya Yatra R	Khandesi	15350as			
1315	1330	hf	India, Athmeeya Yatra R	Marathi	15350as			
1315	1330	m	India, Athmeeya Yatra R	Santhali	15350as			
1315	1330	t	India, Athmeeya Yatra R	Vadari	15350as			
1315	1330	Sat	India, TWR India	Bengali	12055as			
1315	1330		India, TWR India	Bengali	15240as			
1315	1330	f	India, TWR India	Braj Basha	12055as			
1315	1330	mtwhf	India, TWR India	Dogri	11725as			
1315	1330	smt	India, TWR India	Marwari	12055as			
1315	1330	wh	India, TWR India	Mewadi	12055as			
1315	1330		Thailand, R Thailand World Svc	Chinese	9795as			
1315	1330		Vatican City State, Vatican R	Portuguese	11740eu	13620eu		
1315	1400		India, All India R/External Svc	Dari/Pashto	11670as			
1315	1400		India, TWR India	Hindi	11725as			
1315	1400		Japan, R Japan NHK World	Indonesian	11705as			
1315	1400		Vatican City State, Vatican R	Vietnamese	9900as	11890as		
1320	1400		India, All India R/Aligarh	English/Hindi	9470do			
1320	1400		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
1325	1400		Russia, R Rossii	Russian	9480eu			
1330	1345	Sun	Guam, KTWR/TWR Asia	Santhali	15170as			
1330	1345		India, All India R/Delhi	English	6085do			
1330	1345	wh	India, Athmeeya Yatra R	Adi	15390as			
1330	1345	hf	India, Athmeeya Yatra R	Malto	15350as			
1330	1345	w	India, Athmeeya Yatra R	Mauchi	15350as			
1330	1345	mt	India, Athmeeya Yatra R	Meitei	15350as			
1330	1345	mt	India, Athmeeya Yatra R	Nocte	15390as			
1330	1345	Sun	India, Athmeeya Yatra R	Rongmei	15390as			
1330	1345	fa	India, Athmeeya Yatra R	Tangkhul	15390as			
1330	1345	Sat	India, Athmeeya Yatra R	Tibetan (Amdo)	15350as			

1330	1345	Sun	India, Athmeeya Yatra R	Tibetan (Lhasa)	15350as			
1330	1345	Sun	India, TWR India	Bondo	12055as			
1330	1345	Sat	India, TWR India	Garhwali	12055as			
1330	1345	f	India, TWR India	Haryanvi	12055as			
1330	1345	w	India, TWR India	Kashmiri	12055as			
1330	1345	mt	India, TWR India	Maithili	12055as			
1330	1345	Sun	India, TWR India	Santhali	15170as			
1330	1345	t	India, TWR India	Tibetan	12055as			
1330	1355		Turkey, Voice of Turkey	Kazakh	11880as			
1330	1356		Romania, R Romania Intl	Russian	11835eu	13640eu		
1330	1400		Australia, HCJB Global Australia	Hindi	15340as			
1330	1400		China, China R International	Indonesian	9535as	11955as		
1330	1400		China, China R International	Thai	7360as	9785as		
1330	1400		China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do		
1330	1400		Clandestine, Furusato no Kaze/Illbon-E-Baram	Japanese	6500as	9950as		
1330	1400	f	Clandestine, JSR/Shiokaze/Sea Breeze	English	5985as			
1330	1400	Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5985as			
1330	1400	mtwhf	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5985as			
1330	1400	Sat	Clandestine, JSR/Shiokaze/Sea Breeze	Korean	5985as			
1330	1400		Clandestine, Sound of Hope R Intl	Chinese	11550as			
1330	1400		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4870as		
1330	1400		Clandestine, VO Tibet	Chinese	15487as			
1330	1400		Clandestine, VO Tibet	Tibetan	15612as			
1330	1400	Sun	Clandestine, VO Wilderness	Korean	15630as			
1330	1400		Egypt, R Cairo	Farsi	15040as			
1330	1400		Germany, AWR Europe	Mandarin	15320as			
1330	1400		Germany, Deutsche Welle	Dari	15275as	15595as	17860as	
1330	1400	mtwhf	Guam, KTWR/TWR Asia	Assamese	15170as			
1330	1400	Sat	Guam, KTWR/TWR Asia	Various	9910as			
1330	1400		India, All India R/Delhi	Hindi	9575do	9835do		
1330	1400		India, All India R/Delhi	Nepali	4860do			
1330	1400		India, All India R/External Svc	English	9690as	11620as	13710as	
1330	1400		India, All India R/External Svc	Nepali	3945as	4870as	7420as	11775as
1330	1400		India, TWR India	Assamese	15170as			
1330	1400	sw	Indonesia, AWR Asia/Pacific	Assamese	15660as			
1330	1400		Indonesia, AWR Asia/Pacific	Chinese	15320as			
1330	1400	hf	Indonesia, AWR Asia/Pacific	Hmong	15660as			
1330	1400	Sun	Indonesia, AWR Asia/Pacific	Khmer	17635as			
1330	1400	ha	Indonesia, AWR Asia/Pacific	Lao	17635as			
1330	1400	mta	Indonesia, AWR Asia/Pacific	Malay	15660as			
1330	1400		Indonesia, AWR Asia/Pacific	Russian	9720eu			
1330	1400	mwf	Indonesia, AWR Asia/Pacific	Thai	17635as			
1330	1400		Iran, VO Islamic Rep of Iran	Japanese	13630as	15555as		
1330	1400		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		9490as		
1330	1400		Japan, R Japan NHK World	Korean	6190as			
1330	1400		Myanmar, Myanma R/Educational Pgm	Burmese/vernaculars	5915do			
1330	1400		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1330	1400		Pakistan, PBC/R Pakistan	Urdu	15290va	17520va		
1330	1400		Philippines, FEBC Philippines	Burmese	12120as			
1330	1400	mw	Philippines, FEBC Philippines	Katu	7480as			
1330	1400		Philippines, FEBC Philippines	Khmu	12095as			
1330	1400	f	Philippines, FEBC Philippines	Nung	7480as			
1330	1400		Philippines, FEBC Philippines	Yunnanese	9890as			
1330	1400		Philippines, R Veritas Asia	Hindi	11870as			
1330	1400		Philippines, R Veritas Asia	Sinhala	9520as			
1330	1400		Poland, Polish Radio/External Svc	Belarusian	15430eu			
1330	1400		Serbia, International R Serbia	Serbian	9635eu			
1330	1400		Sri Lanka, SLBC	Hindi	7190as	11905as		
1330	1400		Thailand, R Thailand World Svc	Thai	9795as			
1330	1400		UK, BBC World Service	Bengali	5855as	7565as	11825as	
1330	1400	Sat	UK, BBC World Service	Hausa	17780af			
1330	1400		USA, BBG/R Free Afghanistan	Pashto	11550as	15090as		
1330	1400		USA, BBG/R Free Asia	Burmese	7390as	9335as	12140as	
1330	1400		USA, BBG/Voice of America	Khmer	5955as	11565as		
1330	1400	whf	USA, WRMI/R Slovakia Intl relay	Spanish	9955ca			
1330	1400		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1330	1400		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as			
1335	1345		India, All India R/Delhi	Telegu	9835do			
1345	1400		Guam, KTWR/TWR Asia	Korean	11580as			
1345	1400	Sun	Guam, KTWR/TWR Asia	Manipuri	15170as			
1345	1400		India, All India R/Delhi	Dogri	6085do			
1345	1400		India, All India R/Delhi	Oriya	9575do			
1345	1400		India, All India R/Delhi	Tamil	9835do			
1345	1400	t	India, Athmeeya Yatra R	Bhatri	15350as			
1345	1400	hf	India, Athmeeya Yatra R	Deori	15390as			
1345	1400	wh	India, Athmeeya Yatra R	Deshiya	15350as			
1345	1400	w	India, Athmeeya Yatra R	Kaubru	15390as			
1345	1400	m	India, Athmeeya Yatra R	Khota	15390as			
1345	1400	mt	India, Athmeeya Yatra R	Kokborok	15390as			
1345	1400	Sun	India, Athmeeya Yatra R	Netakani	15350as			

1345	1400	Sat/Sun	India, Athmeeya Yatra R	Thado-kuki	15390as		
1345	1400	fa	India, Athmeeya Yatra R	Urdu	15350as		
1345	1400	Sat	India, TWR India	Bundelkhandi	12055as		
1345	1400	Sun	India, TWR India	Kurukh	12055as		
1345	1400	mtwhf	India, TWR India	Maithili	12055as		
1345	1400	Sun	India, TWR India	Manipuri	15170as		
1345	1400		Pakistan, PBC/R Pakistan	Pashto	7510as		
1345	1400		UK, BBC World Service	Burmese	5915as	9585as	11945as
1355	1400		India, All India R/Delhi	Malayalam	9835do		
1355	1400		India, All India R/Delhi	Nepali	9575do		
1355	1400	Sat	Swaziland, TWR Africa	Makhuwa	7315af		
1355	1400	Sun	Swaziland, TWR Africa	Portuguese	7315af		

1400 UTC - 10AM EDT / 9AM CDT / 7AM PDT

1400	1415		Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu/Gorji/English/Hindi	3995as		
1400	1415	Sat	Guam, KTWR/TWR Asia	Korean	11580as		
1400	1415	f	India, Athmeeya Yatra R	Ao	15390as		
1400	1415	h	India, Athmeeya Yatra R	Bhili	15350as		
1400	1415	w	India, Athmeeya Yatra R	Bondo	15350as		
1400	1415	f	India, Athmeeya Yatra R	Gondi	15350as		
1400	1415	mt	India, Athmeeya Yatra R	Halam	15390as		
1400	1415	h	India, Athmeeya Yatra R	Karbi	15390as		
1400	1415	Sun	India, Athmeeya Yatra R	Kupiya	15350as		
1400	1415	w	India, Athmeeya Yatra R	Rengma	15390as		
1400	1415	mt	India, Athmeeya Yatra R	Soura	15350as		
1400	1415	Sat/Sun	India, Athmeeya Yatra R	Sumi	15390as		
1400	1415	Sat	India, Athmeeya Yatra R	Yerukala	15350as		
1400	1415	t	India, TWR India	Awadhi	11725as		
1400	1415	Sat	India, TWR India	Bundelkhandi	12055as		
1400	1415	mtwhf	India, TWR India	Hindi	11725as		
1400	1415	mhf	India, TWR India	Hindi	11725as		
1400	1415	Sun	India, TWR India	Kharia	12055as		
1400	1415	mtwhf	India, TWR India	Maithili	12055as		
1400	1415		India, TWR India	Urdu	15360as		
1400	1415		Vatican City State, Vatican R	German	7250eu	9645eu	
1400	1415	DRM	Vatican City State, Vatican R	German	7320eu		
1400	1420		India, All India R/Delhi	Dogri	6085do		
1400	1425	Sat	Swaziland, TWR Africa	Makhuwa	7315af		
1400	1425	Sun	Swaziland, TWR Africa	Portuguese	7315af		
1400	1425		Turkey, Voice of Turkey	Italian	9610eu		
1400	1426		Romania, R Romania Intl	Italian	9800eu		
1400	1427		Iran, VO Islamic Rep of Iran	Arabic	13785as	15150as	17550as
1400	1427		Iran, VO Islamic Rep of Iran	Dari	13840as		
1400	1427		Iran, VO Islamic Rep of Iran	Japanese	13630as	15555as	
1400	1427		Iran, VO Islamic Rep of Iran	Urdu	9705as	15300as	15400as
1400	1427		Philippines, R Veritas Asia	Bengali	11870as		
1400	1427		Philippines, R Veritas Asia	Tamil	9520as		
1400	1430		Australia, ABC/R Australia	Chinese	9475as	9965as	11660as 11760as
1400	1430		Australia, HCJB Global Australia	Urdu	15340as		
1400	1430		Austria, AWR Europe	Urdu	15440as		
1400	1430	m	Austria, TWR Europe	Belarusian	9725eu		
1400	1430	twhfa	Austria, TWR Europe	Russian	9725eu		
1400	1430		China, China R International	Indonesian	9525as	11955as	
1400	1430		China, China R International	Thai	7360as	9785as	
1400	1430	f	Clandestine, JSR/Shiokaze/Sea Breeze	English	5985as		
1400	1430	mtwhfa	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5985as		
1400	1430	Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Korean	5985as		
1400	1430		Clandestine, Sound of Hope R Intl	Chinese	9995as	11970as	12980as
1400	1430		Clandestine, VO Tibet	Tibetan	15602as	17560as	
1400	1430	Sun	Clandestine, VO Wilderness	Korean	15630as		
1400	1430		Germany, Deutsche Welle	Pashto	15275as	15595as	17860as
1400	1430	m	Germany, TWR Europe	Belarusian	7215eu		
1400	1430	twhf	Germany, TWR Europe	Russian	7215eu		
1400	1430	mtwhf	Guam, KTWR/TWR Asia	Cantonese	9955as		
1400	1430	Sun	Guam, KTWR/TWR Asia	Korean	11580as		
1400	1430	Sun	Guam, KTWR/TWR Asia	Yue	9955as		
1400	1430		India, All India R/Delhi	Nepali	4860do		
1400	1430		India, All India R/External Svc	Nepali	3945as	4870as	7420as 11775as
1400	1430	Sat/Sun	India, TWR India	Hindi	11725as		
1400	1430		Indonesia, AWR Asia/Pacific	Chin	11965as		
1400	1430		Indonesia, AWR Asia/Pacific	Sinhala	15165as		
1400	1430		Indonesia, AWR Asia/Pacific	Urdu	15440as		
1400	1430		Japan, R Japan NHK World	English	11705as	15735as	
1400	1430		Japan, R Japan NHK World	Korean	6190as		
1400	1430		Mongolia, Voice of Mongolia	Mongolian	12015as		
1400	1430		Myanmar, Thazin BC Sta	Burmese	7110do		
1400	1430		Philippines, FEBC Philippines	Burmese	12120as		
1400	1430		Philippines, FEBC Philippines	Javanese	15620as		

1400	1430		Philippines, FEBC Philippines	Lahu	11750as			
1400	1430		Serbia, International R Serbia	Spanish	9635eu			
1400	1430		Thailand, R Thailand World Svc	English	9395va			
1400	1430		UK, BBC World Service	Burmese	5915as	9585as	11945as	
1400	1430		UK, BBC World Service	Hausa	15105af	21630af		
1400	1430		UK, BBC World Service	Hindi	7565as	9410as	11795as	15470as
1400	1430		UK, FEBA Radio	Urdu	9500as			
1400	1430		USA, BBG/R Farda	Farsi	7435as	15680as		
1400	1430		USA, BBG/R Free Afghanistan	Dari	11550as	15090as		
1400	1430		USA, BBG/R Free Asia	Burmese	7390as	9335as		
1400	1430		USA, BBG/R Free Asia	Vietnamese	9715as	11605as	12075as	13640as
1400	1430		USA, BBG/Voice of America	Khmer	5955as	11565as		
1400	1430	Sun	USA, Pan Amer Broadcasting	English	15205as			
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as			
1400	1440		China, Hulun Buir PBS	Mongolian	6080do			
1400	1440		India, All India R/Delhi	Marathi	9835do			
1400	1445	smtwhf	Guam, KTW/TWR Asia	Chinese	9975as			
1400	1445		Pakistan, PBC/R Pakistan	Pashto	7510as			
1400	1450		North Korea, Korean Central BC Sta	Korean	11735as	13650as		
1400	1455		Saudi Arabia, BSKSA/External Svc	Bengali	15120as			
1400	1455		Saudi Arabia, BSKSA/External Svc	Urdu	13775as			
1400	1455		Saudi Arabia, BSKSA/First General Pgm	Arabic	17705eu	21505af		
1400	1455		Saudi Arabia, BSKSA/Quran Pgm	Arabic	17895af	17615af		
1400	1455		Turkey, Voice of Turkey	Arabic	9540as	17770as		
1400	1456		Romania, R Romania Intl	Arabic	11830af	11945af	15160af	15490af
1400	1457		Iran, VO Islamic Rep of Iran	Dari	9565as			
1400	1457		North Korea, Korean Central BC Sta	Russian	9325eu	12015eu		
1400	1457		North Korea, Voice of Korea	French	9335na	11710na	13760eu	15245eu
1400	1500		Anguilla, University Network	English	11775na			
1400	1500		Australia, ABC NT Alice Springs	English	2310do			
1400	1500		Australia, ABC NT Katherine	English	2485do			
1400	1500		Australia, ABC NT Tennant Creek	English	2325do			
1400	1500		Australia, ABC/R Australia	English	5995pa	9580pa	11945pa	
1400	1500		Bahrain, R Bahrain	Arabic	9745me			
1400	1500		Bahrain, R Bahrain	English	6010me			
1400	1500		Bangladesh Betar/Home Svc	English/Bengali	4750as			
1400	1500		Bhutan, Bhutan BC Svc	Dzongkha	5030do	6035do		
1400	1500		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1400	1500		Bolivia, R Eco	Spanish	4409do			
1400	1500		Bolivia, R Fides	Spanish/Aymara	6155do			
1400	1500		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1400	1500		Bolivia, R Lipetz	Spanish/Aymara	4796do			
1400	1500		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1400	1500		Bolivia, R San Jose	Spanish	5580do			
1400	1500		Bolivia, R San Miguel	Spanish	4699do			
1400	1500		Bolivia, R Santa Ana	Spanish	4451do			
1400	1500		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1400	1500		Bolivia, R Tacana	Spanish	4782do			
1400	1500		Brazil, Educadora/Braganca	Portuguese	4825do			
1400	1500		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1400	1500		Brazil, R Anhanguera	Portuguese	4905do			
1400	1500		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1400	1500		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1400	1500		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1400	1500		Brazil, R Brasil Central	Portuguese	4985do	11815do		
1400	1500		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1400	1500		Brazil, R Capital	Portuguese	6070do			
1400	1500		Brazil, R Capixaba	Portuguese	4935do			
1400	1500		Brazil, R Clube do Para	Portuguese	4885do			
1400	1500		Brazil, R Congonhas	Portuguese	4775do			
1400	1500		Brazil, R Cultura do Para	Portuguese	5045do			
1400	1500		Brazil, R Cultura Filadelfia	Portuguese	6105do			
1400	1500		Brazil, R Cultura/Araraquara	Portuguese	3365do			
1400	1500		Brazil, R Cultura/Manaus	Portuguese	4845do			
1400	1500		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1400	1500		Brazil, R Difusora Acreana	Portuguese	4885do			
1400	1500		Brazil, R Difusora Roraima	Portuguese	4875do			
1400	1500		Brazil, R Difusora/Londrina	Portuguese	4815do			
1400	1500		Brazil, R Difusora/Macapa	Portuguese	4915do			
1400	1500		Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1400	1500		Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1400	1500		Brazil, R Educadora/Limeira	Portuguese	2380do			
1400	1500		Brazil, R Gaucha	Portuguese	6020do	11915do		
1400	1500		Brazil, R Gazeta	Portuguese	5955do	9685do		
1400	1500		Brazil, R Guaiba	Portuguese	6000do	11785do		
1400	1500		Brazil, R Guaruja Paulista	Portuguese	5045do			
1400	1500		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1400	1500		Brazil, R Inconfidencia	Portuguese	6010do	15190do		

1400	1500		Brazil, R Itatiaia	Portuguese	5970do				
1400	1500		Brazil, R Maria	Portuguese	4885do				
1400	1500		Brazil, R Marumby	Portuguese	6080do	9515do			
1400	1500		Brazil, R Meteorologia Paulista	Portuguese	4845do				
1400	1500		Brazil, R Mundial	Portuguese	3325do				
1400	1500		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
1400	1500		Brazil, R Nove de Julho	Portuguese	9820do				
1400	1500		Brazil, R Novo Tempo	Portuguese	4895do				
1400	1500		Brazil, R Rio Mar	Portuguese	6160do	9695do			
1400	1500		Brazil, R Trans Mundial	Portuguese	9530do	11735do			
1400	1500		Brazil, R Verdes Florestas	Portuguese	4865do				
1400	1500		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1400	1500		Brazil, Super R Alvorada	Portuguese	2460do				
1400	1500		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
1400	1500		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
1400	1500		Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1400	1500	Sun	Canada, Bible Voice Broadcasting	English	17495as				
1400	1500	Sat/Sun	Canada, CBC Northern Quebec Svc	English	9625na				
1400	1500		Canada, CFRX Toronto ON	English	6070na				
1400	1500		Canada, CFVP Calgary AB	English	6030na				
1400	1500		Canada, CKZN St Johns NF	English	6160na				
1400	1500		Canada, CKZU Vancouver BC	English	6160na				
1400	1500		Central African Rep, R Centrafrique	French/Sango	5035do				
1400	1500		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
1400	1500		Chile, CVC La Voz	Spanish	9635sa	17680sa			
1400	1500		China, China Huayi BC	Amoy/Chinese	6185do				
1400	1500		China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do		
1400	1500		China, China Natl R/CNR13	Uyghur	9420do	9890do			
1400	1500		China, China R International	Amoy	9655as	11650as			
1400	1500		China, China R International	Bengali	9490as	11610as			
1400	1500		China, China R International	Burmese	11780as				
1400	1500		China, China R International	Chinese	6040as	7210as	7235as	7400as	
					9430me	9730as	11610as	11785eu	
					15220na				
1400	1500		China, China R International	English	5955as	9765va	9870as	11665me	
					11675as	11765as	13710eu	13740na	
					13790eu	17630af			
1400	1500		China, China R International	French	11920af	13670af			
1400	1500		China, China R International	Japanese	7395as	7430as			
1400	1500		China, China R International	Khmer	6055as	9880as			
1400	1500		China, China R International	Korean	5965as				
1400	1500		China, China R International	Mongolian	5915as	5990as			
1400	1500		China, China R International	Nepali	7415as	7445as			
1400	1500		China, China R International	Russian	5905as	7330as	9525as		
1400	1500		China, China R International	Sinhala	7265as	11900as			
1400	1500		China, China R International	Tamil	11685as	13600as			
1400	1500		China, China R International	Urdu	9435as	11660as			
1400	1500		China, China R International	Vietnamese	9550as	12010as			
1400	1500		China, CNR/VO Minorities/CNR11	Tibetan	6010do	7350do	9480do		
1400	1500		China, CNR/VO Minorities/CNR13	Uyghur	9420do	9890do			
1400	1500		China, CNR/VO Minorities/CNR8	Kazakh	6180do	7445do	9630do	9645do	
1400	1500		China, CNR/VO Pujiang	Amoy/Wu	3280do	4950do	5075do		
1400	1500		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do			
1400	1500		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do			
1400	1500		China, Nei Menggu PBS	Chinese	7420do	9520do			
1400	1500		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1400	1500		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
1400	1500		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
					7450do				
1400	1500		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
					6130do	6200do	7255do	7385do	
1400	1500		China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do			
1400	1500		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do	
1400	1500		China, Xinjiang PBS	Kazakh	4330do	6015do			
1400	1500		China, Xinjiang PBS	Mongolian	4500do	6190do			
1400	1500		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do	
1400	1500		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do			
1400	1500		China, Yunnan PBS/VO Shangri-La	Vietnamese	6035do				
1400	1500		Clandestine, Denge Mezopotamya	Kurdish	11530as				
1400	1500		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1400	1500		Clandestine, Open R for North Korea	Korean	11570as				
1400	1500		Clandestine, R VO Kurdistan	Kurdish	3930as				
1400	1500		Clandestine, Sound of Hope R Intl	Chinese	9450as	11970as	12980as	13130as	
					13350as	13880as	14950as	15900as	
					16100as				
1400	1500		Clandestine, VO China	Chinese	7270as				
1400	1500		Clandestine, VO South Sudan Revol R	Sudanese Arabic/English		11650as			
1400	1500		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
1400	1500		Colombia, La Voz de tu Conciencia	Spanish	6010do				

1400	1500		Colombia, La Voz del Guaviare	Spanish	6035do			
1400	1500		Colombia, R Alcaravan	Spanish	5910do			
1400	1500		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1400	1500		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1400	1500		Croatia, Voice of Croatia	Croatian/various	7410eu			
1400	1500		Cuba, R Havana Cuba	Spanish	6150am	9540ca	11750ca	11760am
					13780na	15230sa	15340na	17730sa
					17580sa			
1400	1500	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	15340na	17590sa
					17750sa			
1400	1500		Cuba, R Rebelde	Spanish	5025na			
1400	1500		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1400	1500		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1400	1500		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1400	1500	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1400	1500		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1400	1500		Egypt, R Cairo	Arabic	15080af			
1400	1500		Egypt, R Cairo	Farsi	15040as			
1400	1500		Egypt, R Cairo	Pashto	15065as			
1400	1500		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1400	1500		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1400	1500		Eq Guinea, Pan Am BC/R Africa	English	15190af			
1400	1500		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
1400	1500		Ethiopia, Amhara State Reg R	Amharic	6090do			
1400	1500		Ethiopia, R Ethiopia	Arabic	7235va	9560va		
1400	1500		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do		
1400	1500		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1400	1500	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	11690eu		
1400	1500	DRM	France, R France International	French	3965af			
1400	1500		France, R France International	Vietnamese	7380as			
1400	1500		Gabon, Africa No. 1	French	9580af			
1400	1500		Germany, AWR Europe	Mandarin	15320as			
1400	1500	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1400	1500		Germany, R 700	German	3995eu			
1400	1500		Greece, R Stathmos Makedonias	Greek	9935eu			
1400	1500		Greece, Voice of Greece	Greek	9420va	15650va		
1400	1500	mtwhf	Guam, KTWR/TWR Asia	Korean	11580as			
1400	1500		Guatemala, R Verdad	English/Spanish	4055do			
1400	1500		Guinea, RTV Guinea	French/vernacular	7125do			
1400	1500		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1400	1500		Honduras, R Luz y Vida	Spanish	3250do			
1400	1500		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1400	1500		India, All India R/Aligarh	English/Hindi	9470do			
1400	1500		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do	9870do	
1400	1500		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
1400	1500		India, All India R/Chennai	English/Hindi/Tamil	4920do			
1400	1500		India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1400	1500		India, All India R/Delhi	Hindi	9575do	9835do		
1400	1500		India, All India R/External Svc	Dari/Pashto	11670as			
1400	1500		India, All India R/External Svc	English	9690as	11620as	13710as	
1400	1500		India, All India R/External Svc	Sindhi	6165as	7340as		
1400	1500		India, All India R/External Svc	Sinhala	7270as	9820as		
1400	1500	DRM	India, All India R/External Svc	Sinhala	15050as			
1400	1500		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do		
1400	1500		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1400	1500		India, All India R/Itanagar	English/Hindi/Buddist minority		4990do		
1400	1500		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		4910do		
1400	1500		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit		5040do		
1400	1500		India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do		
1400	1500		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do		
1400	1500		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1400	1500		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4840do		
1400	1500		India, All India R/Port Blair	English/Hindi/vernaculars		4760do		
1400	1500		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4760do	4950do	
1400	1500		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1400	1500		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu		4965do		
1400	1500		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1400	1500		Indonesia, AWR Asia/Pacific	Chinese	13575as	15320as		
1400	1500		Indonesia, RRI Biak	Indonesian	4920do			
1400	1500		Indonesia, RRI Fak Fak	Indonesian	4790do			
1400	1500		Indonesia, RRI Jakarta	Indonesian	9680do			
1400	1500		Indonesia, RRI Kendari	Indonesian	3995do			
1400	1500		Indonesia, RRI Makassar	Indonesian	4750do			
1400	1500		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1400	1500		Indonesia, RRI Pontianak	Indonesian	3976do			
1400	1500		Indonesia, RRI Ternate	Indonesian	3345do			
1400	1500		Indonesia, RRI Wamena	Indonesian	4870do			
1400	1500		Indonesia, VO Indonesia	Indonesian	9526va			
1400	1500		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		9490as		
1400	1500		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		

1400	1500		Israel, Kol Israel	Persian	15760as				
1400	1500	smtwh	Israel, Kol Israel	Persian	17535as				
1400	1500		Italy, IRRS SW	English	15190va				
1400	1500		Japan, R Japan NHK World	Japanese	9750as	11655ca	11815as	17660va	
					17670as				
1400	1500	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
1400	1500		Kuwait, R Kuwait/General Svc	Arabic	9750af	11630af	21540va		
1400	1500		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do			
1400	1500		Laos, LNR Natl Svc/Vientane	Lao	6130do				
1400	1500		Madagascar, R Natl Malagasy	French/Malagasy	6135do				
1400	1500		Malaysia, RTM Kajang/Asyik FM	Jakun/Malay/Semai/Temiar/Temuan	6050do				
1400	1500		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1400	1500		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1400	1500		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
1400	1500		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do			
1400	1500		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al		
1400	1500		Mexico, R Mil Onda Corta	Spanish	6010do				
1400	1500		Mexico, R Transcontinental de America	Spanish	4800do				
1400	1500		Mexico, R Universidad	Spanish	6045do				
1400	1500		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do		
1400	1500		Morocco, R Marocaine	Arabic	15349af				
1400	1500		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
1400	1500		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do			
1400	1500		Myanmar, Myanma R/Educational Pgm	Burmese/vernaculars	5915do				
1400	1500		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5985do	7100do			
1400	1500		Nepal, R Nepal	Nepali	5005do				
1400	1500		New Zealand, R New Zealand Intl	English	6170pa				
1400	1500		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
1400	1500		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
1400	1500		Nigeria, Voice of Nigeria	English	9690af				
1400	1500		Oman, R Sultanate of Oman	English	15140va				
1400	1500		Pakistan, Azad Kashmir R	Urdu	3975do	4790do			
1400	1500		Pakistan, PBC/R Pakistan	Urdu	15290va	17520va			
1400	1500		Papua New Guinea, R Buka	Tok Pisin	3325do				
1400	1500		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do			
1400	1500		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do				
1400	1500		Papua New Guinea, R Madang	Tok Pisin	3260do				
1400	1500		Papua New Guinea, R Manus	Tok Pisin	3315do				
1400	1500		Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
1400	1500		Papua New Guinea, R New Ireland	Tok Pisin	3905do				
1400	1500		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do			
1400	1500		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
1400	1500		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
1400	1500		Papua New Guinea, R Western	Tok Pisin/English	3305do				
1400	1500		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
1400	1500		Peru, La Voz de las Huarinjas	Spanish	5059do				
1400	1500		Peru, R Bethel	Spanish	5921do				
1400	1500		Peru, R Cusco	Spanish	4780do				
1400	1500		Peru, R del Pacifico	Spanish	4975do	9675do			
1400	1500		Peru, R Horizonte	Spanish	5020do				
1400	1500		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
1400	1500		Peru, R Madre de Dios	Spanish	4950do				
1400	1500		Peru, R Manantial	Spanish/Quechua	4987do				
1400	1500		Peru, R Maranon	Spanish	4835do				
1400	1500		Peru, R Ondas del Sur Oriente	Spanish	5120do				
1400	1500		Peru, R Quillabamba	Spanish/Quechua	5025do				
1400	1500		Peru, R Santa Rosa	Spanish	6047do				
1400	1500		Peru, R Sicuani	Spanish/Quechua	4826do				
1400	1500		Peru, R Tarma	Spanish	4775do				
1400	1500		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1400	1500		Peru, R Union	Spanish	6115do				
1400	1500		Peru, R Victoria	Spanish	6020do	9720do			
1400	1500		Peru, R Vision	Spanish	4790do				
1400	1500		Philippines, FEBC Philippines	Chinese	9345as	9430as			
1400	1500		Poland, Polish Radio/External Svc	Polish	15480eu				
1400	1500		Russia, R Rossii	Russian	9480eu				
1400	1500	DRM	Russia, Voice of Russia	English	12095eu				
1400	1500		Russia, Voice of Russia	English	4975va	9560as	11500as	11840as	
1400	1500		Russia, Voice of Russia	Russian	5925as	7285eu	9900me	11860eu	
					13870me				
1400	1500		Russia, Voice of Russia	Turkish	7325me	11985me			
1400	1500		Saudi Arabia, BSKSA/External Svc	French	17660af				
1400	1500		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
1400	1500		South Africa, Channel Africa	Portuguese	9625af				
1400	1500		South Africa, R Sonder Grense	Afrikaans	9650do				
1400	1500		South Korea, KBS World R	English	9570as				
1400	1500		South Korea, KBS World R	Indonesian	9570as				
1400	1500		South Korea, KBS World R	Korean	9650na				
1400	1500		South Korea, 1st Global Korean Netwk	Korean	6015as				
1400	1500	mtwhf	Spain, R Exterior de Espana	Spanish	17595na				

1400	1500	smtwhf	Spain, R Exterior de Espana	Spanish	5970ca	11815sa	11880na	21540af
1400	1500	Sun	Spain, R Exterior de Espana	Spanish	17715sa			
1400	1500	Sat/Sun	Spain, R Exterior de Espana	Spanish	17755af			
1400	1500		Spain, R Exterior de Espana	Spanish	15585eu	21610me		
1400	1500		Sri Lanka, SLBC	Hindi	7190as	11905as		
1400	1500		Sudan, Sudan R	Arabic	7200do			
1400	1500		Taiwan, R Taiwan Intl	Chinese	6075as	6085as	6145as	7385as
					7445as	9680as		
1400	1500		Taiwan, R Taiwan Intl	Indonesian	11875as			
1400	1500		Taiwan, R Taiwan Intl	Russian	15225eu			
1400	1500		Taiwan, R Taiwan Intl	Thai	11635as			
1400	1500		Taiwan, R Taiwan Intl	Vietnamese	9625as			
1400	1500		Tajikistan, R Tojikiston/TR1	Russian	4765as			
1400	1500		Tajikistan, VO Tajik	Tajik	7245as			
1400	1500		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik	Tajik	4765do		
1400	1500		Turkey, Voice of Turkey	Turkish	9840va			
1400	1500		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
1400	1500		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
1400	1500		UK, BBC World Service	Dari	6195eu	9810as	13660as	
1400	1500		UK, BBC World Service	English	5845as	5875as	6190af	6195as
					9740as	11890as	12095af	13820me
					15310as	17640af	17830af	21470af
1400	1500		UK, BBC World Service	Hausa	17780af			
1400	1500	Sat	UK, BBC World Service	Somali	15370af			
1400	1500	smtwhf	UK, BBC World Service	Somali	11860af	15420af		
1400	1500		UK, BBC World Service	Somali	17840af			
1400	1500		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	
1400	1500		USA, BBG/R Farda	Farsi	11520as	12005as	13690as	17695as
1400	1500		USA, BBG/R Free Asia	Cantonese	12135as			
1400	1500		USA, BBG/R Free Europe/R Liberty	Russian	5970eu	13745eu	15460eu	
1400	1500		USA, BBG/R Free Europe/R Liberty	Tajik	9790as	11975as		
1400	1500		USA, BBG/R Free Europe/R Liberty	Turkmen	12025as	15240as		
1400	1500		USA, BBG/R Free Europe/R Liberty	Uzbek	7555as	13615as	13690as	
1400	1500		USA, BBG/R Marti	Spanish	11845ca	11930ca	13820ca	
1400	1500		USA, BBG/VOA Deewa R	Pashto	7455as	7495as	9370as	9565as
1400	1500		USA, BBG/VOA/Aap Ki Dunya	Urdu	11880as	15725as		
1400	1500		USA, BBG/Voice of America	Cantonese	7365as	9355as		
1400	1500		USA, BBG/Voice of America	Chinese	6110as	9845as	11615as	11785as
					11805as	15115as	15250as	
1400	1500		USA, BBG/Voice of America	English	4930af	6080af	15265af	15580af
					17530af			
1400	1500	mtwhf	USA, BBG/Voice of America	English	7540as	7575as	12150as	
1400	1500		USA, BBG/Voice of America	Korean	7225as	11935as	15775as	
1400	1500		USA, BBG/Voice of America	Kurdish	11640me	15130me	17870me	
1400	1500		USA, BBG/Voice of America	Tibetan	9920as	11510as	17730as	
1400	1500		USA, FBN/WTJC Newport NC	English	9370na			
1400	1500		USA, KJES Vado NM	Spanish	11715na			
1400	1500		USA, KNLS Anchor Point AK	Mandarin	9655as			
1400	1500		USA, Overcomer Ministry	English	9655eu	15190eu		
1400	1500		USA, WBCQ Monticello ME	English	9330am			
1400	1500	Sat/Sun	USA, WBCQ Monticello ME	English	15420am			
1400	1500		USA, WEWN/EWTN Irondale AL	English	15615as			
1400	1500		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050sa		
1400	1500	Sat/Sun	USA, WHRI Cypress Creek SC	English	9795am	9840am	21670va	
1400	1500		USA, WJHR Intl Milton FL	English	15550usb			
1400	1500	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1400	1500		USA, WTWW Lebanon TN	Arabic	12105va			
1400	1500		USA, WTWW Lebanon TN	English	9479va			
1400	1500		USA, WWCR Nashville TN	English	7490af	9980af	13845eu	15825eu
1400	1500		USA, WWRB Manchester TN	English	9385na			
1400	1500		USA, WYFR/Family R Worldwide	Assamese	15450as			
1400	1500		USA, WYFR/Family R Worldwide	Bengali	17580as			
1400	1500		USA, WYFR/Family R Worldwide	English	11540as			
1400	1500		USA, WYFR/Family R Worldwide	English/Japanese	6240as	9280as	11540as	
1400	1500		USA, WYFR/Family R Worldwide	Hindi	9595as	15670as		
1400	1500		USA, WYFR/Family R Worldwide	Malayalam	15690as			
1400	1500		USA, WYFR/Family R Worldwide	Mandarin	6240as	9280as		
1400	1500		USA, WYFR/Family R Worldwide	Marathi	9595as			
1400	1500		USA, WYFR/Family R Worldwide	Oriya	15570as			
1400	1500		USA, WYFR/Family R Worldwide	Punjabi	7530as			
1400	1500		USA, WYFR/Family R Worldwide	Sindhi	17715as	17800as		
1400	1500		USA, WYFR/Family R Worldwide	Tamil	17715as			
1400	1500		USA, WYFR/Family R Worldwide	Urdu	11535as			
1400	1500		USA, WYFR/Family R Worldwide	Uzbek	13735as			
1400	1500		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
1400	1500		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1400	1500		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do		
1400	1500		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
1400	1500		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	

1400	1500		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars	9530do		
1400	1500		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars	5925do		
1400	1500		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars	6020do		
1400	1500		Yemen, Rep of Yemen R	Arabic	6135me		
1400	1500		Zambia, Christian Voice	English	6065af		
1400	1500		Zambia, CVC Intl/1 Africa	English	13590af		
1400	1500		Zambia, Zambia Natl BC	Bemba/English/vernaculars	5915do		6165do
1400	1500		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona	6045do		
1405	1420	twhf	Canada, Bible Voice Broadcasting	Cantonese	15270as		
1405	1430		India, All India R/Delhi	Kannada	9835do		
1405	1435	Sat/Sun	Canada, Bible Voice Broadcasting	English	15270as		
1405	1435	m	Canada, Bible Voice Broadcasting	Mandarin	15270as		
1405	1500		India, All India R/Delhi	Bengali	9575do		
1410	1430	ws	Vatican City State, Vatican R	Urdu	11850as	13765as	17520as
1415	1427		Nepal, R Nepal	English	5005do		
1415	1430	Sat/Sun	India, Athmeeya Yatra R	Banjara	15350as		
1415	1430	t	India, Athmeeya Yatra R	Dhimasa	15390as		
1415	1430	wh	India, Athmeeya Yatra R	Gamit	15350as		
1415	1430	Sat/Sun	India, Athmeeya Yatra R	Garro	15390as		
1415	1430	mt	India, Athmeeya Yatra R	Kui	15350as		
1415	1430	f	India, Athmeeya Yatra R	Kukna	15350as		
1415	1430	whf	India, Athmeeya Yatra R	Mising	15390as		
1415	1430	m	India, Athmeeya Yatra R	Santhali	15390as		
1415	1430	mtwhf	India, TWR India	Garhwali	11725as		
1415	1430	hfa	India, TWR India	Kurukh	12055as		
1415	1430	sm	India, TWR India	Maghai	12055as		
1415	1430	tw	India, TWR India	Mundari	12055as		
1415	1430	mtwhfa	USA, Pan Amer Broadcasting	English	15205as		
1415	1430		Vatican City State, Vatican R	Polish	7250eu	9645eu	
1415	1430	DRM	Vatican City State, Vatican R	Polish	7320eu		
1415	1500		India, All India R/External Svc	Pashto	11670as		
1420	1440		India, All India R/Itanagar	English	4990do		
1420	1455		Swaziland, TWR Africa	English	4760af		
1425	1455	m	Spain, R Exterior de Espana	Sefardi	15385me		
1425	1455		Swaziland, TWR Africa	Portuguese	7315af		
1430	1440		India, All India R/Delhi	Hindi	6085do		
1430	1445	Sat/Sun	Australia, HCJB Global Australia	Chhattisghari	15340as		
1430	1445	f	Australia, HCJB Global Australia	Hmar	15340as		
1430	1445	mh	Australia, HCJB Global Australia	Kurukh	15340as		
1430	1445	t	Australia, HCJB Global Australia	Marwari	15340as		
1430	1445	w	Australia, HCJB Global Australia	Telugu	15340as		
1430	1445		India, All India R/Aizawl	English	5050do		
1430	1445		India, All India R/Delhi	English	6085do	9575do	9835do
1430	1445		India, All India R/Jeypore	English	5040do		
1430	1445		India, All India R/Mumbai	English	4840do		
1430	1445	h	India, Athmeeya Yatra R	Chowdhari	15350as		
1430	1445	mt	India, Athmeeya Yatra R	Dzongkha	15390as		
1430	1445	Sat/Sun	India, Athmeeya Yatra R	Harayanvi	15350as		
1430	1445	Sat/Sun	India, Athmeeya Yatra R	Khasi	15390as		
1430	1445	hf	India, Athmeeya Yatra R	Konyak	15390as		
1430	1445	f	India, Athmeeya Yatra R	Kotwali	15350as		
1430	1445	w	India, Athmeeya Yatra R	Nyishi	15390as		
1430	1445	mt	India, Athmeeya Yatra R	Sambalपुरi	15350as		
1430	1445	w	India, Athmeeya Yatra R	Varli	15350as		
1430	1445	Sat/Sun	India, TWR India	Sadri	12055as		
1430	1445		UK, FEBA Radio	mixed languages	9500as		
1430	1445	Sun	USA, Pan Amer Broadcasting	English	15205as		
1430	1450		Vatican City State, Vatican R	Hindi	11850as	13765as	17520as
1430	1456		Romania, R Romania Intl	Aromanian	6060eu		
1430	1500		Armenia, Public R of Armenia	Farsi	4810me		
1430	1500		Australia, ABC/R Australia	English	9475as	11660as	
1430	1500		Austria, AWR Europe	Afar	17605af		
1430	1500	Sat	Canada, Bible Voice Broadcasting	English	17495as		
1430	1500		China, China R International	Filipino	7325as	11640as	11695as 12110as
1430	1500		China, China R International	Lao	7360as	9675as	
1430	1500		Clandestine, Democrato VO of Burma	Burmese	11560as		
1430	1500		Clandestine, Furusato no Kaze/Illbon-E-Baram	Japanese	9960as		
1430	1500	tha	Clandestine, Ginbot 7 Dimts R	Amharic	5980af	6025af	7120af 7185af
					9700af		
1430	1500		Clandestine, R Sedayee Kashmir	Kashmiri	4870as		
1430	1500		Clandestine, Sound of Hope R Intl	Chinese	15780as		
1430	1500		Clandestine, Sound of Hope R Intl	Chinese	15780as		
1430	1500		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4870as	
1430	1500		France, R France International	Persian	15360me	17850me	
1430	1500		Germany, Deutsche Welle	Urdu	15275as	15595as	17860as
1430	1500		Guam, KTWR/TWR Asia	Various	15170as		
1430	1500		India, All India R/Delhi	Urdu	4860do		
1430	1500		India, All India R/External Svc	Urdu	3945as	6045as	
1430	1500	Sat	India, All India R/Gangtok	English	4835do		
1430	1500		India, All India R/Gangtok	English/Hindi	4835do		

1430	1500		India, All India R/Gorakhpur	Urdu	3945do	4860do	6045do	
1430	1500		India, TWR India	Hindi	11725as			
1430	1500	mtwhf	India, TWR India	Sindhi	12055as			
1430	1500		Indonesia, AWR Asia/Pacific	Burmese	15715as			
1430	1500		Indonesia, AWR Asia/Pacific	Karen	12065as			
1430	1500		Iran, VO Islamic Rep of Iran	Arabic	11815as	11995as		
1430	1500		Iran, VO Islamic Rep of Iran	Azeri	9655as			
1430	1500		Iran, VO Islamic Rep of Iran	Bengali	11700as	13840as	15400as	
1430	1500		Iran, VO Islamic Rep of Iran	Hindi	13725as	15300as		
1430	1500		Iran, VO Islamic Rep of Iran	Pashto	5890as			
1430	1500		Iran, VO Islamic Rep of Iran	Russian	9555eu	11955eu	13595eu	13800eu
1430	1500		Japan, R Japan NHK World	Burmese	11740as			
1430	1500		Japan, R Japan NHK World	Chinese	6190as			
1430	1500		Japan, R Japan NHK World	Hindi	15745as			
1430	1500		Japan, R Japan NHK World	Persian	13680me			
1430	1500		Madagascar, AWR Africa	Malagasy	6155af			
1430	1500		Mongolia, Voice of Mongolia	Chinese	12015as			
1430	1500		Philippines, FEBC Philippines	Indonesian	15620as			
1430	1500		Philippines, FEBC Philippines	Uyghur	12085as			
1430	1500		Philippines, R Veritas Asia	Chin	11870as			
1430	1500		Philippines, R Veritas Asia	Telugu	11750as			
1430	1500		Serbia, International R Serbia	Arabic	9635eu			
1430	1500		USA, BBG/R Farda	Farsi	15555as			
1430	1500		USA, BBG/R Free Asia	Cantonese	7280as	9605as		
1430	1500		USA, BBG/R Free Asia	Vietnamese	9715as	11605as	12075as	13640as
1430	1500		USA, BBG/VOA/R Ashna	Pashto	9335as	15090as	15380as	
1430	1500		USA, BBG/Voice of America	Burmese	5835as	9320as	11910as	12120as
1430	1500		USA, WRMI/R Prague relay	English	9955ca			
1430	1500		Vatican City State, Vatican R	Italian	6075eu	7250eu	9645eu	
1430	1500	mtwhas	Vatican City State, Vatican R	Music	6075eu	7250eu	9645eu	
1430	1500		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as		
1445	1500		Australia, HCJB Global Australia	English	15340as			
1445	1500	Sat	Australia, HCJB Global Australia	Nepali	15340as			
1445	1500		India, All India R/Delhi	Urdu	6085do			
1445	1500		India, All India R/External Svc	Bengali	7420as			
1445	1500	Sat/Sun	India, Athmeeya Yatra R	Bhojpuri	15350as			
1445	1500	mtwhf	India, Athmeeya Yatra R	Hindi	15350as			
1445	1500	Sat/Sun	India, Athmeeya Yatra R	Kham	15390as			
1445	1500	hf	India, Athmeeya Yatra R	Newari	15390as			
1445	1500	mt	India, Athmeeya Yatra R	Sharchoipa	15390as			
1445	1500	w	India, Athmeeya Yatra R	Tangsa	15390as			
1445	1500	Sat/Sun	India, TWR India	Chodri	12055as			
1445	1500	Sun	India, TWR India	Punjabi	11725as			
1445	1500		Pakistan, PBC/R Pakistan	Dari	7510as			
1450	1500		India, All India R/Itanagar	English	4990do			
1450	1500		India, All India R/Kurseong	English	4895do			
1450	1500		Vatican City State, Vatican R	Tamil	11850as	13765as	17520as	
1455	1500		Clandestine, R Naatham	Tamil	12225as			
1455	1500	Sat	Swaziland, TWR Africa	French	9635af			
1455	1500	mtwhfs	Swaziland, TWR Africa	Malagasy	9635af			
1455	1500		Swaziland, TWR Africa	Ndebele	4760af			
1456	1500		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do			

1500 UTC - 11AM EDT / 10AM CDT / 8AM PDT

1500	1510		Clandestine, R Sedayee Kashmir	Kashmiri	4870as			
1500	1510		Swaziland, TWR Africa	Makhuwa	7315af			
1500	1510		Vatican City State, Vatican R	Tamil	11850as	13765as	17520as	
1500	1515	Sat	Australia, HCJB Global Australia	Nepali	15340as			
1500	1515	Sun	Canada, Bible Voice Broadcasting	English	13740as			
1500	1515		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
1500	1515		India, All India R/External Svc	Bengali	7420as			
1500	1515	tw	India, Athmeeya Yatra R	Lepcha	15390as			
1500	1515	hf	India, Athmeeya Yatra R	Magahi	15390as			
1500	1515	m	India, Athmeeya Yatra R	Sherpa	15390as			
1500	1515	Sat/Sun	India, Athmeeya Yatra R	Urdu	15390as			
1500	1515	Sat/Sun	India, TWR India	Bhili	12055as			
1500	1515	mtw	India, TWR India	Gamit	12055as			
1500	1515	mtwhfa	India, TWR India	Hindi	11725as			
1500	1515	Sun	India, TWR India	Punjabi	11725as			
1500	1515	hf	India, TWR India	Vasavi	12055as			
1500	1515	f	Italy, IRRS SW	Arabic	15190va			
1500	1515		Japan, R Japan NHK World	Hindi	15745as			
1500	1520		USA, BBG/R Free Europe/R Liberty	Avar	11810eu	13615eu		
1500	1525	Sun	China, Haixa zhi Sheng/VO Strait	English	4940do	9505do		
1500	1525	mhf	Guam, KTWR/TWR Asia	English	15200as			
1500	1525		Israel, Kol Israel	Persian	15760as			
1500	1525	smtwh	Israel, Kol Israel	Persian	17535as			
1500	1525	Sat	Swaziland, TWR Africa	French	9635af			

1500	1525	mtwhfs	Swaziland, TWR Africa	Malagasy	9635af			
1500	1525		Swaziland, TWR Africa	Ndebele	4760af			
1500	1525		Turkey, Voice of Turkey	Dari	11765as			
1500	1526		Romania, R Romania Intl	Ukrainian	6060eu			
1500	1527		Iran, VO Islamic Rep of Iran	Bengali	11700as	13840as	15400as	
1500	1527		Iran, VO Islamic Rep of Iran	Hindi	13725as	15300as		
1500	1527		Iran, VO Islamic Rep of Iran	Pashto	5890as			
1500	1527		Iran, VO Islamic Rep of Iran	Russian	9555eu	11955eu	13595eu	13800eu
1500	1530		Armenia, Public R of Armenia	Yezidi	4810me			
1500	1530		Australia, ABC/R Australia	English	11945pa			
1500	1530		Australia, HCJB Global Australia	English	15340as			
1500	1530		Austria, AWR Europe	Turkish	11880as			
1500	1530		China, China R International	Lao	7360as	9675as		
1500	1530		China, China R International	Persian	9570me	9600me		
1500	1530		Clandestine, Democratic VO of Burma	Burmese	11560as			
1500	1530		Clandestine, Furusato no Kaze/Ilbon-E-Baram		Korean	9975as		
1500	1530		Clandestine, Nippon no Kaze	Korean	9975as			
1500	1530		Clandestine, R VO Kurdistan	Farsi	3930as			
1500	1530	Sun	Clandestine, Sudan R Service	Arabic (Juba)	17745af			
1500	1530	mwfs tha	Clandestine, VO Democratic Alliance	Arabic	7235af	9560af		
1500	1530		Clandestine, VO Democratic Alliance	Tigrinya	7235af	9560af		
1500	1530	Sun	Cuba, R Havana Cuba	Esperanto	11760am			
1500	1530		Egypt, R Cairo	Farsi	15040as			
1500	1530		France, R France International	Russian	13630eu	15215eu		
1500	1530		Germany, AWR Europe	Nepali	15595as			
1500	1530		Germany, AWR Europe	Punjabi	15255as			
1500	1530	Sat	Germany, Evangelische Missions-Gemeiden	Russian	11695eu			
1500	1530		India, All India R/External Svc	Dari/Pashto	11670as			
1500	1530		India, All India R/External Svc	Pashto	11670as			
1500	1530		India, All India R/Jeyapore	English	5040do			
1500	1530		India, TWR India	Urdu	11685as			
1500	1530		Indonesia, AWR Asia/Pacific	Karen	15715as			
1500	1530		Indonesia, AWR Asia/Pacific	Mizo	15690as			
1500	1530		Indonesia, AWR Asia/Pacific	Nepali	15595as			
1500	1530		Indonesia, AWR Asia/Pacific	Punjabi	15255as			
1500	1530		Indonesia, AWR Asia/Pacific	Tamil	11870as			
1500	1530		Indonesia, AWR Asia/Pacific	Telugu	11640as			
1500	1530		Madagascar, AWR Africa	Malagasy	6155af			
1500	1530		Mongolia, Voice of Mongolia	Japanese	12015as			
1500	1530		Myanmar, Defence Forces BC Unit	Burmese/minority languages		5770do		
1500	1530		Pakistan, PBC/R Pakistan	Urdu	15290va	17520va		
1500	1530		Philippines, FEBC Philippines	Indonesian	15620as			
1500	1530	Sun	Philippines, FEBC Philippines	Russian	11650as			
1500	1530		Serbia, International R Serbia	Russian	9635eu			
1500	1530		Sri Lanka, SLBC	Hindi	7190as	11905as		
1500	1530		Taiwan, R Taiwan Intl	Cantonese	11605as			
1500	1530		UK, FEBA Radio	Bangla (rural)	9390as			
1500	1530		UK, FEBA Radio	Dari	11755as			
1500	1530		USA, BBG/R Farda	Farsi	17695as			
1500	1530		USA, BBG/R Free Europe/R Liberty	Kyrgyz	11780as	15360as		
1500	1530	Sat/Sun	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	9495eu			
1500	1530		USA, BBG/VOA/R Ashna	Pashto	9335as	15090as	15380as	
1500	1530		USA, BBG/Voice of America	Burmese	5835as	9320as	11910as	12120as
1500	1530		USA, BBG/Voice of America	Hausa	13630af	13730af	17530af	
1500	1530		USA, BBG/Voice of America	Uzbek	9580as	11930as	11940as	15100as
1500	1530		Vatican City State, Vatican R	Vespers	6075eu	7250eu	9645eu	
1500	1530		Vietnam, VO Vietnam/Overseas Svc	English	7285as	9840as	12020as	
1500	1535	twas	Guam, KTWR/TWR Asia	English	15200as			
1500	1545		Pakistan, PBC/R Pakistan	Dari	7510as			
1500	1545		UK, BBC World Service	Urdu	7565as			
1500	1550		New Zealand, R New Zealand Intl	English	6170pa			
1500	1553		Philippines, R Veritas Asia	Filipino	15350as			
1500	1555		Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	17615af		
1500	1555		South Africa, Channel Africa	Swahili	15660af			
1500	1555		Turkey, Voice of Turkey	Persian	9765as			
1500	1555		Turkey, Voice of Turkey	Turkish	9840va			
1500	1556		Romania, R Romania Intl	Romanian	11910eu	15130eu		
1500	1556	DRM	Romania, R Romania Intl	Russian	11615eu			
1500	1556		Romania, R Romania Intl	Russian	9690eu			
1500	1557		Germany, Deutsche Welle	Swahili	7265af	9770af	12070af	
1500	1557		Iran, VO Islamic Rep of Iran	Uzbek	5945as	11860as		
1500	1557		North Korea, Korean Central BC Sta	Russian	9325eu	12015eu		
1500	1557		North Korea, Voice of Korea	Arabic	9990va	11545va		
1500	1557		North Korea, Voice of Korea	English	9335na	11710na	13760eu	15245eu
1500	1600		Anguilla, University Network	English	11775na			
1500	1600		Australia, ABC NT Alice Springs	English	2310do			
1500	1600		Australia, ABC NT Katherine	English	2485do			
1500	1600		Australia, ABC/R Australia	English	5940as	5995pa	7240pa	9475as
					11660as			
1500	1600		Bahrain, R Bahrain	Arabic	9745me			

1500	1600	Bahrain, R Bahrain	English	6010me				
1500	1600	Bangladesh Betar/Home Svc	English/Bengali	4750as				
1500	1600	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu	7255eu			
1500	1600	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1500	1600	Bolivia, R Eco	Spanish	4409do				
1500	1600	Bolivia, R Fides	Spanish/Aymara	6155do				
1500	1600	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1500	1600	Bolivia, R Lipéz	Spanish/Aymara	4796do				
1500	1600	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
1500	1600	Bolivia, R San Jose	Spanish	5580do				
1500	1600	Bolivia, R San Miguel	Spanish	4699do				
1500	1600	Bolivia, R Santa Ana	Spanish	4451do				
1500	1600	Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
1500	1600	Bolivia, R Tacana	Spanish	4782do				
1500	1600	Brazil, Educadora/Braganca	Portuguese	4825do				
1500	1600	Brazil, R Alvorada/Londrina	Portuguese	4865do				
1500	1600	Brazil, R Anhanguera	Portuguese	4905do				
1500	1600	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
1500	1600	Brazil, R Bandeirantes	Portuguese	6090do	9645do			
1500	1600	Brazil, R Boa Vontade	Portuguese	6160do	9550do			
1500	1600	Brazil, R Brasil Central	Portuguese	4985do	11815do			
1500	1600	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
1500	1600	Brazil, R Capital	Portuguese	6070do				
1500	1600	Brazil, R Capixaba	Portuguese	4935do				
1500	1600	Brazil, R Clube do Para	Portuguese	4885do				
1500	1600	Brazil, R Congonhas	Portuguese	4775do				
1500	1600	Brazil, R Cultura do Para	Portuguese	5045do				
1500	1600	Brazil, R Cultura Filadelfia	Portuguese	6105do				
1500	1600	Brazil, R Cultura/Araraquara	Portuguese	3365do				
1500	1600	Brazil, R Cultura/Manaus	Portuguese	4845do				
1500	1600	Brazil, R Daqui	Portuguese	4915do	6080do	11830do		
1500	1600	Brazil, R Difusora Acreana	Portuguese	4885do				
1500	1600	Brazil, R Difusora do Amazonas	Portuguese	4805do				
1500	1600	Brazil, R Difusora Roraima	Portuguese	4875do				
1500	1600	Brazil, R Difusora/Londrina	Portuguese	4815do				
1500	1600	Brazil, R Difusora/Macapá	Portuguese	4915do				
1500	1600	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1500	1600	Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
1500	1600	Brazil, R Educadora/Limeira	Portuguese	2380do				
1500	1600	Brazil, R Gaucha	Portuguese	6020do	11915do			
1500	1600	Brazil, R Gazeta	Portuguese	5955do	9685do			
1500	1600	Brazil, R Guaiba	Portuguese	6000do	11785do			
1500	1600	Brazil, R Guarujá Paulista	Portuguese	5045do				
1500	1600	Brazil, R Imaculada Conceicao	Portuguese	4755do				
1500	1600	Brazil, R Inconfidencia	Portuguese	6010do	15190do			
1500	1600	Brazil, R Itatiaia	Portuguese	5970do				
1500	1600	Brazil, R Maria	Portuguese	4885do				
1500	1600	Brazil, R Marumby	Portuguese	6080do	9515do			
1500	1600	Brazil, R Meteorologia Paulista	Portuguese	4845do				
1500	1600	Brazil, R Mundial	Portuguese	3325do				
1500	1600	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
1500	1600	Brazil, R Nove de Julho	Portuguese	9820do				
1500	1600	Brazil, R Novo Tempo	Portuguese	4895do				
1500	1600	Brazil, R Record	Portuguese	6150do	9505do			
1500	1600	Brazil, R Rio Mar	Portuguese	6160do	9695do			
1500	1600	Brazil, R Trans Mundial	Portuguese	9530do	11735do			
1500	1600	Brazil, R Verdes Florestas	Portuguese	4865do				
1500	1600	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1500	1600	Brazil, Super R Alvorada	Portuguese	2460do				
1500	1600	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
1500	1600	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
1500	1600	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1500	1600	Sat/Sun Canada, CBC Northern Quebec Svc	English	9625na				
1500	1600	Canada, CFRX Toronto ON	English	6070na				
1500	1600	Canada, CFVP Calgary AB	English	6030na				
1500	1600	Canada, CKZN St Johns NF	English	6160na				
1500	1600	Canada, CKZU Vancouver BC	English	6160na				
1500	1600	Central African Rep, R Centrafrique	French/Sango	5035do				
1500	1600	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
1500	1600	Chile, CVC La Voz	Spanish	9635sa	17680sa			
1500	1600	China, China Huayi BC	Amoy/Chinese	6185do				
1500	1600	China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do		
1500	1600	China, China Natl R/CNR13	Uyghur	9420do	9890do			
1500	1600	China, China R International	Bengali	9610as	9690as			
1500	1600	China, China R International	Chinese	5910as	7255as	7265as	9455as	
				9560as	13680eu	13755eu		
1500	1600	China, China R International	English	5955as	6095me	7325as	7395as	
				9720me	9800as	9870as	11965eu	
				13640eu	13740na	17630af		
1500	1600	China, China R International	French	11920af	13670af			

1500	1600		China, China R International	Hindi	7225as	7235as		
1500	1600		China, China R International	Japanese	15135as	17605as		
1500	1600		China, China R International	Nepali	7215as	7250as		
1500	1600		China, China R International	Pashto	9665as	11665as		
1500	1600		China, China R International	Russian	5905as	5915as	5965as	5990as
					9880eu	11790va		
1500	1600		China, China R International	Tamil	9490as	11800as		
1500	1600		China, China R International	Turkish	7345me	9565me		
1500	1600		China, China R International	Urdu	7285as	9435as		
1500	1600		China, China R International	Vietnamese	9550as			
1500	1600		China, CNR/VO Minorities/CNR11	Tibetan	6010do	7350do	9480do	
1500	1600		China, CNR/VO Minorities/CNR13	Uyghur	9420do	9890do		
1500	1600		China, CNR/VO Minorities/CNR8	Kazakh	6145do	7445do	9630do	9645do
1500	1600		China, CNR/VO Pujiang	Amoy/Wu	3280do	4950do	5075do	
1500	1600		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
1500	1600		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1500	1600		China, Nei Menggu PBS	Chinese	7420do	9520do		
1500	1600		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1500	1600		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1500	1600		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	7255do	7385do
1500	1600		China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do		
1500	1600		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do
1500	1600		China, Xinjiang PBS	Kazakh	4330do	6015do		
1500	1600		China, Xinjiang PBS	Mongolian	4500do	6190do		
1500	1600		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do
1500	1600		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1500	1600		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1500	1600		Clandestine, North Korea Reform R	Korean	7590as			
1500	1600		Clandestine, Open R for North Korea	Korean	11570as			
1500	1600		Clandestine, R Naatham	Tamil	12225as			
1500	1600		Clandestine, Sound of Hope R Intl	Chinese	7550as	9450as	11970as	12980as
					13130as	13350as	13850as	14950as
					16100as			
1500	1600	Sun	Clandestine, Sudan R Service	Arabic (Juba)	17745af			
1500	1600	mtwhf	Clandestine, Sudan R Service	Arabic (Juba)	17745af			
1500	1600	Sat	Clandestine, Sudan R Service	English	17745af			
1500	1600		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1500	1600		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1500	1600		Colombia, La Voz del Guaviare	Spanish	6035do			
1500	1600		Colombia, R Alcaravan	Spanish	5910do			
1500	1600		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1500	1600		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1500	1600		Croatia, Voice of Croatia	Croatian/various	7410eu			
1500	1600	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	15340na	17590sa
					17750sa			
1500	1600		Cuba, R Rebelde	Spanish	5025na			
1500	1600		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1500	1600		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1500	1600		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1500	1600		Ecuador, HCJB/LV de los Andes	German	3995eu			
1500	1600		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1500	1600		Egypt, R Cairo	Albanian	13580eu			
1500	1600		Egypt, R Cairo	Arabic	15080af			
1500	1600		Egypt, R Cairo	Pashto	15065as			
1500	1600		Egypt, R Cairo	Uzbek	15160as			
1500	1600		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1500	1600		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1500	1600		Eq Guinea, Pan Am BC/R Africa	English	15190af			
1500	1600		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
1500	1600		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			5060do	6170do
					7120do	9710do		
1500	1600		Ethiopia, Amhara State Reg R	Amharic	6090do			
1500	1600		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1500	1600		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1500	1600		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1500	1600	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	11690eu		
1500	1600	DRM	France, R France International	French	3965af			
1500	1600		France, R France International	Vietnamese	9565as			
1500	1600		Gabon, Africa No. 1	French	9580af			
1500	1600	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1500	1600		Germany, R 700	German	3995eu	6005eu		
1500	1600		Greece, R Stathmos Makedonias	Greek	9935eu			
1500	1600		Greece, Voice of Greece	Greek	9420va	15650va		
1500	1600		Guam, KTWR/TWR Asia	Chinese	12105as			
1500	1600		Guatemala, R Verdad	English/Spanish	4055do			
1500	1600		Guinea, RTV Guinee	French/vernacular	7125do			
1500	1600		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			

1500	1600	Honduras, R Luz y Vida	Spanish	3250do			
1500	1600	India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1500	1600	India, All India R/Aligarh	English/Hindi	9470do			
1500	1600	India, All India R/Bengaluru	English/Hindi/vernaculars		9425do	9870do	
1500	1600	India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
1500	1600	India, All India R/Chennai	English/Hindi/Tamil	4920do			
1500	1600	India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1500	1600	India, All India R/Delhi	Hindi	9575do	9835do		
1500	1600	India, All India R/Delhi	Urdu	4860do	6085do		
1500	1600	India, All India R/External Svc	Baluchi	6165as	7340as		
1500	1600	India, All India R/External Svc	Urdu	3945as	6045as		
1500	1600	India, All India R/Gorakhpur	Urdu	3945do	4860do	6045do	
1500	1600	India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	4800do			
1500	1600	India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	4775do			
1500	1600	India, All India R/Itanagar	English/Hindi/Buddist minority	4990do			
1500	1600	India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do			
1500	1600	India, All India R/Jepore	English/Hindi/Odia/Sanskrit	5040do			
1500	1600	India, All India R/Kolkata	Bengali/English/Hindi/Santhoni	4820do			
1500	1600	India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan	4895do			
1500	1600	India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1500	1600	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi	4840do			
1500	1600	India, All India R/Port Blair	English/Hindi/vernaculars	4760do			
1500	1600	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	4760do		4950do	
1500	1600	India, All India R/Shillong	English/Hindi/Mizo/Meghalaya	4970do			
1500	1600	India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	4965do			
1500	1600	India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5010do			
1500	1600	Indonesia, RRI Kendari	Indonesian	3995do			
1500	1600	Indonesia, RRI Makassar	Indonesian	4750do			
1500	1600	Indonesia, RRI Palangkaraya	Indonesian	3325do			
1500	1600	Indonesia, RRI Pontianak	Indonesian	3976do			
1500	1600	Iran, VO Islamic Rep of Iran	Arabic	11815as	11995as		
1500	1600	Iran, VO Islamic Rep of Iran	Azeri	9655as			
1500	1600	Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		9490as		
1500	1600	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1500	1600	Italy, IRRS SW	English	15700va			
1500	1600	Japan, R Japan NHK World	Japanese	9750as	11815as	12045va	17670as
				17735va	17765va		
1500	1600	Kuwait, R Kuwait/General Svc	Arabic	6080me	9750af	11630af	
1500	1600	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1500	1600	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1500	1600	Laos, LNR Natl Svc/Vientane	Lao	6130do			
1500	1600	Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al		
1500	1600	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1500	1600	Malaysia, RTM Kajang/Traxx FM	English	7295do			
1500	1600	Malaysia, RTM Kajang/Wai FM	Malay	11665do			
1500	1600	Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1500	1600	Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1500	1600	Mexico, R Mil Onda Corta	Spanish	6010do			
1500	1600	Mexico, R Transcontinental de America	Spanish	4800do			
1500	1600	Mexico, R Universidad	Spanish	6045do			
1500	1600	Morocco, R Marocaine	Arabic	15349af			
1500	1600	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1500	1600	Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5985do			
1500	1600	Nepal, R Nepal	Nepali	5005do			
1500	1600	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1500	1600	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1500	1600	Nigeria, Voice of Nigeria	English	15120af			
1500	1600	Oman, R Sultanate of Oman	Arabic	15140va			
1500	1600	Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1500	1600	Papua New Guinea, R Madang	Tok Pisin	3260do			
1500	1600	Papua New Guinea, R Manus	Tok Pisin	3315do			
1500	1600	Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
1500	1600	Papua New Guinea, R New Ireland	Tok Pisin	3905do			
1500	1600	Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do		
1500	1600	Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1500	1600	Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
1500	1600	Papua New Guinea, R Western	Tok Pisin/English	3305do			
1500	1600	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
1500	1600	Peru, La Voz de las Huarinjas	Spanish	5059do			
1500	1600	Peru, Ondas del Huallaga	Spanish	3330do			
1500	1600	Peru, R Bethel	Spanish	5921do			
1500	1600	Peru, R Cusco	Spanish	4780do			
1500	1600	Peru, R del Pacifico	Spanish	4975do	9675do		
1500	1600	Peru, R Horizonte	Spanish	5020do			
1500	1600	Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
1500	1600	Peru, R Madre de Dios	Spanish	4950do			
1500	1600	Peru, R Manantial	Spanish/Quechua	4987do			
1500	1600	Peru, R Maranon	Spanish	4835do			
1500	1600	Peru, R Ondas del Sur Oriente	Spanish	5120do			
1500	1600	Peru, R Quillabamba	Spanish/Quechua	5025do			

1500	1600		Peru, R Santa Rosa	Spanish	6047do				
1500	1600		Peru, R Sicuani	Spanish/Quechua	4826do				
1500	1600		Peru, R Tarma	Spanish	4775do				
1500	1600		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1500	1600		Peru, R Union	Spanish	6115do				
1500	1600		Peru, R Victoria	Spanish	6020do	9720do			
1500	1600		Peru, R Vision	Spanish	4790do				
1500	1600		Philippines, FEBC Philippines	Chinese	9345as	9430as			
1500	1600	mtwhfa	Philippines, FEBC Philippines	Russian	11650as				
1500	1600		Russia, R Rossii	Russian	9480eu				
1500	1600	DRM	Russia, Voice of Russia	English	6070as	7370as			
1500	1600		Russia, Voice of Russia	English	4975va	9560as	11840as	15640me	
1500	1600		Russia, Voice of Russia	German	12010eu				
1500	1600	DRM	Russia, Voice of Russia	German	6155eu	12095eu			
1500	1600	DRM	Russia, Voice of Russia	Hindi	9445as				
1500	1600		Russia, Voice of Russia	Hindi	9670as				
1500	1600		Russia, Voice of Russia	Kurdish	5925me				
1500	1600		Russia, Voice of Russia	Persian	9345me	12015me			
1500	1600		Russia, Voice of Russia	Russian	7285eu	9615eu	9900me	12015as	
1500	1600	DRM	Russia, Voice of Russia	Serbo-Croatian	6155eu	12095eu			
1500	1600		Russia, Voice of Russia	Serbo-Croatian	12030eu				
1500	1600		Russia, Voice of Russia	Turkish	7325me	11985me			
1500	1600		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
1500	1600		Saudi Arabia, BSKSA/Call of Islam	Arabic	15255af	15435eu			
1500	1600		Saudi Arabia, BSKSA/External Svc	French	17660af				
1500	1600		Saudi Arabia, BSKSA/External Svc	Persian	7240as				
1500	1600		Saudi Arabia, BSKSA/External Svc	Tajik/Turkmen/Uyghur/Uzbek		9885as			
1500	1600		Saudi Arabia, BSKSA/First General Pgm	Arabic	15225af				
1500	1600		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
1500	1600		South Africa, Channel Africa	English	9625af				
1500	1600		South Africa, R Sonder Grense	Afrikaans	9650do				
1500	1600		South Korea, KBS World R	Vietnamese	9640as				
1500	1600		South Korea, 1st Global Korean Netwk	Korean	6015as				
1500	1600		Spain, R Exterior de Espana	Spanish	15585eu	21610me			
1500	1600	mtwhf	Spain, R Exterior de Espana	Spanish	15385af	17715sa			
1500	1600	Sat	Spain, R Exterior de Espana	Spanish	9765ca				
1500	1600	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa	17850na		
1500	1600	Sat/Sun	Spain, R Exterior de Espana	Spanish	17755af				
1500	1600		Sudan, Sudan R	Arabic	7200do				
1500	1600	Sat/Sun	Taiwan, R Taiwan Intl	Cantonese	7380as				
1500	1600		Taiwan, R Taiwan Intl	Chinese	6075as	6145as	7365as	7380as	
					7385as	9680as	11665as		
1500	1600		Taiwan, R Taiwan Intl	Thai	7555as	11635as			
1500	1600		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1500	1600		Tajikistan, VO Tajik	Tajik	7245as				
1500	1600		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1500	1600		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
1500	1600		Uganda, Dunamis Shortwave	English	4750do				
1500	1600		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1500	1600		UK, BBC World Service	English	5845as	5875as	6190af	6195as	
					7435af	9410as	9740as	11890as	
					12095af	13820me	15310as	15400af	
					17640af	17830af	21470af		
1500	1600		UK, BBC World Service	Farsi	12085as	15790as			
1500	1600	Sat	UK, BBC World Service	Hausa	17780af				
1500	1600		UK, BBC World Service	Pashto	6195eu	9810as	13660as		
1500	1600		UK, BBC World Service	Urdu	9510as	12075as	15470as		
1500	1600		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1500	1600		USA, BBG/R Farda	Farsi	11520as	12005as	15555as		
1500	1600		USA, BBG/R Free Asia	Korean	5820as	7210as	7455as		
1500	1600		USA, BBG/R Free Asia	Mandarin	9455as	9905as	11540as	11965as	
					13640as	13675as	15430as		
1500	1600		USA, BBG/R Free Asia	Tibetan	9370as	11585as	11795as	11835as	
1500	1600		USA, BBG/R Free Europe/R Liberty	Avari/Chechen/Chercassian		15480as			
1500	1600		USA, BBG/R Free Europe/R Liberty	Azeri	9400eu	15665eu			
1500	1600		USA, BBG/R Free Europe/R Liberty	Belarusian	6105eu	7270eu			
1500	1600		USA, BBG/R Free Europe/R Liberty	Russian	7355eu	9520eu	15460eu		
1500	1600		USA, BBG/R Free Europe/R Liberty	Tajik	9790as	11975as			
1500	1600		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	9730as	15445as			
1500	1600		USA, BBG/R Free Europe/R Liberty	Turkmen	12025as	15240as			
1500	1600		USA, BBG/R Marti	Spanish	11845ca	11930ca	13820ca		
1500	1600		USA, BBG/VOA Deewa R	Pashto	5835as	7455as	7495as	9370as	
1500	1600		USA, BBG/Voice of America	English	4930af	6080af	6140as	7465as	
					7520as	9485as	9760as	12150as	
					13570me	15265af	15530me	15580af	
					17895af				
1500	1600		USA, FBN/WTJC Newport NC	English	9370na				
1500	1600		USA, KNLS Anchor Point AK	English	9655as				
1500	1600		USA, Overcomer Ministry	English	13810me				

1500	1600		USA, WBCQ Monticello ME	English	9330am				
1500	1600	Sat/Sun	USA, WBCQ Monticello ME	English	15420am				
1500	1600		USA, WEWN/EWTN Irondale AL	English	15610eu				
1500	1600		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050sa			
1500	1600	Sat/Sun	USA, WHRI Cypress Creek SC	English	9795am	9840am			
1500	1600	Sun	USA, WHRI Cypress Creek SC	English	21630af				
1500	1600		USA, WINB Red Lion PA	English	13570am				
1500	1600		USA, WJHR Intl Milton FL	English	15550usb				
1500	1600	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1500	1600		USA, WTTW Lebanon TN	Arabic	12105va				
1500	1600		USA, WTTW Lebanon TN	English	9479va				
1500	1600		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu	
1500	1600		USA, WWRB Manchester TN	English	9385na				
1500	1600		USA, WYFR/Family R Worldwide	English	6280as	13690as	15520as		
1500	1600		USA, WYFR/Family R Worldwide	English/Japanese	6240as	9280as			
1500	1600		USA, WYFR/Family R Worldwide	Gujarati	15495as				
1500	1600		USA, WYFR/Family R Worldwide	Kannada	17800as				
1500	1600		USA, WYFR/Family R Worldwide	Mandarin	6240as	9280as			
1500	1600		USA, WYFR/Family R Worldwide	Marathi	17650as				
1500	1600		USA, WYFR/Family R Worldwide	Pashto	12130as				
1500	1600		USA, WYFR/Family R Worldwide	Punjabi	11505as				
1500	1600		USA, WYFR/Family R Worldwide	Sindhi	13790as				
1500	1600		USA, WYFR/Family R Worldwide	Tamil	13790as				
1500	1600		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
1500	1600		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
1500	1600		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
1500	1600		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
1500	1600		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
1500	1600		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
1500	1600		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
1500	1600		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
1500	1600		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7220me	9550me			
1500	1600		Yemen, Rep of Yemen R	Arabic	9780me				
1500	1600		Zambia, Christian Voice	English	6065af				
1500	1600		Zambia, CVC Intl/1 Africa	English	13590af				
1500	1600		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1500	1600		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1510	1530		Clandestine, R Sedayee Kashmir	Dogri	4870as				
1510	1530		Vatican City State, Vatican R	Malayalam	11850as	13765as	17520as		
1510	1555		Swaziland, TWR Africa	Lomwe	7315af				
1515	1530	Sat	Australia, HCJB Global Australia	English	15340as				
1515	1530	f	Canada, Bible Voice Broadcasting	English	15275as				
1515	1530	f	Canada, Bible Voice Broadcasting	Punjabi	15275as				
1515	1530	f	India, Athmeeya Yatra R	Bengali	15390as				
1515	1530	wh	India, Athmeeya Yatra R	Mundari	15390as				
1515	1530	mt	India, Athmeeya Yatra R	Tamang	15390as				
1515	1530	Sat/Sun	India, Athmeeya Yatra R	Tharu	15390as				
1515	1530	wh	India, TWR India	Dhodia	12055as				
1515	1530	mt	India, TWR India	Mouchi	12055as				
1515	1600		India, All India R/External Svc	Gujarati	11620af	13645af	15175af		
1515	1600		India, All India R/External Svc	Swahili	9950af	13605af	17670af		
1515	1600		India, All India R/Guwahati	Assamese	7420do				
1515	1600	mtwhf	India, TWR India	Punjabi	11725as				
1515	1600		Japan, R Japan NHK World	Urdu	13870as				
1520	1540		USA, BBG/R Free Europe/R Liberty	Chechen	11810eu	13615eu			
1525	1555	Sat/Sun	Swaziland, TWR Africa	English	4760af				
1525	1555	mtwhf	Swaziland, TWR Africa	Ndebele	4760af				
1529	1559	Sat	Germany, TWR Europe	Romanian	9540eu				
1530	1545		Armenia, Public R of Armenia	Assyrian	4810me				
1530	1545	Sun	Canada, Bible Voice Broadcasting	Persian	13630as				
1530	1545		India, All India R/Aizawl	English	5050do				
1530	1545		India, All India R/Bengaluru	English	9425do				
1530	1545		India, All India R/Bhopal	English	4810do				
1530	1545		India, All India R/Chennai	English	4920do				
1530	1545		India, All India R/Delhi	English	5015do				
1530	1545		India, All India R/Guwahati	English	4940do				
1530	1545		India, All India R/Hyderabad	English	4800do				
1530	1545		India, All India R/Itanagar	English	4990do				
1530	1545		India, All India R/Jaipur	English	4910do				
1530	1545		India, All India R/Kolkata	English	4820do				
1530	1545		India, All India R/Kurseong	English	4895do				
1530	1545		India, All India R/Lucknow	English	4880do				
1530	1545		India, All India R/Panaji (Goa)	English	9820do				
1530	1545		India, All India R/Port Blair	English	4760do				
1530	1545		India, All India R/R Kashmir	English	4950do				
1530	1545		India, All India R/Shillong	English	4970do				
1530	1545		India, All India R/Shimla	English	4965do				
1530	1545		India, All India R/Thiruvananthapuram	English	5010do				
1530	1545	mt	India, Athmeeya Yatra R	Chhattisgari	15215as				
1530	1545	Sat	India, Athmeeya Yatra R	Kulluvi	15215as				

1530	1545	whf	India, Athmeeya Yatra R	Maithili	15215as			
1530	1545	Sun	India, Athmeeya Yatra R	Sindhi	15215as			
1530	1555		Turkey, Voice of Turkey	Pashto	11765as			
1530	1555		Turkey, Voice of Turkey	Persian	11765as			
1530	1556		Romania, R Romania Intl	Serbian	6025eu			
1530	1600		Afghanistan, RTV Afghanistan	English	7200as			
1530	1600		Australia, ABC/R Australia	English	11880pa			
1530	1600	DRM	Belgium, The Disco Palace	English	15775as			
1530	1600	h	Canada, Bible Voice Broadcasting	English	15275as			
1530	1600		Canada, Bible Voice Broadcasting	Persian	13590as			
1530	1600	wh	Canada, Bible Voice Broadcasting	Urdu	15275as			
1530	1600		China, China R International	Pashto	9570as			
1530	1600		Clandestine, Furusato no Kaze/Ilbon-E-Baram	Korean	9965as			
1530	1600		Clandestine, R Dabanga	Sudanese Arabic	15150af	15725af		
1530	1600	Sun	Clandestine, Sudan R Service	English	17745af			
1530	1600	tha	Clandestine, VO Democratic Alliance	Afar	7235af	9560af		
1530	1600	mwf	Clandestine, VO Democratic Alliance	Kunama	7235af	9560af		
1530	1600	Sun	Clandestine, VO Democratic Alliance	Tigrinya	7235af	9560af		
1530	1600	Sun	Ecuador, HCJB/LV de los Andes	Russian	6180eu			
1530	1600		Egypt, R Cairo	Swahili	17810af			
1530	1600		Ethiopia, R Oromiya	Oromo	6030do			
1530	1600	smtwa	Germany, AWR Europe	English	15255as			
1530	1600		Germany, AWR Europe	Hindi	15290as			
1530	1600	hf	Germany, AWR Europe	Tibetan	15255as			
1530	1600	mtwas	Indonesia, AWR Asia/Pacific	English	15255as			
1530	1600		Indonesia, AWR Asia/Pacific	Hindi	15290as	15605as		
1530	1600		Indonesia, AWR Asia/Pacific	Kannada	11780as			
1530	1600		Indonesia, AWR Asia/Pacific	Malayalam	11870as			
1530	1600		Indonesia, AWR Asia/Pacific	Marathi	7410as			
1530	1600	hf	Indonesia, AWR Asia/Pacific	Tibetan	15255as			
1530	1600		Iran, VO Islamic Rep of Iran	English	11945va	13780va	13720al	
1530	1600		Iran, VO Islamic Rep of Iran	Kazakh	9940as	11700as		
1530	1600		Iran, VO Islamic Rep of Iran	Urdu	6060as			
1530	1600		Mongolia, Voice of Mongolia	English	12015as			
1530	1600		Philippines, FEBC Philippines	Banjar	11880as			
1530	1600	Sun	Philippines, FEBC Philippines	Ukranian	11650as			
1530	1600		Poland, Polish Radio/External Svc	Polish	11640eu			
1530	1600		Serbia, International R Serbia	French	9635eu			
1530	1600		Taiwan, R Taiwan Intl	Hakka	11605as			
1530	1600		Turkey, Voice of Turkey	Azeri	9530as			
1530	1600		UK, FEBA Radio	Pashto	11755as			
1530	1600		USA, BBG/R Farda	Farsi	9390as			
1530	1600		USA, BBG/VOA/R Ashna	Dari	9335as	15090as	15380as	
1530	1600		Vatican City State, Vatican R	Arabic	11935me	15595me		
1530	1600		Vatican City State, Vatican R	English	11850as	13765as	17520as	17815as
1530	1600		Vatican City State, Vatican R	Italian	6075eu	7250eu	9645eu	
1530	1600		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
1540	1600		USA, BBG/R Free Europe/R Liberty	Circassian	11810eu	13615eu		
1545	1600		Armenia, Public R of Armenia	Kurdish	4810me			
1545	1600	whf	India, All India R/Delhi	Urdu	6085do	9835do		
1545	1600	mt	India, Athmeeya Yatra R	Bagheli	15215as			
1545	1600	Sat/Sun	India, Athmeeya Yatra R	Bundelkhandi	15215as			
1545	1600	Sun	India, Athmeeya Yatra R	Dari	15215as			
1545	1600		Swaziland, TWR Africa	Shangaan	3200af			
1545	1600		UK, BBC World Service	Tamil	7600as	9500as	15390as	15690as
1545	1600		Vatican City State, Vatican R	Armenian	9585eu	11715eu		
1550	1600		India, All India R/Delhi	Hindi	7370do			
1551	1600		New Zealand, R New Zealand Intl	English	7440pa			
1551	1600	DRM	New Zealand, R New Zealand Intl	English	6170pa			
1555	1600	mtwhf	Swaziland, TWR Africa	Kirundi	15105af			
1555	1600		Swaziland, TWR Africa	Shona	4760af			

1600 UTC - 12PM EDT / 11AM CDT / 9AM PDT

1600	1605		China, China Natl R/CNR11	Tibetan	6010do	7350do	9480do	
1600	1605		China, CNR/VO Minorities/CNR11	Tibetan	6010do	7350do	9480do	
1600	1605		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
1600	1610		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1600	1615		Armenia, Public R of Armenia	Kurdish	4810me			
1600	1615		Clandestine, Sudan R Service	Arabic (Darfuri)	15550af			
1600	1615		Germany, R Dardasha 7	Persian	15420as			
1600	1615		India, All India R/External Svc	Swahili	9950af	13605af	17670af	
1600	1615	mt	India, Athmeeya Yatra R	Awadhi	15215as			
1600	1615	Sat	India, Athmeeya Yatra R	Kumaoni	15215as			
1600	1615	Sun	India, Athmeeya Yatra R	Pashto	15215as			
1600	1615	wh	India, Athmeeya Yatra R	Sadri	15215as			
1600	1615	Sat/Sun	India, TWR India	Pashto	11955as			
1600	1615	mtwhf	India, TWR India	Punjabi	11725as			
1600	1615	Sun	Swaziland, TWR Africa	Shangaan	3200af			

1600	1615		UK, BBC World Service	Tamil	7600as	9500as	15390as		
1600	1615		Vatican City State, Vatican R	French	3975eu	6075eu	7250eu	9645eu	
					15595eu				
1600	1615		Vatican City State, Vatican R	Swahili	13765af	15570af			
1600	1625		Swaziland, TWR Africa	Shona	4760af				
1600	1625		Turkey, Voice of Turkey	Azeri	9530as				
1600	1625		Turkey, Voice of Turkey	Uzbek	11765as				
1600	1626		Romania, R Romania Intl	Italian	7445eu				
1600	1627		Iran, VO Islamic Rep of Iran	English	11945va	13780va	13720al		
1600	1627		Iran, VO Islamic Rep of Iran	Kazakh	9940as	11700as			
1600	1627		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		9490as			
1600	1630		Afghanistan, RTV Afghanistan	Urdu	7200as				
1600	1630		Australia, ABC/R Australia	English	9540as				
1600	1630		Austria, AWR Europe	Urdu	15260as				
1600	1630	DRM	Belgium, The Disco Palace	English	15775as				
1600	1630	smhf	Canada, Bible Voice Broadcasting	Oromo	17515af				
1600	1630		Clandestine, Furusato no Kaze/Ilbon-E-Baram		Japanese	9780as			
1600	1630	ta	Clandestine, OGM R Horiyo Ogadeniya	Somali	15170af				
1600	1630		Clandestine, R Dabanga	Sudanese Arabic	15150af	15725af			
1600	1630		Clandestine, R VO the People	English/Ndebele/Shona		9445af			
1600	1630	mf	Clandestine, R Xoriyo Ogadenia	Somali	17870af				
1600	1630	ta	Clandestine, R Xoriyo Ogadenia	Somali	15170af				
1600	1630		Clandestine, Sound of Hope R Intl	Chinese	7550as				
1600	1630	Sat	Clandestine, Sudan R Service	Arabic (Juba)	17745af				
1600	1630	h	Clandestine, Sudan R Service	Bari	17745af				
1600	1630	m	Clandestine, Sudan R Service	Dinka	17745af				
1600	1630	Sun	Clandestine, Sudan R Service	Moru	17745af				
1600	1630	w	Clandestine, Sudan R Service	Nuer	17745af				
1600	1630	f	Clandestine, Sudan R Service	Shilluk	17745af				
1600	1630	t	Clandestine, Sudan R Service	Zande	17745af				
1600	1630	Sun	Clandestine, VO Oromiyen Liberation Front	Oromo	15170af				
1600	1630	tf	Clandestine, VO Orthodox	Russian	7515as				
1600	1630		Clandestine, VO People	English/Shona/Ndebele		9445af			
1600	1630	Sun	Ecuador, HCJB/LV de los Andes	Chechen	6180eu				
1600	1630		Ecuador, HCJB/LV de los Andes	German (Low)	3995eu				
1600	1630		Germany, AWR Europe	Bulgarian	9830eu				
1600	1630		India, All India R/Itanagar	English/Hindi/Buddist minority		4990do			
1600	1630		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do			
1600	1630	mtwhf	India, TWR India	Pashto	11955as				
1600	1630		Indonesia, AWR Asia/Pacific	Urdu	11835as	15260as			
1600	1630		Japan, R Japan NHK World	Chinese	9720as				
1600	1630		Myanmar, Myanma R/Natl Pgm/Nay Pyi Taw	Burmese/vernaculars	5985do				
1600	1630		Nigeria, Voice of Nigeria	Swahili	9690af				
1600	1630		Poland, Polish Radio/External Svc	Polish	11640eu				
1600	1630		Serbia, International R Serbia	German	9635eu				
1600	1630	mtwhf	Swaziland, TWR Africa	Kirundi	15105af				
1600	1630	Sat	Swaziland, TWR Africa	Ndau	3200af				
1600	1630	mtwhf	Swaziland, TWR Africa	Tshwa	3200af				
1600	1630		UK, BBC World Service	Hindi	7565as	9605as	9675as	13695as	
					15710as				
1600	1630	shfa	UK, FEBA Radio	Amharic	12125af				
1600	1630		UK, FEBA Radio	Ethiopian	11655af				
1600	1630	mtw	UK, FEBA Radio	Guaragena	12125af				
1600	1630		USA, BBG/R Free Asia	Mandarin	5895as	9455as	9905as	11540as	
					11870as	13675as	15430as		
1600	1630	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	9850eu				
1600	1630		USA, BBG/VOA/R Ashna	Dari	9335as	15090as	15380as		
1600	1630		USA, BBG/Voice of America	Albanian	7295eu				
1600	1630		USA, BBG/Voice of America	Burmese	9320as				
1600	1630	Sat	USA, BBG/Voice of America	Kinyarwanda/Kirunda	11645af	15460af	17895af		
1600	1630	Sat/Sun	USA, BBG/Voice of America	Somali	12055af	15620af			
1600	1630		Vietnam, VO Vietnam/Overseas Svc	English	7220me	7280eu	9550me	9730eu	
1600	1650		Greece, R Stathmos Makedonias	Greek	9935eu				
1600	1655		Saudi Arabia, BSKSA/Second General Pgm	Arabic	11855me				
1600	1655		South Africa, Channel Africa	French	15235af				
1600	1656		Romania, R Romania Intl	French	9680eu	11950af			
1600	1656		Romania, R Romania Intl	Romanian	9690va	11665va			
1600	1657		Germany, Deutsche Welle	Amharic	9800af	11805af	15275af		
1600	1657		Iran, VO Islamic Rep of Iran	Azeri	9655as				
1600	1657		North Korea, Voice of Korea	English	9990va	11545va			
1600	1657		North Korea, Voice of Korea	French	9335na	11710na	13760eu	15245eu	
1600	1657		North Korea, Voice of Korea	German	9325eu	12015eu			
1600	1700		Anguilla, University Network	English	11775na				
1600	1700		Australia, ABC NT Alice Springs	English	2310do				
1600	1700		Australia, ABC NT Katherine	English	2485do				
1600	1700		Australia, ABC/R Australia	English	5940as	5995pa	7240pa	9475as	
					11660as	11880pa			
1600	1700		Bahrain, R Bahrain	Arabic	9745me				
1600	1700		Bahrain, R Bahrain	English	6010me				
1600	1700		Bangladesh Betar/Home Svc	English/Bengali	4750as				

1600	1700	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu	7255eu			
1600	1700	Belarus, R Belarus	Polish	11730eu				
1600	1700	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1600	1700	Bolivia, R Eco	Spanish	4409do				
1600	1700	Bolivia, R Fides	Spanish/Aymara	6155do				
1600	1700	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1600	1700	Bolivia, R Lipez	Spanish/Aymara	4796do				
1600	1700	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
1600	1700	Bolivia, R San Jose	Spanish	5580do				
1600	1700	Bolivia, R San Miguel	Spanish	4699do				
1600	1700	Bolivia, R Santa Ana	Spanish	4451do				
1600	1700	Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
1600	1700	Bolivia, R Tacana	Spanish	4782do				
1600	1700	Brazil, Educadora/Braganca	Portuguese	4825do				
1600	1700	Brazil, R Alvorada/Londrina	Portuguese	4865do				
1600	1700	Brazil, R Anhanguera	Portuguese	4905do				
1600	1700	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
1600	1700	Brazil, R Bandeirantes	Portuguese	6090do	9645do			
1600	1700	Brazil, R Boa Vontade	Portuguese	6160do	9550do			
1600	1700	Brazil, R Brasil Central	Portuguese	4985do	11815do			
1600	1700	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do		
1600	1700	Brazil, R Capital	Portuguese	6070do				
1600	1700	Brazil, R Capixaba	Portuguese	4935do				
1600	1700	Brazil, R Clube do Para	Portuguese	4885do				
1600	1700	Brazil, R Congonhas	Portuguese	4775do				
1600	1700	Brazil, R Cultura do Para	Portuguese	5045do				
1600	1700	Brazil, R Cultura Filadelfia	Portuguese	6105do				
1600	1700	Brazil, R Cultura/Araraquara	Portuguese	3365do				
1600	1700	Brazil, R Cultura/Manaus	Portuguese	4845do				
1600	1700	Brazil, R Daqui	Portuguese	4915do	6080do	11830do		
1600	1700	Brazil, R Difusora Acreana	Portuguese	4885do				
1600	1700	Brazil, R Difusora do Amazonas	Portuguese	4805do				
1600	1700	Brazil, R Difusora Roraima	Portuguese	4875do				
1600	1700	Brazil, R Difusora/Londrina	Portuguese	4815do				
1600	1700	Brazil, R Difusora/Macapa	Portuguese	4915do				
1600	1700	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1600	1700	Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
1600	1700	Brazil, R Educadora/Limeira	Portuguese	2380do				
1600	1700	Brazil, R Gaucha	Portuguese	6020do	11915do			
1600	1700	Brazil, R Gazeta	Portuguese	5955do	9685do			
1600	1700	Brazil, R Guaiba	Portuguese	6000do	11785do			
1600	1700	Brazil, R Guaruja Paulista	Portuguese	5045do				
1600	1700	Brazil, R Imaculada Conceicao	Portuguese	4755do				
1600	1700	Brazil, R Inconfidencia	Portuguese	6010do	15190do			
1600	1700	Brazil, R Itatiaia	Portuguese	5970do				
1600	1700	Brazil, R Maria	Portuguese	4885do				
1600	1700	Brazil, R Marumby	Portuguese	6080do	9515do			
1600	1700	Brazil, R Meteorologia Paulista	Portuguese	4845do				
1600	1700	Brazil, R Mundial	Portuguese	3325do				
1600	1700	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
1600	1700	Brazil, R Nove de Julho	Portuguese	9820do				
1600	1700	Brazil, R Novo Tempo	Portuguese	4895do				
1600	1700	Brazil, R Record	Portuguese	6150do	9505do			
1600	1700	Brazil, R Rio Mar	Portuguese	6160do	9695do			
1600	1700	Brazil, R Trans Mundial	Portuguese	9530do	11735do			
1600	1700	Brazil, R Verdes Florestas	Portuguese	4865do				
1600	1700	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1600	1700	Brazil, Super R Alvorada	Portuguese	2460do				
1600	1700	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
1600	1700	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1600	1700	Canada, Bible Voice Broadcasting	Persian	13590as				
1600	1700	Sat Canada, CBC Northern Quebec Svc	English	9625na				
1600	1700	Canada, CFRX Toronto ON	English	6070na				
1600	1700	Canada, CFVP Calgary AB	English	6030na				
1600	1700	Canada, CKZN St Johns NF	English	6160na				
1600	1700	Canada, CKZU Vancouver BC	English	6160na				
1600	1700	Central African Rep, R Centrafrique	French/Sango	5035do				
1600	1700	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
1600	1700	Chile, CVC La Voz	Spanish	9635sa	17680sa			
1600	1700	China, China Natl R/CNR13	Uyghur	9420do	9890do			
1600	1700	China, China R International	Arabic	9555af	11725af	12065me	13790va	
1600	1700	China, China R International	English	6060as	7235as	7420af	9570af	
				11900af	11940eu	11965eu	13760eu	
1600	1700	China, China R International	French	11690eu				
1600	1700	China, China R International	German	5970eu	7380eu			
1600	1700	China, China R International	Hakka	9770af	11880af			
1600	1700	China, China R International	Hindi	5915as	7395as			
1600	1700	China, China R International	Russian	5905as	11875va	13580va	13860eu	
1600	1700	China, China R International	Swahili	5985af	7245af			
1600	1700	China, China R International	Turkish	6165me	7325me			

1600	1700		China, China R International	Vietnamese	7315as	9550as		
1600	1700		China, CNR/VO Minorities/CNR13	Uyghur	9420do	9890do		
1600	1700		China, CNR/VO Minorities/CNR8	Kazakh	6145do	7445do	9630do	9645do
1600	1700		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1600	1700		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1600	1700		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	7255do	7385do
1600	1700		China, Xinjiang PBS	Chinese	3950do	4850do	5960do	7310do
1600	1700		China, Xinjiang PBS	Kazakh	4330do	6015do		
1600	1700		China, Xinjiang PBS	Mongolian	4500do	6190do		
1600	1700		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do
1600	1700		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1600	1700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1600	1700		Clandestine, North Korea Reform R	Korean	7590as			
1600	1700		Clandestine, R Oeoemrang	German	15215va			
1600	1700		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13130as	13350as
					13850as	14700as	15900as	15940as
					16100as			
1600	1700	asmtwh	Clandestine, Sudan R Service/Darfur Pgm	Arabic	15500af			
1600	1700		Clandestine, VO Martyrs	Korean	7515as			
1600	1700		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1600	1700		Clandestine, Zimbabwe Community R	English/Ndebele/Shona		12115af		
1600	1700		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1600	1700		Colombia, La Voz del Guaviare	Spanish	6035do			
1600	1700		Colombia, R Alcaravan	Spanish	5910do			
1600	1700		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1600	1700		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1600	1700		Croatia, Voice of Croatia	Croatian/various	7410eu			
1600	1700	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	15340na	17590sa
					17750sa			
1600	1700		Cuba, R Rebelde	Spanish	5025na			
1600	1700		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1600	1700		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1600	1700		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1600	1700		Egypt, R Cairo	Afar	15450af			
1600	1700		Egypt, R Cairo	English	15345af			
1600	1700		Egypt, R Cairo	Swahili	17810af			
1600	1700		Egypt, R Cairo	Urdu	17585as			
1600	1700		Eqt Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1600	1700		Eqt Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1600	1700		Eqt Guinea, Pan Am BC/R Africa	English	15190af			
1600	1700		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
1600	1700		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen		9710do	5060do	6170do
					7120do			
					6090do			
1600	1700		Ethiopia, Amhara State Reg R	Amharic	6090do			
1600	1700		Ethiopia, R Ethiopia	English	7235va	9560va		
1600	1700		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1600	1700		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1600	1700		Ethiopia, R Oromiya	Oromo	6030do			
1600	1700		Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1600	1700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	11720eu		
1600	1700	DRM	France, R France International	French	3965af			
1600	1700		France, R France International	Hausa	17615af			
1600	1700		Gabon, Africa No. 1	French	9580af			
1600	1700	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1600	1700		Germany, R 700	German	3995eu	6005eu		
1600	1700		Greece, Voice of Greece	Greek	9420va	15650eu		
1600	1700		Guatemala, R Verdad	English/Spanish	4055do			
1600	1700		Guinea, RTV Guinee	French/vernacular	7125do			
1600	1700		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1600	1700		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1600	1700		India, All India R/Aligarh	English/Hindi	9470do			
1600	1700		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do	9870do	
1600	1700		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit		4810do		
1600	1700		India, All India R/Chennai	English/Hindi/Tamil	4920do			
1600	1700		India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1600	1700		India, All India R/Delhi	Hindi	7370do	9575do	9835do	
1600	1700		India, All India R/Delhi	Urdu	4860do	6085do		
1600	1700		India, All India R/External Svc	Bengali	7420as			
1600	1700		India, All India R/External Svc	Urdu	3945as	6045as		
1600	1700		India, All India R/Gorakhpur	Urdu	3945do	4860do	6045do	
1600	1700		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit		4800do		
1600	1700		India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars		4775do		
1600	1700		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi		4910do		
1600	1700		India, All India R/Jeyppore	English/Hindi/Odia/Sanskrit		5040do		
1600	1700		India, All India R/Kolkata	Bengali/English/Hindi/Santhoni		4820do		
1600	1700		India, All India R/Kurseong	Bengali/Hindi/Nepali/Tibetan		4895do		
1600	1700		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			

1600	1700	India, All India R/Mumbai	English/Hindi/Marathi/Sindhi	4840do			
1600	1700	India, All India R/Port Blair	English/Hindi/vernaculars	4760do			
1600	1700	India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars	4760do	4950do		
1600	1700	India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	4965do			
1600	1700	India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil	5010do			
1600	1700	Indonesia, RRI Pontianak	Indonesian	3976do			
1600	1700	Indonesia, VO Indonesia	Arabic	9526va			
1600	1700	Iran, VO Islamic Rep of Iran	Arabic	11815as	11995as		
1600	1700	Iran, VO Islamic Rep of Iran	Swahili	6110af	7435af		
1600	1700	Iran, VO Islamic Rep of Iran	Turkish	7210eu	9870eu		
1600	1700	Iran, VO Islamic Rep of Iran	Urdu	6060as			
1600	1700	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1600	1700	Japan, R Japan NHK World	Japanese	9750as	11815as	12045va	13710va
				17735va	17765va		
1600	1700	Kuwait, R Kuwait/General Svc	Arabic	6080me			
1600	1700	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1600	1700	Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al		
1600	1700	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1600	1700	Malaysia, RTM Kajang/Traxx FM	English	7295do			
1600	1700	Malaysia, RTM Kajang/Wai FM	Malay	11665do			
1600	1700	Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1600	1700	Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1600	1700	Mexico, R Mil Onda Corta	Spanish	6010do			
1600	1700	Mexico, R Transcontinental de America	Spanish	4800do			
1600	1700	Mexico, R Universidad	Spanish	6045do			
1600	1700	Morocco, R Marocaine	Arabic	15349af			
1600	1700	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1600	1700	Nepal, R Nepal	Nepali	5005do			
1600	1700	DRM New Zealand, R New Zealand Intl	English	6170pa			
1600	1700	DRM New Zealand, R New Zealand Intl	English	7440pa			
1600	1700	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1600	1700	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1600	1700	Oman, R Sultanate of Oman	Arabic	15140va			
1600	1700	Palau, T8WH/World Harvest R	English	15530as			
1600	1700	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
1600	1700	Peru, La Voz de las Huarinjas	Spanish	5059do			
1600	1700	Peru, Ondas del Huallaga	Spanish	3330do			
1600	1700	Peru, R Bethel	Spanish	5921do			
1600	1700	Peru, R Cusco	Spanish	4780do			
1600	1700	Peru, R del Pacifico	Spanish	4975do	9675do		
1600	1700	Peru, R Horizonte	Spanish	5020do			
1600	1700	Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
1600	1700	Peru, R Madre de Dios	Spanish	4950do			
1600	1700	Peru, R Manantial	Spanish/Quechua	4987do			
1600	1700	Peru, R Maranon	Spanish	4835do			
1600	1700	Peru, R Ondas del Sur Oriente	Spanish	5120do			
1600	1700	Peru, R Quillabamba	Spanish/Quechua	5025do			
1600	1700	Peru, R Santa Rosa	Spanish	6047do			
1600	1700	Peru, R Sicuani	Spanish/Quechua	4826do			
1600	1700	Peru, R Tarma	Spanish	4775do			
1600	1700	Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
1600	1700	Peru, R Union	Spanish	6115do			
1600	1700	Peru, R Victoria	Spanish	6020do	9720do		
1600	1700	Peru, R Vision	Spanish	4790do			
1600	1700	Philippines, FEBC Philippines	Chinese	9345as	9430as		
1600	1700	Russia, R Rossii	Russian	9480eu			
1600	1700	DRM Russia, Voice of Russia	Arabic	5925af	7325af	12060af	12110af
1600	1700	DRM Russia, Voice of Russia	English	6070as	7370eu		
1600	1700	DRM Russia, Voice of Russia	English	4975as	7285me	11985me	
1600	1700	DRM Russia, Voice of Russia	French	9745af	9900af	11635af	12000eu
1600	1700	DRM Russia, Voice of Russia	German	6155eu	12095eu		
1600	1700	DRM Russia, Voice of Russia	Persian	9345me	12015me		
1600	1700	DRM Russia, Voice of Russia	Russian	7310eu	9615eu	11730as	12015as
				15640me			
1600	1700	DRM Russia, Voice of Russia	Serbo-Croatian	6155eu	12095eu		
1600	1700	DRM Russia, Voice of Russia	Serbo-Croatian	12030eu			
1600	1700	Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
1600	1700	Saudi Arabia, BSKSA/Call of Islam	Arabic	15255af	15435eu		
1600	1700	Saudi Arabia, BSKSA/External Svc	French	17660af			
1600	1700	Saudi Arabia, BSKSA/External Svc	Persian	7240as			
1600	1700	Saudi Arabia, BSKSA/External Svc	Tajik/Turkmen/Uyghur/Uzbek		9885as		
1600	1700	Saudi Arabia, BSKSA/First General Pgm	Arabic	15225af			
1600	1700	Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	15205eu	17560af	
1600	1700	South Africa, R Sonder Grense	Afrikaans	9650do			
1600	1700	South Korea, KBS World R	English	9515eu	9640as		
1600	1700	South Korea, KBS World R	Korean	7275eu	9740va		
1600	1700	South Korea, 1st Global Korean Netwk	Korean	6015as			
1600	1700	mtwhf Spain, R Exterior de Espana	Spanish	15385af	17715sa		
1600	1700	Spain, R Exterior de Espana	Spanish	15585eu	21610me		
1600	1700	Sat Spain, R Exterior de Espana	Spanish	9765ca	11815sa		

1600	1700	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa			
1600	1700	Sat/Sun	Spain, R Exterior de Espana	Spanish	17755af	17850na			
1600	1700		Sudan, Sudan R	Arabic	7200do				
1600	1700		Syria, R Damascus	Turkish	9330as				
1600	1700		Taiwan, R Taiwan Intl	Chinese	6075as	6145as	7365as	7385as	
					9680as	11665as			
1600	1700		Taiwan, R Taiwan Intl	English	9435as	15485as			
1600	1700		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1600	1700		Tajikistan, VO Tajik	Farsi	7245me				
1600	1700		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1600	1700		Tunisia, RTV/R Tunisia	Arabic	12005me	17735me			
1600	1700		Turkey, Voice of Turkey	Turkish	5960eu	9460va			
1600	1700		Uganda, Dunamis Shortwave	English	4750do				
1600	1700		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1600	1700		UK, BBC World Service	English	3255af	5845as	5975as	6190af	
					9410as	11890as	12095af	13820me	
					15400af	17795af	17830af	21470af	
1600	1700		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1600	1700		USA, BBG/R Farda	Farsi	7585as	9390as	11520as	15555as	
1600	1700		USA, BBG/R Free Asia	Korean	5820as	7210as	7455as		
1600	1700		USA, BBG/R Free Asia	Uyghur	9370as	9555as	9975as	11590as	
1600	1700		USA, BBG/R Free Europe/R Liberty	Belarusian	6105eu	7270eu			
1600	1700		USA, BBG/R Free Europe/R Liberty	Russian	7355eu	9520eu	9840eu		
1600	1700		USA, BBG/R Free Europe/R Liberty	Tajik	9790as	11975as			
1600	1700		USA, BBG/R Free Europe/R Liberty	Turkmen	11780as	15410as			
1600	1700		USA, BBG/R Free Europe/R Liberty	Uzbek	7485as	7555as	9760as		
1600	1700		USA, BBG/R Marti	Spanish	11845ca	11930ca	13820ca		
1600	1700		USA, BBG/VOA Deewa R	Pashto	5895as	7455as	7495as	9370as	
					9870as				
1600	1700		USA, BBG/Voice of America	Bengali	7475as	11790as			
1600	1700		USA, BBG/Voice of America	English	4930af	6080af	7465as	12080af	
					13570af	15470af	15580af		
1600	1700		USA, BBG/Voice of America	Georgian	9400eu	13745eu			
1600	1700		USA, BBG/Voice of America	Tibetan	7330as	9565as	17670as		
1600	1700		USA, FBN/WTJC Newport NC	English	9370na				
1600	1700		USA, KNLS Anchor Point AK	Russian	9655as				
1600	1700		USA, Overcomer Ministry	English	15425as				
1600	1700		USA, WBCQ Monticello ME	English	9330am				
1600	1700	Sat/Sun	USA, WBCQ Monticello ME	English	15420am				
1600	1700		USA, WEWN/EWTN Irondale AL	English	15610eu				
1600	1700	Sat/Sun	USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050sa			
1600	1700		USA, WHRI Cypress Creek SC	English	9795am				
1600	1700		USA, WHRI Cypress Creek SC	English	9840na	11630af			
1600	1700		USA, WINB Red Lion PA	English	13570am				
1600	1700		USA, WJHR Intl Milton FL	English	15550usb				
1600	1700	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1600	1700		USA, WTWW Lebanon TN	Arabic	12105va				
1600	1700		USA, WTWW Lebanon TN	English	9479va				
1600	1700		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu	
1600	1700		USA, WWRB Manchester TN	English	9385na				
1600	1700		USA, WYFR/Family R Worldwide	Amharic	15750af				
1600	1700		USA, WYFR/Family R Worldwide	Arabic	13645va				
1600	1700		USA, WYFR/Family R Worldwide	English	11850as				
1600	1700		USA, WYFR/Family R Worldwide	Farsi	13615me				
1600	1700		USA, WYFR/Family R Worldwide	Hindi	6280as				
1600	1700		USA, WYFR/Family R Worldwide	Kiswahili	9590af				
1600	1700		USA, WYFR/Family R Worldwide	Malagasy	6100af				
1600	1700		USA, WYFR/Family R Worldwide	Oromo	15160af				
1600	1700		USA, WYFR/Family R Worldwide	Urdu	11505as				
1600	1700		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
1600	1700		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
1600	1700		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
1600	1700		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
1600	1700		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
1600	1700		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
1600	1700		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
1600	1700		Yemen, Rep of Yemen R	Arabic	9780me				
1600	1700		Zambia, Christian Voice	English	6065af				
1600	1700		Zambia, CVC Intl/1 Africa	English	13590af				
1600	1700		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1600	1700		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do			
1600	1700		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1605	1700		China, Nei Menggu PBS	Chinese	7420do	9520do			
1605	1700		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1610	1640		Vatican City State, Vatican R	Russian	9585eu	11715eu			
1615	1627		Nepal, R Nepal	Hindi	5005do				
1615	1630	f	Clandestine, Sudan R Service	Arabic (Darfuri)	15500af				
1615	1630	mh	Clandestine, Sudan R Service	Fur	15500af				
1615	1630	ws	Clandestine, Sudan R Service	Masalit	15500af				

1615	1630	ta	Clandestine, Sudan R Service	Zaghawa	15500af			
1615	1630	hf	India, Athmeeya Yatra R	Divehi	15215as			
1615	1630	mtwas	India, Athmeeya Yatra R	Hindi	15215as			
1615	1630	Sat	India, TWR India	Dari	11955as			
1615	1630		Vatican City State, Vatican R	English	3975eu	6075eu	7250eu	9645eu
					15595eu			
1615	1630	Sat	Vatican City State, Vatican R	Somali	13765af	15570af		
1615	1630	mtwhfs	Vatican City State, Vatican R	Swahili	13765af	15570af		
1615	1645	Sun	Swaziland, TWR Africa	Ndau	3200af			
1615	1700		India, All India R/External Svc	Hindi	7410me	9950af	12025me	15120af
					17670af			
1615	1700		India, All India R/External Svc	Persian	9620as	11710as		
1615	1700		India, All India R/External Svc	Russian	9595eu	11620eu		
1615	1700	DRM	India, All India R/External Svc	Russian	15140eu			
1615	1700		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1625	1640	Sun	South Africa, TWR Africa	Somali	9660af			
1625	1655	mtwhf	South Africa, TWR Africa	Somali	9660af			
1630	1645		Serbia, International R Serbia	Chinese	9635eu			
1630	1645	mt	Swaziland, TWR Africa	Amharic	9500af			
1630	1645	fa	Swaziland, TWR Africa	Kambaata	9500af			
1630	1645	mh	Swaziland, TWR Africa	Portuguese	3200af			
1630	1645	twfa	Swaziland, TWR Africa	Shangaan	3200af			
1630	1645	mtwhfa	Switzerland, R Freundes-Dienst	German	6005eu			
1630	1645		Vatican City State, Vatican R	Amharic	13765af	15570af		
1630	1650		Vatican City State, Vatican R	Slovenian	3975eu	6075eu	7250eu	
1630	1655		Madagascar, Fiangonana Loterana	Malagasy	3215af			
1630	1656		Romania, R Romania Intl	Aromanian	5980eu			
1630	1657		Iran, VO Islamic Rep of Iran	Bengali	11825as	13730as		
1630	1700		Austria, AWR Europe	Farsi	15150as			
1630	1700	Sat/Sun	Canada, Bible Voice Broadcasting	Amharic	17515af			
1630	1700		Canada, Bible Voice Broadcasting	Nuer	13720af			
1630	1700		China, China R International	Hausa	9620af	9665af		
1630	1700		Clandestine, Sudan R Service	Arabic (Darfuri)	15500af			
1630	1700		Clandestine, Sudan R Service	English	17745af			
1630	1700		Ecuador, HCJB/LV de los Andes	Russian	3995eu			
1630	1700		Germany, AWR Europe	Somali	17575af			
1630	1700		Indonesia, AWR Asia/Pacific	English	11740as			
1630	1700		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
1630	1700		Iran, VO Islamic Rep of Iran	Armenian	7230eu	9505eu		
1630	1700		Iran, VO Islamic Rep of Iran	Pashto	6005as	7340as		
1630	1700		Nigeria, Voice of Nigeria	Yoruba	9690af			
1630	1700		Poland, Polish Radio/External Svc	Belarusian	11630eu			
1630	1700		Sri Lanka, SLBC	Sinhala	11750as			
1630	1700	wh	Swaziland, TWR Africa	Oromo	9500af			
1630	1700		Turkey, Voice of Turkey	English	15520as			
1630	1700		Turkey, Voice of Turkey	Spanish	11930va			
1630	1700		UK, BBC World Service	Bengali	5865as	7465as	9540as	
1630	1700	mtwhf	UK, BBC World Service	Krwanda/Krundi	11860af	15790af		
1630	1700		UK, BBC World Service	Sinhala	7600as	13630as	15690as	
1630	1700		UK, FEBA Radio	Amharic	12125af			
1630	1700	hfa	UK, FEBA Radio	Amharic	9820af			
1630	1700	smtw	UK, FEBA Radio	Tigrinya	9820af			
1630	1700		USA, BBG/R Free Asia	Burmese	9945as			
1630	1700		USA, BBG/R Free Asia	Mandarin	5895as	9725as	9905as	11550as
					11870as	13675as	15430as	
1630	1700		USA, BBG/VOA/R Ashna	Pashto	9335as	11565as	11580as	
1630	1700		USA, BBG/Voice of America	English	9490af	11655af	13800af	
1630	1700	f	USA, BBG/Voice of America	Portuguese	9805af	13870af	17530af	
1630	1700		USA, BBG/Voice of America	Somali	12055af	15620af		
1630	1700		USA, BBG/Voice of America	Swahili	11645af	15265af	15460af	
1630	1700		Vietnam, VO Vietnam/Overseas Svc	French	7220me	9550me		
1630	1700		Vietnam, VO Vietnam/Overseas Svc	Russian	7280as	9730as		
1640	1700		Vatican City State, Vatican R	Russian	11715eu			
1640	1700		Vatican City State, Vatican R	Ukranian	9585eu			
1645	1700		Canada, Bible Voice Broadcasting	English	15215me			
1645	1700		Serbia, International R Serbia	Albanian	9635eu			
1645	1700	fa	Swaziland, TWR Africa	Hadiyya	9500af			
1645	1700		Swaziland, TWR Africa	Ndau	3200af			
1645	1700	smt	Swaziland, TWR Africa	Oromo	9500af			
1645	1700		Vatican City State, Vatican R	Tigrinya	13765af	15570af		
1650	1700		Vatican City State, Vatican R	Croatian	3975eu	6075eu	7250eu	
1655	1700	mtwhf	Canada, Bible Voice Broadcasting	Arabic	13580me			

1700 UTC - 1PM EDT / 12PM CDT / 10AM PDT

1700	1705		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	9410do		
1700	1710		Bangladesh Betar/Home Svc	English/Bengali	4750as			
1700	1710		Pakistan, Azad Kashmir R	English	3975do	4790do		
1700	1710		Pakistan, PBC/R Pakistan	English	11575eu			

1700	1710		Vatican City State, Vatican R	Croatian	3975eu	6075eu	7250eu	
1700	1715	mthf	Canada, Bible Voice Broadcasting	Arabic	13580me			
1700	1715	mf	Canada, Bible Voice Broadcasting	English	15215me			
1700	1715	mw	Canada, Bible Voice Broadcasting	Hebrew	15215me			
1700	1715		India, All India R/External Svc	Russian	9595eu	11620eu		
1700	1715	DRM	India, All India R/External Svc	Russian	15140eu			
1700	1715		Nepal, R Nepal	Nepali	5005do			
1700	1715		Nepal, R Nepal	Nepali	5005do			
1700	1715		Serbia, International R Serbia	Hungarian	9635eu			
1700	1715	Sun	Swaziland, TWR Africa	Amharic	9500af			
1700	1720	h	Canada, Bible Voice Broadcasting	English	15215me			
1700	1720	Sat/Sun	USA, BBG/Voice of America/Studio 7	Shona	4930af	7210af	12120af	
1700	1720		Vatican City State, Vatican R	Belarusian	7360eu	9585eu		
1700	1725		Clandestine, R Feon'ny Filazantsara	Malagasy	6155af			
1700	1725		Turkey, Voice of Turkey	English	15520as			
1700	1725		Turkey, Voice of Turkey	Spanish	11930va			
1700	1726		Romania, R Romania Intl	Ukrainian	5950eu			
1700	1727		Iran, VO Islamic Rep of Iran	Arabic	11815as	11995as		
1700	1727		Iran, VO Islamic Rep of Iran	Armenian	7230eu	9505eu		
1700	1727		Iran, VO Islamic Rep of Iran	Pashto	6005as	7340as		
1700	1727		Iran, VO Islamic Rep of Iran	Swahili	6110af	7435af		
1700	1727		Iran, VO Islamic Rep of Iran	Turkish	7210eu	9870eu		
1700	1727		Iran, VO Islamic Rep of Iran	Urdu	6060as			
1700	1730	mtwhfa	Albania, R Tirana	Italian	7465eu			
1700	1730		Australia, ABC/R Australia	English	11660as			
1700	1730		Austria, AWR Europe	Farsi	15150as			
1700	1730	f	Canada, Bible Voice Broadcasting	Amharic Music	17515af			
1700	1730		Canada, Bible Voice Broadcasting	Arabic	13670me			
1700	1730	w	Canada, Bible Voice Broadcasting	Arabic	13580me			
1700	1730	th	Canada, Bible Voice Broadcasting	Arabic	13810me			
1700	1730		Canada, Bible Voice Broadcasting	Dinka	13720af			
1700	1730		Canada, Bible Voice Broadcasting	Persian	13590as			
1700	1730	mw	Canada, Bible Voice Broadcasting	Tigringa	17515af			
1700	1730		China, China R International	Hausa	9620af	9665af		
1700	1730		Clandestine, VO Martyrs	Korean	7515as			
1700	1730	w	Clandestine, VO Oromo Liberation/SBO	Oromo	13830af			
1700	1730		Egypt, R Cairo	Somali	15285af			
1700	1730		Egypt, R Cairo	Swahili	17810af			
1700	1730	Sat/Sun	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1700	1730		France, R France International	Portuguese	9910af			
1700	1730		Germany, R Dardasha 7	Arabic	13670me			
1700	1730		India, All India R/Delhi	Urdu	6085do			
1700	1730		India, All India R/External Svc	Bengali	7420as			
1700	1730		India, All India R/External Svc	Hindi	7410me	9950af	12025me	15120af
					17670af			
1700	1730		India, All India R/External Svc	Persian	9620as	11710as		
1700	1730	Sun	India, All India R/Imphal	English/Hindi/Sanskrit/vernaculars	4775do			
1700	1730		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi	4840do			
1700	1730		India, All India R/Port Blair	English/Hindi/vernaculars	4760do			
1700	1730		India, All India R/Shimla	English/Hindi/Sanskrit/Urdu	4965do			
1700	1730		Nigeria, Voice of Nigeria	Igbo	9690af			
1700	1730		Poland, Polish Radio/External Svc	Belarusian	11630eu			
1700	1730	mtwhf	South Africa, AWR Africa	Kiswahili	9600af			
1700	1730	mtwhfa	Spain, R Exterior de Espana	Russian	15325eu			
1700	1730		Swaziland, TWR Africa	Amharic	9500af			
1700	1730		UK, BBC World Service	Dari	5865as	6155as	13700as	
1700	1730		UK, FEBA Radio	Orominya	9630af			
1700	1730		UK, FEBA Radio	Somali	6180af			
1700	1730		USA, BBG/R Farda	Farsi	9390as			
1700	1730		USA, BBG/R Free Asia	Burmese	9945as			
1700	1730		USA, BBG/VOA/R Ashna	Pashto	9335as	11565as	11580as	
1700	1730		USA, BBG/Voice of America	English	6080af	11795va	17895af	
1700	1730		USA, BBG/Voice of America	Portuguese	13630af			
1700	1730		USA, BBG/Voice of America	Somali	13680af			
1700	1730	mtwhf	USA, BBG/Voice of America/Studio 7	Shona	4930af	7210af	12120af	
1700	1730		Vatican City State, Vatican R	French	13765af	15570af		
1700	1730		Vietnam, VO Vietnam/Overseas Svc	English	9625eu			
1700	1735		India, All India R/Gorakhpur	Urdu	3945do	4860do	6045do	
1700	1740	h	Clandestine, Awdalradio	Somali	12130af			
1700	1740		India, All India R/Bengaluru	English/Hindi/vernaculars	9870do			
1700	1740		India, All India R/Delhi	Hindi	7370do	9575do	9835do	
1700	1740		India, All India R/Jaipur	English/Hindi/Rajasthani/Sindhi	4910do			
1700	1740		India, All India R/Jeypore	English/Hindi/Odia/Sanskrit	5040do			
1700	1740		India, All India R/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1700	1745	Sat	Canada, Bible Voice Broadcasting	Amharic	17515af			
1700	1745	Sat	Clandestine, R RSD	Somali	12130af			
1700	1745		India, All India R/Bhopal	English/Hindi/Urdu/Sanskrit	4810do			
1700	1745		India, All India R/Chennai	English/Hindi/Tamil	4920do			
1700	1745		India, All India R/Hyderabad	English/Hindi/Telugu/Urdu/Sanskrit	4800do			
1700	1745		India, All India R/Kolkata	Bengali/English/Hindi/Santhoni	4820do			

1700	1745		Swaziland, TWR Africa	Swahili	9475af			
1700	1750	DRM	New Zealand, R New Zealand Intl	English	6170pa			
1700	1750		New Zealand, R New Zealand Intl	English	7440pa			
1700	1750		North Korea, Korean Central BC Sta	Korean	9335na	11710eu	13760eu	15245eu
1700	1755		Saudi Arabia, BSKSA/Call of Islam	Arabic	15255af	15435eu		
1700	1755		Saudi Arabia, BSKSA/External Svc	French	17660af			
1700	1755		Saudi Arabia, BSKSA/External Svc	Persian	7240as			
1700	1755		Saudi Arabia, BSKSA/External Svc	Tajik/Turkmen/Uyghur/Uzbek		9885as		
1700	1755		Saudi Arabia, BSKSA/First General Pgm	Arabic	15225af			
1700	1755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	15205eu		17560af
1700	1755		South Africa, Channel Africa	English	15235af			
1700	1756	DRM	Romania, R Romania Intl	English	9535eu			
1700	1756		Romania, R Romania Intl	English	11740eu	11740eu		
1700	1756		Romania, R Romania Intl	Romanian	11970eu	15310eu		
1700	1757		Germany, Deutsche Welle	French	9735af	11810af		
1700	1757		Iran, VO Islamic Rep of Iran	Russian	7350va	9800va		
1700	1757		North Korea, Korean Central BC Sta	Russian	9325eu	12015eu		
1700	1757		North Korea, Voice of Korea	Arabic	9990va	11545va		
1700	1757		UK, FEBA Radio	Tigrinya	9630af			
1700	1800		Anguilla, University Network	English	11775na			
1700	1800	mtwhf	Argentina, RAE	German	15345eu			
1700	1800		Australia, ABC NT Alice Springs	English	2310do			
1700	1800		Australia, ABC NT Katherine	English	2485do			
1700	1800		Australia, ABC/R Australia	English	5995pa	9475as	9500pa	9580pa
					11880pa			
1700	1800		Bahrain, R Bahrain	Arabic	9745me			
1700	1800		Bahrain, R Bahrain	English	6010me			
1700	1800		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
1700	1800		Belarus, R Belarus	Polish	11730eu			
1700	1800		Benin, ORTB	French/Yoruba/vernaculars		5025do		
1700	1800		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1700	1800		Bolivia, R Fides	Spanish/Aymara	6155do			
1700	1800		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1700	1800		Bolivia, R Lipez	Spanish/Aymara	4796do			
1700	1800		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1700	1800		Bolivia, R San Miguel	Spanish	4699do			
1700	1800		Bolivia, R Santa Ana	Spanish	4451do			
1700	1800		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1700	1800		Bolivia, R Tacana	Spanish	4782do			
1700	1800		Brazil, Educadora/Braganca	Portuguese	4825do			
1700	1800		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1700	1800		Brazil, R Anhanguera	Portuguese	4905do			
1700	1800		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1700	1800		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1700	1800		Brazil, R Brasil Central	Portuguese	4985do	11815do		
1700	1800		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1700	1800		Brazil, R Capital	Portuguese	6070do			
1700	1800		Brazil, R Capixaba	Portuguese	4935do			
1700	1800		Brazil, R Clube do Para	Portuguese	4885do			
1700	1800		Brazil, R Congonhas	Portuguese	4775do			
1700	1800		Brazil, R Cultura do Para	Portuguese	5045do			
1700	1800		Brazil, R Cultura Filadelfia	Portuguese	6105do			
1700	1800		Brazil, R Cultura/Araraquara	Portuguese	3365do			
1700	1800		Brazil, R Cultura/Manaus	Portuguese	4845do			
1700	1800		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1700	1800		Brazil, R Difusora Acreana	Portuguese	4885do			
1700	1800		Brazil, R Difusora do Amazonas	Portuguese	4805do			
1700	1800		Brazil, R Difusora Roraima	Portuguese	4875do			
1700	1800		Brazil, R Difusora/Londrina	Portuguese	4815do			
1700	1800		Brazil, R Difusora/Macapá	Portuguese	4915do			
1700	1800		Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1700	1800		Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1700	1800		Brazil, R Educadora/Limeira	Portuguese	2380do			
1700	1800		Brazil, R Gaucha	Portuguese	6020do	11915do		
1700	1800		Brazil, R Gazeta	Portuguese	5955do	9685do		
1700	1800		Brazil, R Guaiba	Portuguese	6000do	11785do		
1700	1800		Brazil, R Guarujá Paulista	Portuguese	5045do			
1700	1800		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1700	1800		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1700	1800		Brazil, R Itatiaia	Portuguese	5970do			
1700	1800		Brazil, R Maria	Portuguese	4885do			
1700	1800		Brazil, R Marumby	Portuguese	6080do	9515do		
1700	1800		Brazil, R Meteorologia Paulista	Portuguese	4845do			
1700	1800		Brazil, R Mundial	Portuguese	3325do			
1700	1800		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1700	1800		Brazil, R Nove de Julho	Portuguese	9820do			
1700	1800		Brazil, R Novo Tempo	Portuguese	4895do			
1700	1800		Brazil, R Record	Portuguese	6150do	9505do		
1700	1800		Brazil, R Rio Mar	Portuguese	6160do	9695do		
1700	1800		Brazil, R Trans Mundial	Portuguese	9530do	11735do		

1700	1800		Brazil, R Verdes Florestas	Portuguese	4865do				
1700	1800		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1700	1800		Brazil, Super R Alvorada	Portuguese	2460do				
1700	1800		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
1700	1800		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
1700	1800	sth	Canada, Bible Voice Broadcasting	Amharic	17515af				
1700	1800	asm	Canada, Bible Voice Broadcasting	English	15215me				
1700	1800	Sat	Canada, CBC Northern Quebec Svc	English	9625na				
1700	1800		Canada, CFRX Toronto ON	English	6070na				
1700	1800		Canada, CFVP Calgary AB	English	6030na				
1700	1800		Canada, CKZN St Johns NF	English	6160na				
1700	1800		Canada, CKZU Vancouver BC	English	6160na				
1700	1800		Central African Rep, R Centrafrique	French/Sango	5035do				
1700	1800		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
1700	1800		Chile, CVC La Voz	Spanish	9635sa	17680sa			
1700	1800		China, China Natl R/CNR13	Uyghur	9420do	9890do			
1700	1800		China, China R International	Arabic	9555af	11725af	13790va		
1700	1800		China, China R International	Cantonese	9435af	9770af			
1700	1800		China, China R International	Croatian	7335eu	9435eu			
1700	1800		China, China R International	English	6090as	6140as	6145eu	6165me	
					7235as	7265af	7410as	7420as	
					9570af	9695eu	11900af	13760eu	
1700	1800		China, China R International	Esperanto	11650eu				
1700	1800		China, China R International	French	11690eu				
1700	1800		China, China R International	German	5970eu	7380eu			
1700	1800		China, China R International	Russian	7205eu	7450eu	9470va	9535eu	
					9560eu	11875va	13640va		
1700	1800		China, China R International	Swahili	5985af	11600af			
1700	1800		China, CNR/VO Minorities/CNR13	Uyghur	9420do	9890do			
1700	1800		China, Nei Menggu PBS	Chinese	7420do	9520do			
1700	1800		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1700	1800		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
					7450do				
1700	1800		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do	
					6130do	6200do	7255do	7385do	
1700	1800		China, Xinjiang PBS	Chinese	3950do	4850do	5960do	7310do	
1700	1800		China, Xinjiang PBS	Kazakh	4330do	6015do			
1700	1800		China, Xinjiang PBS	Mongolian	4500do	6190do			
1700	1800		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do	
1700	1800		Clandestine, Denge Mezopotamya	Kurdish	11530as				
1700	1800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1700	1800		Clandestine, R ESAT	Amharic	15370af	15390af			
1700	1800		Clandestine, Radyo-e-Rahoya Iran	Farsi	5810as				
1700	1800		Clandestine, SW R Africa	English/Ndebele/Shona		4880af			
1700	1800	mf	Clandestine, VO Asena	Tigrinya	15245af				
1700	1800	Sun	Clandestine, VO Oromo Liberation/SBO	Oromo	13830af				
1700	1800		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
1700	1800		Colombia, La Voz de tu Conciencia	Spanish	6010do				
1700	1800		Colombia, La Voz del Guaviare	Spanish	6035do				
1700	1800		Colombia, R Alcaravan	Spanish	5910do				
1700	1800		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do			
1700	1800		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1700	1800		Croatia, Voice of Croatia	Croatian/various	7410eu				
1700	1800	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	15340na	17590sa	
					17750sa				
1700	1800		Cuba, R Rebelde	Spanish	5025na				
1700	1800		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
1700	1800		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1700	1800		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1700	1800		Ecuador, HCJB/LV de los Andes	German	3995eu				
1700	1800		Egypt, R Cairo	English	15345af				
1700	1800		Egypt, R Cairo	Turkish	9280me				
1700	1800		Egypt, R Cairo	Urdu	17585as				
1700	1800		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do				
1700	1800		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do				
1700	1800		Eq Guinea, Pan Am BC/R Africa	English	15190af				
1700	1800		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do			
1700	1800		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen		7120do	5060do	6170do	
					7120do	9710do			
1700	1800		Ethiopia, Amhara State Reg R	Amharic	6090do				
1700	1800		Ethiopia, R Ethiopia	French	7235va	9560va			
1700	1800		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do			
1700	1800		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1700	1800		Ethiopia, R Oromiya	Oromo	6030do				
1700	1800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	11720eu			
1700	1800		France, R France International	French	13695af	15300af	17850af	21690af	
1700	1800	DRM	France, R France International	French	3965af				
1700	1800		France, R France International	Persian	13620me				
1700	1800		Gabon, Africa No. 1	French	9580af				

1700	1800		Germany, Deutsche Welle	French	15275af	15620af		
1700	1800		Greece, R Stathmos Makedonias	Greek	7450eu			
1700	1800		Greece, Voice of Greece	Greek	9420va	15650eu		
1700	1800		Guatemala, R Verdad	English/Spanish	4055do			
1700	1800		Guinea, RTV Guinee	French/vernacular	7125do			
1700	1800		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1700	1800		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1700	1800		India, All India R/Aligarh	English/Hindi	9470do			
1700	1800		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
1700	1800		India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1700	1800		India, All India R/Delhi	Urdu	4860do			
1700	1800		India, All India R/External Svc	Urdu	3945as			
1700	1800		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4950do		
1700	1800		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1700	1800		Indonesia, VO Indonesia	Spanish	9526va			
1700	1800		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1700	1800		Japan, R Japan NHK World	Japanese	6035as	9835as	11945va	11995va
					13710va	15445va		
1700	1800		Kuwait, R Kuwait/General Svc	Arabic	6080me	13650na		
1700	1800		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do		
1700	1800		Libya, Radio Libya	French	11600va			
1700	1800		Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al		
1700	1800		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1700	1800		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1700	1800		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1700	1800		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1700	1800		Mexico, R Mil Onda Corta	Spanish	6010do			
1700	1800		Mexico, R Transcontinental de America	Spanish	4800do			
1700	1800		Mexico, R Universidad	Spanish	6045do			
1700	1800		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1700	1800		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1700	1800		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1700	1800		Oman, R Sultanate of Oman	Arabic	15140va			
1700	1800		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1700	1800		Pakistan, PBC/R Pakistan	Farsi	7510me	9370me		
1700	1800		Pakistan, PBC/R Pakistan	Urdu	11575va	15265va		
1700	1800		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
1700	1800		Peru, La Voz de las Huarinjas	Spanish	5059do			
1700	1800		Peru, Ondas del Huallaga	Spanish	3330do			
1700	1800		Peru, R Bethel	Spanish	5921do			
1700	1800		Peru, R Cusco	Spanish	4780do			
1700	1800		Peru, R del Pacifico	Spanish	4975do	9675do		
1700	1800		Peru, R Horizonte	Spanish	5020do			
1700	1800		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
1700	1800		Peru, R Madre de Dios	Spanish	4950do			
1700	1800		Peru, R Manantial	Spanish/Quechua	4987do			
1700	1800		Peru, R Maranon	Spanish	4835do			
1700	1800		Peru, R Ondas del Sur Oriente	Spanish	5120do			
1700	1800		Peru, R Quillabamba	Spanish/Quechua	5025do			
1700	1800		Peru, R Santa Rosa	Spanish	6047do			
1700	1800		Peru, R Sicuani	Spanish/Quechua	4826do			
1700	1800		Peru, R Tarma	Spanish	4775do			
1700	1800		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
1700	1800		Peru, R Union	Spanish	6115do			
1700	1800		Peru, R Victoria	Spanish	6020do	9720do		
1700	1800		Peru, R Vision	Spanish	4790do			
1700	1800		Poland, Polish Radio/External Svc	English	9955na			
1700	1800	mtwhf	Russia, Adygeyan R	Adygeyan	7325eu			
1700	1800	mf	Russia, GTRK/Adygeya	Adyghian/Arabic/Turkish		7325me		
1700	1800		Russia, Voice of Russia	Arabic	5925me	7305me	9345me	11795me
					12060af	12065me	12110af	
1700	1800	DRM	Russia, Voice of Russia	English	7370eu			
1700	1800		Russia, Voice of Russia	English	4975va	7285va	11985af	12040eu
1700	1800		Russia, Voice of Russia	French	9745af	9900af	11635af	12000eu
					12030eu			
1700	1800		Russia, Voice of Russia	German	12010eu			
1700	1800	DRM	Russia, Voice of Russia	German	9880eu			
1700	1800		Russia, Voice of Russia	Italian	12050eu	15465eu		
1700	1800	DRM	Russia, Voice of Russia	Italian	6155eu	9880eu		
1700	1800		Russia, Voice of Russia	Polish	9615eu			
1700	1800		Russia, Voice of Russia	Russian	11730as	12015as	15640me	
1700	1800		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
1700	1800		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me			
1700	1800		South Africa, R Sonder Grense	Afrikaans	3320do			
1700	1800		South Korea, KBS World R	Korean	7275eu	9715eu	9740va	
1700	1800		South Korea, 1st Global Korean Netwk	Korean	6015as			
1700	1800		Spain, R Exterior de Espana	Arabic	21610me			
1700	1800		Spain, R Exterior de Espana	Spanish	7275eu			
1700	1800	mtwhf	Spain, R Exterior de Espana	Spanish	17715sa	17755af		

1700	1800	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa			
1700	1800	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa			
1700	1800	Sat/Sun	Spain, R Exterior de Espana	Spanish	9665eu	17850na			
1700	1800		Sri Lanka, SLBC	Sinhala	11750as				
1700	1800		Sudan, Sudan R	Arabic	7200do				
1700	1800		Swaziland, TWR Africa	English	3200af				
1700	1800		Sweden, IBRA Radio	Arabic	11915me				
1700	1800		Syria, R Damascus	Russian	9330eu				
1700	1800		Taiwan, R Taiwan Intl	Chinese	6075as	6145as			
1700	1800		Taiwan, R Taiwan Intl	English	15690af				
1700	1800		Taiwan, R Taiwan Intl	Russian	13750eu				
1700	1800		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1700	1800		Tajikistan, VO Tajik	Farsi	7245me				
1700	1800		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1700	1800		Tunisia, RTV/R Tunisia	Arabic	7225eu	12005me	17735me		
1700	1800		Turkey, Voice of Turkey	Turkish	5960eu	9460va			
1700	1800		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
1700	1800		Uganda, Dunamis Shortwave	Swahili/vernaculars	4750do				
1700	1800		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1700	1800		UK, BBC World Service	Arabic	5875me	6195me	7375af	11680af	
					11820af	13660va			
1700	1800		UK, BBC World Service	English	3255af	5845as	5975as	6190af	
					7565as	9410as	12095af	15400af	
					15420af	17640af	17795af	17830af	
1700	1800		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1700	1800		USA, BBG/R Farda	Farsi	5830as	11520as			
1700	1800		USA, BBG/R Free Asia	Korean	5820as	9975as			
1700	1800		USA, BBG/R Free Asia	Mandarin	5895as	7280as	9355as	9455as	
					9540as	9905as	11695as	13780as	
1700	1800		USA, BBG/R Free Europe/R Liberty	Belarusian	5930eu	7270eu			
1700	1800		USA, BBG/R Free Europe/R Liberty	Russian	5995eu	9840eu	11805eu	11845eu	
					15530as				
1700	1800		USA, BBG/R Free Europe/R Liberty	Turkmen	9760as	11780as			
1700	1800		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca		
1700	1800		USA, BBG/VOA Deewa R	Pashto	5895as	7455as	7495as	9370as	
					9870as				
1700	1800		USA, BBG/Voice of America	English	11795af	15580af			
1700	1800		USA, BBG/Voice of America	Georgian	11950	ey	13860eu		
1700	1800		USA, BBG/Voice of America	Kurdish	9850me	13610me	15130me		
1700	1800		USA, BBG/Voice of America	Portuguese	9825af	17530af			
1700	1800		USA, BBG/Voice of America	Somali	12055af				
1700	1800		USA, FBN/WTJC Newport NC	English	9370na				
1700	1800		USA, KNLS Anchor Point AK	Russian	9655as				
1700	1800		USA, WBCQ Monticello ME	English	9330am	15420am			
1700	1800		USA, WEWN/EWTN Irontdale AL	English	15610eu				
1700	1800		USA, WEWN/EWTN Irontdale AL	Spanish	11550ca	13830sa			
1700	1800		USA, WHRI Cypress Creek SC	English	9840na	21630af			
1700	1800		USA, WINB Red Lion PA	English	13570am				
1700	1800		USA, WJHR Intl Milton FL	English	15550usb				
1700	1800	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1700	1800		USA, WTWW Lebanon TN	Arabic	12105va				
1700	1800		USA, WTWW Lebanon TN	English	9479va				
1700	1800		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu	
1700	1800		USA, WWRB Manchester TN	English	9385na				
1700	1800		USA, WYFR/Family R Worldwide	Amharic	9790af				
1700	1800		USA, WYFR/Family R Worldwide	Arabic	13840va	15560va			
1700	1800		USA, WYFR/Family R Worldwide	English	7395af	17545af			
1700	1800		USA, WYFR/Family R Worldwide	Farsi	13740me				
1700	1800		USA, WYFR/Family R Worldwide	Somali	15600af				
1700	1800		USA, WYFR/Family R Worldwide	Turkish	17690eu				
1700	1800		USA, WYFR/Family R Worldwide	Vietnamese	9455as				
1700	1800		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
1700	1800		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do		
1700	1800		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
1700	1800		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7280eu	9730eu			
1700	1800		Yemen, Rep of Yemen R	Arabic	9780me				
1700	1800		Zambia, Christian Voice	English	4965as				
1700	1800		Zambia, CVC Intl/1 Africa	English	13590af				
1700	1800		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1700	1800		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do			
1700	1800		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1702	1800		Belarus, R Belarus	Polish	7255eu				
1710	1730		Vatican City State, Vatican R	Hungarian	3975eu	6075eu	7250eu		
1715	1730		Serbia, International R Serbia	Greek	9635eu				
1715	1735		South Africa, TWR Africa	Yao	7265af				
1715	1745	Sun	Swaziland, TWR Africa	Oromo	9500af				
1715	1800	mwf	Canada, Bible Voice Broadcasting	Arabic	13810me				
1720	1730	h	Canada, Bible Voice Broadcasting	Israeli Music	15215me				
1720	1740	Sat/Sun	USA, BBG/Voice of America/Studio 7	English	4930af	7210af	12120af		

1720	1740		Vatican City State, Vatican R	Lithuanian	7360eu	9585eu		
1725	1800		Russia, R Rossii	Russian	7215eu			
1729	1800		Japan, R Japan NHK World	Swahili	13730af			
1730	1740		India, All India R/Delhi	Hindi	6085do			
1730	1740		India, All India R/Guwahati	Hindi	7420do			
1730	1745	h	Canada, Bible Voice Broadcasting	English	15215me			
1730	1745		India, All India R/Bhopal	English	4810do			
1730	1745		India, All India R/Delhi	English	5015do	7370do	9575do	9835do
1730	1745		India, All India R/Guwahati	English	4940do			
1730	1745		India, All India R/Hyderabad	English	4800do			
1730	1745		India, All India R/Jaipur	English	4910do			
1730	1745		India, All India R/Kolkata	English	4820do			
1730	1745		India, All India R/Kurseong	English	4895do			
1730	1745		India, All India R/Lucknow	English	4880do			
1730	1745		India, All India R/R Kashmir	English	4950do			
1730	1745		India, All India R/Shimla	English	4965do			
1730	1745		India, All India R/Thiruvananthapuram	English	5010do			
1730	1745		Vatican City State, Vatican R	Czech	3975eu	6075eu	7250eu	
1730	1756		Romania, R Romania Intl	Serbian	6125eu			
1730	1800		Albania, R Tirana	French	7465eu			
1730	1800		Australia, ABC/R Australia	English	6080pa			
1730	1800	mwf	Canada, Bible Voice Broadcasting	Amharic	17515af			
1730	1800		China, China R International	Chinese	7315me	7385me	9685eu	9745va
					11660eu			
1730	1800		China, China R International	Hausa	9450af	9685af		
1730	1800	w	Clandestine, VO Oromo Liberation/SBO	Amharic	13830af			
1730	1800		Egypt, R Cairo	Amharic	15285af			
1730	1800	mtwhf	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1730	1800		Germany, AWR Europe	Kabyle	15170af			
1730	1800		Germany, AWR Europe	Oromo	15155af			
1730	1800		India, All India R/External Svc	Arabic	9620me	11710me	13640me	
1730	1800		India, All India R/External Svc	Malayalam	12025me			
1730	1800		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	9715as	12080as
1730	1800		Iran, VO Islamic Rep of Iran	Bosnian	9655eu	11865eu		
1730	1800		Iran, VO Islamic Rep of Iran	German	9570eu	11980eu		
1730	1800	Sun	Italy, IRRS SW	English	7290va			
1730	1800		Nigeria, Voice of Nigeria	Arabic	15120af			
1730	1800		Philippines, R Pilipinas Overseas	Filipino	9395me	11720me	15190me	
1730	1800		Poland, Polish Radio/External Svc	Russian	11960eu			
1730	1800		Serbia, International R Serbia	Italian	9635eu			
1730	1800		South Africa, AWR Africa	Masai	9600af			
1730	1800	m	South Africa, R Mirror Intl	English	3230af			
1730	1800	mtwhf	Spain, R Exterior de Espana	Portuguese	7275eu	17715sa	17755af	
1730	1800	Sat	Swaziland, TWR Africa	Amharic	9500af			
1730	1800	mtwhf	Swaziland, TWR Africa	Oromo	9500af			
1730	1800		Sweden, IBRA Radio	Somali	11610af			
1730	1800		Sweden, IBRA Radio	Swahili	11875af			
1730	1800		Turkey, Voice of Turkey	German	11835va			
1730	1800		UK, BBC World Service	Pashto	5865as	6155as	13700as	
1730	1800		UK, FEBA Radio	Ethiopian	7475af			
1730	1800		USA, BBG/R Farda	Farsi	5830as			
1730	1800		USA, BBG/VOA/R Ashna	Dari	9335as	11565as	11580as	
1730	1800		USA, BBG/Voice of America	Azeri	7435eu	9490eu	11855eu	
1730	1800		USA, BBG/Voice of America	English	6080af	12015va	17895af	
1730	1800		USA, BBG/Voice of America	Oromo	11905af	12140af	13570af	13870af
1730	1800		USA, BBG/Voice of America	Portuguese	13630af			
1730	1800		USA, BBG/Voice of America	Somali	13680af			
1730	1800	mtwhf	USA, BBG/Voice of America/Studio 7	English	4930af	7210af	12120af	
1730	1800	f	USA, BBG/Voice of America/Studio 7	Ndebele	4930af	7210af	12120af	
1730	1800		Vatican City State, Vatican R	English	11625af	13765af	15570af	
1730	1800		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9625eu			
1740	1745		India, All India R/Chennai	English	4920do			
1740	1800	Sat/Sun	USA, BBG/Voice of America/Studio 7	Ndebele	4930af	7210af	12120af	
1740	1800		Vatican City State, Vatican R	Latvian	7360eu	9585eu		
1745	1800	Sat	Canada, Bible Voice Broadcasting	English	17515af			
1745	1800	DRM	India, All India R/External Svc	English	9950eu			
1745	1800		India, All India R/External Svc	English	7400af	7550eu	9415af	11580af
					11670as	11935af	13695af	
1745	1800	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af			
1745	1800		Vatican City State, Vatican R	Slovak	3975eu	6075eu	7250eu	
1750	1800	mtwhf	Swaziland, TWR Africa	Umbundu	6130af			
1751	1800		New Zealand, R New Zealand Intl	English	9615pa			
1751	1800	DRM	New Zealand, R New Zealand Intl	English	7440pa			
1755	1800	mwa	Germany, Lutherische Stunde	German	12010eu			
1755	1800	DRM	Germany, Lutherische Stunde	German	6155eu	9880eu		

1800 UTC - 2PM EDT / 1PM CDT / 11AM PDT

1800	1805		China, China Natl R/CNR13	Uyghur	9420do	9890do		
1800	1805		China, CNR/VO Minorities/CNR13	Uyghur	9420do	9890do		
1800	1805		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1800	1805		China, Tibet PBS	Tibetan	4905do	4920do	5240do	6110do
					6130do	6200do	7255do	7385do
1800	1815		Canada, Bible Voice Broadcasting	Persian	11855as			
1800	1815	f	Canada, Bible Voice Broadcasting	Russian	6130eu			
1800	1815	h	Canada, Bible Voice Broadcasting	Ukrainian	6130eu			
1800	1815		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1800	1815	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af			
1800	1820	mtwhf	Swaziland, TWR Africa	Umbundu	6130af			
1800	1820		Vatican City State, Vatican R	Polish	3975eu	6075eu	7250eu	
1800	1820		Vatican City State, Vatican R	Romanian	6185eu	7360eu		
1800	1826	DRM	Romania, R Romania Intl	Italian	5920eu			
1800	1827		Iran, VO Islamic Rep of Iran	Bosnian	9655eu	11865eu		
1800	1827		Iran, VO Islamic Rep of Iran	German	9570eu	11980eu		
1800	1830	Sat	Austria, AWR Europe	Acholi	15325af			
1800	1830	m	Austria, AWR Europe	Bari	15325af			
1800	1830	h	Austria, AWR Europe	Dinka	15325af			
1800	1830	w	Austria, AWR Europe	English	15325af			
1800	1830	t	Austria, AWR Europe	Juba Arabic	15325af			
1800	1830	Sun	Austria, AWR Europe	Moro	15325af			
1800	1830	f	Austria, AWR Europe	Zande	15325af			
1800	1830	f	Canada, Bible Voice Broadcasting	Persian	11855as			
1800	1830	t	Canada, Bible Voice Broadcasting	Russian	6130eu			
1800	1830	asf	Canada, Bible Voice Broadcasting	Somali	17515af			
1800	1830		China, China R International	Chinese	7315me	7385me	9685eu	9745va
					11660eu			
1800	1830		China, China R International	Hausa	9450af	9685af	11640af	
1800	1830		Clandestine, Radyo-e-Rahoya Iran	Farsi	5810as			
1800	1830	tha	Clandestine, VO Eritrea	Tigrinya	7235af	9560af		
1800	1830	mwf	Clandestine, VO Peace & Democracy of Eritrea	Tigrinya	7235af	9560af		
1800	1830		India, All India R/Aizawl	English/Hindi/Mizo	5050do			
1800	1830		India, All India R/External Svc	Malayalam	12025me			
1800	1830		India, All India R/R Kashmir	English/Hindi/Urdu/vernaculars		4950do		
1800	1830		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do		
1800	1830	Sun	Italy, IRRS SW	Italian	7290va			
1800	1830		Japan, R Japan NHK World	English	15720af			
1800	1830	mtwhf	Moldova, R PMR/Pridnestrovye	Russian	9665eu			
1800	1830		Nigeria, Voice of Nigeria	Arabic	15120af			
1800	1830		South Africa, AWR Africa	English	3215af	3345af		
1800	1830	m	South Africa, R Mirror Intl	English	3230af			
1800	1830		Sri Lanka, SLBC	Sinhala	11750as			
1800	1830		Sweden, IBRA Radio	Beja	12070af			
1800	1830		Tanzania, Zanzibar BC/VO Tanzania	English	11735do			
1800	1830		UK, BBC World Service	Dari	5865as			
1800	1830		UK, BBC World Service	English	5850as	5975as		
1800	1830		UK, BBC World Service	French	6095af	11755af	15105af	15180af
					17885af			
1800	1830		UK, BBC World Service	Somali	6005af	9410af	11845af	
1800	1830		USA, BBG/Afia Darfur R	Arabic	9815af	11740af	13715af	
1800	1830	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	6065eu			
1800	1830		USA, BBG/VO America/Afia Darfur R	Arabic	9805af	11615af	11740af	13715af
1800	1830		USA, BBG/VOA/R Ashna	Dari	9335as	11565as	11580as	
1800	1830		USA, BBG/Voice of America	English	6080af	17895af		
1800	1830	Sat/Sun	USA, BBG/Voice of America	English	4930af			
1800	1830		USA, BBG/Voice of America	English	9850af			
1800	1830	mtwhf	USA, BBG/Voice of America	Portuguese	9825af	13630af	17530af	
1800	1830	f	USA, BBG/Voice of America/Studio 7	English/Ndebele/Shona		4930af	7210af	12120af
1800	1830	mtwh	USA, BBG/Voice of America/Studio 7	Ndebele	4930af	7210af	12120af	
1800	1830		Vatican City State, Vatican R	Portuguese	11625af	13765af	15570af	
1800	1830		Vietnam, VO Vietnam/Overseas Svc	Spanish	7280eu	9730eu		
1800	1830		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9625eu			
1800	1836	DRM	New Zealand, R New Zealand Intl	English	7440pa			
1800	1836		New Zealand, R New Zealand Intl	English	9615pa			
1800	1840		India, All India R/Delhi	English/Hindi/Punjabi	5015do			
1800	1845		Moldova, R Payem e-Doost	Farsi	7480as			
1800	1856	DRM	Romania, R Romania Intl	German	9495eu			
1800	1856		Romania, R Romania Intl	German	11940eu			
1800	1856		Romania, R Romania Intl	Romanian	11970eu	15310eu		
1800	1857		Germany, Deutsche Welle	Hausa	9735af	15275af	21780af	
1800	1857		Iran, VO Islamic Rep of Iran	Russian	6140as	7240as		
1800	1857		North Korea, Voice of Korea	English	13760eu	15245eu		
1800	1857		North Korea, Voice of Korea	French	7210af	9975va	11535va	11910af
1800	1857		North Korea, Voice of Korea	German	9325eu	12015eu		
1800	1900		Anguilla, University Network	English	11775na			

1800	1900	mtwhf	Argentina, RAE	English	15345eu			
1800	1900	Sun	Argentina, RAE	Spanish	6060am	15345eu		
1800	1900		Australia, ABC NT Alice Springs	English	2310do			
1800	1900		Australia, ABC NT Katherine	English	2485do			
1800	1900		Australia, ABC/R Australia	English	6080pa	9500pa	9580pa	9710pa
					11880pa			
1800	1900		Bahrain, R Bahrain	Arabic	9745me			
1800	1900		Bahrain, R Bahrain	English	6010me			
1800	1900		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
1800	1900		Belarus, R Belarus	German	7255eu	11730eu		
1800	1900		Benin, ORTB	French/Yoruba/vernaculars		5025do		
1800	1900		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1800	1900		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1800	1900		Bolivia, R Lipez	Spanish/Aymara	4796do			
1800	1900		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1800	1900		Bolivia, R San Miguel	Spanish	4699do			
1800	1900		Bolivia, R Santa Ana	Spanish	4451do			
1800	1900		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1800	1900		Bolivia, R Tacana	Spanish	4782do			
1800	1900		Brazil, Educadora/Braganca	Portuguese	4825do			
1800	1900		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1800	1900		Brazil, R Anhanguera	Portuguese	4905do			
1800	1900		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1800	1900		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1800	1900		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1800	1900		Brazil, R Brasil Central	Portuguese	4985do	11815do		
1800	1900		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1800	1900		Brazil, R Capital	Portuguese	6070do			
1800	1900		Brazil, R Capixaba	Portuguese	4935do			
1800	1900		Brazil, R Clube do Para	Portuguese	4885do			
1800	1900		Brazil, R Congonhas	Portuguese	4775do			
1800	1900		Brazil, R Cultura do Para	Portuguese	5045do			
1800	1900		Brazil, R Cultura Filadelfia	Portuguese	6105do			
1800	1900		Brazil, R Cultura/Araraquara	Portuguese	3365do			
1800	1900		Brazil, R Cultura/Manaus	Portuguese	4845do			
1800	1900		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1800	1900		Brazil, R Difusora Acreana	Portuguese	4885do			
1800	1900		Brazil, R Difusora Roraima	Portuguese	4875do			
1800	1900		Brazil, R Difusora/Londrina	Portuguese	4815do			
1800	1900		Brazil, R Difusora/Macapá	Portuguese	4915do			
1800	1900		Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1800	1900		Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1800	1900		Brazil, R Educadora/Limeira	Portuguese	2380do			
1800	1900		Brazil, R Gaucha	Portuguese	6020do	11915do		
1800	1900		Brazil, R Gazeta	Portuguese	5955do	9685do		
1800	1900		Brazil, R Guaiba	Portuguese	6000do	11785do		
1800	1900		Brazil, R Guarujá Paulista	Portuguese	5045do			
1800	1900		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1800	1900		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1800	1900		Brazil, R Itatiaia	Portuguese	5970do			
1800	1900		Brazil, R Maria	Portuguese	4885do			
1800	1900		Brazil, R Marumby	Portuguese	6080do	9515do		
1800	1900		Brazil, R Meteorologia Paulista	Portuguese	4845do			
1800	1900		Brazil, R Mundial	Portuguese	3325do			
1800	1900		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1800	1900		Brazil, R Nove de Julho	Portuguese	9820do			
1800	1900		Brazil, R Novo Tempo	Portuguese	4895do			
1800	1900		Brazil, R Record	Portuguese	6150do	9505do		
1800	1900		Brazil, R Rio Mar	Portuguese	6160do	9695do		
1800	1900		Brazil, R Trans Mundial	Portuguese	9530do	11735do		
1800	1900		Brazil, R Verdes Florestas	Portuguese	4865do			
1800	1900		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
1800	1900		Brazil, Super R Alvorada	Portuguese	2460do			
1800	1900		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
1800	1900		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1800	1900	Sat	Canada, Bible Voice Broadcasting	English	9430me			
1800	1900	Sun	Canada, Bible Voice Broadcasting	English	6130eu	15215me		
1800	1900	th	Canada, Bible Voice Broadcasting	Persian	11855as			
1800	1900		Canada, CFRX Toronto ON	English	6070na			
1800	1900		Canada, CFVP Calgary AB	English	6030na			
1800	1900		Canada, CKZN St Johns NF	English	6160na			
1800	1900		Canada, CKZU Vancouver BC	English	6160na			
1800	1900		Central African Rep, R Centrafrique	French/Sango	5035do			
1800	1900		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
1800	1900		Chile, CVC La Voz	Spanish	9635sa	17680sa		
1800	1900	DRM	Chile, CVC La Voz	Spanish	17640sa			
1800	1900		China, China R International	Chaozhou	11895eu	13700eu		
1800	1900		China, China R International	English	6175eu	9600eu	13760eu	
1800	1900		China, China R International	French	5970eu	6055af	9480eu	11695af
1800	1900		China, China R International	German	7395eu	11650eu	11775eu	

1800	1900		China, China R International	Italian	7340eu	7435eu		
1800	1900		China, China R International	Persian	7415me	9670me		
1800	1900		China, China R International	Russian	7205eu	9535eu	9560eu	9765va
1800	1900		China, Nei Menggu PBS	Chinese	7420do	9520do		
1800	1900		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1800	1900		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1800	1900		Clandestine, Denge Mezopotamya	Kurdish	11530as			
1800	1900		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1800	1900		Clandestine, R VO the People	English/Ndebele/Shona		7330af		
1800	1900		Clandestine, SW R Africa	English/Ndebele/Shona		4880af		
1800	1900		Clandestine, VO People	English/Shona/Ndebele		7330af		
1800	1900		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1800	1900		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1800	1900		Colombia, La Voz del Guaviare	Spanish	6035do			
1800	1900		Colombia, R Alcaravan	Spanish	5910do			
1800	1900		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
1800	1900		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1800	1900		Croatia, Voice of Croatia	Croatian/various	3985eu			
1800	1900		Cuba, R Rebelde	Spanish	5025na			
1800	1900		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1800	1900		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1800	1900		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1800	1900	mtwhfa	Ecuador, HCJB/LV de los Andes	English	3995eu			
1800	1900	Sun	Ecuador, HCJB/LV de los Andes	Spanish	3995eu			
1800	1900		Egypt, R Cairo	Amharic	15285af			
1800	1900		Egypt, R Cairo	Hausa	9990af			
1800	1900		Egypt, R Cairo	Italian	6270eu			
1800	1900		Egypt, R Cairo	Turkish	9280me			
1800	1900		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1800	1900		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1800	1900		Eq Guinea, Pan Am BC/R Africa	English	15190af			
1800	1900		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7210do		
1800	1900		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen			5060do	6170do
					7120do	9710do		
1800	1900		Ethiopia, Amhara State Reg R	Amharic	6090do			
1800	1900		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do		
1800	1900		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1800	1900		Ethiopia, R Oromiya	Oromo	6030do			
1800	1900	mtwhf	Ethiopia, VO the Tigray Revol	Afar/Tigrina	5950do			
1800	1900	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
1800	1900		France, R France International	French	11705af	13695af	15300af	21690af
1800	1900	DRM	France, R France International	French	3965eu			
1800	1900		France, R France International	Russian	11795eu	13620eu		
1800	1900		Gabon, Africa No. 1	French	9580af			
1800	1900		Greece, R Stathmos Makedonias	Greek	7450eu			
1800	1900		Greece, Voice of Greece	Greek	9420va	15630eu		
1800	1900		Guatemala, R Verdad	English/Spanish	4055do			
1800	1900		Guinea, R Familia FM	French/Susu/Pular/Maninka		4900do		
1800	1900		Guinea, RTV Guinee	French/vernacular	7125do			
1800	1900		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1800	1900		India, All India R/Aligarh	English/Hindi	9470do			
1800	1900		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
1800	1900		India, All India R/Delhi	Urdu	4860do			
1800	1900		India, All India R/External Svc	Arabic	9620me	11710me	13640me	
1800	1900	DRM	India, All India R/External Svc	English	9950eu			
1800	1900		India, All India R/External Svc	English	7400af			
					11580af	7550as	9415af	9445af
1800	1900		India, All India R/External Svc	Urdu	3945as	11670eu	11935af	13695af
1800	1900		Indonesia, VO Indonesia	German	9526va			
1800	1900		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	9715as	12080as
1800	1900		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1800	1900	fa	Italy, IRRS SW	English	7290va			
1800	1900		Japan, R Japan NHK World	Japanese	6035as	9835sa	11945va	11995va
					13710va	15445va		
1800	1900		Kuwait, R Kuwait	English	15540eu			
1800	1900		Kuwait, R Kuwait/General Svc	Arabic	6080me	13650na		
1800	1900		Madagascar, R Natl Malagasy	French/Malagasy	5010do	4910al		
1800	1900		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1800	1900		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1800	1900		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
1800	1900		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
1800	1900		Mexico, R Mil Onda Corta	Spanish	6010do			
1800	1900		Mexico, R Transcontinental de America	Spanish	4800do			
1800	1900		Mexico, R Universidad	Spanish	6045do			
1800	1900		Morocco, R Marocaine	Arabic	15349af			
1800	1900		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1800	1900		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1800	1900		Nigeria, FCN Abuja	English/Hausa/Igbo/Yoruba		7275do		

1800	1900		Oman, R Sultanate of Oman	Arabic	15140va				
1800	1900		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
1800	1900		Peru, La Voz de las Huarinas	Spanish	5059do				
1800	1900		Peru, Ondas del Huallaga	Spanish	3330do				
1800	1900		Peru, R Bethel	Spanish	5921do				
1800	1900		Peru, R Cusco	Spanish	4780do				
1800	1900		Peru, R del Pacifico	Spanish	4975do	9675do			
1800	1900		Peru, R Horizonte	Spanish	5020do				
1800	1900		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
1800	1900		Peru, R Madre de Dios	Spanish	4950do				
1800	1900		Peru, R Manantial	Spanish/Quechua	4987do				
1800	1900		Peru, R Maranon	Spanish	4835do				
1800	1900		Peru, R Ondas del Sur Oriente	Spanish	5120do				
1800	1900		Peru, R Quillabamba	Spanish/Quechua	5025do				
1800	1900		Peru, R Santa Rosa	Spanish	6047do				
1800	1900		Peru, R Sicuani	Spanish/Quechua	4826do				
1800	1900		Peru, R Tarma	Spanish	4775do				
1800	1900		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1800	1900		Peru, R Union	Spanish	6115do				
1800	1900		Peru, R Victoria	Spanish	6020do	9720do			
1800	1900		Peru, R Vision	Spanish	4790do				
1800	1900		Philippines, R Pilipinas Overseas	Filipino	9395me	11720me	15190me		
1800	1900		Russia, R Rossii	Russian	7215eu				
1800	1900		Russia, Voice of Russia	Arabic	7305me	9345me	12060af	12110me	
1800	1900	DRM	Russia, Voice of Russia	English	7370eu	9880eu			
1800	1900		Russia, Voice of Russia	English	4975me	9900va	12040eu		
1800	1900		Russia, Voice of Russia	French	11635af	12000eu	12030af	12050af	
					15465eu				
1800	1900	DRM	Russia, Voice of Russia	French	9880eu				
1800	1900		Russia, Voice of Russia	German	12010eu				
1800	1900		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
1800	1900		Saudi Arabia, BSKSA/External Svc	Turkish	9675me				
1800	1900		Saudi Arabia, BSKSA/First General Pgm	Arabic	9555af	9870eu			
1800	1900		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af		
1800	1900		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me				
1800	1900		South Africa, R Sonder Grense	Afrikaans	3320do				
1800	1900		South Korea, KBS World R	English	7275eu				
1800	1900		South Korea, KBS World R	Russian	15360eu				
1800	1900		South Korea, 1st Global Korean Netwk	Korean	6015as				
1800	1900		Spain, R Exterior de Espana	Arabic	21610me				
1800	1900	mtwhf	Spain, R Exterior de Espana	French	9665eu				
1800	1900		Spain, R Exterior de Espana	Spanish	7275eu				
1800	1900	mtwhf	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa	17755af	
					17850na				
1800	1900	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa			
1800	1900	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa			
1800	1900	Sat/Sun	Spain, R Exterior de Espana	Spanish	9665eu	17755af	17850na		
1800	1900		Sudan, Sudan R	Arabic	7200do				
1800	1900		Swaziland, TWR Africa	English	3200af	9500af			
1800	1900		Syria, R Damascus	German	9330eu				
1800	1900		Taiwan, R Taiwan Intl	English	6155eu				
1800	1900		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1800	1900		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1800	1900		Thailand, R Thailand World Svc	Thai	7520va				
1800	1900		Tunisia, RTV/R Tunisia	Arabic	7225eu	12005me	17735me		
1800	1900		Turkey, Voice of Turkey	German	11835va				
1800	1900		Turkey, Voice of Turkey	Turkish	5960eu	9460va			
1800	1900		Turkmenistan, Turkmen Radiosy	Turkmen	5015do				
1800	1900		Uganda, Dunamis Shortwave	Swahili/vernaculars	4750do				
1800	1900		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1800	1900		UK, BBC World Service	Arabic	6195me	7375af	9915af	11680af	
					13660va				
1800	1900		UK, BBC World Service	Dari	6155as	9795as			
1800	1900		UK, BBC World Service	English	3255af	5875me	5950as	6190af	
					11810af	12095af	15400af	15420af	
					17795af				
1800	1900		UK, FEBA Radio	Arabic	9550me				
1800	1900		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1800	1900		USA, BBG/R Farda	Farsi	5830as	7575as			
1800	1900		USA, BBG/R Free Asia	Korean	5820as	7465as			
1800	1900		USA, BBG/R Free Asia	Mandarin	7280as	7355as	9355as	9455as	
					9540as	9690as	11540as	13780as	
1800	1900		USA, BBG/R Free Europe/R Liberty	Belarusian	5930eu	6105eu			
1800	1900		USA, BBG/R Free Europe/R Liberty	Russian	5995eu	6090eu	9840eu		
1800	1900		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca		
1800	1900		USA, BBG/VOA Deewa R	Pashto	5895as	7455as	7495as	9370as	
					9870as				
1800	1900		USA, BBG/Voice of America	Amharic	11905af	11925af	12140af	13570af	
					13870af				

1800	1900		USA, BBG/Voice of America	English	12015af	15580af		
1800	1900		USA, FBN/WTJC Newport NC	English	9370na			
1800	1900		USA, KJES Vado NM	English	15385na			
1800	1900		USA, Overcomer Ministry	English	9400eu			
1800	1900		USA, WBCQ Monticello ME	English	9330am	15420am		
1800	1900		USA, WEWN/EWTN Irondale AL	English	15610af			
1800	1900		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830sa		
1800	1900		USA, WHRI Cypress Creek SC	English	9840na	21630af		
1800	1900		USA, WINB Red Lion PA	English	13570am			
1800	1900		USA, WJHR Intl Milton FL	English	15550usb			
1800	1900	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1800	1900		USA, WTWW Lebanon TN	English	9479va			
1800	1900		USA, WTWW Lebanon TN	French	12105va			
1800	1900		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu
1800	1900		USA, WWRB Manchester TN	English	9385na			
1800	1900		USA, WYFR/Family R Worldwide	Arabic	11955va			
1800	1900		USA, WYFR/Family R Worldwide	English	5905af	7395af	9610af	13750af
1800	1900		USA, WYFR/Family R Worldwide	Igbo	11875af			
1800	1900		USA, WYFR/Family R Worldwide	Turkish	17690eu			
1800	1900		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
1800	1900		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1800	1900		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1800	1900		Zambia, Christian Voice	English	4965af			
1800	1900		Zambia, CVC Intl/1 Africa	English	13590af			
1800	1900		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1800	1900		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do		
1800	1900		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1815	1845	Sun	Canada, Bible Voice Broadcasting	English	6130eu	9430me		
1820	1835		Swaziland, TWR Africa	Chokwe	6130af			
1820	1840		Vatican City State, Vatican R	Bulgarian	6185eu	7360eu		
1820	1840		Vatican City State, Vatican R	German	3975eu	6075eu	7250eu	
1830	1845		India, All India R/Delhi	English	5015do			
1830	1845		UK, FEBA Radio	French	15250af			
1830	1856		Romania, R Romania Intl	Aromanian	5920eu			
1830	1900		Austria, AWR Europe	Arabic	11660af			
1830	1900	f	Canada, Bible Voice Broadcasting	English	17515af			
1830	1900	Sun	Canada, Bible Voice Broadcasting	Persian	11855as			
1830	1900		China, China R International	Arabic	11640af			
1830	1900		China, China R International	Bulgarian	6020eu	7265eu	9695eu	
1830	1900		China, China R International	French	7350af	9645af		
1830	1900		Clandestine, Badr Radio	Amharic	15165af			
1830	1900		Clandestine, R Damal/VO Somali People	Somali	11990af			
1830	1900		Clandestine, Sawtu Linjila/VO the Gospel	Fulfulde	11975af			
1830	1900		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do		
1830	1900		Iran, VO Islamic Rep of Iran	Albanian	9570eu	11980eu		
1830	1900		Iran, VO Islamic Rep of Iran	French	9860eu	11865eu	17650eu	
1830	1900		Iran, VO Islamic Rep of Iran	Hausa	13710af	15550af		
1830	1900	Sun	Italy, IRRS SW	English	7290va			
1830	1900	mtwhf	Moldova, R PMR/Pridnestrovye	English	9665eu			
1830	1900	DRM/mtwhf	Nigeria, Voice of Nigeria	English	15120af			
1830	1900		Serbia, International R Serbia	English	6100eu			
1830	1900		South Africa, AWR Africa	English	11840af			
1830	1900		Sweden, IBRA Radio	Fur	12070af			
1830	1900		Turkey, Voice of Turkey	Arabic	11690va			
1830	1900		Turkey, Voice of Turkey	English	9785va			
1830	1900		UK, BBC World Service	Dari	5865as			
1830	1900		UK, BBC World Service	English	9410af			
1830	1900	mtwhf	UK, BBC World Service	Krwan/Krundi	6005af	9590af	11865af	
1830	1900		USA, BBG/VOA/R Ashna	Pashto	7555as	9335as		
1830	1900		USA, BBG/Voice of America	Albanian	6065eu			
1830	1900		USA, BBG/Voice of America	English	4930af	6080af	9850af	
1830	1900		USA, BBG/Voice of America	French	9815af	17530af		
1830	1900	mtwhf	USA, BBG/Voice of America/Studio 7	English/Ndebele/Shona		7210af	12120af	
1830	1900		USA, WYFR/Family R Worldwide	French	17585af			
1830	1900		USA, WYFR/Family R Worldwide	Hausa	17550af			
1830	1900		Vietnam, VO Vietnam/Overseas Svc	French	7280eu	9625eu	9730eu	
1835	1850		Swaziland, TWR Africa	Umbundu	6130af			
1837	1900		New Zealand, R New Zealand Intl	English	9615pa			
1837	1900	DRM	New Zealand, R New Zealand Intl	English	9890pa			
1840	1900	mthfas	Germany, Missionswerk Heukelbach	German	12010eu			
1840	1900	fa	Vatican City State, Vatican R	Finnish	5980eu	11885eu		
1840	1900		Vatican City State, Vatican R	Rosary	3975eu	6075eu	9645eu	9755af
					11625af	13765eu		
1840	1900	mtwhs	Vatican City State, Vatican R	Swedish	5980eu	11885eu		
1845	1900		Egypt, R Cairo	Pulaar	17625af			
1850	1900	stwhf	Swaziland, TWR Africa	KiKongo	6130af			
1850	1900	m	Swaziland, TWR Africa	Luvale	6130af			
1850	1900	Sat	Swaziland, TWR Africa	Portuguese	6130af			

1900 UTC - 3PM EDT / 2PM CDT / 12PM PDT

1900	1905	smwhf	Swaziland, TWR Africa	KiKongo	6130af				
1900	1905	m	Swaziland, TWR Africa	Luvale	6130af				
1900	1905	Sat	Swaziland, TWR Africa	Portuguese	6130af				
1900	1920		Vatican City State, Vatican R	Albanian	5980eu	11885eu			
1900	1925		Turkey, Voice of Turkey	Arabic	11690va				
1900	1925		Turkey, Voice of Turkey	English	9785va				
1900	1926		Romania, R Romania Intl	Ukrainian	6125eu				
1900	1927		Germany, Deutsche Welle	English	9735af				
1900	1927		Iran, VO Islamic Rep of Iran	Albanian	9570eu	11980eu			
1900	1927		Iran, VO Islamic Rep of Iran	French	9860eu	11865eu	17650eu		
1900	1927		Iran, VO Islamic Rep of Iran	Hausa	13710af	15550af			
1900	1930		Armenia, Public R of Armenia	Arabic	4810me				
1900	1930		Austria, AWR Europe	Hausa	11955af				
1900	1930		Canada, Bible Voice Broadcasting	Arabic	13740af				
1900	1930	f	Canada, Bible Voice Broadcasting	English	17515af				
1900	1930		China, China R International	Arabic	11640af				
1900	1930		China, China R International	Czech	9515eu				
1900	1930		China, China R International	Hungarian	7440eu	9560eu			
1900	1930		China, China R International	Romanian	7305eu				
1900	1930		Clandestine, R Damal/VO Somali People	Somali	11990af				
1900	1930		Germany, AWR Europe	Arabic	9765af				
1900	1930		Germany, AWR Europe	Fulfulde	15205af				
1900	1930		Germany, AWR Europe	Wolof	11945af				
1900	1930		Germany, Deutsche Welle	English	7365af	11800af			
1900	1930		India, All India R/Delhi	Urdu	4860do				
1900	1930		India, All India R/External Svc	Urdu	3945as				
1900	1930	mtwhf	Moldova, R PMR/Pridnestrovye	French	9665eu				
1900	1930		Philippines, R Pilipinas Overseas	Filipino	9395me	11720me	15190me		
1900	1930		Serbia, International R Serbia	Spanish	6100eu				
1900	1930		Sweden, IBRA Radio	Arabic	12070af				
1900	1930		Sweden, IBRA Radio	Fulfulde	11875af				
1900	1930		UK, FEBA Radio	Arabic	9550me				
1900	1930		USA, BBG/Afia Darfur R	Arabic	9600af	9800af	11830af		
1900	1930		USA, BBG/VO America/Afia Darfur R	Arabic	9780af	9815af	11975af		
1900	1930		USA, BBG/VOA/R Ashna	Pashto	7555as	9335as			
1900	1930		USA, BBG/Voice of America	English	9850af				
1900	1930		USA, BBG/Voice of America	French	9815af	17530af			
1900	1930	mtwhf	USA, BBG/Voice of America	Tigrigna	11905af	11925af	12140af	13570af	
					13870af				
1900	1930		USA, WYFR/Family R Worldwide	French	17585af				
1900	1930		USA, WYFR/Family R Worldwide	Hausa	17550af				
1900	1930		Vatican City State, Vatican R	Italian	3975eu	6075eu	7250eu	9645eu	
					13765eu				
1900	1930	Sat	Vatican City State, Vatican R	Spanish	9755af	11625af			
1900	1930		Vietnam, VO Vietnam/Overseas Svc	English	7280eu	9730eu			
1900	1930		Vietnam, VO Vietnam/Overseas Svc	Russian	9890eu				
1900	1935		France, R France International	Portuguese	5950af				
1900	1945		India, All India R/External Svc	Arabic	9620me	11710me	13640me		
1900	1945	DRM	India, All India R/External Svc	English	9950eu				
1900	1945		India, All India R/External Svc	English	7400af	7550eu	9415af	9445af	
					11580af	11670eu	11935af	13695af	
1900	1950	DRM	New Zealand, R New Zealand Intl	English	9890pa				
1900	1950		New Zealand, R New Zealand Intl	English	9615pa				
1900	1956		Romania, R Romania Intl	Romanian	11970eu	15310eu			
1900	1956		Romania, R Romania Intl	Spanish	9700eu	11795eu			
1900	1957		North Korea, Korean Central BC Sta	Spanish	13760eu	15245eu			
1900	1957		North Korea, Voice of Korea	English	7210af	9975va	11535va	11910af	
1900	1957		North Korea, Voice of Korea	German	9325eu	12015eu			
1900	2000		Anguilla, University Network	English	11775na				
1900	2000	mtwhf	Argentina, RAE	Italian	15345eu				
1900	2000	Sun	Argentina, RAE	Spanish	6060am	15345eu			
1900	2000		Australia, ABC NT Alice Springs	English	2310do				
1900	2000		Australia, ABC NT Katherine	English	2485do				
1900	2000		Australia, ABC/R Australia	English	6080pa	9475as	9500pa	9580pa	
					9710pa	11660pa	11880pa		
1900	2000		Bahrain, R Bahrain	Arabic	9745me				
1900	2000		Bahrain, R Bahrain	English	6010me				
1900	2000		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu				
1900	2000		Belarus, R Belarus	German	7255eu	11730eu			
1900	2000		Benin, ORTB	French/Yoruba/vernaculars		5025do			
1900	2000		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1900	2000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1900	2000		Bolivia, R Lipez	Spanish/Aymara	4796do				
1900	2000		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
1900	2000		Bolivia, R San Miguel	Spanish	4699do				
1900	2000		Bolivia, R Santa Ana	Spanish	4451do				
1900	2000		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				

1900	2000		Bolivia, R Tacana	Spanish	4782do			
1900	2000		Brazil, Educadora/Braganca	Portuguese	4825do			
1900	2000		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1900	2000		Brazil, R Anhanguera	Portuguese	4905do			
1900	2000		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1900	2000		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1900	2000		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
1900	2000		Brazil, R Brasil Central	Portuguese	4985do	11815do		
1900	2000		Brazil, R Caiari	Portuguese	4785do			
1900	2000		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
1900	2000		Brazil, R Capital	Portuguese	6070do			
1900	2000		Brazil, R Capixaba	Portuguese	4935do			
1900	2000		Brazil, R Clube do Para	Portuguese	4885do			
1900	2000		Brazil, R Congonhas	Portuguese	4775do			
1900	2000		Brazil, R Cultura do Para	Portuguese	5045do			
1900	2000		Brazil, R Cultura Filadelfia	Portuguese	6105do			
1900	2000		Brazil, R Cultura/Araraquara	Portuguese	3365do			
1900	2000		Brazil, R Cultura/Manaus	Portuguese	4845do			
1900	2000		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
1900	2000		Brazil, R Difusora Acreana	Portuguese	4885do			
1900	2000		Brazil, R Difusora Roraima	Portuguese	4875do			
1900	2000		Brazil, R Difusora/Londrina	Portuguese	4815do			
1900	2000		Brazil, R Difusora/Macapa	Portuguese	4915do			
1900	2000		Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1900	2000		Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1900	2000		Brazil, R Educadora/Limeira	Portuguese	2380do			
1900	2000		Brazil, R Gaucha	Portuguese	6020do	11915do		
1900	2000		Brazil, R Gazeta	Portuguese	5955do	9685do		
1900	2000		Brazil, R Guaiba	Portuguese	6000do	11785do		
1900	2000		Brazil, R Guaruja Paulista	Portuguese	5045do			
1900	2000		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1900	2000		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1900	2000		Brazil, R Itatiaia	Portuguese	5970do			
1900	2000		Brazil, R Maria	Portuguese	4885do			
1900	2000		Brazil, R Marumby	Portuguese	6080do	9515do		
1900	2000		Brazil, R Meteorologia Paulista	Portuguese	4845do			
1900	2000		Brazil, R Mundial	Portuguese	3325do			
1900	2000		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1900	2000		Brazil, R Nove de Julho	Portuguese	9820do			
1900	2000		Brazil, R Novo Tempo	Portuguese	4895do			
1900	2000		Brazil, R Record	Portuguese	6150do	9505do		
1900	2000		Brazil, R Rio Mar	Portuguese	6160do	9695do		
1900	2000		Brazil, R Trans Mundial	Portuguese	9530do			
1900	2000		Brazil, R Verdes Florestas	Portuguese	4865do			
1900	2000		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
1900	2000		Brazil, Super R Alvorada	Portuguese	2460do			
1900	2000		Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
1900	2000		Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1900	2000		Canada, CFRX Toronto ON	English	6070na			
1900	2000		Canada, CFVP Calgary AB	English	6030na			
1900	2000		Canada, CKZN St Johns NF	English	6160na			
1900	2000		Canada, CKZU Vancouver BC	English	6160na			
1900	2000		Central African Rep, R Centrafrique	French/Sango	5035do			
1900	2000		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
1900	2000		Chile, CVC La Voz	Spanish	9635sa	17680sa		
1900	2000	DRM	Chile, CVC La Voz	Spanish	17640sa			
1900	2000		China, China R International	Albanian	6020eu	7385eu		
1900	2000		China, China R International	Cantonese	7235eu	11895eu		
1900	2000		China, China R International	Czech	7415eu			
1900	2000		China, China R International	English	7295va	9435af	9440af	
1900	2000		China, China R International	French	5970eu	6055af	7350af	9645af
					11695af			
1900	2000		China, China R International	German	7395eu	11650eu	11775eu	
1900	2000		China, China R International	Portuguese	5985af	7335af	7405af	9535af
					9620af	9765af		
1900	2000		China, China R International	Romanian	6090eu			
1900	2000		China, China R International	Russian	6110eu	7245eu	9525eu	
1900	2000		China, China R International	Turkish	7255me	9655me		
1900	2000		China, Nei Menggu PBS	Chinese	7420do	9520do		
1900	2000		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1900	2000		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
1900	2000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1900	2000		Clandestine, Free North Korea R	Korean	7530as			
1900	2000		Clandestine, Open R for North Korea	Korean	11570as			
1900	2000		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1900	2000		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1900	2000		Colombia, La Voz del Guaviare	Spanish	6035do			
1900	2000		Colombia, R Alcaravan	Spanish	5910do			

1900	2000		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili	6210do			
1900	2000		Croatia, Voice of Croatia	Croatian/various	3985eu			
1900	2000		Cuba, R Havana Cuba	English	11760am			
1900	2000		Cuba, R Rebelde	Spanish	5025na			
1900	2000		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
1900	2000		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1900	2000		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1900	2000		Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1900	2000		Egypt, R Cairo	English	15290af			
1900	2000		Egypt, R Cairo	German	6270eu			
1900	2000		Egypt, R Cairo	Hausa	9990af			
1900	2000		Egypt, R Cairo	Pulaar	17625af			
1900	2000		Egypt, R Cairo	Russian	9280eu			
1900	2000		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
1900	2000		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
1900	2000		Eq Guinea, Pan Am BC/R Africa	English	15190af			
1900	2000		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama	7210do			
1900	2000		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/Oromo/Saho/Bilen	5060do	6170do		
1900	2000		Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali	9710do			
1900	2000		Ethiopia, R Fana	Afar/Amharic/Oromo/Somali	9705do			
1900	2000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6110do	7210do		
1900	2000		France, R France International	French	6170eu	11690eu		
1900	2000		France, R France International	French	9790af	11705af	15300af	21690af
1900	2000	DRM	France, R France International	French	3965af			
1900	2000		Gabon, Africa No. 1	French	9580af			
1900	2000		Germany, AWR Europe	Arabic	11605af	15260af		
1900	2000		Greece, R Stathmos Makedonias	Greek	7450eu			
1900	2000		Greece, Voice of Greece	Greek	9420va	15630eu		
1900	2000		Guatemala, R Verdad	English/Spanish	4055do			
1900	2000		Guinea, R Familia FM	French/Susu/Pular/Maninka	4900do			
1900	2000		Guinea, RTV Guinee	French/vernacular	7125do			
1900	2000		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1900	2000		India, All India R/Bengaluru	English/Hindi/vernaculars	9425do			
1900	2000		Indonesia, VO Indonesia	English	9526va			
1900	2000		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	9715as	12080as
1900	2000		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
1900	2000		Japan, R Japan NHK World	Japanese	9560as	11670va	11910va	11965va
1900	2000		Kuwait, R Kuwait	English	13710va			
1900	2000		Kuwait, R Kuwait/General Svc	English	15540eu			
1900	2000		Malaysia, RTM Kajang/Klasik Nasional	Arabic	6080me	13650na		
1900	2000		Malaysia, RTM Kajang/Traxx FM	Malay	5965do			
1900	2000		Mali, ORTM/R Mali	English	7295do			
1900	2000		Mauritania, R Mauritanie	Arabic/Bambara/English/French	5995do			
1900	2000		Mexico, R Mil Onda Corta	Arabic/French/vernaculars	7245do	4845al		
1900	2000		Mexico, R Transcontinental de America	Spanish	6010do			
1900	2000		Mexico, R Universidad	Spanish	4800do			
1900	2000		Mexico, R Universidad	Spanish	6045do			
1900	2000		Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
1900	2000		Morocco, R Marocaine	English	4755as			
1900	2000		Morocco, R Mediterranee Intl/Medi 1	Arabic	15349af			
1900	2000		Niger, ORTN /La Voix du Sahel	Arabic/French	9575va			
1900	2000		Nigeria, FRCN Abuja	French/Hausa/vernaculars	9705do			
1900	2000		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do			
1900	2000	DRM/mtwhf	Nigeria, Voice of Nigeria	English	15120af			
1900	2000		Oman, R Sultanate of Oman	Arabic	15140va			
1900	2000		Papua New Guinea, R Buka	Tok Pisin	3325do			
1900	2000		Papua New Guinea, R Central	Tok Pisin/English/vernaculars	3290do			
1900	2000		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
1900	2000		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
1900	2000		Papua New Guinea, R Madang	Tok Pisin	3260do			
1900	2000		Papua New Guinea, R Manus	Tok Pisin	3315do			
1900	2000		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
1900	2000		Papua New Guinea, R New Ireland	Tok Pisin	3905do			
1900	2000		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars	3345do			
1900	2000		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1900	2000		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
1900	2000		Papua New Guinea, R Western	Tok Pisin/English	3305do			
1900	2000		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
1900	2000		Peru, La Voz de las Huarinjas	Spanish	5059do			
1900	2000		Peru, Ondas del Huallaga	Spanish	3330do			
1900	2000		Peru, R Bethel	Spanish	5921do			
1900	2000		Peru, R Cusco	Spanish	4780do			
1900	2000		Peru, R del Pacifico	Spanish	4975do	9675do		
1900	2000		Peru, R Horizonte	Spanish	5020do			
1900	2000		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
1900	2000		Peru, R Madre de Dios	Spanish	4950do			
1900	2000		Peru, R Manantial	Spanish/Quechua	4987do			
1900	2000		Peru, R Maranon	Spanish	4835do			
1900	2000		Peru, R Ondas del Sur Oriente	Spanish	5120do			
1900	2000		Peru, R Quillabamba	Spanish/Quechua	5025do			
1900	2000		Peru, R Santa Rosa	Spanish	6047do			

1900	2000		Peru, R Sicuani	Spanish/Quechua	4826do				
1900	2000		Peru, R Tarma	Spanish	4775do				
1900	2000		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
1900	2000		Peru, R Union	Spanish	6115do				
1900	2000		Peru, R Victoria	Spanish	6020do	9720do			
1900	2000		Peru, R Vision	Spanish	4790do				
1900	2000		Russia, R Rossii	Russian	7215eu				
1900	2000		Russia, Voice of Russia	Arabic	7315me	9345me	9900me	12060af	
					12110me				
1900	2000	DRM	Russia, Voice of Russia	English	6155eu				
1900	2000		Russia, Voice of Russia	English	12040eu				
1900	2000		Russia, Voice of Russia	French	12000eu	12050af	15465eu		
1900	2000		Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do				
1900	2000		Saudi Arabia, BSKSA/External Svc	Turkish	9675me				
1900	2000		Saudi Arabia, BSKSA/First General Pgm	Arabic	9555af	9870eu			
1900	2000		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af		
1900	2000		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me				
1900	2000		Solomon Islands, SIBC	English/Pidgin	5020do				
1900	2000		South Africa, R Sonder Grense	Afrikaans	3320do				
1900	2000		South Korea, KBS World R	French	6145eu				
1900	2000		South Korea, 1st Global Korean Netwk	Korean	6015as				
1900	2000	mtwhf	Spain, R Exterior de Espana	Arabic	9570af				
1900	2000	mtwhf	Spain, R Exterior de Espana	English	9665af	11620af			
1900	2000	Sat	Spain, R Exterior de Espana	French	9570af				
1900	2000	Sun	Spain, R Exterior de Espana	French	12015me				
1900	2000		Spain, R Exterior de Espana	Spanish	15110na				
1900	2000	mtwhf	Spain, R Exterior de Espana	Spanish	17850na				
1900	2000	mtwhfa	Spain, R Exterior de Espana	Spanish	11815sa				
1900	2000	Sat	Spain, R Exterior de Espana	Spanish	9765ca				
1900	2000	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa			
1900	2000	Sat/Sun	Spain, R Exterior de Espana	Spanish	9665eu	17755af	17850na		
1900	2000		Spain, R Exterior de Espana	Spanish	7275eu				
1900	2000		Sudan, Sudan R	Arabic	7200do				
1900	2000		Swaziland, TWR Africa	English	3200af				
1900	2000		Syria, R Damascus	French	9330va				
1900	2000		Taiwan, R Taiwan Intl	French	13620eu	15690af			
1900	2000		Taiwan, R Taiwan Intl	German	6185eu				
1900	2000		Tajikistan, R Tojikiston/TR1	Russian	4765as				
1900	2000		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1900	2000		Thailand, R Thailand World Svc	English	7205eu				
1900	2000		Tunisia, RTV/R Tunisia	Arabic	7225eu	7345af	12005me	17735me	
1900	2000		Turkey, Voice of Turkey	Turkish	5960eu	9460va			
1900	2000		Uganda, UBC Radio	English/Swahili/vernaculars	4976do		7195do		
1900	2000		UK, BBC World Service	Arabic	6195me	7375af	9915af	11680af	
					13660va				
1900	2000		UK, BBC World Service	English	3255af	5875me	5950as	6005af	
					6190af	9410af	11810af	12095af	
					15400af	17795as			
1900	2000		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
1900	2000		USA, BBG/R Farda	Farsi	5830as	7575as			
1900	2000		USA, BBG/R Free Asia	Mandarin	5855as	7260as	7355as	7435as	
					9355as	9455as	9875as	9905as	
					11785as	13780as			
1900	2000		USA, BBG/R Free Europe/R Liberty	Belarusian	5995eu	7475eu			
1900	2000		USA, BBG/R Free Europe/R Liberty	Russian	5920eu	7285eu	9840eu		
1900	2000		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	9805as				
1900	2000		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca		
1900	2000		USA, BBG/Voice of America	English	4930af	4940af	6080af	7485me	
					9490me	15580af			
1900	2000		USA, BBG/Voice of America	Korean	5870as	6060as	7365as		
1900	2000		USA, FBN/WTJC Newport NC	English	9370na				
1900	2000		USA, KJES Vado NM	Spanish	15385ca				
1900	2000		USA, Overcomer Ministry	English	9400eu				
1900	2000		USA, WBCQ Monticello ME	English	9330am	15420am			
1900	2000		USA, WEWN/EWTN Irontdale AL	English	15610af				
1900	2000		USA, WEWN/EWTN Irontdale AL	Spanish	12050ca	13830sa			
1900	2000		USA, WHRI Cypress Creek SC	English	9840na	21630af			
1900	2000		USA, WINB Red Lion PA	English	13570am				
1900	2000		USA, WJHR Intl Milton FL	English	15550usb				
1900	2000	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1900	2000		USA, WTWW Lebanon TN	English	9479va				
1900	2000		USA, WTWW Lebanon TN	French	12105va				
1900	2000		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu	
1900	2000		USA, WWRB Manchester TN	English	9385na				
1900	2000		USA, WYFR/Family R Worldwide	Arabic	9590va				
1900	2000		USA, WYFR/Family R Worldwide	English	7395af	9775af	18980eu		
1900	2000		USA, WYFR/Family R Worldwide	French	11840af				
1900	2000		USA, WYFR/Family R Worldwide	Kiswahili	5930af				
1900	2000		USA, WYFR/Family R Worldwide	Portuguese	3955af	6100af			

1900	2000		USA, WYFR/Family R Worldwide	Yoruba	11855af			
1900	2000		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
1900	2000		Vanuatu, R Vanuatu	English/French/Bislama		3945do	5055do	
1900	2000		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1900	2000		Zambia, Christian Voice	English	4965af			
1900	2000		Zambia, CVC Intl/1 Africa	English	13590af			
1900	2000		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1900	2000		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do		
1900	2000		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1905	1920	Sat	Mali, ORTM/R Mali	English	9635do			
1905	1920	f	Swaziland, TWR Africa	Fiote	6130af			
1905	1920	Sun	Swaziland, TWR Africa	Kuanyama	6130af			
1905	1920	w	Swaziland, TWR Africa	Luchazi	6130af			
1905	1920	Sat	Swaziland, TWR Africa	Lunyaneka	6130af			
1905	1920	h	Swaziland, TWR Africa	Luvale	6130af			
1905	1920	mt	Swaziland, TWR Africa	Portuguese	6130af			
1905	1935		Swaziland, TWR Africa	Lingala	9940af			
1920	0200	mtwhf	Moldova, R PMR/Pridnestrovye	German	9665eu			
1920	1930	wh	Vatican City State, Vatican R	Esperanto	3975eu	6075eu	7250eu	9645eu
					13765eu			
1920	1940		Swaziland, TWR Africa	Shangaan	6130af			
1920	1950		Swaziland, TWR Africa	Portuguese	6130af			
1930	1945	smtw	Sweden, IBRA Radio	Moore	11875af			
1930	1945	sm	Sweden, IBRA Radio	Sara Ngambai	12070af			
1930	1945	hfa	Sweden, IBRA Radio	Shuwa	12070af			
1930	1945	hfa	Sweden, IBRA Radio	Tamajeg	11875af			
1930	1945	tw	Sweden, IBRA Radio	Zaghawa	12070af			
1930	1956		Romania, R Romania Intl	Serbian	6125eu			
1930	1957		Germany, Deutsche Welle	English	7365af			
1930	1957		Germany, Deutsche Welle	Portuguese	6150af			
1930	1957		Iran, VO Islamic Rep of Iran	Italian	5910eu	9600eu		
1930	2000	mtwhfa	Albania, R Tirana	German	7465eu			
1930	2000		Austria, AWR Europe	French	15220af			
1930	2000		China, China R International	Esperanto	7265eu	9745eu		
1930	2000		China, China R International	Romanian	7440eu			
1930	2000		Clandestine, R Damal/VO Somali People	Somali	11980af			
1930	2000		Cuba, R Havana Cuba	French	17750eu			
1930	2000		Germany, AWR Europe	Ibo	15205af			
1930	2000		Germany, AWR Europe	Tachelhit	9765af			
1930	2000		Germany, Deutsche Welle	English	11800af			
1930	2000		Germany, Deutsche Welle	Portuguese	11865af	21780af		
1930	2000		Iran, VO Islamic Rep of Iran	English	9540eu	9800eu	11750af	11885af
1930	2000		Iran, VO Islamic Rep of Iran	Russian	6030va	9570eu		
1930	2000		Serbia, International R Serbia	Serbian	6100eu			
1930	2000		South Africa, RTE R Worldwide	English/Irish Gaelic	5820af			
1930	2000		Turkey, Voice of Turkey	French	9535eu	9635va		
1930	2000	smtwha	UK, BBC World Service	Hausa	11660af	15105af		
1930	2000	f	UK, BBC World Service	Hausa	11660af	15105af	17885af	
1930	2000		USA, BBG/VOA/R Ashna	Dari	7555as	9335as		
1930	2000		USA, BBG/Voice of America	French	9815af	17530af		
1930	2000	Sat	USA, Pan Amer Broadcasting	English	9515af			
1930	2000		Vatican City State, Vatican R	French	3975eu	6075eu	6075eu	7250eu
					9645eu			
1930	2000		Vietnam, VO Vietnam/Overseas Svc	French	7280eu	9730eu		
1930	2000		Vietnam, VO Vietnam/Overseas Svc	German	9430eu			
1935	1950		Swaziland, TWR Africa	French	9940af			
1945	2000		India, All India R/External Svc	French	9445af	9620af	13640af	
1945	2000		India, All India R/External Svc	Hindi	7550eu	11670eu		
1945	2000	DRM	India, All India R/External Svc	Hindi	9950eu			
1945	2000	smt	Sweden, IBRA Radio	Bambara	11875af			
1945	2000	wh	Sweden, IBRA Radio	Malinke	11875af			
1945	2000	fa	Sweden, IBRA Radio	Sousou	11875af			
1945	2000	DRM	Vatican City State, Vatican R	English	9800am			
1950	2000	Sat	Swaziland, TWR Africa	French	9940af			
1950	2000		Swaziland, TWR Africa	Kimbundu	6130af			
1950	2000		Vatican City State, Vatican R	English	3975eu	6075eu	7250eu	9645eu
1951	2000		New Zealand, R New Zealand Intl	English	11725pa			
1951	2000	DRM	New Zealand, R New Zealand Intl	English	15720pa			
1958	2000		Indonesia, RRI Serui	Indonesian	4605do			

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2000	0230	mtwhf	Moldova, R PMR/Pridnestrovye	Russian	9665eu			
2000	2005		Swaziland, TWR Africa	Kimbundu	6130af			
2000	2010		Congo Dem Rep, R Kahuzi	French/English/Lingala/Swahili		6210do		
2000	2010		Tunisia, RTV/R Tunisia	Arabic	12005me	17735me		
2000	2015		Germany, R Dardasha 7	Arabic	5930me			
2000	2015		Thailand, R Thailand World Svc	German	9680eu			
2000	2020	Sat	Swaziland, TWR Africa	French	9940af			

2000	2025		Turkey, Voice of Turkey	French	9535eu	9635va		
2000	2026	DRM	Romania, R Romania Intl	French	9700eu			
2000	2026		Romania, R Romania Intl	French	11970eu			
2000	2027		Iran, VO Islamic Rep of Iran	English	9540eu	9800eu	11750af	11885af
2000	2027		Iran, VO Islamic Rep of Iran	Russian	6030va	9570eu		
2000	2030	mtwhfa	Albania, R Tirana	English	7465eu			
2000	2030		Australia, ABC/R Australia	English	6080pa	9500pa		
2000	2030		Austria, AWR Europe	Dyula	11955af			
2000	2030		China, China R International	Esperanto	7265eu	9745eu		
2000	2030		China, China R International	French	7350af	9645af		
2000	2030		China, China R International	Serbian	7325eu	7355eu	7390eu	9585eu
2000	2030	Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as			
2000	2030	Sat	Clandestine, JSR/Shiokaze/Sea Breeze	Korean	5910as			
2000	2030		Cuba, R Havana Cuba	French	11760am			
2000	2030		Cuba, R Havana Cuba	Portuguese	17750eu			
2000	2030		Egypt, R Cairo	English	15290af			
2000	2030		Germany, AWR Europe	French	9765af	17610af		
2000	2030		India, All India R/External Svc	French	9445af	9620af	13640af	
2000	2030		Iran, VO Islamic Rep of Iran	Arabic	9715as			
2000	2030	smtwhf	Serbia, International R Serbia	German	6100eu			
2000	2030	Sat	Serbia, International R Serbia	Serbian	6100eu			
2000	2030	Sat	Swaziland, TWR Africa	English	3200af			
2000	2030	f	UK, BBC World Service	Hausa	11660af	15105af	17885af	
2000	2030		USA, BBG/VOA/R Ashna	Dari	7555as	9335as		
2000	2030		USA, BBG/Voice of America	English	4930af	6080af		
2000	2030		USA, BBG/Voice of America	French	9815af	17530af		
2000	2030		Vatican City State, Vatican R	English	7365af	9755af	11625af	
2000	2030		Vatican City State, Vatican R	Russian	9775as	11850as		
2000	2030		Vietnam, VO Vietnam/Overseas Svc	German	9430eu			
2000	2030		Vietnam, VO Vietnam/Overseas Svc	Russian	7280eu	9730eu		
2000	2045		India, All India R/External Svc	Hindi	7550eu	11670eu		
2000	2045	DRM	India, All India R/External Svc	Hindi	9950eu			
2000	2050		North Korea, Korean Central BC Sta	Korean	7210as	9325eu	9975va	11535va
					12015eu			
2000	2055		Saudi Arabia, BSKSA/External Svc	Turkish	9675me			
2000	2055		Turkey, Voice of Turkey	Turkish	5960eu	9460va		
2000	2057		Germany, Deutsche Welle	English	9490af			
2000	2057		North Korea, Voice of Korea	French	13760eu	15245eu		
2000	2100		Angola, Angolan National R	French	7217af			
2000	2100		Anguilla, University Network	English	11775na			
2000	2100	mtwhf	Argentina, RAE	French	15345eu			
2000	2100	Sat/Sun	Argentina, RAE	Spanish	6060am	15345eu		
2000	2100		Australia, ABC NT Alice Springs	English	2310do			
2000	2100		Australia, ABC NT Katherine	English	2485do			
2000	2100		Australia, ABC NT Tennant Creek	English	2325do			
2000	2100		Australia, ABC/R Australia	English	9580pa	11650pa	11660pa	12080pa
					15515pa			
2000	2100		Bahrain, R Bahrain	Arabic	9745me			
2000	2100		Bahrain, R Bahrain	English	6010me			
2000	2100		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
2000	2100	DRM	Belarus, R Belarus	English	7255eu	11730eu		
2000	2100		Belgium, The Disco Palace	English	17875na			
2000	2100		Benin, ORTB	French/Yoruba/vernaculars		5025do		
2000	2100		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
2000	2100		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
2000	2100		Bolivia, R Lipez	Spanish/Aymara	4796do			
2000	2100		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
2000	2100		Bolivia, R San Miguel	Spanish	4699do			
2000	2100		Bolivia, R Santa Ana	Spanish	4451do			
2000	2100		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
2000	2100		Bolivia, R Tacana	Spanish	4782do			
2000	2100		Brazil, Educadora/Braganca	Portuguese	4825do			
2000	2100		Brazil, R Alvorada/Londrina	Portuguese	4865do			
2000	2100		Brazil, R Anhanguera	Portuguese	4905do			
2000	2100		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
2000	2100		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
2000	2100		Brazil, R Boa Vontade	Portuguese	6160do	9550do		
2000	2100		Brazil, R Brasil Central	Portuguese	4985do	11815do		
2000	2100		Brazil, R Caiari	Portuguese	4785do			
2000	2100		Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
2000	2100		Brazil, R Capital	Portuguese	6070do			
2000	2100		Brazil, R Capixaba	Portuguese	4935do			
2000	2100		Brazil, R Clube do Para	Portuguese	4885do			
2000	2100		Brazil, R Congonhas	Portuguese	4775do			
2000	2100		Brazil, R Cultura do Para	Portuguese	5045do			
2000	2100		Brazil, R Cultura Filadelfia	Portuguese	6105do			
2000	2100		Brazil, R Cultura/Araraquara	Portuguese	3365do			
2000	2100		Brazil, R Cultura/Manaus	Portuguese	4845do			
2000	2100		Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
2000	2100		Brazil, R Difusora Acreana	Portuguese	4885do			

2000	2100	Brazil, R Difusora do Amazonas	Portuguese	4805do				
2000	2100	Brazil, R Difusora Roraima	Portuguese	4875do				
2000	2100	Brazil, R Difusora/Londrina	Portuguese	4815do				
2000	2100	Brazil, R Difusora/Macapá	Portuguese	4915do				
2000	2100	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
2000	2100	Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
2000	2100	Brazil, R Educadora Rural/Tefe	Portuguese	4925do				
2000	2100	Brazil, R Educadora/Limeira	Portuguese	2380do				
2000	2100	Brazil, R Gaucha	Portuguese	6020do	11915do			
2000	2100	Brazil, R Gazeta	Portuguese	5955do	9685do			
2000	2100	Brazil, R Guaiba	Portuguese	6000do	11785do			
2000	2100	Brazil, R Guarujá Paulista	Portuguese	5045do				
2000	2100	Brazil, R Imaculada Conceicao	Portuguese	4755do				
2000	2100	Brazil, R Inconfidencia	Portuguese	6010do	15190do			
2000	2100	Brazil, R Itatiaia	Portuguese	5970do				
2000	2100	Brazil, R Maria	Portuguese	4885do				
2000	2100	Brazil, R Marumby	Portuguese	6080do	9515do			
2000	2100	Brazil, R Meteorologia Paulista	Portuguese	4845do				
2000	2100	Brazil, R Mundial	Portuguese	3325do				
2000	2100	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do			
2000	2100	Brazil, R Nove de Julho	Portuguese	9820do				
2000	2100	Brazil, R Novo Tempo	Portuguese	4895do				
2000	2100	Brazil, R Record	Portuguese	6150do	9505do			
2000	2100	Brazil, R Rio Mar	Portuguese	6160do	9695do			
2000	2100	Brazil, R Verdes Florestas	Portuguese	4865do				
2000	2100	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
2000	2100	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
2000	2100	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do		
2000	2100	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do				
2000	2100	Canada, CFRX Toronto ON	English	6070na				
2000	2100	Canada, CFVP Calgary AB	English	6030na				
2000	2100	Canada, CKZN St Johns NF	English	6160na				
2000	2100	Canada, CKZU Vancouver BC	English	6160na				
2000	2100	Central African Rep, R Centrafrique	French/Sango	5035do				
2000	2100	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al	
2000	2100	Chile, CVC La Voz	Spanish	9635sa	17680sa			
2000	2100	China, China R International	Arabic	6100va	6185va	7215va		
2000	2100	China, China R International	Chinese	7245eu	7335eu	7405af	7440eu	
				9865me				
2000	2100	China, China R International	English	5960eu	5985af	7285eu	7295va	
				7415eu	9440af	9600eu		
2000	2100	China, China R International	Polish	6020eu	6145eu	7305eu		
2000	2100	China, China R International	Russian	7255eu	9525eu			
2000	2100	China, Nei Menggu PBS	Chinese	7420do	9520do			
2000	2100	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
2000	2100	China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
				7450do				
2000	2100	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
2000	2100	Clandestine, Free North Korea R	Korean	7530as				
2000	2100	Clandestine, JSR/Shiokaze/Sea Breeze	English	5910as				
2000	2100	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as				
2000	2100	Clandestine, R Biafra London	English/Igdo	11870af				
2000	2100	Clandestine, R Damal/VO Somali People	Somali	11980af				
2000	2100	Clandestine, R Free Chosun	Korean	7505as				
2000	2100	Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13130as	13350as	
				13850as	14700as	15900as	15940as	
				16100as				
2000	2100	Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
				6518as	6600as			
2000	2100	Colombia, La Voz de tu Conciencia	Spanish	6010do				
2000	2100	Colombia, La Voz del Guaviare	Spanish	6035do				
2000	2100	Colombia, R Alcaravan	Spanish	5910do				
2000	2100	Croatia, Voice of Croatia	Croatian/various	3985eu				
2000	2100	Cuba, R Rebelde	Spanish	5025na				
2000	2100	Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
2000	2100	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
2000	2100	Dominican Rep, R Amanecer Intl	Spanish	6025do				
2000	2100	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2000	2100	Egypt, R Cairo	Arabic	9855pa				
2000	2100	Egypt, R Cairo	French	6270eu				
2000	2100	Egypt, R Cairo	Hausa	9990af				
2000	2100	Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do				
2000	2100	Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do				
2000	2100	Eq Guinea, Pan Am BC/R Africa	English	15190af				
2000	2100	Ethiopia, R Ethiopia/Natl Pgm	Amharic/Oromo/Tigre/Somali		9705do			
2000	2100	Ethiopia, R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
2000	2100	1st Sat Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu			
2000	2100	France, R France International	French	7205af	9790af	21690af		
2000	2100	Gabon, Africa No. 1	French	9580af				
2000	2100	Germany, AWR Europe	Arabic	11605af				

2000	2100	Germany, Deutsche Welle	English	6150af	11800af		
2000	2100	Greece, R Stathmos Makedonias	Greek	7450eu			
2000	2100	Greece, Voice of Greece	Greek	9420va	15630eu		
2000	2100	Guatemala, R Verdad	English/Spanish	4055do			
2000	2100	Guinea, R Familia FM	French/Susu/Pular/Maninka		4900do		
2000	2100	Guinea, RTV Guinee	French/vernacular	7125do			
2000	2100	Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
2000	2100	India, All India R/Aligarh	English/Hindi	9470do			
2000	2100	India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
2000	2100	Indonesia, RRI Fak Fak	Indonesian	4790do			
2000	2100	Indonesia, RRI Serui	Indonesian	4605do			
2000	2100	Indonesia, RRI Ternate	Indonesian	3345do			
2000	2100	Indonesia, RRI Wamena	Indonesian	4870do			
2000	2100	Indonesia, VO Indonesia	French	9526va			
2000	2100	Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
2000	2100	Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
2000	2100	Japan, R Japan NHK World	Japanese	9560as	9625pa	11670va	11725va
				11910va	11965va		
2000	2100	Kuwait, R Kuwait	English	15540eu			
2000	2100	Kuwait, R Kuwait/General Svc	Arabic	6080me	17550na		
2000	2100	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2000	2100	Malaysia, RTM Kajang/Traxx FM	English	7295do			
2000	2100	Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2000	2100	Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
2000	2100	Mexico, R Mil Onda Corta	Spanish	6010do			
2000	2100	Mexico, R Transcontinental de America	Spanish	4800do			
2000	2100	Mexico, R Universidad	Spanish	6045do			
2000	2100	Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
2000	2100	Morocco, R Marocaine	Arabic	15349af			
2000	2100	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
2000	2100	DRM New Zealand, R New Zealand Intl	English	15720pa			
2000	2100	DRM New Zealand, R New Zealand Intl	English	11725pa			
2000	2100	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2000	2100	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2000	2100	Nigeria, Voice of Nigeria	French	7255af			
2000	2100	Oman, R Sultanate of Oman	Arabic	15140va			
2000	2100	Papua New Guinea, R Buka	Tok Pisin	3325do			
2000	2100	Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
2000	2100	Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
2000	2100	Papua New Guinea, R East Sepik	Tok Pisin	3335do			
2000	2100	Papua New Guinea, R Fly	Tok Pisin/English	3915do			
2000	2100	Papua New Guinea, R Madang	Tok Pisin	3260do			
2000	2100	Papua New Guinea, R Manus	Tok Pisin	3315do			
2000	2100	Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
2000	2100	Papua New Guinea, R New Ireland	Tok Pisin	3905do			
2000	2100	Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do		
2000	2100	Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2000	2100	Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
2000	2100	Papua New Guinea, R Western	Tok Pisin/English	3305do			
2000	2100	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
2000	2100	Peru, La Voz de las Huarinjas	Spanish	5059do			
2000	2100	Peru, Ondas del Huallaga	Spanish	3330do			
2000	2100	Peru, R Bethel	Spanish	5921do			
2000	2100	Peru, R Cusco	Spanish	4780do			
2000	2100	Peru, R del Pacifico	Spanish	4975do	9675do		
2000	2100	Peru, R Horizonte	Spanish	5020do			
2000	2100	Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
2000	2100	Peru, R Madre de Dios	Spanish	4950do			
2000	2100	Peru, R Manantial	Spanish/Quechua	4987do			
2000	2100	Peru, R Maranon	Spanish	4835do			
2000	2100	Peru, R Ondas del Sur Oriente	Spanish	5120do			
2000	2100	Peru, R Quillabamba	Spanish/Quechua	5025do			
2000	2100	Peru, R Santa Rosa	Spanish	6047do			
2000	2100	Peru, R Sicuani	Spanish/Quechua	4826do			
2000	2100	Peru, R Tarma	Spanish	4775do			
2000	2100	Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
2000	2100	Peru, R Union	Spanish	6115do			
2000	2100	Peru, R Victoria	Spanish	6020do	9720do		
2000	2100	Peru, R Vision	Spanish	4790do			
2000	2100	Russia, R Rossii	Russian	7215eu			
2000	2100	DRM Russia, Voice of Russia	Arabic	7315me	9895me	12060af	12110me
2000	2100	DRM Russia, Voice of Russia	English	6155eu			
2000	2100	DRM Russia, Voice of Russia	English	12040eu			
2000	2100	DRM Russia, Voice of Russia	French	11635af	12000af		
2000	2100	DRM Russia, Voice of Russia	Spanish	5920eu			
2000	2100	Rwanda, R Rep Rwandaise	English/French/Kinyarwanda/Swahili	6055do			
2000	2100	Saudi Arabia, BSKSA/First General Pgm	Arabic	9555af	9870eu		
2000	2100	Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af	
2000	2100	Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me			
2000	2100	Solomon Islands, SIBC	English/Pidgin	5020do			

2000	2100		South Africa, CVC 1 Africa R	English	9505af	13590af		
2000	2100		South Africa, R Sonder Grense	Afrikaans	3320do			
2000	2100		South Korea, KBS World R	Arabic	13585af			
2000	2100		South Korea, KBS World R	French	5950eu			
2000	2100		South Korea, KBS World R	German	3955eu			
2000	2100		South Korea, 1st Global Korean Netwk	Korean	6015as			
2000	2100		Spain, R Exterior de Espana	Arabic	9570af			
2000	2100	mtwhf	Spain, R Exterior de Espana	French	9690me	11620af		
2000	2100	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa		
2000	2100	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa		
2000	2100	Sat/Sun	Spain, R Exterior de Espana	Spanish	9665eu	17755af	17850na	
2000	2100		Spain, R Exterior de Espana	Spanish	7275eu	15110na		
2000	2100		Sudan, Sudan R	Arabic	7200do			
2000	2100		Taiwan, R Taiwan Intl	Spanish	3965eu			
2000	2100		Tajikistan, R Tojikiston/TR1	Russian	4765as			
2000	2100		Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do			
2000	2100		Tunisia, RTV/R Tunisia	Arabic	7225eu	7345af		
2000	2100		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
2000	2100		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
2000	2100		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
2000	2100		UK, BBC World Service	Arabic	5790af	6195me	7375af	9915af
					11680af	13660me		
2000	2100		UK, BBC World Service	English	3255af	6005af	6190af	9410af
					9855af	11810af	12095af	15400af
2000	2100		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	
2000	2100		USA, BBG/R Farda	Farsi	5830as	7575as		
2000	2100		USA, BBG/R Free Asia	Mandarin	5855as	6140as	7260as	7355as
					7435as	9355as	9455as	9905as
					11785as			
2000	2100		USA, BBG/R Free Europe/R Liberty	Belarusian	5995eu	7475eu		
2000	2100		USA, BBG/R Free Europe/R Liberty	Russian	7285eu			
2000	2100		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca	
2000	2100	mtwhf	USA, BBG/Voice of America	English	4930af	7485me	15580af	
2000	2100		USA, BBG/Voice of America	English	9480me			
2000	2100		USA, BBG/Voice of America	Korean	5870as	6060as	7365as	
2000	2100		USA, FBN/WTJC Newport NC	English	9370na			
2000	2100		USA, Overcomer Ministry	English	9400eu			
2000	2100		USA, WBCQ Monticello ME	English	7490am	9330am	15420am	
2000	2100		USA, WEWN/EWTN Irondale AL	English	15610af			
2000	2100	mtwhfa	USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830sa		
2000	2100		USA, WHRI Cypress Creek SC	English	21630af			
2000	2100		USA, WHRI Cypress Creek SC	English	17510va			
2000	2100		USA, WINB Red Lion PA	English	13570am			
2000	2100		USA, WJHR Intl Milton FL	English	15550usb			
2000	2100	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
2000	2100		USA, WTWW Lebanon TN	English	9479va			
2000	2100		USA, WTWW Lebanon TN	French	12105va			
2000	2100		USA, WWCR Nashville TN	English	9980af	12160af	13845eu	15825eu
2000	2100		USA, WWRB Manchester TN	English	9385na			
2000	2100		USA, WYFR/Family R Worldwide	Arabic	6115va			
2000	2100		USA, WYFR/Family R Worldwide	English	15195af			
2000	2100		USA, WYFR/Family R Worldwide	French	9595af			
2000	2100		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
2000	2100		Zambia, Christian Voice	English	4965af			
2000	2100		Zambia, CVC Intl/1 Africa	English	9505as			
2000	2100		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
2000	2100		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do		
2000	2100		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
2000	2130		China, China R International	Italian	7265eu	7345eu		
2005	2020	Sun	Swaziland, TWR Africa	Portuguese	6130af			
2020	2040		Vatican City State, Vatican R	Spanish	3975eu	7250eu	9645eu	
2030	2045		Germany, R Dardasha 7	Arabic	9515af			
2030	2045		Thailand, R Thailand World Svc	English	9680eu			
2030	2056	DRM	Romania, R Romania Intl	English	9700eu			
2030	2056		Romania, R Romania Intl	English	11880na	13800na	15220na	
2030	2100		Australia, ABC/R Australia	English	9500pa	11695as	12080pa	
2030	2100		Austria, AWR Europe	French	15155af			
2030	2100		China, China R International	Bulgarian	9720eu	11940eu		
2030	2100		China, China R International	French	7320eu	9430eu	11660eu	
2030	2100		China, China R International	Hungarian	7390eu	9585eu		
2030	2100		China, China R International	Italian	7265eu	7345eu		
2030	2100	Sat	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as			
2030	2100	Sat	Clandestine, JSR/Shiokaze/Sea Breeze	Korean	5910as			
2030	2100		Cuba, R Havana Cuba	Arabic	17750eu			
2030	2100		Egypt, R Cairo	French	15210af			
2030	2100		Germany, AWR Europe	Yoruba	11755af			
2030	2100		Iran, VO Islamic Rep of Iran	Albanian	6090eu	9830eu		
2030	2100		Iran, VO Islamic Rep of Iran	Spanish	6055sa	7355sa	9790sa	
2030	2100		Japan, R Japan NHK World	French	11850af			

2030	2100	mtwhf	Moldova, R PMR/Pridnestrovye	English	9665eu				
2030	2100		Serbia, International R Serbia	French	6100eu				
2030	2100		Turkey, Voice of Turkey	English	7205va				
2030	2100		USA, BBG/Voice of America	English	6080af	7555as			
2030	2100	Sat/Sun	USA, BBG/Voice of America	English	4940af				
2030	2100	Sun	USA, BBG/Voice of America	French	9885af	15730af			
2030	2100	Sat	USA, BBG/Voice of America	Hausa	6040af	9885af	15730af		
2030	2100	mtwhf	USA, BBG/Voice of America	Hausa	4940af	6040af	7310af	9810af	
					11830af				
					17650as				
2030	2100		USA, WYFR/Family R Worldwide	Marathi	17650as				
2030	2100		Vatican City State, Vatican R	French	7365af	9755af	11625af		
2030	2100		Vietnam, VO Vietnam/Overseas Svc	English	7220me	7280eu	9730me	9730eu	
2030	2100		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	11840eu				
2040	2100		Vatican City State, Vatican R	Arabic	3975va	7250va	9645va		
2045	2100		India, All India R/External Svc	English	7550eu	9445eu	9910pa	11620pa	
					11670eu	11715pa			
2045	2100	DRM	India, All India R/External Svc	English	9950eu				
2045	2100		Thailand, R Thailand World Svc	Thai	9680eu				
2055	2100		China, CNR/VO Minorities/CNR8	Korean	5935do	5975do			
2055	2100		China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	7620do	9665do		

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2100	2105		Uganda, UBC Radio	English/Swahili/vernaculars	4976do				
2100	2110		Tunisia, RTV/R Tunisia	Arabic	7225af				
2100	2115		Ecuador, HCJB/LV de los Andes	Tachelhit	12025af				
2100	2115		Egypt, R Cairo	French	6270eu				
2100	2115		Thailand, R Thailand World Svc	Thai	9680eu				
2100	2125		Turkey, Voice of Turkey	English	7205va				
2100	2127		Iran, VO Islamic Rep of Iran	Albanian	6090eu	9830eu			
2100	2127		Iran, VO Islamic Rep of Iran	Spanish	6055sa	7355sa	9790sa		
2100	2130		Australia, ABC NT Alice Springs	English	2310do				
2100	2130		Australia, ABC NT Katherine	English	2485do				
2100	2130		Australia, ABC NT Tennant Creek	English	2325do				
2100	2130		Austria, AWR Europe	English	11955af				
2100	2130	Sat	Canada, CBC Northern Quebec Svc	English	9625na				
2100	2130		China, China R International	Albanian	6145eu				
2100	2130		China, China R International	French	7320eu				
2100	2130		China, China R International	Serbian	7325eu	7445eu			
2100	2130		Clandestine, R Damal/VO Somali People	Somali	11980af				
2100	2130	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2100	2130	mtwhf	Moldova, R PMR/Pridnestrovye	French	9665eu				
2100	2130		Russia, Voice of Russia	Serbo-Croatian	9470eu				
2100	2130		Serbia, International R Serbia	English	6100eu				
2100	2130		South Korea, KBS World R	English	3955eu				
2100	2130		USA, BBG/R Farda	Farsi	5830as				
2100	2130	mtwhf	USA, BBG/Voice of America	French	9590af	9815af	11900af		
2100	2130		USA, WYFR/Family R Worldwide	Marathi	17650as				
2100	2130		Vietnam, VO Vietnam/Overseas Svc	French	7220me	7280eu	9550me	9730eu	
2100	2130		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	11840eu				
2100	2150		New Zealand, R New Zealand Intl	English	11725pa				
2100	2150	DRM	New Zealand, R New Zealand Intl	English	15720pa				
2100	2150		North Korea, Voice of Korea	Japanese	9650as	11865as			
2100	2155		Saudi Arabia, BSKSA/Second General Pgm	Arabic	9580me				
2100	2156		Romania, R Romania Intl	Spanish	17745sa	21510sa			
2100	2157		Iran, VO Islamic Rep of Iran	Japanese	11765as	13710as			
2100	2157		North Korea, Voice of Korea	Chinese	7235as	9345as	9975as	11535as	
2100	2157		North Korea, Voice of Korea	English	13760eu	15245eu			
2100	2200		Angola, Angolan National R	English	7217af				
2100	2200		Anguilla, University Network	English	11775na				
2100	2200	mtwhf	Argentina, RAE	German	15345eu				
2100	2200	Sat/Sun	Argentina, RAE	Spanish	6060am	15345eu			
2100	2200		Australia, ABC/R Australia	English	9500pa	11695as	13630pa	15515pa	
					11650pa	12080pa	21740pa		
					9745me				
2100	2200		Bahrain, R Bahrain	English	6010me				
2100	2200		Belarus, R Belarus	English	7255eu	11730eu			
2100	2200		Benin, ORTB	French/Yoruba/vernaculars	5025do				
2100	2200		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
2100	2200		Bolivia, R Em Camargo	Spanish/Aymara	3390do				
2100	2200		Bolivia, R Fides	Spanish/Aymara	6155do				
2100	2200		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
2100	2200		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
2100	2200		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
2100	2200		Bolivia, R Panamericana	Spanish	5765do	6105do			
2100	2200		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
2100	2200		Bolivia, R San Jose	Spanish	5580do				
2100	2200		Bolivia, R San Miguel	Spanish	4699do				
2100	2200		Bolivia, R Santa Ana	Spanish	4451do				

2100	2200	Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
2100	2200	Bolivia, R Tacana	Spanish	4782do			
2100	2200	Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
2100	2200	Brazil, Educadora/Braganca	Portuguese	4825do			
2100	2200	Brazil, Iguatemi	Portuguese	4975do			
2100	2200	Brazil, R Alvorada/Londrina	Portuguese	4865do			
2100	2200	Brazil, R Anhanguera	Portuguese	4905do			
2100	2200	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
2100	2200	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
2100	2200	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
2100	2200	Brazil, R Brasil	Portuguese	4785do			
2100	2200	Brazil, R Brasil Central	Portuguese	4985do	11815do		
2100	2200	Brazil, R Caiari	Portuguese	4785do			
2100	2200	Brazil, R Capital	Portuguese	6070do			
2100	2200	Brazil, R Capixaba	Portuguese	4935do			
2100	2200	Brazil, R Clube do Para	Portuguese	4885do			
2100	2200	Brazil, R Congonhas	Portuguese	4775do			
2100	2200	Brazil, R Cultura do Para	Portuguese	5045do			
2100	2200	Brazil, R Cultura Filadelfia	Portuguese	6105do			
2100	2200	Brazil, R Cultura/Araraquara	Portuguese	3365do			
2100	2200	Brazil, R Cultura/Manaus	Portuguese	4845do			
2100	2200	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
2100	2200	Brazil, R Difusora Acreana	Portuguese	4885do			
2100	2200	Brazil, R Difusora do Amazonas	Portuguese	4805do			
2100	2200	Brazil, R Difusora Roraima	Portuguese	4875do			
2100	2200	Brazil, R Difusora/Caceres	Portuguese	5055do			
2100	2200	Brazil, R Difusora/Londrina	Portuguese	4815do			
2100	2200	Brazil, R Difusora/Macapá	Portuguese	4915do			
2100	2200	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
2100	2200	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
2100	2200	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
2100	2200	Brazil, R Educadora/Limeira	Portuguese	2380do			
2100	2200	Brazil, R Gaucha	Portuguese	6020do	11915do		
2100	2200	Brazil, R Gazeta	Portuguese	5955do	9685do		
2100	2200	Brazil, R Guaiba	Portuguese	6000do	11785do		
2100	2200	Brazil, R Guarujá Paulista	Portuguese	5045do			
2100	2200	Brazil, R Guarujá/Florianopolis	Portuguese	5980do			
2100	2200	Brazil, R Imaculada Conceicao	Portuguese	4755do			
2100	2200	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
2100	2200	Brazil, R Itatiaia	Portuguese	5970do			
2100	2200	Brazil, R Maria	Portuguese	4885do			
2100	2200	Brazil, R Marumby	Portuguese	6080do			
2100	2200	Brazil, R Meteorologia Paulista	Portuguese	4845do			
2100	2200	Brazil, R Mundial	Portuguese	3325do			
2100	2200	Brazil, R Municipal	Portuguese	3375do			
2100	2200	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
2100	2200	Brazil, R Nove de Julho	Portuguese	9820do			
2100	2200	Brazil, R Novo Tempo	Portuguese	4895do			
2100	2200	Brazil, R Record	Portuguese	6150do	9505do		
2100	2200	Brazil, R Verdes Florestas	Portuguese	4865do			
2100	2200	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
2100	2200	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars	4925do			
2100	2200	Brazil, Super R Alvorada	Portuguese	2460do			
2100	2200	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
2100	2200	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
2100	2200	Canada, CFRX Toronto ON	English	6070na			
2100	2200	Canada, CFPV Calgary AB	English	6030na			
2100	2200	Canada, CKZN St Johns NF	English	6160na			
2100	2200	Canada, CKZU Vancouver BC	English	6160na			
2100	2200	Central African Rep, R Centrafrique	French/Sango	5035do			
2100	2200	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
2100	2200	Chile, CVC La Voz	Spanish	9635sa	17680sa		
2100	2200	China, China R International	Arabic	6100va	6185va	7215va	
2100	2200	China, China R International	Croatian	6135eu	7225eu		
2100	2200	China, China R International	English	5960eu	7205af	7285eu	7325af
				7415eu	9600eu		
2100	2200	China, China R International	French	9430eu	11660eu		
2100	2200	China, China R International	Korean	7290as			
2100	2200	China, China R International	Spanish	7335eu	9640eu		
2100	2200	China, CNR/VO Minorities/CNR8	Korean	5935do	5975do		
2100	2200	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	7620do	9665do	
2100	2200	China, Nei Menggu PBS	Chinese	7420do	9520do		
2100	2200	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
2100	2200	China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
				7450do			
2100	2200	China, Tibet PBS	Tibetan	7255do	7385do		
2100	2200	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
2100	2200	Clandestine, Open R for North Korea	Korean	7480as			

2100	2200		Clandestine, Sound of Hope R Intl	Chinese	11970as 13850as 16100as	12980as 14700as	13130as 15900as	13350as 15940as
2100	2200		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
2100	2200		Colombia, La Voz de tu Conciencia	Spanish	6010do			
2100	2200		Colombia, La Voz del Guaviare	Spanish	6035do			
2100	2200		Colombia, R Alcaravan	Spanish	5910do			
2100	2200		Croatia, Voice of Croatia	Croatian/various	3985eu			
2100	2200		Cuba, R Havana Cuba	Spanish	5040va 17750sa	9710ca	17705sa	17750eu
2100	2200		Cuba, R Rebelde	Spanish	5025na			
2100	2200		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
2100	2200		Dominican Rep, R Amanecer Intl	Spanish	6025do			
2100	2200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
2100	2200		Egypt, R Cairo	Arabic	9855pa			
2100	2200		Egypt, R Cairo	French	15210af			
2100	2200		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
2100	2200		Eq Guinea, R Nacional/Malabo	Spanish/vernaculars	6250do			
2100	2200		Eq Guinea, Pan Am BC/R Africa	English	15190af			
2100	2200	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11720eu		
2100	2200		France, R France International	French	7205af	21690af		
2100	2200		Gabon, Africa No. 1	French	9580af			
2100	2200		Germany, Deutsche Welle	English	11800af	11830af	11865af	
2100	2200		Greece, R Stathmos Makedonias	Greek	7450eu			
2100	2200		Greece, Voice of Greece	Greek	9420va	15630eu		
2100	2200		Guatemala, R Verdad	English/Spanish	4055do			
2100	2200		Guinea, R Familia FM	French/Susu/Pular/Maninka		4900do		
2100	2200		Guinea, RTV Guinee	French/vernacular	7125do			
2100	2200		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
2100	2200		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
2100	2200		Honduras, R Luz y Vida	Spanish	3250do			
2100	2200		India, All India R/Aligarh	English/Hindi	9470do			
2100	2200		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
2100	2200		India, All India R/External Svc	English	7550eu 11670eu	9445eu 11715pa	9910pa	11620pa
2100	2200	DRM	India, All India R/External Svc	English	9950eu			
2100	2200	Sat	Indonesia, AWR Asia/Pacific	Cantonese	11750as			
2100	2200	Sun	Indonesia, AWR Asia/Pacific	Cantonese	15420as			
2100	2200	mtwhfs	Indonesia, AWR Asia/Pacific	Chinese	11750as	15420as		
2100	2200		Indonesia, AWR Asia/Pacific	Korean	11790as			
2100	2200		Indonesia, RRI Fak Fak	Indonesian	4790do			
2100	2200		Indonesia, RRI Kendari	Indonesian	3995do			
2100	2200		Indonesia, RRI Makassar	Indonesian	4750do			
2100	2200		Indonesia, RRI Serui	Indonesian	4605do			
2100	2200		Indonesia, RRI Ternate	Indonesian	3345do			
2100	2200		Indonesia, RRI Wamena	Indonesian	4870do			
2100	2200		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
2100	2200		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
2100	2200		Japan, R Japan NHK World	Japanese	9560as 11965va	11670va	11725va	11910as
2100	2200		Kuwait, R Kuwait/General Svc	Arabic	6080me	17550na		
2100	2200		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2100	2200		Malaysia, RTM Kajang/Traxx FM	English	7295do			
2100	2200		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2100	2200		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
2100	2200		Mexico, R Mil Onda Corta	Spanish	6010do			
2100	2200		Mexico, R Transcontinental de America	Spanish	4800do			
2100	2200		Mexico, R Universidad	Spanish	6045do			
2100	2200		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
2100	2200		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
2100	2200		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2100	2200		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2100	2200		Nigeria, Voice of Nigeria	Fulfulde	7255af			
2100	2200		Oman, R Sultanate of Oman	Arabic	15140va			
2100	2200		Papua New Guinea, R Buka	Tok Pisin	3325do			
2100	2200		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
2100	2200		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
2100	2200		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
2100	2200		Papua New Guinea, R Madang	Tok Pisin	3260do			
2100	2200		Papua New Guinea, R Manus	Tok Pisin	3315do			
2100	2200		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
2100	2200		Papua New Guinea, R New Ireland	Tok Pisin	3905do			
2100	2200		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars		3345do		
2100	2200		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2100	2200		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
2100	2200		Papua New Guinea, R Western	Tok Pisin/English	3305do			
2100	2200		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
2100	2200		Peru, La Voz de las Huarinjas	Spanish	5059do			
2100	2200		Peru, Ondas del Huallaga	Spanish	3330do			

2100	2200		Peru, R Bethel	Spanish	5921do				
2100	2200		Peru, R Cultural Amauta	Spanish	4955do				
2100	2200		Peru, R Cusco	Spanish	4780do				
2100	2200		Peru, R del Pacifico	Spanish	4975do	9675do			
2100	2200		Peru, R Horizonte	Spanish	5020do				
2100	2200		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
2100	2200		Peru, R Madre de Dios	Spanish	4950do				
2100	2200		Peru, R Manantial	Spanish/Quechua	4987do				
2100	2200		Peru, R Maranon	Spanish	4835do				
2100	2200		Peru, R Ondas del Sur Oriente	Spanish	5120do				
2100	2200		Peru, R Quillabamba	Spanish/Quechua	5025do				
2100	2200		Peru, R Santa Rosa	Spanish	6047do				
2100	2200		Peru, R Sicuani	Spanish/Quechua	4826do				
2100	2200		Peru, R Tarma	Spanish	4775do				
2100	2200		Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
2100	2200		Peru, R Union	Spanish	6115do				
2100	2200		Peru, R Victoria	Spanish	6020do	9720do			
2100	2200		Philippines, R Veritas Asia	Mandarin	6115as				
2100	2200	DRM	Russia, Voice of Russia	English	6155eu				
2100	2200		Russia, Voice of Russia	Portuguese	5920eu				
2100	2200		Saudi Arabia, BSKSA/First General Pgm	Arabic	9555af	9870eu			
2100	2200		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af		
2100	2200		Solomon Islands, SIBC	English/Pidgin	5020do				
2100	2200		South Africa, CVC 1 Africa R	English	9505af	13590af			
2100	2200		South Africa, R Sonder Grense	Afrikaans	3320do				
2100	2200		South Korea, 1st Global Korean Netwk	Korean	6015as				
2100	2200	Sat/Sun	Spain, R Exterior de Espana	Arabic	9570af				
2100	2200	Sat/Sun	Spain, R Exterior de Espana	English	9650eu				
2100	2200	mtwhf	Spain, R Exterior de Espana	Portuguese	17595sa				
2100	2200		Spain, R Exterior de Espana	Spanish	7275eu	15110na			
2100	2200	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa			
2100	2200	Sun	Spain, R Exterior de Espana	Spanish	11815sa	17715sa			
2100	2200	Sat/Sun	Spain, R Exterior de Espana	Spanish	17755af	17850na			
2100	2200		Syria, R Damascus	English	9330va				
2100	2200		Taiwan, R Taiwan Intl	German	3965eu				
2100	2200		Tajikistan, R Tojikiston/TR1	Russian	4765as				
2100	2200		Tunisia, RTV/R Tunisia	Arabic	7345af				
2100	2200		UK, BBC World Service	English	3255af	3915as	5875as	5905af	
					6005af	6190af	6195va	9410af	
					12095af				
2100	2200		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
					12133usb	12759usb	13362usb		
2100	2200		USA, BBG/R Farda	Farsi	7575as				
2100	2200		USA, BBG/R Free Asia	Korean	7460as	9385as	11945as		
2100	2200		USA, BBG/R Free Asia	Mandarin	5855as	6140as	7355as	7435as	
					9455as	9905as			
2100	2200		USA, BBG/R Marti	Spanish	6030ca	9565ca	11930ca	13820ca	
2100	2200		USA, BBG/Voice of America	English	6080af	7555as	15580af		
2100	2200		USA, FBN/WTJC Newport NC	English	9370na				
2100	2200		USA, Overcomer Ministry	English	9400eu				
2100	2200		USA, WBCQ Monticello ME	English	7490am	9330am			
2100	2200		USA, WEWN/EWTN Irondale AL	English	15610af				
2100	2200		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830sa			
2100	2200		USA, WHRI Cypress Creek SC	English	17510va				
2100	2200		USA, WINB Red Lion PA	English	9265am				
2100	2200		USA, WJHR Intl Milton FL	English	15550usb				
2100	2200	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
2100	2200		USA, WTWW Lebanon TN	English	9479va				
2100	2200		USA, WTWW Lebanon TN	French	12105va				
2100	2200		USA, WWCR Nashville TN	English	6875eu	9350af	9980af	13845eu	
2100	2200		USA, WWRB Manchester TN	English	9385na				
2100	2200		USA, WYFR/Family R Worldwide	Arabic	6115va				
2100	2200		USA, WYFR/Family R Worldwide	English	12070af				
2100	2200		USA, WYFR/Family R Worldwide	French	9715af				
2100	2200		USA, WYFR/Family R Worldwide	Mandarin	9280as				
2100	2200		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
2100	2200		Zambia, Christian Voice	English	4965af				
2100	2200		Zambia, CVC Intl/1 Africa	English	9505as				
2100	2200		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
2100	2200		Zimbabwe, VO Zimbabwe/External Svc	English/Ndebele/Shona		4828do			
2100	2200		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2115	2145		Ecuador, HCJB/LV de los Andes	Arabic	12025af				
2115	2200		Egypt, R Cairo	English	6270eu				
2130	2200		Australia, ABC NT Alice Springs	English	4835do				
2130	2200		Australia, ABC NT Katherine	English	5025do				
2130	2200	mtwhfa	Canada, CBC Northern Quebec Svc	English	9625na				
2130	2200		China, China R International	French	9430eu	11660eu			
2130	2200		China, China R International	Hungarian	6145eu	7445eu			
2130	2200		China, Hulun Buir PBS	Chinese	3900do				
2130	2200	mtwhf	Ecuador, HCJB/LV de los Andes	Cha'palaa	6050sa				

2130	2200		Iran, VO Islamic Rep of Iran	Bosnian	9810eu	11685eu		
2130	2200		Japan, R Japan NHK World	Portuguese	11880sa			
2130	2200	mtwhf	Moldova, R PMR/Pridnestrovye	German	9665eu			
2130	2200		USA, BBG/R Farda	Farsi	5830as			
2145	2200	smthfa	UK, FEBA Radio	Hassinya/Pulaar	11985af			
2145	2200		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do		
2145	2200		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do		
2145	2200		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do		
2150	2200		China, Hulun Buir PBS	Mongolian	6080do			
2150	2200		Vatican City State, Vatican R	Italian	3975eu			
2151	2200		New Zealand, R New Zealand Intl	English	15720pa			
2151	2200	DRM	New Zealand, R New Zealand Intl	English	17675pa			
2155	2200		China, China Natl R/CNR11	Tibetan	6010do	7360do	9480do	
2155	2200		China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
2155	2200		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
2155	2200	fa	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	

2200 UTC - 6PM EDT / 5PM CDT / 3PM PDT

2200	2215	smthfa	UK, FEBA Radio	Hassinya/Pulaar	11985af			
2200	2227		Iran, VO Islamic Rep of Iran	Bosnian	9810eu	11685eu		
2200	2230		Australia, HCJB Global Australia	Chinese	15525as			
2200	2230		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
2200	2230		Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
2200	2230		China, China R International	French	9430eu	11660eu		
2200	2230		Egypt, R Cairo	French	15210af			
2200	2230		India, All India R/External Svc	English	7550eu	9445eu	9910pa	11620pa
					11670eu	11715pa		
2200	2230	DRM	India, All India R/External Svc	English	9950as			
2200	2230		Indonesia, AWR Asia/Pacific	Indonesian	9445as			
2200	2230	tfs	Indonesia, AWR Asia/Pacific	Javanese	9545as			
2200	2230	mwfa	Indonesia, AWR Asia/Pacific	Sudanese	9545as			
2200	2230		Indonesia, RRI Fak Fak	Indonesian	4790do			
2200	2230		Japan, R Japan NHK World	Korean	9560as			
2200	2230		Laos, LNR Natl Svc/Vientane	Hmong	6130do			
2200	2230	mtwhf	Moldova, R PMR/Pridnestrovye	Russian	9665eu			
2200	2230		USA, BBG/Voice of America	Khmer	6060as	9320as	11765as	
2200	2230	f	USA, Hmong World Christian R	Hmong	9930as			
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
2200	2245		Egypt, R Cairo	English	6270eu			
2200	2245		Vatican City State, Vatican R	Chinese	9600as	12035as	15460as	
2200	2245		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
2200	2250		Greece, R Stathmos Makedonias	Greek	7450eu			
2200	2250		Greece, Voice of Greece	Greek	15630va			
2200	2255		Saudi Arabia, BSKSA/First General Pgm	Arabic	9555af	9870eu		
2200	2255		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af	
2200	2255		Turkey, Voice of Turkey	English	9830va			
2200	2256		Romania, R Romania Intl	English	7435eu	9540eu	9790eu	11940eu
2200	2257		North Korea, Korean Central BC Sta	Spanish	13760eu	15245eu		
2200	2257		North Korea, Voice of Korea	Chinese	7235as	9345as	9975as	11535as
2200	2257		North Korea, Voice of Korea	Japanese	9650as	11865as		
2200	2257		Philippines, R Veritas Asia	Mandarin	6115as			
2200	2300		Anguilla, University Network	English	6090na			
2200	2300		Argentina, RAE	Spanish	6060am	15345eu		
2200	2300		Australia, ABC NT Alice Springs	English	4835do			
2200	2300		Australia, ABC NT Katherine	English	5025do			
2200	2300		Australia, ABC/R Australia	English	9855as	12080pa	13630pa	15230pa
					15240as	15415pa	15515pa	21740pa
					9695as	11550as		
2200	2300		Australia, ABC/R Australia	Indonesian	9695as			
2200	2300		Bahrain, R Bahrain	Arabic	9745me			
2200	2300		Bahrain, R Bahrain	English	6010me			
2200	2300		Belarus, R Belarus	Russian	7255eu	11730eu		
2200	2300		Benin, ORTB	French/Yoruba/vernaculars		5025do		
2200	2300		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
2200	2300		Bolivia, R Em Camargo	Spanish/Aymara	3390do			
2200	2300		Bolivia, R Fides	Spanish/Aymara	6155do			
2200	2300		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
2200	2300		Bolivia, R Lipez	Spanish/Aymara	4796do			
2200	2300		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
2200	2300		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
2200	2300		Bolivia, R Panamericana	Spanish	5765do	6105do		
2200	2300		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
2200	2300		Bolivia, R San Jose	Spanish	5580do			
2200	2300		Bolivia, R San Miguel	Spanish	4699do			
2200	2300		Bolivia, R Santa Ana	Spanish	4451do			
2200	2300		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
2200	2300		Bolivia, R Tacana	Spanish	4782do			

2200	2300	Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
2200	2300	Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
2200	2300	Brazil, Educadora/Braganca	Portuguese	4825do			
2200	2300	Brazil, Iguatemi	Portuguese	4975do			
2200	2300	Brazil, R Alvorada/Londrina	Portuguese	4865do			
2200	2300	Brazil, R Anhanguera	Portuguese	4905do			
2200	2300	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
2200	2300	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
2200	2300	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
2200	2300	Brazil, R Brasil	Portuguese	4785do			
2200	2300	Brazil, R Brasil Central	Portuguese	4985do	11815do		
2200	2300	Brazil, R Caiari	Portuguese	4785do			
2200	2300	Brazil, R Cancao Nova	Portuguese	4825do	6105do	9675do	
2200	2300	Brazil, R Capital	Portuguese	6070do			
2200	2300	Brazil, R Capixaba	Portuguese	4935do			
2200	2300	Brazil, R Clube do Para	Portuguese	4885do			
2200	2300	Brazil, R Congonhas	Portuguese	4775do			
2200	2300	Brazil, R Cultura do Para	Portuguese	5045do			
2200	2300	Brazil, R Cultura Filadelfia	Portuguese	6105do			
2200	2300	Brazil, R Cultura/Araraquara	Portuguese	3365do			
2200	2300	Brazil, R Cultura/Manaus	Portuguese	4845do			
2200	2300	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
2200	2300	Brazil, R Difusora Acreana	Portuguese	4885do			
2200	2300	Brazil, R Difusora do Amazonas	Portuguese	4805do			
2200	2300	Brazil, R Difusora Roraima	Portuguese	4875do			
2200	2300	Brazil, R Difusora/Caceres	Portuguese	5055do			
2200	2300	Brazil, R Difusora/Londrina	Portuguese	4815do			
2200	2300	Brazil, R Difusora/Macapa	Portuguese	4915do			
2200	2300	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
2200	2300	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
2200	2300	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
2200	2300	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
2200	2300	Brazil, R Educadora/Limeira	Portuguese	2380do			
2200	2300	Brazil, R Gaucha	Portuguese	6020do	11915do		
2200	2300	Brazil, R Gazeta	Portuguese	5955do	9685do		
2200	2300	Brazil, R Guaiba	Portuguese	6000do	11785do		
2200	2300	Brazil, R Guaruja Paulista	Portuguese	5045do			
2200	2300	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
2200	2300	Brazil, R Imaculada Conceicao	Portuguese	4755do			
2200	2300	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
2200	2300	Brazil, R Itatiaia	Portuguese	5970do			
2200	2300	Brazil, R Maria	Portuguese	4885do			
2200	2300	Brazil, R Marumby	Portuguese	6080do			
2200	2300	Brazil, R Meteorologia Paulista	Portuguese	4845do			
2200	2300	Brazil, R Mundial	Portuguese	3325do			
2200	2300	Brazil, R Municipal	Portuguese	3375do			
2200	2300	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
2200	2300	Brazil, R Nove de Julho	Portuguese	9820do			
2200	2300	Brazil, R Novo Tempo	Portuguese	4895do			
2200	2300	Brazil, R Record	Portuguese	6150do	9505do		
2200	2300	Brazil, R Verdes Florestas	Portuguese	4865do			
2200	2300	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
2200	2300	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars	4925do			
2200	2300	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
2200	2300	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
2200	2300	smtwhf Canada, CBC Northern Quebec Svc	English	9625na			
2200	2300	Canada, CFRX Toronto ON	English	6070na			
2200	2300	Canada, CFVP Calgary AB	English	6030na			
2200	2300	Canada, CKZN St Johns NF	English	6160na			
2200	2300	Canada, CKZU Vancouver BC	English	6160na			
2200	2300	Central African Rep, R Centrafrique	French/Sango	5035do			
2200	2300	Sat Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do	4905al	7120al
2200	2300	Chile, CVC La Voz	Spanish	9780sa	17680sa		
2200	2300	China, China Natl R/CNR11	Tibetan	6010do	7360do	9480do	
2200	2300	China, China R International	Chinese	5975af	6100as	6140af	7215as
				7265af	7325as	7395as	7430af
				9460pa	9675as		
2200	2300	China, China R International	English	9590as			
2200	2300	China, China R International	Esperanto	7315sa	9860sa		
2200	2300	China, China R International	Japanese	7220as	9535as		
2200	2300	China, China R International	Korean	7290as			
2200	2300	China, China R International	Portuguese	6175eu	7260eu	9410eu	9685sa
2200	2300	China, China R International	Spanish	7210eu	7250eu	7335eu	9490sa
				9640eu	13700ca		
2200	2300	China, CNR/VO Minorities/CNR8	Korean	5955do	5975do		
2200	2300	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
2200	2300	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	7620do	9665do	
2200	2300	China, Hulun Buir PBS	Chinese	3900do			
2200	2300	China, Hulun Buir PBS	Mongolian	6080do			
2200	2300	China, Nei Menggu PBS	Chinese	7420do	9520do		

2200	2300		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
2200	2300		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do		
2200	2300		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do
					7450do			
2200	2300		China, Tibet PBS	Tibetan	7255do	7385do		
2200	2300		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
2200	2300		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13130as	13350as
					13850as	14700as	15900as	15940as
					16100as			
2200	2300		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
2200	2300		Colombia, La Voz de tu Conciencia	Spanish	6010do			
2200	2300		Colombia, La Voz del Guaviare	Spanish	6035do			
2200	2300		Colombia, R Alcaravan	Spanish	5910do			
2200	2300		Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca		
2200	2300		Cuba, R Havana Cuba	Portuguese	15230sa			
2200	2300		Cuba, R Havana Cuba	Spanish	5040va	9710ca	9810ca	17705sa
					17750eu			
2200	2300	mtwhf	Cuba, R Havana Cuba	Spanish	6000na	15140na		
2200	2300		Cuba, R Rebelde	Spanish	5025na			
2200	2300		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu			
2200	2300		Dominican Rep, R Amanecer Intl	Spanish	6025do			
2200	2300	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
2200	2300		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
2200	2300		Ecuador, R Quito	Spanish/Quechua	4919do			
2200	2300		Eq Guinea, R Nacional/Bata	Spanish/vernaculars	5005do			
2200	2300		Eq Guinea, Pan Am BC/R Africa	English	15190af			
2200	2300	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu		
2200	2300	DRM	France, R France International	French	3965af			
2200	2300		Gabon, Africa No. 1	French	9580af			
2200	2300		Greece, Voice of Greece	Greek	9420va			
2200	2300		Guatemala, R Verdad	English/Spanish	4055do			
2200	2300		Guinea, R Familia FM	French/Susu/Pular/Maninka		4900do		
2200	2300		Guinea, RTV Guinee	French/vernacular	7125do			
2200	2300		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
2200	2300		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
2200	2300		Honduras, R Luz y Vida	Spanish	3250do			
2200	2300		India, All India R/Aligarh	English/Hindi	9470do			
2200	2300		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do		
2200	2300		Indonesia, AWR Asia/Pacific	Chinese	12120as	15215as		
2200	2300		Indonesia, RRI Jakarta	Indonesian	9680do			
2200	2300		Indonesia, RRI Jambi	Indonesian	4925do			
2200	2300		Indonesia, RRI Kendari	Indonesian	3995do			
2200	2300		Indonesia, RRI Makassar	Indonesian	4750do			
2200	2300		Indonesia, RRI Nabire	Indonesian	7290do			
2200	2300		Indonesia, RRI Palangkaraya	Indonesian	3325do			
2200	2300		Indonesia, RRI Pontianak	Indonesian	3976do			
2200	2300		Indonesia, RRI Serui	Indonesian	4605do			
2200	2300		Indonesia, RRI Ternate	Indonesian	3345do			
2200	2300		Indonesia, RRI Wamena	Indonesian	4870do			
2200	2300		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as	
2200	2300		Israel, Galei Tzahal	Hebrew	6973usb	15850usb		
2200	2300		Japan, R Japan NHK World	Japanese	9620me	11725va	11855as	13680as
					15265sa			
2200	2300		Kuwait, R Kuwait/General Svc	Arabic	17550na			
2200	2300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2200	2300		Malaysia, RTM Kajang/Traxx FM	English	7295do			
2200	2300		Malaysia, RTM Kajang/Wai FM	Malay	11665do			
2200	2300		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2200	2300		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al	
2200	2300		Mexico, R Mil Onda Corta	Spanish	6010do			
2200	2300		Mexico, R Transcontinental de America	Spanish	4800do			
2200	2300		Mexico, R Universidad	Spanish	6045do			
2200	2300		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
2200	2300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do		
2200	2300		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
2200	2300		New Zealand, R New Zealand Intl	English	15720pa			
2200	2300	DRM	New Zealand, R New Zealand Intl	English	17675pa			
2200	2300		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2200	2300		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2200	2300		Nigeria, Voice of Nigeria	Hausa	7255af			
2200	2300	Sat	Palau, T8WH/World Harvest R	English	9930as			
2200	2300		Papua New Guinea, R Buka	Tok Pisin	3325do			
2200	2300		Papua New Guinea, R Central	Tok Pisin/English/vernaculars		3290do		
2200	2300		Papua New Guinea, R East New Britain	Tok Pisin/English	3385do			
2200	2300		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
2200	2300		Papua New Guinea, R Madang	Tok Pisin	3260do			
2200	2300		Papua New Guinea, R Manus	Tok Pisin	3315do			
2200	2300		Papua New Guinea, R Milne Bay	Tok Pisin	3365do			
2200	2300		Papua New Guinea, R New Ireland	Tok Pisin	3905do			

2200	2300		Papua New Guinea, R Northern	Tok Pisin/English/vernaculars	3345do			
2200	2300		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2200	2300		Papua New Guinea, R West Sepik	Tok Pisin/English	3205do			
2200	2300		Papua New Guinea, R Western	Tok Pisin/English	3305do			
2200	2300		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
2200	2300		Peru, La Voz de las Huarinjas	Spanish	5059do			
2200	2300		Peru, Ondas del Huallaga	Spanish	3330do			
2200	2300		Peru, R Altura	Spanish/Quechua	5014do			
2200	2300		Peru, R Ancash	Spanish	4990do	4992al		
2200	2300		Peru, R Andina	Spanish	4995do			
2200	2300		Peru, R Bethel	Spanish	5921do			
2200	2300		Peru, R Cultural Amauta	Spanish	4955do			
2200	2300		Peru, R Cusco	Spanish	4780do			
2200	2300		Peru, R del Pacifico	Spanish	4975do	9675do		
2200	2300		Peru, R Genesis	Spanish	4850do			
2200	2300		Peru, R Horizonte	Spanish	5020do			
2200	2300		Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al		
2200	2300		Peru, R Madre de Dios	Spanish	4950do			
2200	2300		Peru, R Manantial	Spanish/Quechua	4987do			
2200	2300		Peru, R Maranon	Spanish	4835do			
2200	2300		Peru, R Melodia	Spanish	5939do			
2200	2300		Peru, R Ondas del Sur Oriente	Spanish	5120do			
2200	2300		Peru, R Quillabamba	Spanish/Quechua	5025do			
2200	2300		Peru, R Reina de la Selva	Spanish/Quechua	5487do			
2200	2300		Peru, R San Antonio	Spanish	3375do	4940do		
2200	2300		Peru, R Santa Rosa	Spanish	6047do			
2200	2300		Peru, R Sicuani	Spanish/Quechua	4826do			
2200	2300		Peru, R Tarma	Spanish	4775do			
2200	2300		Peru, R Tawantinsuyo	Spanish/Quechua	6174do			
2200	2300		Peru, R Union	Spanish	6115do			
2200	2300		Peru, R Victoria	Spanish	6020do	9720do		
2200	2300		Peru, R Virgen del Carmen	Spanish	4887do	4895al		
2200	2300		Peru, R Vision	Spanish	4790do			
2200	2300		Russia, Voice of Russia	English	9800va			
2200	2300		Solomon Islands, SIBC	English/Pidgin	5020do			
2200	2300		South Africa, R Sonder Grense	Afrikaans	3320do			
2200	2300		South Korea, KBS World R	Chinese	7275as			
2200	2300		South Korea, KBS World R	Indonesian	9805as			
2200	2300		South Korea, 1st Global Korean Netwk	Korean	6015as			
2200	2300	Sat	Spain, R Exterior de Espana	Spanish	9765ca			
2200	2300	Sun	Spain, R Exterior de Espana	Spanish	17850na			
2200	2300	Sat/Sun	Spain, R Exterior de Espana	Spanish	11815sa	17850na		
2200	2300		Spain, R Exterior de Espana	Spanish	7275eu	9570af	15110na	
2200	2300		Syria, R Damascus	Spanish	9330eu			
2200	2300		Taiwan, R Taiwan Intl	Chinese	6105as	6150as	11635as	11710as
					11885as			
2200	2300		Taiwan, R Taiwan Intl	Japanese	11605as			
2200	2300		Taiwan, R Taiwan Intl	Thai	7445as			
2200	2300		Tajikistan, R Tojikiston/TR1	Russian	4765as			
2200	2300		Tunisia, RTV/R Tunisia	Arabic	7345af			
2200	2300		Turkmenistan, Turkmen Radiosy	Turkmen	5015do			
2200	2300		UK, BBC World Service	English	3915as	5875as	5905as	6195as
					7490as	9580as	9730af	9740as
					12095af			
2200	2300		USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb
					12133usb	12759usb	13362usb	
2200	2300		USA, BBG/R Farda	Farsi	5850as	7575as		
2200	2300		USA, BBG/R Free Asia	Cantonese	11785as	15320as		
2200	2300		USA, BBG/R Free Asia	Tibetan	7505as	9815as	9880as	
2200	2300		USA, BBG/R Marti	Spanish	6030ca	9565ca	11930ca	
2200	2300		USA, BBG/Voice of America	Chinese	6135as	7205as	9510as	9845as
					11925as	13660as		
2200	2300		USA, BBG/Voice of America	English	5755as			
2200	2300	mtwhs	USA, BBG/Voice of America	English	5895as	5915as	7480as	7575as
					12150as			
2200	2300		USA, FBN/WTJC Newport NC	English	9370na			
2200	2300		USA, WBCQ Monticello ME	English	7490am	9330am		
2200	2300		USA, WEWN/EWTN Irondale AL	English	15610me			
2200	2300		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830sa		
2200	2300		USA, WHRI Cypress Creek SC	English	11775va	13620na	17510va	
2200	2300	twhfasm	USA, WINB Red Lion PA	English	9265am			
2200	2300		USA, WINB Red Lion PA	Spanish	9265am			
2200	2300		USA, WRMI Miami FL	English/Spanish	9955am			
2200	2300		USA, WTWW Lebanon TN	English	9479va			
2200	2300		USA, WTWW Lebanon TN	French	12105va			
2200	2300		USA, WTWW Lebanon TN	Spanish	12105va			
2200	2300		USA, WWCR Nashville TN	English	6875eu	9350af	9980af	13845eu
2200	2300		USA, WWRB Manchester TN	English	9385na			
2200	2300		USA, WYFR/Family R Worldwide	English	6115na			
2200	2300		USA, WYFR/Family R Worldwide	English/Japanese	6215as	9280as		

2200	2300		USA, WYFR/Family R Worldwide	Mandarin	6215as	9280as			
2200	2300		USA, WYFR/Family R Worldwide	Portuguese	11830sa	15745va	17725va		
2200	2300		USA, WYFR/Family R Worldwide	Spanish	5985sa 15440sa 3975eu	11650ca	15255sa	15280sa	
2200	2300		Vatican City State, Vatican R	Italian	3975eu				
2200	2300		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
2200	2300		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
2200	2300		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
2200	2300		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
2200	2300		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
2200	2300		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
2200	2300		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do			
2200	2300		Zambia, Christian Voice	English	4965af				
2200	2300		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2215	2230		Croatia, Voice of Croatia	English	9925ca				
2215	2245	fas	Cyprus, Cyprus Broadcasting Corp	Greek	5925eu	7220eu	9760eu		
2215	2245	fas	UK, BBC World Service	Greek	5925eu	7220eu	9760eu		
2215	2300		Egypt, R Cairo	Portuguese	15480sa				
2220	2300		China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
2225	2300	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
2230	2250		Japan, R Japan NHK World	Chinese	9560as				
2230	2300	mtwhf	Australia, HCJB Global Australia	Chinese	15525as				
2230	2300	Sat/Sun	Australia, HCJB Global Australia	Japanese	15525as				
2230	2300		China, China Huayi BC	Amoy/Chinese	6185do				
2230	2300		China, China R International	Chinese	7295af 15505af 6115do	7370eu	9865eu	11900as	
2230	2300		China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
2230	2300		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	4940do	7280do			
2230	2300	Sun	Cuba, R Havana Cuba	Esperanto	15370sa				
2230	2300	mtwhfa	Cuba, R Havana Cuba	French	15370sa				
2230	2300		Indonesia, AWR Asia/Pacific	English	9730as				
2230	2300		Iran, VO Islamic Rep of Iran	Malay	9655as	11870as			
2230	2300	mtwhf	Moldova, R PMR/Pridnestrovye	English	9665eu				
2230	2300		Philippines, FEBC Philippines	Chinese	9405as				
2230	2300		Philippines, FEBC Philippines	Indonesian	9435as				
2230	2300		Philippines, FEBC Philippines	Iu Mien	5990as				
2230	2300		Philippines, FEBC Philippines	Vietnamese	9445as				
2230	2300		USA, BBG/R Free Asia	Khmer	5840as	13740as			
2230	2300		USA, BBG/R Free Europe/R Liberty	Khmer	5840as	13740as			
2230	2300		USA, BBG/Voice of America	English	7460as	9570as	11840as	15340as	
2230	2300		USA, Suab Xaa Moo Zoo	Hmong	7530as				
2230	2300		USA, WYFR/Family R Worldwide	English	6115af	11580af	15255af		
2230	2300		Vietnam, VO Vietnam/Overseas Svc	Chinese	9840as	12020as			
2230	2300		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as				
2235	2300		China, CNR/Fujian	Chinese	5040do				
2245	2300		Chile, HCJB Global Voice	Kulina	11920sa				
2245	2300		India, All India R/External Svc	English	6055as 13605as	9705as	9950as	11670as	
2245	2300	DRM	India, All India R/External Svc	English	11645as				
2255	2300		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do			
2255	2300		Japan, R Japan NHK World	Japanese	13650as				

2300 UTC - 7PM EDT / 6PM CDT / 4PM PDT

2300	0000		Albania, R Tirana	Albanian	7425na				
2300	0000		Anguilla, University Network	English	6090na				
2300	0000		Argentina, RAE	Spanish	6060am	15345eu			
2300	0000		Australia, ABC NT Alice Springs	English	4835do				
2300	0000		Australia, ABC NT Katherine	English	5025do				
2300	0000		Australia, ABC/R Australia	English	9855as 15415pa 21740pa	12080pa 15515pa	13630pa 17795pa	15230pa 19000pa	
2300	0000		Australia, HCJB Global Australia	Chinese	15525as				
2300	0000		Australia, R Symban	Greek	2369do				
2300	0000		Bahrain, R Bahrain	Arabic	9745me				
2300	0000		Bahrain, R Bahrain	English	6010me				
2300	0000		Bolivia, R Em Camargo	Spanish/Aymara	3390do				
2300	0000		Bolivia, R Fides	Spanish/Aymara	6155do				
2300	0000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
2300	0000		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
2300	0000		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
2300	0000		Bolivia, R Panamericana	Spanish	5765do	6105do			
2300	0000		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
2300	0000		Bolivia, R San Jose	Spanish	5580do				
2300	0000		Bolivia, R San Miguel	Spanish	4699do				
2300	0000		Bolivia, R Santa Ana	Spanish	4451do				
2300	0000		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
2300	0000		Bolivia, R Tacana	Spanish	4782do				
2300	0000		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				

2300	0000	Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
2300	0000	Brazil, Educadora/Braganca	Portuguese	4825do			
2300	0000	Brazil, Iguatemi	Portuguese	4975do			
2300	0000	Brazil, R Alvorada/Londrina	Portuguese	4865do			
2300	0000	Brazil, R Anhanguera	Portuguese	4905do			
2300	0000	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
2300	0000	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
2300	0000	Brazil, R Boa Vontade	Portuguese	6160do	9550do		
2300	0000	Brazil, R Brasil	Portuguese	4785do			
2300	0000	Brazil, R Brasil Central	Portuguese	4985do	11815do		
2300	0000	Brazil, R Caiari	Portuguese	4785do			
2300	0000	Brazil, R Cancao Nova	English/Portuguese/Spanish		4825do	6105do	9675do
2300	0000	Brazil, R Capital	Portuguese	6070do			
2300	0000	Brazil, R Capixaba	Portuguese	4935do			
2300	0000	Brazil, R Clube do Para	Portuguese	4885do			
2300	0000	Brazil, R Congonhas	Portuguese	4775do			
2300	0000	Brazil, R Cultura do Para	Portuguese	5045do			
2300	0000	Brazil, R Cultura Filadelfia	Portuguese	6105do			
2300	0000	Brazil, R Cultura/Araraquara	Portuguese	3365do			
2300	0000	Brazil, R Cultura/Manaus	Portuguese	4845do			
2300	0000	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
2300	0000	Brazil, R Difusora Acreana	Portuguese	4885do			
2300	0000	Brazil, R Difusora do Amazonas	Portuguese	4805do			
2300	0000	Brazil, R Difusora Roraima	Portuguese	4875do			
2300	0000	Brazil, R Difusora/Caceres	Portuguese	5055do			
2300	0000	Brazil, R Difusora/Londrina	Portuguese	4815do			
2300	0000	Brazil, R Difusora/Macapá	Portuguese	4915do			
2300	0000	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
2300	0000	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
2300	0000	Brazil, R Educadora/Guajara Mirim	Portuguese	3375do			
2300	0000	Brazil, R Educadora/Limeira	Portuguese	2380do			
2300	0000	Brazil, R Gaucha	Portuguese	6020do	11915do		
2300	0000	Brazil, R Gazeta	Portuguese	5955do	9685do		
2300	0000	Brazil, R Guaiba	Portuguese	6000do	11785do		
2300	0000	Brazil, R Guaruja Paulista	Portuguese	5045do			
2300	0000	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
2300	0000	Brazil, R Imaculada Conceicao	Portuguese	4755do			
2300	0000	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
2300	0000	Brazil, R Itatiaia	Portuguese	5970do			
2300	0000	Brazil, R Maria	Portuguese	4885do			
2300	0000	Brazil, R Marumby	Portuguese	6080do			
2300	0000	Brazil, R Meteorologia Paulista	Portuguese	4845do			
2300	0000	Brazil, R Mundial	Portuguese	3325do			
2300	0000	Brazil, R Municipal	Portuguese	3375do			
2300	0000	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
2300	0000	Brazil, R Nove de Julho	Portuguese	9820do			
2300	0000	Brazil, R Novo Tempo	Portuguese	4895do			
2300	0000	Brazil, R Record	Portuguese	6150do	9505do		
2300	0000	Brazil, R Verdes Florestas	Portuguese	4865do			
2300	0000	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
2300	0000	Brazil, Radio Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
2300	0000	Brazil, Super R Deus e Amor/Curitiba	Portuguese	6060do	9565do	11765do	
2300	0000	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
2300	0000	Canada, CBC Northern Quebec Svc	English	9625na			
2300	0000	Canada, CFRX Toronto ON	English	6070na			
2300	0000	Canada, CFVP Calgary AB	English	6030na			
2300	0000	Canada, CKZN St Johns NF	English	6160na			
2300	0000	Canada, CKZU Vancouver BC	English	6160na			
2300	0000	Chile, CVC La Voz	Spanish	9780sa	11665sa		
2300	0000	Chile, HCJB Global Voice	German (Low)	9835sa			
2300	0000	Chile, HCJB Global Voice	Portuguese	11920sa			
2300	0000	China, China Huayi BC	Amoy/Chinese	6185do			
2300	0000	China, China Natl R/CNR11	Tibetan	6010do	7360do	9480do	
2300	0000	China, China R International	Cantonese	6140as	7325as	9460as	11945as
				15100as			
2300	0000	China, China R International	English	5915as	5990ca	6145na	7350eu
				7410as	9610as	11690as	11790as
				11840na			
2300	0000	China, China R International	Japanese	7220as	11680as	13640as	
2300	0000	China, China R International	Khmer	9785as	11990as		
2300	0000	China, China R International	Mongolian	9810as	12085as		
2300	0000	China, China R International	Portuguese	9560sa	13650sa		
2300	0000	China, China R International	Russian	5990as	7405as		
2300	0000	China, China R International	Spanish	6175eu	7210eu	7250eu	9590sa
				9800eu			
2300	0000	China, China R International	Vietnamese	7220as	11620as		
2300	0000	China, CNR/VO Minorities/CNR8	Mongolian	5955do	7445do		
2300	0000	China, CNR/VO Shenzhou/CNR6	Amoy/Chinese	6165do	9170do		
2300	0000	China, CNR/VO Zhonghua/CNR5	Amoy/Chinese	5925do	7620do	9665do	
2300	0000	China, Gannan PBS	Chinese/Tibetan	3990do	5970do		

2300	0000		China, Haixa zhi Sheng/VO Strait	Amoy	6115do				
2300	0000		China, Haixa zhi Sheng/VO Strait	Amoy/Chinese/Hakka	4940do	7280do			
2300	0000		China, Hulun Buir PBS	Chinese	3900do				
2300	0000		China, Hulun Buir PBS	Mongolian	6080do				
2300	0000		China, Nei Menggu PBS	Chinese	7420do	9520do			
2300	0000		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
2300	0000		China, Sichuan PBS2	Chinese/Tibetan/Yui	6060do	7225do			
2300	0000		China, Tibet PBS	Chinese	4820do	5935do	6050do	7240do	
					7450do				
2300	0000		China, Tibet PBS	Tibetan	7255do	7385do			
2300	0000	Sat/Sun	China, VO Guangxi/Beibu Bay R	Chinese	5050do	9820do			
2300	0000	mtwhf	China, VO Guangxi/Beibu Bay R	Vietnamese	5050do	9820do			
2300	0000		China, Xinjiang PBS	Uyghur	4980do	7205do			
2300	0000		China, Yunnan PBS/Minority Svc	Chinese/Lahu/Jingpo/Yunnan/Lisu		7210do			
2300	0000		Clandestine, Sound of Hope R Intl	Chinese	11970as	12980as	13130as	13350as	
					13850as	14700as	15900as	15940as	
					16100as				
2300	0000		Clandestine, VO China	Chinese	7270as				
2300	0000		Colombia, La Voz de tu Conciencia	Spanish	6010do				
2300	0000		Colombia, La Voz del Guaviare	Spanish	6035do				
2300	0000		Colombia, R Alcaravan	Spanish	5910do				
2300	0000		Croatia, Voice of Croatia	Croatian/various	3985eu	7375ca			
2300	0000		Cuba, R Havana Cuba	English	5040va				
2300	0000		Cuba, R Havana Cuba	Spanish	6120ca	9810ca	11680ca	17705sa	
2300	0000	mtwhf	Cuba, R Havana Cuba	Spanish	6000na	15140na			
2300	0000		Cuba, R Rebelde	Spanish	5025na				
2300	0000		Cyprus, (Northern) R Bayrak Intl	Greek/English/various	6150eu				
2300	0000		Dominican Rep, R Amanecer Intl	Spanish	6025do				
2300	0000	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2300	0000		Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
2300	0000		Ecuador, R Quito	Spanish/Quechua	4919do				
2300	0000		Egypt, R Cairo	English	6270na				
2300	0000	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu	11690eu			
2300	0000		France, R France International	Chinese	9955as	11665as			
2300	0000	DRM	France, R France International	French	3965af				
2300	0000		Guatemala, R Verdad	English/Spanish	4055do				
2300	0000		Guinea, R Familia FM	French/Susu/Pular/Maninka		4900do			
2300	0000		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do			
2300	0000		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
2300	0000		Honduras, R Luz y Vida	Spanish	3250do				
2300	0000		India, All India R/Aligarh	English/Hindi	9470do				
2300	0000		India, All India R/Bengaluru	English/Hindi/vernaculars		9425do			
2300	0000		India, All India R/External Svc	English	6055as	9705as	9950as	11670as	
					13605as				
2300	0000	DRM	India, All India R/External Svc	English	11645as				
2300	0000		India, All India R/External Svc	Hindi	9910as	11740as	13795as		
2300	0000	DRM	India, All India R/External Svc	Hindi	9950eu				
2300	0000		Indonesia, AWR Asia/Pacific	Chinese	15370as				
2300	0000		Indonesia, AWR Asia/Pacific	Vietnamese	9730as				
2300	0000		Indonesia, RRI Jakarta	Indonesian	9680do				
2300	0000		Indonesia, RRI Jambi	Indonesian	4925do				
2300	0000		Indonesia, RRI Kendari	Indonesian	3995do				
2300	0000		Indonesia, RRI Makassar	Indonesian	4750do				
2300	0000		Indonesia, RRI Nabire	Indonesian	7290do				
2300	0000		Indonesia, RRI Palangkaraya	Indonesian	3325do				
2300	0000		Indonesia, RRI Pontianak	Indonesian	3976do				
2300	0000		Indonesia, RRI Ternate	Indonesian	3345do				
2300	0000		Iran, VO Islamic Rep of Iran	Arabic	3985as	6025as	12080as		
2300	0000		Israel, Galei Tzahal	Hebrew	6973usb	15850usb			
2300	0000		Japan, R Japan NHK World	Indonesian	17810as				
2300	0000		Japan, R Japan NHK World	Japanese	11855as	13650as	15265sa		
2300	0000	smtwh	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
2300	0000	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115as	9760as		
2300	0000	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do				
2300	0000		Kuwait, R Kuwait/General Svc	Arabic	17550na				
2300	0000		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do	4795do			
2300	0000		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
2300	0000		Malaysia, RTM Kajang/Traxx FM	English	7295do				
2300	0000		Malaysia, RTM Kajang/Wai FM	Malay	11665do				
2300	0000		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do			
2300	0000		Mauritania, R Mauritanie	Arabic/French/vernaculars		7245do	4845al		
2300	0000		Mexico, R Mil Onda Corta	Spanish	6010do				
2300	0000		Mexico, R Transcontinental de America	Spanish	4800do				
2300	0000		Mexico, R Universidad	Spanish	6045do				
2300	0000		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as			
2300	0000		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	7260do			
2300	0000		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9575va				
2300	0000		New Zealand, R New Zealand Intl	English	15720pa				
2300	0000	DRM	New Zealand, R New Zealand Intl	English	17675pa				
2300	0000		Papua New Guinea, R Buka	Tok Pisin	3325do				

2300	0000	Papua New Guinea, R Central	Tok Pisin/English/vernaculars	3290do				
2300	0000	Papua New Guinea, R East New Britain	Tok Pisin/English	3385do				
2300	0000	Papua New Guinea, R East Sepik	Tok Pisin	3335do				
2300	0000	Papua New Guinea, R Madang	Tok Pisin	3260do				
2300	0000	Papua New Guinea, R Manus	Tok Pisin	3315do				
2300	0000	Papua New Guinea, R Milne Bay	Tok Pisin	3365do				
2300	0000	Papua New Guinea, R New Ireland	Tok Pisin	3905do				
2300	0000	Papua New Guinea, R Northern	Tok Pisin/English/vernaculars	3345do				
2300	0000	Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
2300	0000	Papua New Guinea, R West Sepik	Tok Pisin/English	3205do				
2300	0000	Papua New Guinea, R Western	Tok Pisin/English	3305do				
2300	0000	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
2300	0000	Peru, La Voz de la Selva	Spanish	4824do				
2300	0000	Peru, La Voz de las Huarinjas	Spanish	5059do				
2300	0000	Peru, Ondas del Huallaga	Spanish	3330do				
2300	0000	Peru, R Altura	Spanish/Quechua	5014do				
2300	0000	Peru, R Ancash	Spanish	4990do	4992al			
2300	0000	Peru, R Andina	Spanish	4995do				
2300	0000	Peru, R Bethel	Spanish	5921do				
2300	0000	Peru, R Cultural Amauta	Spanish	4955do				
2300	0000	Peru, R Cusco	Spanish	4780do				
2300	0000	Peru, R Genesis	Spanish	4850do				
2300	0000	Peru, R Horizonte	Spanish	5020do				
2300	0000	Peru, R Huanta 2000	Spanish/Quechua	4747do	4755al			
2300	0000	Peru, R JPJ del Peru	Spanish	3355do				
2300	0000	Peru, R Madre de Dios	Spanish	4950do				
2300	0000	Peru, R Manantial	Spanish/Quechua	4987do				
2300	0000	Peru, R Maranon	Spanish	4835do				
2300	0000	Peru, R Melodia	Spanish	5939do				
2300	0000	Peru, R Municipal	Spanish	3173do				
2300	0000	Peru, R Ondas del Sur Oriente	Spanish	5120do				
2300	0000	Peru, R Quillabamba	Spanish/Quechua	5025do				
2300	0000	Peru, R Reina de la Selva	Spanish/Quechua	5487do				
2300	0000	Peru, R San Antonio	Spanish	3375do	4940do			
2300	0000	Peru, R Santa Rosa	Spanish	6047do				
2300	0000	Peru, R Tarma	Spanish	4775do				
2300	0000	Peru, R Tarma	Spanish/Quechua	4826do				
2300	0000	Peru, R Tawantinsuyo	Spanish/Quechua	6174do				
2300	0000	Peru, R Union	Spanish	6115do				
2300	0000	Peru, R Victoria	Spanish	6020do	9720do			
2300	0000	Peru, R Virgen del Carmen	Spanish	4887do	4895al			
2300	0000	Peru, R Vision	Spanish	4790do				
2300	0000	Philippines, FEBC Philippines	Chinese	12070as				
2300	0000	Philippines, FEBC Philippines	Khmer	9445as				
2300	0000	Russia, Voice of Russia	English	9665va	9800va			
2300	0000	Solomon Islands, SIBC	English/Pidgin	5020do				
2300	0000	South Africa, R Sonder Grense	Afrikaans	3320do				
2300	0000	South Korea, KBS World R	Chinese	9805as				
2300	0000	South Korea, 1st Global Korean Netwk	Korean	6015as				
2300	0000	Spain, R Exterior de Espana	French	6055na				
2300	0000	Spain, R Exterior de Espana	French	6155eu				
2300	0000	Spain, R Exterior de Espana	Spanish	9535ca	9620sa	15160sa		
2300	0000	Taiwan, R Taiwan Intl	Chinese	6105as	6150as	9660as	9685as	
				11635as	11710as	11885as		
2300	0000	Taiwan, R Taiwan Intl	Spanish	17725sa				
2300	0000	Taiwan, R Taiwan Intl	Thai	7445as				
2300	0000	Tajikistan, R Tojikiston/TR1	Russian	4765as				
2300	0000	UK, BBC World Service	English	3915as	6195as	7490as	9580as	
				9740as	9890as	11850as	12010as	
2300	0000	USA, Amer Forces Network/AFRTS	English	4319usb	5446usb	5765usb	7811usb	
				12133usb	12759usb	13362usb		
2300	0000	USA, BBG/R Farda	Farsi	5830as	7575as			
2300	0000	USA, BBG/R Free Asia	Mandarin	7540as	9535as	11760as	11785as	
				15430as	15585as			
2300	0000	USA, BBG/R Free Asia	Vietnamese	7520as	11605as	13730as	15570as	
2300	0000	USA, BBG/R Marti	Spanish	6030ca	9565ca	11930ca		
2300	0000	USA, BBG/Voice of America	Burmese	6185as	7430as	9320as		
2300	0000	USA, BBG/Voice of America	English	5895as	5910as	7460as	7555as	
				7575as	9570as	11840as	12150as	
				15340as				
2300	0000	USA, FBN/WTJC Newport NC	English	9370na				
2300	0000	USA, WBCQ Monticello ME	English	7490am	9330am			
2300	0000	USA, WBCQ Monticello ME	English	5110am				
2300	0000	USA, WEWN/EWTN Irondale AL	English	15610me				
2300	0000	USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830sa			
2300	0000	USA, WHRI Cypress Creek SC	English	13620na	17510va			
2300	0000	USA, WHRI Cypress Creek SC	English	11775va				
2300	0000	USA, WHRI Cypress Creek SC	English	7315ca				
2300	0000	USA, WINB Red Lion PA	English	9265am				
2300	0000	USA, WTWW Lebanon TN	English	9479va				

2300	0000		USA, WTWW Lebanon TN	Portuguese	12105va				
2300	0000		USA, WWCR Nashville TN	English	6875eu	9350af	9980af	13845eu	
2300	0000		USA, WWRB Manchester TN	English	5050na				
2300	0000		USA, WYFR/Family R Worldwide	English	15255ca	11580sa			
2300	0000		USA, WYFR/Family R Worldwide	English/Japanese	6215as	9280as	9540as		
2300	0000		USA, WYFR/Family R Worldwide	Mandarin	6215as	9280as	9540as		
2300	0000		USA, WYFR/Family R Worldwide	Portuguese	7360sa	7520sa	11650sa	15745sa	
2300	0000		USA, WYFR/Family R Worldwide	Spanish	5985sa	11530sa	15280sa	15255sa	
					15355sa	15440sa			
2300	0000		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
2300	0000		Vietnam, VO Vietnam 1/Hanoi	Vietnamese/vernaculars		5975do			
2300	0000		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
2300	0000		Vietnam, VO Vietnam 1/Xuan Mai	Vietnamese/vernaculars		9530do			
2300	0000		Vietnam, VO Vietnam 2/Xuan Mai	Vietnamese/vernaculars		5925do			
2300	0000		Vietnam, VO Vietnam 4/Buon Ma Thuot	Vietnamese/vernaculars		6020do			
2300	0000		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as				
2300	0000		Zambia, Christian Voice	English	4965af				
2300	0000		Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2300	2215		Indonesia, RRI Wamena	Indonesian	4870do				
2300	2302		Guinea, RTV Guinee	French/vernacular	7125do				
2300	2305		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
2300	2305		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
2300	2310		Tunisia, RTV/R Tunisia	Arabic	7345af				
2300	2315	Sat/Sun	Gabon, Africa No. 1	French	9580af				
2300	2315		Indonesia, RRI Serui	Indonesian	4605do				
2300	2315		USA, BBG/R Free Asia	Tibetan	7505as	9805as	9815as	9875as	
2300	2325		China, CNR/Fujian	Chinese	5040do				
2300	2327		Iran, VO Islamic Rep of Iran	Malay	9655as	11870as			
2300	2327		Philippines, R Veritas Asia	Filipino	9720as				
2300	2330		Australia, ABC/R Australia	Burmese	9490as				
2300	2330		Australia, ABC/R Australia	English	15240as				
2300	2330		Australia, ABC/R Australia	Indonesian	9695as	11550as			
2300	2330		Bolivia, R Lipez	Spanish/Aymara	4796do				
2300	2330		Ecuador, HCJB/LV de los Andes	German	9835sa				
2300	2330		Egypt, R Cairo	Portuguese	15480sa				
2300	2330		Japan, R Japan NHK World	Japanese	11725va	13680as			
2300	2330		Philippines, FEBC Philippines	Hmong	12095as				
2300	2330		Philippines, FEBC Philippines	Indonesian	9435as				
2300	2330		Philippines, FEBC Philippines	Mon	9795as				
2300	2330		Philippines, FEBC Philippines	Vietnamese	11895as				
2300	2330		USA, BBG/R Free Asia	Khmer	5840as	13740as			
2300	2330	DRM	Vatican City State, Vatican R	English	9755am				
2300	2330		Vatican City State, Vatican R	Italian	3975eu				
2300	2330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as			
2300	2350		North Korea, Korean Central BC Sta	Korean	7235as	9345as	9975as	11535as	
					13760eu	15245eu			
2300	2350		North Korea, Voice of Korea	Japanese	9650as	11865as			
2300	2356		Romania, R Romania Intl	Spanish	9655sa	9745sa	11795sa	11955sa	
2300	2357		Greece, Voice of Greece	Greek	9420va	15630va	15650va		
2315	0000		India, All India R/Aizawl	English/Hindi/Mizo	5050do				
2315	0000		India, All India R/Kolkata	Bengali/English/Hindi/Santhani		4820do			
2315	0000		India, All India R/Shillong	English/Hindi/Mizo/Meghalaya		4970do			
2315	0000		India, All India R/Thiruvananthapuram	English/Hindi/Kerala/Sanskrit/Tamil		5010do			
2315	0000		Nepal, R Nepal	Nepali	5005do				
2315	0000		USA, BBG/R Free Asia	Tibetan	7505as	9805as	9875as	9900as	
2315	0000		Vatican City State, Vatican R	Vietnamese	9600as	12035as			
2330	0000		Australia, ABC/R Australia	English	17750as				
2330	0000		China, China R International	Sinhalese	6100as	7260as			
2330	0000		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7310do	
2330	0000		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do		
2330	0000		Clandestine, Democratic VO of Burma	Burmese	11595as				
2330	0000		Cuba, R Havana Cuba	Portuguese	15370sa				
2330	0000	mtwhf	Ecuador, HCJB/LV de los Andes	Shuar	6050sa				
2330	0000		Egypt, R Cairo	Arabic	13855ca	15480ca			
2330	0000		Iran, VO Islamic Rep of Iran	Chinese	13670as	13715as	15470as		
2330	0000		Japan, R Japan NHK World	Japanese	15415va				
2330	0000		Myanmar, Myanmar R/Natl Pgm/Nay Pyi Tow	Burmese/vernaculars	5915do				
2330	0000		Myanmar, Rakhin BC Sta	Chin	7110do				
2330	0000		Peru, R Bolivar	Spanish	5460do				
2330	0000		Peru, R Frecuencia Popular	Spanish	5485do				
2330	0000		Philippines, FEBC Philippines	Burmese	15600as				
2330	0000		Philippines, FEBC Philippines	Lao	9795as				
2330	0000		Taiwan, R Taiwan Intl	Vietnamese	11655as				
2330	0000	mtwhf	USA, BBG/Voice of America	Spanish	5890ca	9885sa	12000sa		
2330	0000		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do			
2330	0000		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as			
2330	2345		India, All India R/Aligarh	English	9470do				
2330	2345	Sun	India, Athmeeya Yatra R	Bantawa	9520as				
2330	2345	tw	India, Athmeeya Yatra R	Gurung	9520as				

2330	2345	fa	India, Athmeeya Yatra R	Limbu	9520as			
2330	2345	m	India, Athmeeya Yatra R	Lungeli-Magar	9520as			
2330	2345	h	India, Athmeeya Yatra R	Sherpa	9520as			
2330	2345		Philippines, FEBC Philippines	Palaung	12055as			
2330	2345	twhfa	Spain, R Exterior de Espana	Catalan/Gallega/Vasco		9535na	9620sa	15160sa
2330	2357		Philippines, R Veritas Asia	Kachin	9645as			
2330	2357		Philippines, R Veritas Asia	Myanmar	9720as			
2330	2357		Philippines, R Veritas Asia	Vietnamese	9670as			
2345	0000		Australia, HCJB Global Australia	Indonesian	15400as			
2345	0000	twh	India, Athmeeya Yatra R	Burmese	9520as			
2345	0000	sm	India, Athmeeya Yatra R	Chin	9520as			
2345	0000	fa	India, Athmeeya Yatra R	Karbi	9520as			
2345	0000		Philippines, FEBC Philippines	Lu	12055as			
2355	0000		China, China Natl R/CNR13	Uyghur	9655do	9890do		
2355	0000		China, CNR/VO Minorities/CNR13	Uyghur	13700do	15390do		
2355	0000		India, All India R/Mumbai	English/Hindi/Marathi/Sindhi		4840do		

MTXtra Shortwave Broadcast Resource Guide

Afghanistan, RTV Afghanistan	www.rta.org.af
Albania, R Tirana	http://rtsh.sil.at/
Angola, Angolan National R	www.rna.ao/
Anguilla, University Network	www.worldwideuniversitynetwork.com/
Argentina, RAE	www.radionacional.gov.ar
Armenia, Public R of Armenia	www.int.armradio.am
Australia, ABC NT Alice Springs	www.abc.net.au/radio/
Australia, ABC NT Katherine	www.abc.net.au/radio/
Australia, ABC NT Tennant Creek	www.abc.net.au/radio/
Australia, ABC/R Australia	www.radioaustralia.net.au
Australia, HCJB Global Australia	www.hcjb.org.au
Australia, R Symban	www.radiosymban.com.au
Austria, AWR Europe	www.awr2.org
Austria, Radio O1 International	http://oe1.orf.at
Austria, TWR Europe	www.twr.org
Bahrain, R Bahrain	www.radiobahrain.fm
Belarus, Belaruskaje Radyjo 1	www.radiobelarus.tvr.by/eng
Belarus, R Belarus	www.radiobelarus.tvr.by/eng
Belgium, TDP Radio	www.airtime.be/schedule.html
Bolivia, R Fides	www.radiofides.com
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