



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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Thank You ...

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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/VOA/R Ashna	Dari	7560as				
0000	0015	mt	India, Athmik Yatra R	Bodo	7240as				
0000	0015	wh	India, Athmik Yatra R	Khasi	7240as				
0000	0015	fas	India, Athmik Yatra R	Mising	7240as				
0000	0015		Philippines, FEBC Philippines	Khmu	9795as				
0000	0015		Philippines, FEBC Philippines	Tai-Lu	12055as				
0000	0020		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4795do				
0000	0027		Iran, VO Islamic Rep of Iran	Chinese	5915as	6110as		7325as	
0000	0027		Philippines, R Veritas Asia	Karen	11935as				
0000	0027		Philippines, R Veritas Asia	Sinhala	15460as				
0000	0030		Australia, ABC/R Australia	Burmese	12005as				
0000	0030		Australia, ABC/R Australia	Indonesian	17750as				
0000	0030		Australia, HCJB Global Australia	Bahasa	15400as				
0000	0030		China, China Business R	Chinese	3985do	6155do		6190do	7220do
					7245do	7315do		7335do	9755do
					11670do	11740do			
0000	0030		China, China R International	Sinhala	6100as	7260as			
0000	0030		China, VO China	Chinese	4750do	4800do		11710do	17605do
0000	0030		Cuba, R Havana Cuba	Quechua	15370sa				
0000	0030		Ecuador, HCJB/LV de los Andes	Cofan	6050sa				
0000	0030		Egypt, R Cairo	English	9965am	11510al			
0000	0030		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al			
0000	0030		Indonesia, AVR Asia/Pacific	Burmese	17700as				
0000	0030		Indonesia, RRI Pontianak	Indonesian	3976do				
0000	0030		Indonesia, RRI Ternate	Indonesian	3345do				
0000	0030		Peru, R San Antonio	Spanish	3375do	4940do			
0000	0030		Philippines, FEBC Philippines	Burmese	15600as				
0000	0030		Philippines, FEBC Philippines	Chinese	9405as				
0000	0030		Taiwan, R Taiwan Intl	Cantonese	15440as				
0000	0030		Taiwan, R Taiwan Intl	Vietnamese	11665as				
0000	0030		UK, BBC World Service	Burmese	5875as	9510as		12025as	
0000	0030		UK, FEBA Radio	Bangla (rural)	9390as				
0000	0030		USA, BBG/R Free Asia	Vietnamese	9920as	11605as		11965as	15170as
0000	0030		USA, BBG/VO America	Burmese	7430as	9325as		12120as	15115as
					17780as				
0000	0030		USA, BBG/VO America	English	7560as				
0000	0030	twhfa	USA, WHRI Cypress Creek SC	English	9895ca				
0000	0030	sm	USA, WHRI Cypress Creek SC	English	7335ca				
0000	0035		Vanuatu, R Vanuatu	Bislama/English/French		3945do		7260do	
0000	0043		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
0000	0045		Ecuador, HCJB/LV de los Andes	Portuguese	11920sa				
0000	0045		Egypt, R Cairo	Arabic	9250ca	9290sa		13855al	
0000	0045		Germany, HCJB Global Voice	Portuguese	11920sa				
0000	0045	DRM	India, AIR/External Svc	English	9690as	9705as		11710as	13605as
0000	0045		India, AIR/External Svc	English	11645as				
0000	0045		India, AIR/External Svc	Tamil	9835as	9910as		11740as	11985as
					13795as				
					15435as				
0000	0045		Philippines, FEBC Philippines	Shan	15435as				
0000	0056		Romania, R Romania Intl	Spanish	7315sa	9460ca		9525sa	11955sa
0000	0057		China, China R International	Cambodian	9765as	11990as			
0000	0057		China, China R International	Cantonese	11820as	17495as			
0000	0057		China, China R International	Chinese	9435as	11780as		11845as	11900as
					11975as	13580as			
0000	0057		China, China R International	English	6005eu	6020as		6180eu	7350as
					7415as	9425as		9570as	11650as
					11790as	11885as			
0000	0057		China, China R International	Hakka	9550as	9560as		9610as	
0000	0057		China, China R International	Mongolian	9470as	11875as			
0000	0057		China, China R International	Portuguese	6100ca	9435sa			
0000	0057		China, China R International	Russian	5990as	7405as			
0000	0057		China, China R International	Spanish	5990ca	9590va		9800va	15120sa
0000	0057		China, China R International	Vietnamese	11770as	13680as			
0000	0100		Albania, R Tirana	Albanian	7465na				
0000	0100		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0000	0100		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0000	0100		Anguilla, University Network	English	6090na				
0000	0100	mtwhf	Argentina, RAE	Portuguese	11710am				
0000	0100	Sat	Argentina, RAE	Spanish	6060am				
0000	0100	Sun	Argentina, RAE	Spanish	6060am	15345am			
0000	0100		Australia, ABC/R Australia	English	9660pa	12080pa		15240pa	15415pa
					17795pa	19000pa		21740pa	
0000	0100		Australia, NT VL8A Alice Springs	English	4835do				
0000	0100		Australia, NT VL8K Katherine	English	5025do				
0000	0100		Australia, NT VL8T Tennant Creek	English	4910do				
0000	0100		Australia, Symban World R	Greek	2369do				
0000	0100		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0000	0100		Bhutan, Bhutan BC Svc	Dzongkha	6035do				

0000	0100		Bolivia, R Camargo	Spanish/Aymara	3390do			
0000	0100		Bolivia, R Eco	Spanish	4409do			
0000	0100	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do			
0000	0100		Bolivia, R Illimani	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, R Alvorada/Londrina	Portuguese	4865do			
0000	0100		Brazil, R Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
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 Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
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 Iguatemi	Portuguese	4975do			
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 Rural	Portuguese	4765do			
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, Super R Boa Vontade	Portuguese	6160do	9550do		
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	6070do			
0000	0100		Canada, CFVP Calgary AB	English	6030do			
0000	0100		Canada, CKZN St Johns NF	English	6160do			
0000	0100		Canada, CKZU Vancouver BC	English	6160do			
0000	0100		China, Beibu Bay R	Chinese	5050do			
0000	0100		China, China Business R	Chinese	3985do	6155do	6190do	7220do
					7315do	9515do	9620do	9645do
						9675do	9775do	9810do
						9820do	11610do	11670do
						11750do	11835do	15270do
								17625do
0000	0100		China, China Huayi BC	Amoy/Chinese	6185do			
0000	0100		China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do
					7350do	7360do	9480do	9530do
					11685do	15570do		

0000	0100		China, China Natl R/CNR13	Uyghur	9420do	9655do	9890do		
0000	0100		China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
0000	0100		China, Hulun Buir PBS	Chinese	3900do				
0000	0100		China, Hunan 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, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do	
0000	0100		China, Qinghai PBS-1	Chinese	4750do	6145do			
0000	0100		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0000	0100		China, VO China	Chinese	4750do	4800do	5945do	6000do	
					6030do	6125do	6145do	6175do	
					7230do	7290do	7305do	9500do	
					9630do	9645do	9675do	9710do	
					9830do	11710do	11760do	12045do	
					13610do	15380do	15390do	15550do	
					17550do	17565do	17890do		
0000	0100	mtwhf	China, VO Minorities	Korean	5955do	5975do			
0000	0100		China, VO Shenzhen	Amoy/Chinese	6165do	9170do			
0000	0100		China, VO the Strait	Amoy/Hakka	6115do	7280do			
0000	0100		China, VO the Strait	Chinese	4940do	9505do			
0000	0100		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do	
0000	0100		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7230do	
					7260do	7310do	9510do		
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	7205do	
					9560do				
0000	0100		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	7450do	11860do	11950do	
0000	0100		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do			
0000	0100		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
0000	0100		Clandestine, R Republica	Spanish	9490ca				
0000	0100	Sat/Sun	Clandestine, R Republica	Spanish	5954ca				
0000	0100		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
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		Colombia, Salem Stereo	Spanish	14950do				
0000	0100		Cuba, R Havana Cuba	Spanish	6060na	6120ca	9810ca	11680sa	
					11760am	11840sa	15230sa	17705sa	
0000	0100		Cuba, R Rebelde	Spanish	5025na				
0000	0100		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
0000	0100		Dominican Rep, R Amanecer Intl	Spanish	6025do				
0000	0100		Ecuador, Centro R de Imbabura	Spanish	3380do				
0000	0100		Ecuador, La Voz del Napo	Spanish	3280do				
0000	0100		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do				
0000	0100		Egypt, R Cairo	Arabic/General Svc	9305na				
0000	0100	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
0000	0100	DRM	France, R France International	French	3965eu				
0000	0100	Sun	Germany, Mighty KBC Radio	English	7375eu				
0000	0100		Germany, R 6150	English	6070eu				
0000	0100		Germany, R 700	German/various	3955eu				
0000	0100		Greece, Voice of Greece	Greek	7475va	15650ca			
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, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do			
0000	0100		India, AIR/Imphal	Hindi/English/vernaculars		4775do			
0000	0100		India, AIR/Kohima	Hindi/English/vernaculars		4850do			
0000	0100		India, AIR/Mumbai	Hindi/English/Marathi	4840do				
0000	0100		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do			
0000	0100		Indonesia, AWR Asia/Pacific	Mandarin	12035as	17880as			
0000	0100		Indonesia, RRI Fak Fak	Indonesian	4790do				
0000	0100		Indonesia, RRI Jakarta	Indonesian	9680do				
0000	0100		Indonesia, RRI Kendari	Indonesian	3995do				
0000	0100		Indonesia, RRI Palangkaraya	Indonesian	3325do				
0000	0100		Iran, VO Islamic Rep of Iran	Arabic	6060as				
0000	0100		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
0000	0100		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
0000	0100	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do		
0000	0100	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do				
0000	0100		Laos, LNR Natl Svc/Vientane	Lao	6130do				
0000	0100	irreg	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do				
0000	0100		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do			

0000	0100	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0000	0100	Malaysia, RTM Kajang/Traxx FM	English	7295do			
0000	0100	Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0000	0100	Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0000	0100	Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
0000	0100	Mexico, R Educacion	Spanish/English	6185do			
0000	0100	Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0000	0100	Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do		7260do
0000	0100	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0000	0100	Myanmar, Myanma R	Burmese	5985do			
0000	0100	Myanmar, Myanma R	minority languages	5915do			
0000	0100	Myanmar, Thazin R	Burmese	6030do			
0000	0100	Myanmar, Thazin R	minority languages	7110do			
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	Palau, T8WH/World Harvest R	English	17650as			
0000	0100	Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0000	0100	Peru, Aroma Cafe R	Spanish	6060do			
0000	0100	Peru, La Voz de la Selva	Spanish	4824do			
0000	0100	Peru, La Voz de las Huarinjas	Spanish	5059do			
0000	0100	Peru, Ondas del Huallaga	Spanish	3330do			
0000	0100	Peru, R Altura	Spanish/Quechua	5014do			
0000	0100	Peru, R Ancash	Spanish	4992do			
0000	0100	Peru, R Bella	Spanish	4300do			
0000	0100	Peru, R Bethel	Spanish	5921do			
0000	0100	Peru, R Chaski/Red R Integridad	Spanish	5980do			
0000	0100	Peru, R Cultural Amauta	Spanish	4955do			
0000	0100	Peru, R Cusco	Spanish	4780do	4800al		
0000	0100	Peru, R Frecuencia	Spanish	5485do			
0000	0100	Peru, R Genesis	Spanish	4850do			
0000	0100	Peru, R Horizonte	Spanish	5020do			
0000	0100	Peru, R La Voz Bolivar	Spanish	5460do			
0000	0100	Peru, R Logos	Bora/Quechua/Spanish		4810do		
0000	0100	Peru, R Luz Sonida	Spanish	3235do			
0000	0100	Peru, R Madre de Dios	Spanish	4950do			
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	6175do			
0000	0100	Peru, R Union	Spanish	6115do			
0000	0100	Peru, R Universal	Spanish	6088do			
0000	0100	Peru, R Victoria	Spanish	6020do	9722do		
0000	0100	Peru, R Virgen del Carmen	Spanish	4887do			
0000	0100	Peru, R Vision	Spanish	4790do			
0000	0100	Peru, R Voz Cristiana	Spanish/Quechua	4987do			
0000	0100	Philippines, FEBC Philippines	Chinese	12070as			
0000	0100	Russia, VO Russia	English	7290ca			
0000	0100	Russia, VO Russia	Spanish	9395ca	9750sa		
0000	0100	Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0000	0100	Solomon Islands, SIBC	English/Pidgin	9545do			
0000	0100	South Africa, R Sonder Grense	Afrikaans	3320do			
0000	0100	Spain, R Exterior de Espana	Spanish	6125sa	9620sa		
0000	0100	DRM Spain, R Exterior de Espana	Spanish	11815sa			
0000	0100	Tajikistan, R Tojikiston/TR1	Russian	4765do			
0000	0100	Thailand, R Thailand World Svc	English	13745na			
0000	0100	UK, BBC World Service	English	5970as	6195as	7360as	9410as
				9740as	11750as	12095as	13725as
				15335as	15755as		
0000	0100	USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0000	0100	USA, BBG/R Free Asia	Lao	15690as	17770as		
0000	0100	USA, BBG/R Marti	Spanish	6030ca	7365ca	9835ca	
0000	0100	USA, BBG/RFE/RL/R Farda	Farsi	5830as	5860as		
0000	0100	USA, BBG/VO America	Chinese	7495as	9545as	11925as	15125as
				15385as	17645as		
0000	0100	USA, BBG/VO America	Tibetan	5980as	7255as	9645as	
0000	0100	USA, BBG/VOA/R Ashna	Dari	5810as	7560as		
0000	0100	USA, Overcomer Ministry	English	3185na			
0000	0100	USA, WBCQ Monticello ME	English	7490na	7490na	9330na	
0000	0100	USA, WBCQ Monticello ME	English	5110na			
0000	0100	USA, WEWN/EWTN Irondale AL	English	11520af			
0000	0100	USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870ca		
0000	0100	USA, WHRI Cypress Creek SC	English	5920eu			
0000	0100	USA, WINB Red Lion PA	English	9265ca			
0000	0100	USA, WRMI Miami FL	English/Spanish	9955am			

0000	0100		USA, WRNO New Orleans LA	English	7505na				
0000	0100		USA, WTWW Lebanon TN	English	5085sa	5830na			
0000	0100	fasmt	USA, WTWW Lebanon TN	Spanish	12105eu				
0000	0100		USA, WWCR Nashville TN	English	4840eu	5935af	6875eu	7520ca	
0000	0100		USA, WWRB Manchester TN	English	3185na	3215na			
0000	0100		USA, WYFR/Family R	English	6115na				
0000	0100		USA, WYFR/Family R	Portuguese	11565sa				
0000	0100		USA, WYFR/Family R	Spanish	5945ca	11730ca			
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	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0010	0015		Nepal, R Nepal	Sanskrit	5005do				
0015	0030	Sat/Sun	India, Athmik Yatra R	Bengali	7240as				
0015	0030	mt	India, Athmik Yatra R	Chakma	7240as				
0015	0030	f	India, Athmik Yatra R	Ho	7240as				
0015	0030	wh	India, Athmik Yatra R	Santhali	7240as				
0015	0045		Philippines, FEBC Philippines	Lahu	12055as				
0015	0100		India, AIR/Chennai	Hindi/English/Tamil	4920do				
0015	0100		India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as	
0020	0100		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		4800do			
0020	0100		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do			
0020	0100		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		5010do			
0025	0039	mh	Vatican City State, Vatican R	Urdu	7410as	9560as			
0025	0100		India, AIR/Aizawl	Hindi/English/vernaculars		5050do			
0025	0100		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do			
0025	0100		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
0025	0100		India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		5040do			
0025	0100		India, AIR/Kolkata	Bengali/Hindi/Santhani		4820do			
0025	0100		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
0025	0100		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do			
0025	0100		India, AIR/Shimla	Hindi/Sanskrit/Urdu	4860do				
0025	0100		India, AIR/Vivdh Bharati	Hindi	9870do				
0030	0045	mt	India, Athmik Yatra R	Bagri	7215as				
0030	0045	f	India, Athmik Yatra R	Bundelkhandi	7215as				
0030	0045	Sat/Sun	India, Athmik Yatra R	Garhwali	7215as				
0030	0045	w	India, Athmik Yatra R	Khandesi	7215as				
0030	0045	h	India, Athmik Yatra R	Vasavi	7215as				
0030	0045	mtwhf	India, TWR India	Bengali	11965as				
0030	0057		Philippines, R Veritas Asia	Bengali	15265as				
0030	0057		Philippines, R Veritas Asia	Hindi	15280as				
0030	0057		Philippines, R Veritas Asia	Tamil	11855as				
0030	0100		Australia, ABC/R Australia	English	17750as				
0030	0100		Australia, HCJB Global Australia	Rawang	15400as				
0030	0100		China, China Business R	Chinese	3985do	6040do	7375do	11800do	
					11915do	15270do	15500do		
0030	0100		China, VO China	Chinese	4750do	13610do	15380do		
0030	0100		Ecuador, HCJB/LV de los Andes	Quechua	6050sa				
0030	0100		Egypt, R Cairo	Arabic	9965na	11510al			
0030	0100		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
0030	0100		Indonesia, AWR Asia/Pacific	Karen	17700as				
0030	0100		Iran, VO Islamic Rep of Iran	Spanish	6010eu	7420sa			
0030	0100		Taiwan, R Taiwan Intl	Hakka	15440as				
0030	0100		UK, BBC World Service	Bengali	7325as	9510as	12025as		
0030	0100		UK, BBC World Service	Dari	5875as	7435as			
0030	0100		USA, BBG/R Free Asia	Burmese	12115as	15700as	17835as		
0030	0100	mtwhf	USA, BBG/VO America	Spanish	5890ca	9885sa	12000sa		
0030	0100		USA, BBG/VO America	Special English	6170va	9325va	9715va	11695va	
					12005va	15155va	15205va	15290va	
0030	0100		USA, BBG/VOA/R Ashna	Pashto	5925as	7560as			
0030	0100		USA, WHRI Cypress Creek SC	English	7335ca				
0030	0100		Vatican City State, Vatican R	Brasiliano/Portuguese	7305sa				
0040	0100		Vatican City State, Vatican R	Hindi	7410as	9560as			
0045	0100		Egypt, R Cairo	Spanish	9250ca	9720na	9315al	13620sa	
					13855sa				
0045	0100		India, AIR/External Svc	Sinhala	7270as	11740as	11985as		
0045	0100	hf	India, Athmik Yatra R	Dogri	7215as				
0045	0100	Sat/Sun	India, Athmik Yatra R	Kangri	7215as				
0045	0100	w	India, Athmik Yatra R	Magahi	7215as				
0045	0100	mt	India, Athmik Yatra R	Rajasthani	7215as				
0045	0100	mtwhf	India, TWR India	Bhojpuri	11965as				
0045	0100	Sun	India, TWR India	Hindi	11965as				
0045	0100	Sat	India, TWR India	Nepali	11965as				
0045	0100		Pakistan, Azad Kashmir R	Urdu	3975do	4790do			

0045	0100	Pakistan, R Pakistan External Svc	Urdu	11570as	15490as
0045	0100	Philippines, FEBC Philippines	Tai Nua	15435as	
0045	0100	Philippines, FEBC Philippines	Wa	12055as	
0055	0100	India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do	

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

0100	0115	wf	Australia, HCJB Global Australia	Duhdim Nun	15400as			
0100	0115	mtwha	Australia, HCJB Global Australia	English	15400as			
0100	0115	Sat/Sun	Canada, Bible Voice Broadcasting	English	7395as			
0100	0115		India, AIR/External Svc	Sinhala	7270as	11740as	11985as	
0100	0115	Sat/Sun	India, Athmik Yatra R	Kinnauri	7215as			
0100	0115	mt	India, Athmik Yatra R	Marwari	7215as			
0100	0115	hf	India, Athmik Yatra R	Punjabi	7215as			
0100	0115	w	India, Athmik Yatra R	Sindhi	7215as			
0100	0115	mtwhf	India, TWR India	Bhojpuri	11965as			
0100	0115	Sun	India, TWR India	Hindi	11965as			
0100	0115	Sat	India, TWR India	Nepali	11965as			
0100	0115	mtwa	Philippines, FEBC Philippines	Chin Asho	15600as			
0100	0115	hfa	Philippines, FEBC Philippines	Chin Khumi	15600as			
0100	0115	hfa	Philippines, FEBC Philippines	Chin Khumi	15435as			
0100	0120		Vatican City State, Vatican R	Tamil	7410as	9560as		
0100	0127		Philippines, R Veritas Asia	Tamil	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		Cuba, R Havana Cuba	Creole	5040ca			
0100	0130	mtwhf	Ecuador, HCJB/LV de los Andes	Waorani	6050eu			
0100	0130	irreg	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
0100	0130		Myanmar, Myanma R	Burmese	5985do			
0100	0130		Myanmar, Myanma R	minority languages	7200do			
0100	0130		Myanmar, Thazin R	minority languages	7110do			
0100	0130		Peru, R La Voz Bolivar	Spanish	5460do			
0100	0130		Philippines, FEBC Philippines	Javanese	15560as			
0100	0130	mtwhfa	Serbia, International R Serbia	Serbian	6190eu			
0100	0130		UK, BBC World Service	Hindi	6165as	7285as	11995as	15510as
0100	0130		UK, BBC World Service	Pashto	5875as	6195as	7440as	
0100	0130		USA, BBG/R Free Asia	Burmese	12115as	15700as	17835as	
0100	0130		USA, BBG/RFE/RL/R Farda	Farsi	5830as	5860as		
0100	0130		USA, BBG/VOA/R Ashna	Pashto	5925as	7560as		
0100	0130		Vietnam, VO Vietnam/Overseas Svc	English	9640na			
0100	0145		USA, WYFR/Family R	Spanish	5945ca	11730ca		
0100	0156		Romania, R Romania Intl	English	6145na	7325na		
0100	0156		Romania, R Romania Intl	Romanian	5910na	7340na		
0100	0157		China, China R International	Amoy	9460as	9550as	9610as	9860as
					11945as	11980eu	15425as	17495as
0100	0157		China, China R International	Chinese	7250as	7300as	9600as	11640as
					11770as	13580as	13655va	15160as
0100	0157		China, China R International	English	6020as	6075eu	6175eu	7350as
					9410as	9420na	9570na	9580as
					11650as	11885as		
0100	0157		China, China R International	Russian	5905eu	13600eu		
0100	0157		China, China R International	Spanish	9590ca	9710sa		
0100	0157		China, China R International	Urdu	6020as			
0100	0200		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
0100	0200		Angola, R Nac de Angola/Intl Svcnational languages		7217af			
0100	0200		Anguilla, University Network	English	6090na			
0100	0200	twhfa	Argentina, RAE	Japanese	11710as			
0100	0200	Sat	Argentina, RAE	Spanish	6060am			
0100	0200	Sun	Argentina, RAE	Spanish	6060am	15345am		
0100	0200		Australia, ABC/R Australia	English	9660pa	12080pa	15160pa	15240pa
					15415as	17750pa	17795pa	19000pa
0100	0200		Australia, NT VL8A Alice Springs	English	4835do			
0100	0200		Australia, NT VL8K Katherine	English	5025do			
0100	0200		Australia, NT VL8T Tennant Creek	English	4910do			
0100	0200		Australia, Symban World R	Greek	2369do			
0100	0200		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
0100	0200		Bhutan, Bhutan BC Svc	Dzongkha	6035do			
0100	0200		Bolivia, R Camargo	Spanish/Aymara	3390do			
0100	0200		Bolivia, R Eco	Spanish	4409do			
0100	0200	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do			
0100	0200		Bolivia, R Illimani	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, R Alvorada/Londrina	Portuguese	4865do			
0100	0200	Brazil, R Alvorada/Paritins	Portuguese	4965do			
0100	0200	Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0100	0200	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
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	4878do			
0100	0200	Brazil, R Difusora/Caceres	Portuguese	5055do			
0100	0200	Brazil, R Difusora/Londrina	Portuguese	4815do			
0100	0200	Brazil, R Difusora/Macapa	Portuguese	4915do			
0100	0200	Brazil, R Educadora Rural/Tefe	Portuguese	4925do			
0100	0200	Brazil, R Educadora/Limeira	Portuguese	2380do			
0100	0200	Brazil, R Guaiba	Portuguese	6000do	11785do		
0100	0200	Brazil, R Guaruja Paulista	Portuguese	5045do			
0100	0200	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
0100	0200	Brazil, R Iguatemi	Portuguese	4975do			
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, Super R Boa Vontade	Portuguese	6160do	9550do		
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	6070do			
0100	0200	Canada, CFVP Calgary AB	English	6030do			
0100	0200	Canada, CKZN St Johns NF	English	6160do			
0100	0200	Canada, CKZU Vancouver BC	English	6160do			
0100	0200	China, China Business R	Chinese	3985do	6040do	6190do	7220do
				7315do	9515do	9620do	9645do
				9675do	9755do	9810do	9820do
				11610do	11660do	11670do	11740do
				11800do	11835do	11845do	11915do
				15270do	15500do	15540do	15770do
				17625do			
0100	0200	China, China Huayi BC	Amyo/Chinese	6185do			
0100	0200	China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do	15570do
0100	0200	China, China Natl R/CNR13	Uyghur	9420do	15390do		
0100	0200	China, Hulun Buir PBS	Chinese	3900do			
0100	0200	China, Hunan 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, Quinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0100	0200	China, Quinghai PBS-1	Chinese	4750do	6145do		
0100	0200	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0100	0200	China, VO China	Chinese	4750do	4800do	5945do	6030do
				6125do	6145do	7230do	7290do
				7305do	9500do	9630do	9645do
				9675do	9710do	11720do	11760do
				11960do	12045do	13610do	15370do
				15380do	15390do	15480do	15550do
				17550do	17565do	17595do	
0100	0200	China, VO Minorities	Kazakh	6145do	9455do	11630do	11780do
				11810do	12055do	15415do	15670do
0100	0200	China, VO Shenzhou	Amyo/Chinese	6165do	11905do	15710do	
0100	0200	China, VO the Strait	Amyo/Hakka	6115do	7280do		

0100	0200		China, VO the Strait	Chinese	4940do	9505do		
0100	0200		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0100	0200		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7230do
					7260do	7310do	9510do	
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	7205do
					9560do			
0100	0200		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
					7240do	7450do	11860do	11950do
0100	0200		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
					6130do	7385do		
0100	0200		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do			
0100	0200		Clandestine, R Republica	Spanish	9490ca			
0100	0200	Sat/Sun	Clandestine, R Republica	Spanish	5954ca			
0100	0200		Clandestine, Sound of Hope R Intl	Chinese	6220as	7970as	9970as	10960as
					12230as	12670as	12800as	13270as
					15940as			
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		Colombia, Salem Stereo	Spanish	14950do			
0100	0200		Cuba, R Havana Cuba	English	5040ca	6000na	6165na	
0100	0200		Cuba, R Havana Cuba	Spanish	6060na	6120ca	9810ca	11680sa
					11760am	11840sa	15230sa	17705sa
0100	0200		Cuba, R Rebelde	Spanish	5025na			
0100	0200		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0100	0200		Dominican Rep, R Amanecer Intl	Spanish	6025do			
0100	0200		Ecuador, Centro R de Imbabura	Spanish	3380do			
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		Egypt, R Cairo	Arabic	9965na	11510al		
0100	0200		Egypt, R Cairo	Arabic/General Svc	9305na			
0100	0200		Egypt, R Cairo	Spanish	9250ca	9720na	9315al	13620sa
					13855sa			
0100	0200	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0100	0200	DRM	France, R France International	French	3965eu			
0100	0200	Sun	Germany, Mighty KBC Radio	English	7375eu			
0100	0200		Germany, R 6150	English	6070eu			
0100	0200		Germany, R 700	German/various	3955eu			
0100	0200		Greece, Voice of Greece	Greek	7475va	15650ca		
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, AIR/Aizawl	Hindi/English/vernaculars		5050do		
0100	0200		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do		
0100	0200		India, AIR/Chennai	Hindi/English/Tamil	4920do			
0100	0200		India, AIR/External Svc	Sindhi	5990as	7370as	9635as	
0100	0200		India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as
0100	0200		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
0100	0200		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0100	0200		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		4800do		
0100	0200		India, AIR/Imphal	Hindi/English/vernaculars		4775do		
0100	0200		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
0100	0200		India, AIR/Jaipur	Hindi/English/vernaculars		4910do		
0100	0200		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit		5040do		
0100	0200		India, AIR/Kohima	Hindi/English/vernaculars		4850do		
0100	0200		India, AIR/Kolkata	Bengali/Hindi/Santhani		4820do		
0100	0200		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
0100	0200		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0100	0200		India, AIR/Mumbai	Hindi/English/Marathi	4840do			
0100	0200		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
0100	0200		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
0100	0200		India, AIR/Shimla	Hindi/Sanskrit/Urdu	4860do			
0100	0200		India, AIR/Srinagar	Hindi/English/vernaculars		4950do		
0100	0200		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		5010do		
0100	0200		India, AIR/Vidh Bharati	Hindi	9870do			
0100	0200		Indonesia, AWR Asia/Pacific	Mandarin	12035as	17700as	17800as	
0100	0200		Indonesia, RRI Jakarta	Indonesian	9680do			
0100	0200		Iran, VO Islamic Rep of Iran	Arabic	6060as			
0100	0200		Iran, VO Islamic Rep of Iran	Spanish	6010eu	7420sa		
0100	0200		Iran, VO Islamic Rep of Iran	Tajik	5950as	7435as		
0100	0200		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0100	0200		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0100	0200	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0100	0200	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			

0100	0200		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0100	0200		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0100	0200		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0100	0200		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0100	0200		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0100	0200		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0100	0200		Mexico, R Educacion	Spanish/English	6185do			
0100	0200		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0100	0200		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0100	0200		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0100	0200		Myanmar, Myanma R	minority languages	5915do			
0100	0200		Myanmar, Thazin R	Burmese	6030do			
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, R Pakistan External Svc	Urdu	11570as	15490as		
0100	0200		Palau, T8WH/World Harvest R	English	17650as			
0100	0200		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0100	0200		Peru, Aroma Cafe R	Spanish	6060do			
0100	0200		Peru, La Voz de las Huarinjas	Spanish	5059do			
0100	0200		Peru, R Altura	Spanish/Quechua	5014do			
0100	0200		Peru, R Ancash	Spanish	4992do			
0100	0200		Peru, R Bella	Spanish	4300do			
0100	0200		Peru, R Cusco	Spanish	4780do	4800al		
0100	0200		Peru, R Frecuencia	Spanish	5485do			
0100	0200		Peru, R Genesis	Spanish	4850do			
0100	0200		Peru, R Horizonte	Spanish	5020do			
0100	0200		Peru, R Logos	Bora/Quechua/Spanish		4810do		
0100	0200		Peru, R Luz Sonida	Spanish	3235do			
0100	0200		Peru, R Madre de Dios	Spanish	4950do			
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	6175do			
0100	0200		Peru, R Union	Spanish	6115do			
0100	0200		Peru, R Universal	Spanish	6088do			
0100	0200		Peru, R Victoria	Spanish	6020do	9722do		
0100	0200		Peru, R Virgen del Carmen	Spanish	4887do			
0100	0200		Peru, R Vision	Spanish	4790do			
0100	0200		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
0100	0200		Philippines, FEBC Philippines	Chin Asho	15435as			
0100	0200		Philippines, FEBC Philippines	Chinese	15455as			
0100	0200		Russia, VO Russia	English	7290ca			
0100	0200		Russia, VO Russia	Spanish	9395ca	9750sa		
0100	0200		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0100	0200	Sun	Serbia, International R Serbia	Serbian	6190eu			
0100	0200		Solomon Islands, SIBC	English/Pidgin	9545do			
0100	0200		South Africa, R Sonder Grense	Afrikaans	3320do			
0100	0200		South Korea, KBS World R	English	9690as			
0100	0200		South Korea, KBS World R	Japanese	9580as			
0100	0200		South Korea, KBS World R	Spanish	11635sa	11810sa		
0100	0200		South Korea, KBS World R	Vietnamese	9690as			
0100	0200		Spain, R Exterior de Espana	Spanish	6125sa	9620sa	9765sa	
0100	0200	Sat	Taiwan, AWR Asia	Vietnamese	15445as			
0100	0200		Taiwan, R Taiwan Intl	English	11875as			
0100	0200		Taiwan, R Taiwan Intl	Spanish	11565ca			
0100	0200		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0100	0200		Thailand, R Thailand World Svc	Thai	13745na			
0100	0200		Turkey, VO Turkey	Turkish	6000as			
0100	0200		UK, BBC World Service	English	5940eu	5970as	9740as	11750as
					12095as	15310as	15335as	15755as
					17685as			
0100	0200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0100	0200		USA, BBG/R Free Asia	Tibetan	9670as	11695as	13620as	15610as
					17730as			
0100	0200		USA, BBG/R Free Asia	Uyghur	7480as	9480as	9645as	9690as
					17805as			
0100	0200		USA, BBG/R Free Europe/R Liberty	Circassian	7235as	9790as		
0100	0200		USA, BBG/R Free Europe/R Liberty	Kazakh	7235as	9790as		
0100	0200		USA, BBG/R Free Europe/R Liberty	Tajik	9880as	11795as		
0100	0200		USA, BBG/R Marti	Spanish	6030ca	7365ca	9835ca	
0100	0200		USA, BBG/VO America	English	9435va	11705va	15155va	
0100	0200	twfha	USA, BBG/VO America	Spanish	5890ca	9885sa	12000sa	
0100	0200		USA, BBG/VOA/Deewa R	Pashto	9370as	9565as	12005as	

0100	0200		USA, KJES Vado NM	English	7555na			
0100	0200		USA, Overcomer Ministry	English	3185na			
0100	0200	mtwhf	USA, Overcomer Ministry	English	7490na			
0100	0200		USA, WBCQ Monticello ME	English	7490na	9330na		
0100	0200	fas	USA, WBCQ Monticello ME	English	5110na			
0100	0200		USA, WEWN/EWTN Irondale AL	English	11520af			
0100	0200		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870ca		
0100	0200		USA, WHRI Cypress Creek SC	English	5920eu			
0100	0200	m	USA, WHRI Cypress Creek SC	English	9605ca			
0100	0200	twhf	USA, WHRI Cypress Creek SC	English	7315sa			
0100	0200		USA, WINB Red Lion PA	English	9265ca			
0100	0200		USA, WRMI Miami FL	English/Spanish	9955am			
0100	0200		USA, WRNO New Orleans LA	English	7505na			
0100	0200		USA, WTWW Lebanon TN	English	5085sa	5830na		
0100	0200	fasmt	USA, WTWW Lebanon TN	Spanish	12105eu			
0100	0200		USA, WWCN Nashville TN	English	3215eu	4840na	5935af	7520ca
0100	0200		USA, WWRB Manchester TN	English	3185na	3215na		
0100	0200		USA, WYFR/Family R	English	6115na			
0100	0200		USA, WYFR/Family R	Spanish	11730ca	11825ca		
0100	0200		Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as		
0100	0200		Vanuatu, R Vanuatu	Bislama/English/French		7260do		
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	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0110	0130		Sri Lanka, SLBC	Bengali	7190as	11905as		
0115	0120	mtwhf	Kyrgyzstan, Kyrgyz Radiosu	English	4010do			
0115	0130	m	India, Athmik Yatra R	Bhili	7215as			
0115	0130	w	India, Athmik Yatra R	Kotwali	7215as			
0115	0130	t	India, Athmik Yatra R	Kukna	7215as			
0115	0130	h	India, Athmik Yatra R	Vadari	7215as			
0115	0130	f	India, Athmik Yatra R	Varli	7215as			
0115	0130	mtws	India, TWR India	Dzonka	11965as			
0115	0130	hfa	Philippines, FEBC Philippines	Karen (Pwo)	15600as			
0115	0130		Philippines, FEBC Philippines	Meitei	15435as			
0115	0145	t	Spain, R Exterior de Espana	Sefardi	11780sa			
0120	0140		Vatican City State, Vatican R	Malayalam	7410as	9560as		
0120	0200		Myanmar, Thazin R	English	6030do			
0120	0200	mtwhfa	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0128	0200		India, AIR/Leh	Hindi/English/vernaculars		4660do		
0130	0145	mtws	Philippines, FEBC Philippines	Maru	15600as			
0130	0145	hfa	Philippines, FEBC Philippines	Zaiwa	15600as			
0130	0157		Philippines, R Veritas Asia	Chin	15255as			
0130	0200		China, China R International	Nepali	11860as	13780as		
0130	0200		Cuba, R Havana Cuba	French	5040ca			
0130	0200	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0130	0200		India, AIR/Chennai/FM Gold	Hindi/English	7270do			
0130	0200	DRM	India, AIR/External Svc	Nepali	11715as			
0130	0200		India, AIR/External Svc	Nepali	3945as	7420as	9810as	
0130	0200		Iran, VO Islamic Rep of Iran	Kazakh	6040as	7205as		
0130	0200		Iran, VO Islamic Rep of Iran	Urdu	3965as	6100as	6185as	
0130	0200		Japan, R Japan/NHK World	Hindi	9785as			
0130	0200		Myanmar, Thazin R	minority languages	9560do			
0130	0200		Philippines, FEBC Philippines	Chin Asho	15435as			
0130	0200		Philippines, R Veritas Asia	Vietnamese	15530as			
0130	0200	twhfa	Serbia, International R Serbia	English	6190eu			
0130	0200	m	Serbia, International R Serbia	Serbian	6190eu			
0130	0200		Sri Lanka, SLBC	Tamil	7190as	11905as		
0130	0200		UK, BBC World Service	Bengali	9510as	15270as		
0130	0200		UK, BBC World Service	Dari	5875as	6195as	7445as	
0130	0200		UK, BBC World Service	Urdu	5980as	6165as	7285as	15510as
0130	0200		USA, BBG/RFE/RL/R Farda	Farsi	5830as	5860as	7400as	9445as
					9495as			
0130	0200	twtha	USA, BBG/VO America	Special English	5960va	7465va		
0130	0200		USA, BBG/VOA/R Ashna	Dari	7560as	9335as		
0130	0200		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9640na			
0140	0159		Vatican City State, Vatican R	English	7410as	9560as		
0145	0200		USA, WYFR/Family R	Spanish	9930ca			

0200 UTC - 10PM EDT / 9PM CDT / 7PM PDT

0200	0210	t	China, Hulun Buir PBS	Chinese	3900do			
0200	0215		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do		
0200	0215		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		4800do		
0200	0215		India, AIR/Imphal	Hindi/English/vernaculars		4775do		
0200	0215		India, AIR/Kolkata	Bengali/Hindi/Santhoni		4820do		

0200	0215	India, AIR/Srinagar	Hindi/English/vernaculars	4950do			
0200	0215	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil	5010do			
0200	0215	Pakistan, R Pakistan External Svc	Urdu	11570as	15490as		
0200	0215	mtwhfa UK, FEBA Radio	Urdu	7315as			
0200	0220	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4795do			
0200	0220	Vatican City State, Vatican R	Hindi	15460as			
0200	0227	China, China R International	Nepali	11860as	13780as		
0200	0227	China, China R International	Pashto	6065as	7350as	15435as	
0200	0227	Iran, VO Islamic Rep of Iran	Arabic	6060as			
0200	0227	Iran, VO Islamic Rep of Iran	Kazakh	6040as	7205as		
0200	0227	Iran, VO Islamic Rep of Iran	Spanish	6010eu	7420sa		
0200	0227	Iran, VO Islamic Rep of Iran	Tajik	5950as	7435as		
0200	0227	Iran, VO Islamic Rep of Iran	Urdu	3965as	6100as	6185as	
0200	0230	Sat Argentina, RAE	Spanish	6060am	15345eu		
0200	0230	Austria, AWR Europe	Urdu	5970as			
0200	0230	Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0200	0230	DRM India, AIR/External Svc	Nepali	11715as			
0200	0230	India, AIR/External Svc	Nepali	3945as	7420as	9810as	
0200	0230	India, AIR/Uttaranchal Prg	Hindi	6030do			
0200	0230	Philippines, R Veritas Asia	Vietnamese	15530as			
0200	0230	twhfa Serbia, International R Serbia	Serbian	6190eu			
0200	0230	South Korea, KBS World R	Spanish	15575na			
0200	0230	Thailand, R Thailand World Svc	English	15275na			
0200	0230	UK, BBC World Service	Burmese	9460as	11975as	11995as	
0200	0230	UK, BBC World Service	Pashto	6140as	6195as	7445as	
0200	0230	Sun UK, FEBA Radio	Urdu	7315as			
0200	0230	USA, BBG/RFE/RL/R Farda	Farsi	5830as	5860as	7400as	9430as
				9445as	9495as		
				7560as	9335as		
0200	0230	USA, BBG/VOA/R Ashna	Dari	7560as			
0200	0230	USA, KJES Vado NM	English	7555na			
0200	0230	Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9640na			
0200	0245	India, AIR/Chennai	Hindi/English/Tamil	4920do			
0200	0245	Vatican City State, Vatican R	Spanish	7305ca			
0200	0250	Greece, Voice of Greece	Greek	15650ca			
0200	0255	Turkey, VO Turkey	Spanish	9410sa	9650ca		
0200	0256	Romania, R Romania Intl	French	5975na	7325na		
0200	0256	Romania, R Romania Intl	Romanian	5910na	7340na		
0200	0257	China, China R International	Amoy	15425as	17495as		
0200	0257	China, China R International	Bengali	9655as	11640as		
0200	0257	China, China R International	Chinese	6020as	7330as	9570as	9580as
				9690sa	9825as	13655as	15140as
				15160as			
0200	0257	China, China R International	English	11785as	13640as		
0200	0257	China, China R International	Russian	5915as	17640va		
0200	0257	China, China R International	Spanish	9590ca	9710sa		
0200	0257	China, China R International	Tamil	11870as	13715as		
0200	0257	China, China R International	Urdu	6020as	7290as		
0200	0257	Iran, VO Islamic Rep of Iran	Hindi	9510as	11820as		
0200	0300	Angola, R Nac de Angola/Canal A	Portuguese	4950do			
0200	0300	Angola, R Nac de Angola/Intl Svcnational languages		7217af			
0200	0300	Anguilla, University Network	English	6090na			
0200	0300	twhfa Argentina, RAE	English	11710am			
0200	0300	Sun Argentina, RAE	Spanish	6060am	15345am		
0200	0300	Australia, ABC/R Australia	English	9660pa	12080pa	15160pa	15240pa
				15415as	17750pa	17795pa	19000pa
0200	0300	Australia, NT VL8A Alice Springs	English	4835do			
0200	0300	Australia, NT VL8K Katherine	English	5025do			
0200	0300	Australia, NT VL8T Tennant Creek	English	4910do			
0200	0300	Australia, Symban World R	Greek	2369do			
0200	0300	Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
0200	0300	Bhutan, Bhutan BC Svc	Dzongkha	6035do			
0200	0300	Bolivia, R Camargo	Spanish/Aymara	3390do			
0200	0300	Bolivia, R Eco	Spanish	4409do			
0200	0300	fa Bolivia, R Fides	Spanish/Aymara	6155do			
0200	0300	Bolivia, R Illimani	Spanish/Aymara/Quechua		6025do		
0200	0300	Bolivia, R Panamericana	Spanish	5765do	6105do		
0200	0300	Bolivia, R San Jose	Spanish	5580do			
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, 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 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 Cultura/Manaus	Portuguese	4845do			
0200	0300	Brazil, R Daqui	Portuguese	4915do	6080do	11830do	
0200	0300	Brazil, R Difusora Acreana	Portuguese	4885do			
0200	0300	Brazil, R Difusora Roraima	Portuguese	4878do			
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	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 Iguatemi	Portuguese	4975do			
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 Boa Vontade	Portuguese	6160do	9550do		
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	6070do			
0200	0300	Canada, CFVP Calgary AB	English	6030do			
0200	0300	Canada, CKZN St Johns NF	English	6160do			
0200	0300	Canada, CKZU Vancouver BC	English	6160do			
0200	0300	China, China Business R	Chinese	3985do	6190do	7220do	7315do
				9515do	9620do	9645do	9645do
				9755do	9810do	11610do	11660do
				11670do	11740do	11750do	11800do
				11835do	11845do	11915do	12080do
				15270do	15500do	15540do	15770do
				17625do	17890do		
0200	0300	China, China Huayi BC	Amoy/Chinese	6185do			
0200	0300	China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do	15570do
0200	0300	China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
0200	0300	China, Hulun Buir PBS	Chinese	3900do			
0200	0300	China, Hunan PBS	Chinese	3900do			
0200	0300	China, Nei Menggu PBS	Chinese	7420do	9520do		
0200	0300	China, Nei Menggu PBS	Mongolian	6040do	7270do	9610do	9750do
				11815do			
0200	0300	China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0200	0300	China, Qinghai PBS-1	Chinese	4750do	6145do	9780do	
0200	0300	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0200	0300	China, VO China	Chinese	4750do	4800do	5945do	6030do
				6125do	6145do	7230do	7290do
				7305do	9500do	9630do	9645do
				9675do	9710do	11720do	11760do
				12045do	13610do	15370do	15380do
				15390do	15480do	15550do	17550do
				17565do	17580do	17595do	
0200	0300	China, VO Minorities	Kazakh	6145do	9455do	11630do	11780do
				12055do	15415do	15670do	
0200	0300	China, VO Shenzhou	Amoy/Chinese	6165do	11905do	15710do	
0200	0300	China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
0200	0300	China, VO the Strait	Chinese	6115do			
0200	0300	China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0200	0300	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7230do
				7260do	7310do	9510do	
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	7205do
				9560do			
0200	0300	China, Xizang PBS	Chinese	4820do	5935do	6050do	7240do
				11860do	11950do		
0200	0300	China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6010do
				6110do	6130do	7385do	9490do
				9580do	11685do	15570do	
0200	0300	China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do			
0200	0300	Clandestine, R VO Kurdistan	Kurdish	3930as			

0200	0300		Clandestine, Sound of Hope R Intl	Cantonese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
0200	0300		Clandestine, Sound of Hope R Intl	Chinese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
0200	0300		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0200	0300		Colombia, R Alcaravan	Spanish	5910do			
0200	0300		Colombia, Salem Stereo	Spanish	14950do			
0200	0300		Cuba, R Havana Cuba	English	6000na	6165na		
0200	0300		Cuba, R Havana Cuba	Spanish	6060na 11760am	6120ca 11840sa	9810ca 15230sa	11680sa 17705sa
0200	0300		Cuba, R Rebelde	Spanish	5025na			
0200	0300		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0200	0300		Dominican Rep, R Amanecer Intl	Spanish	6025do			
0200	0300		Ecuador, Centro R de Imbabura	Spanish	3380do			
0200	0300	Sat/Sun	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
0200	0300	mtwhf	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		Egypt, R Cairo	Arabic	9965na	11510al		
0200	0300		Egypt, R Cairo	Arabic/General Svc	9305na	9905na		
0200	0300		Egypt, R Cairo	English	9720na	9315al		
0200	0300	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0200	0300	DRM	France, R France International	French	3965eu			
0200	0300	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0200	0300		Germany, R 6150	English	6070eu			
0200	0300		Germany, R 700	German/various	3955eu			
0200	0300		Greece, Voice of Greece	Greek	7475va			
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, AIR/Aizawl	Hindi/English/vernaculars		5050do		
0200	0300		India, AIR/Chennai/FM Gold	Hindi/English	7270do			
0200	0300		India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as
0200	0300		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
0200	0300		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0200	0300		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
0200	0300		India, AIR/Jaipur	Hindi/English/vernaculars		4910do		
0200	0300		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit		5040do		
0200	0300		India, AIR/Kohima	Hindi/English/vernaculars		4850do		
0200	0300		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
0200	0300		India, AIR/Leh	Hindi/English/vernaculars		4660do		
0200	0300		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0200	0300		India, AIR/Mumbai	Hindi/English/Marathi	4840do			
0200	0300		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
0200	0300		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
0200	0300		India, AIR/Vivdh Bharati	Hindi	9870do			
0200	0300		Indonesia, RRI Jakarta	Indonesian	9680do			
0200	0300		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0200	0300		Japan, R Japan/NHK World	Japanese	5960am 15195as	9620va 15325as	11860as	11935sa
0200	0300		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0200	0300	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0200	0300	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0200	0300		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0200	0300		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0200	0300		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0200	0300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0200	0300		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0200	0300		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0200	0300		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0200	0300		Mexico, R Educacion	Spanish/English	6185do			
0200	0300		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0200	0300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0200	0300		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9575va			
0200	0300		Myanmar, Myanma R	minority languages	5915do			
0200	0300		Myanmar, Thazin R	minority languages	9590do			
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	13600af			
0200	0300		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0200	0300		Palau, T8WH/World Harvest R	English	17650as			
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 Logos	Bora/Quechua/Spanish		4810do		
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	6175do			
0200	0300		Peru, R Union	Spanish	6115do			
0200	0300		Peru, R Victoria	Spanish	6020do	9722do		
0200	0300		Peru, R Virgen del Carmen	Spanish	4887do			
0200	0300		Peru, R Vision	Spanish	4790do			
0200	0300		Philippines, R Pilipinas Overseas Svc	English	15285me	17700me	17820me	
0200	0300		Russia, VO Russia	English	7290ca			
0200	0300		Russia, VO Russia	Russian	12070as			
0200	0300		Russia, VO Russia	Spanish	9395ca	9480sa	9750sa	
0200	0300		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do			
0200	0300		Solomon Islands, SLBC	English/Pidgin	9545do			
0200	0300		South Africa, R Sonder Grense	Afrikaans	3320do			
0200	0300		South Korea, KBS World R	English	9580sa	9640as		
0200	0300		South Korea, KBS World R	Japanese	11810as			
0200	0300		Spain, R Exterior de Espana	Spanish	3350ca	6125sa	9535ca	9620sa
					9765sa			
0200	0300	mtwhfa	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0200	0300		Sri Lanka, SLBC	Hindi	7190as	11905as		
0200	0300		Taiwan, R Taiwan Intl	Spanish	11995sa			
0200	0300		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0200	0300		Tajikistan, VO Tajik	Tajik	7245as			
0200	0300		Turkey, VO Turkey	Turkish	6000as			
0200	0300		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0200	0300		UK, BBC World Service	English	5875eu	5940eu	7435af	12095as
					15310as			
0200	0300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0200	0300		USA, BBG/R Free Asia	Tibetan	9670as	9700as	11695as	15520as
					17730as			
0200	0300		USA, BBG/R Free Europe/R Liberty	Tajik	9880as	11795as		
0200	0300		USA, BBG/R Free Europe/R Liberty	Turkmen	7390as	12015as		
0200	0300		USA, BBG/R Free Europe/R Liberty	Uzbek	9855as	12025as	15650as	
0200	0300		USA, BBG/R Marti	Spanish	6030ca	7365ca	9835ca	
0200	0300		USA, BBG/VOA/Deewa R	Pashto	9370as	9565as	12005as	
0200	0300		USA, Overcomer Ministry	English	3185na			
0200	0300	mtwhf	USA, Overcomer Ministry	English	7490na			
0200	0300		USA, WBCQ Monticello ME	English	7490na	9330na		
0200	0300	fas	USA, WBCQ Monticello ME	English	5110na			
0200	0300		USA, WEWN/EWTN Irondale AL	English	11520af			
0200	0300		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870ca		
0200	0300		USA, WHRI Cypress Creek SC	English	5920eu	7315sa		
0200	0300		USA, WINB Red Lion PA	English	9265ca			
0200	0300		USA, WRMI Miami FL	English/Spanish	9955am			
0200	0300		USA, WRNO New Orleans LA	English	7505na			
0200	0300		USA, WTWW Lebanon TN	English	5085sa	5830na		
0200	0300	asmtw	USA, WTWW Lebanon TN	Portuguese	12105eu			
0200	0300		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0200	0300		USA, WWRB Manchester TN	English	3185na	3195na		
0200	0300		USA, WYFR/Family R	English	6115na			
0200	0300		USA, WYFR/Family R	Spanish	6875ca	9930ca		
0200	0300		Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as		
0200	0300		Vanuatu, R Vanuatu	Bislama/English/French		7260do		
0200	0300		Vatican City State, Vatican R	English/Hindi/Tamil/Malayalam		15460as		
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	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0215	0227	Sun	Nepal, R Nepal	English	5005do			
0215	0230	mtwhfa	UK, FEBA Radio	mixed languages	7315as			
0215	0300		India, AIR/External Svc	Kannada	13695me	15120me		
0215	0300		India, AIR/External Svc	Pashto	9835as	9910as	11735as	11740as
0215	0300		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
0215	0300		Myanmar, Myanma R	English	9731do			
0220	0240		Vatican City State, Vatican R	Tamil	15460as			
0225	0300		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do		
0225	0300		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0225	0300		India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0225	0300		India, AIR/Srinagar	Hindi/English/vernaculars		6110do		
0230	0257		Iran, VO Islamic Rep of Iran	Uzbek	6175as	7300as		
0230	0300	twhfas	Albania, R Tirana	English	6100na			
0230	0300		Austria, AWR Europe	Panjabi	5970as			
0230	0300		China, China R International	Nepali	11730as	13780as		
0230	0300		China, Xizang PBS	Chinese	6145do			
0230	0300		Clandestine, R Sedayee Kashmir	Kashmiri	4870as			

0230	0300		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4875as		
0230	0300		India, AIR/Delhi	English/Hindi	6030do			
0230	0300		India, AIR/Delhi	English/Hindi	4870do			
0230	0300	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
0230	0300		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do		
0230	0300		Iran, VO Islamic Rep of Iran	Pashto	5950as	6095as		
0230	0300		Iran, VO Islamic Rep of Iran	Spanish	6010eu			
0230	0300		Iran, VO Islamic Rep of Iran/Al Quds TV	Arabic	11660as	11760as		
0230	0300		Madagascar, AWR Africa	Malagasy	3215af			
0230	0300		Moldova, R Payem e-Doost	Farsi	7460as			
0230	0300		Myanmar, Myanma R	English	5985do			
0230	0300		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0230	0300		Thailand, R Thailand World Svc	Thai	15275na			
0230	0300		UK, BBC World Service	Dari	6140as	6195as	7445as	
0230	0300		UK, BBC World Service	Farsi	5985as	6165as	7410as	9800as
0230	0300		UK, BBC World Service	Hindi	7510as	9560as	11995as	15510as
0230	0300		UK, FEBA Radio/R Sadaye Zindagi	Dari	6125as			
0230	0300		USA, BBG/RFE/RL/R Farda	Farsi	5830as	5860as	9430as	15690as
0230	0300		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as		
0230	0300		USA, BBG/VO America	Farsi	7360as	9445as	9495as	
0230	0300		Vietnam, VO Vietnam/Overseas Svc	English	9640na			
0240	0300		Vatican City State, Vatican R	Malayalam	15460as			
0245	0300		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0255	0300		Greece, Voice of Greece	Greek	11645va			
0255	0300	Sun	Swaziland, TWR Africa	English	3200af			
0255	0300	mtwhfa	Swaziland, TWR Africa	Ndebele	3200af			
0255	0300		Swaziland, TWR Africa	Shona	3240af			
0258	0300		Ethiopia, Fana BC/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, AIR/Delhi	English/Hindi	6030do			
0300	0310	Sat	Swaziland, TWR Africa	Ndebele	3200af			
0300	0315		Canada, Bible Voice Broadcasting	Arabic	7325me			
0300	0315		Germany, R Dardasha 7	Arabic	7325me			
0300	0315		Moldova, R Payem e-Doost	Farsi	7460as			
0300	0315		UK, FEBA Radio	Dari	6125as			
0300	0315		UK, FEBA Radio	mixed languages	6125as			
0300	0320		USA, BBG/R Free Europe/R Liberty	Avar	5975eu	5995eu		
0300	0320		Vatican City State, Vatican R	English	15460as			
0300	0320		Vatican City State, Vatican R	English/Hindi/Tamil/Malayalam		15460as		
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		China, China R International	Nepali	11730as	13780as		
0300	0327		Iran, VO Islamic Rep of Iran	Armenia	5915eu			
0300	0327		Iran, VO Islamic Rep of Iran	Pashto	5950as	6095as		
0300	0327		Iran, VO Islamic Rep of Iran	Russian	9510eu	11925eu		
0300	0327		Iran, VO Islamic Rep of Iran	Spanish	6010eu			
0300	0327		Vatican City State, Vatican R	English	9660af	11625af		
0300	0330		Bolivia, R Eco	Spanish	4409do			
0300	0330		Bolivia, R San Miguel	Spanish	4699do			
0300	0330		China, Xinjiang PBS	Chinese	7230do			
0300	0330		China, Xinjiang PBS	Mongolian	4500do	6190do		
0300	0330		Clandestine, R VO Kurdistan	Farsi	3930as			
0300	0330		Egypt, R Cairo	English	9720na	9315al		
0300	0330		Germany, AWR Europe	Oromo	9610af			
0300	0330		Germany, AWR Europe	Tigrinya	7315af			
0300	0330		India, AIR/Delhi	English/Hindi	4870do			
0300	0330		Indonesia, AWR Asia/Pacific	Russian	17635eu			
0300	0330		Madagascar, AWR Africa	Malagasy	3215af			
0300	0330		Myanmar, Myanma R	English	5985do			
0300	0330		Myanmar, Thazin R	minority languages	9590do			
0300	0330		Philippines, R Pilipinas Overseas Svc	English	15285me	17700me	17820me	
0300	0330	Sat	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0300	0330		Sri Lanka, SLBC	Hindi	7190as	11905as		
0300	0330		Thailand, R Thailand World Svc	Thai	15275na			
0300	0330		UK, BBC World Service	Farsi	5985as	6165as	7410as	9800as
0300	0330		UK, BBC World Service	Pashto	7445as	9820as	11970as	
0300	0330		UK, BBC World Service	Urdu	9695as	11995as	17510as	17760as
0300	0330		USA, BBG/RFE/RL/R Free Afghanistan	Dari	9335as	12140as		
0300	0330		USA, BBG/VO America	Farsi	7360as	9445as	9495as	
0300	0330		USA, BBG/VOA/Afia Darfur R	Arabic	5885af	7275af	9845af	
0300	0330		Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na			
0300	0345		India, AIR/External Svc	Dari	9835as	9910as	11740as	
0300	0355		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
0300	0355		Turkey, VO Turkey	Uyghur	9460as			
0300	0355		Romania, R Romania Intl	Spanish	9765sa	9870sa	11825sa	11850ca

0300	0357	China, China R International	Chinese	6020as	9450as	9570as	13655as
0300	0357	China, China R International	English	15130as 9460am 13620as	15160as 9690na 15110as	17540va 9790as 15120as	11785as
0300	0357	China, China R International	Hindi	11640as	13720as	15210as	15350as
0300	0357	China, China R International	Russian	5915as	11710eu	15435va	17710as
0300	0357	China, China R International	Tamil	13600as	13735as		
0300	0357	Germany, Deutsche Welle	Swahili	5925af	7265af		
0300	0357	North Korea, Pyongyang BC Sta	Korean	7220as	9345as	9730as	
0300	0357	North Korea, VO Korea	Chinese	13650as	15100as		
0300	0357	North Korea, VO Korea	Spanish	11735ca	15180sa		
0300	0400	Angola, R Nac de Angola/Canal A	Portuguese	4950do			
0300	0400	Angola, R Nac de Angola/Intl Svcnational languages		7217af			
0300	0400	Anguilla, University Network	English	6090na			
0300	0400	Argentina, RAE	French	11710am			
0300	0400	Australia, ABC/R Australia	English	9660pa 15415pa 21725pa	12080pa 15515pa	15160pa 17750pa	15240as 19000pa
0300	0400	Australia, ABC/R Australia	French	15515pa			
0300	0400	Australia, NT VL8A Alice Springs	English	4835do			
0300	0400	Australia, NT VL8K Katherine	English	5025do			
0300	0400	Australia, NT VL8T Tennant Creek	English	4910do			
0300	0400	Australia, Symban World R	Greek	2369do			
0300	0400	Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
0300	0400	Bhutan, Bhutan BC Svc	Shar chop	6035do			
0300	0400	Bolivia, R Fides	Spanish/Aymara	6155do			
0300	0400	Bolivia, R Panamericana	Spanish	5765do	6105do		
0300	0400	Brazil, R Alvorada/Londrina	Portuguese	4865do			
0300	0400	Brazil, R Bandeirantes	Portuguese	6090do	9645do		
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 Cultura/Manaus	Portuguese	4845do			
0300	0400	Brazil, R Difusora Acreana	Portuguese	4885do			
0300	0400	Brazil, R Difusora/Macapá	Portuguese	4915do			
0300	0400	Brazil, R Educadora/Limeira	Portuguese	2380do			
0300	0400	Brazil, R Gaucha	Portuguese	11915do			
0300	0400	Brazil, R Guaiaba	Portuguese	6000do	11785do		
0300	0400	Brazil, R Guarujá Paulista	Portuguese	5045do			
0300	0400	Brazil, R Guarujá/Florianópolis	Portuguese	5980do			
0300	0400	Brazil, R Iguatemi	Portuguese	4975do			
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 Boa Vontade	Portuguese	6160do	9550do		
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	Canada, CFRX Toronto ON	English	6070do			
0300	0400	Canada, CFVP Calgary AB	English	6030do			
0300	0400	Canada, CKZN St Johns NF	English	6160do			
0300	0400	Canada, CKZU Vancouver BC	English	6160do			
0300	0400	China, China Business R	Chinese	3985do 9515do 9755do 11670do 11835do 15270do 17890do	6190do 9620do 9810do 11740do 11845do 15500do	7220do 9645do 11610do 11750do 11915do 15770do	7315do 9675do 11660do 11800do 12080do 17625do
0300	0400	China, China Huayi BC	Amoy/Chinese	6185do			
0300	0400	China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do	15570do
0300	0400	China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
0300	0400	China, Hulun Buir PBS	Chinese	3900do			
0300	0400	China, Hunan PBS	Chinese	3900do			
0300	0400	China, Nei Menggu PBS	Chinese	7420do	9520do		
0300	0400	China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0300	0400	China, Qinghai PBS-1	Chinese	4750do	6145do	9780do	
0300	0400	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		

0300	0400		China, VO China	Chinese	4750do 6125do 7305do 9675do 11760do 12055do 15380do	4800do 6145do 9500do 9710do 11925do 13610do 15390do	5945do 7230do 9630do 11630do 11960do 13700do 15480do	6030do 7290do 9645do 11720do 12045do 15370do
0300	0400		China, VO Minorities	Mongolian	5955do	9610do	11815do	
0300	0400		China, VO Shenzhen	Amoy/Chinese	6165do	11905do	15710do	
0300	0400		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
0300	0400		China, VO the Strait	Chinese	6115do			
0300	0400		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0300	0400		China, Xinjiang PBS	Chinese	3950do 7310do 9835do 11770do	5060do 7340do 11770do	7260do 9510do	7275do 9600do
0300	0400		China, Xinjiang PBS	Uyghur	3990do 11885do	7275do 13670do	9420do	9560do
0300	0400		China, Xizang PBS	Chinese	4820do 7240do	5935do 11860do	6050do 11950do	6145do
0300	0400		China, Xizang PBS	English/Tibetan	4905do 6130do 11685do	4920do 7385do 15570do	5240do 9490do	6110do 9580do
0300	0400		Clandestine, R Miraya FM	Arabic/English	9940af			
0300	0400		Clandestine, Sound of Hope R Intl	Chinese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
0300	0400		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4875as		
0300	0400	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as			
0300	0400		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0300	0400		Colombia, R Alcaravan	Spanish	5910do			
0300	0400		Colombia, Salem Stereo	Spanish	14950do			
0300	0400		Cuba, R Havana Cuba	English	6000na	6165na		
0300	0400		Cuba, R Havana Cuba	Spanish	6060na 11760am	6120ca 11840sa	9810ca 15230sa	11680sa 17705sa
0300	0400		Cuba, R Rebelde	Spanish	5025na			
0300	0400		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0300	0400		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0300	0400		Ecuador, Centro R de Imbabura	Spanish	3380do			
0300	0400		Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0300	0400		Egypt, R Cairo	Arabic/General Svc	9305na	9905na		
0300	0400		Ethiopia, Amhara State Regional R	Amharic	6090do			
0300	0400		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0300	0400		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do		
0300	0400		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
0300	0400	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0300	0400	DRM	France, R France International	French	3965eu			
0300	0400	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0300	0400		Germany, Deutsche Welle	Swahili	5905af	12070af		
0300	0400		Germany, R 6150	English	6070eu			
0300	0400		Germany, R 700	German/various	3955eu			
0300	0400		Greece, Voice of Greece	Greek	7475va	9420va	11645va	
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, AIR/Aizawl	Hindi/English/vernaculars		5050do		
0300	0400		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do		
0300	0400		India, AIR/Chennai	Hindi/English/Tamil	7380do			
0300	0400		India, AIR/Chennai/FM Gold	Hindi/English	7270do			
0300	0400		India, AIR/External Svc	Bengali	7420as			
0300	0400		India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as
0300	0400		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
0300	0400		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0300	0400		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0300	0400		India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0300	0400		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
0300	0400		India, AIR/Jaipur	Hindi/English/vernaculars		4910do		
0300	0400		India, AIR/Kohima	Hindi/English/vernaculars		4850do		
0300	0400	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhani		7210do		
0300	0400		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
0300	0400		India, AIR/Leh	Hindi/English/vernaculars		4660do		
0300	0400		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0300	0400		India, AIR/Mumbai	Hindi/English/Marathi	4840do			
0300	0400		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
0300	0400		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
0300	0400		India, AIR/Srinagar	Hindi/English/vernaculars		6110do		
0300	0400		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do		
0300	0400		India, AIR/Vivdh Bharati	Hindi	9870do			
0300	0400		Indonesia, RRI Jakarta	Indonesian	9680do			

0300	0400		Iran, VO Islamic Rep of Iran	Dari	9570as	11860as		
0300	0400		Iran, VO Islamic Rep of Iran/Al Quds TV	Arabic	11660as	11760as		
0300	0400		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0300	0400		Japan, R Japan/NHK World	Japanese	5960am	9620va	11935sa	15195as
					15325as	17810as		
0300	0400		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0300	0400	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0300	0400	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0300	0400		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0300	0400		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0300	0400		Madagascar, R Natl Malagasy	French/Malagasy	5010do	7245do		
0300	0400		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0300	0400		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0300	0400		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0300	0400		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0300	0400		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0300	0400		Mexico, R Educacion	Spanish/English	6185do			
0300	0400		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0300	0400		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0300	0400		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0300	0400		Myanmar, Myanma R	minority languages	5915do			
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	13600af			
0300	0400		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0300	0400		Palau, T8WH/World Harvest R	English	17650as			
0300	0400		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0300	0400		Peru, R Logos	Bora/Quechua/Spanish		4810do		
0300	0400		Peru, R Tarma	Spanish	4775do			
0300	0400		Peru, R Tawantinsuyo	Spanish/Quechua	6175do			
0300	0400		Peru, R Union	Spanish	6115do			
0300	0400		Peru, R Victoria	Spanish	6020do	9722do		
0300	0400		Peru, R Vision	Spanish	4790do			
0300	0400		Russia, VO Russia	English	7290ca			
0300	0400		Russia, VO Russia	Russian	12070as			
0300	0400		Russia, VO Russia	Spanish	9395ca	9480sa	9750sa	
0300	0400		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0300	0400		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15150as	17895as	
0300	0400		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me			
0300	0400		Solomon Islands, SIBC	English/Pidgin	9545do			
0300	0400	mtwhf	South Africa, Channel Africa	English	3345af	6155af		
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	6125sa	9535ca	9620sa
					9765sa			
0300	0400		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0300	0400		Taiwan, R Taiwan Intl	English	15320as			
0300	0400		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0300	0400		Tajikistan, VO Tajik	Tajik	7245as			
0300	0400		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0300	0400		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765as		
0300	0400	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do			
0300	0400		Tunisia, RTV/R Tunisia	Arabic	7275eu	17735me		
0300	0400		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0300	0400		UK, BBC World Service	Arabic	5790va	5875af	6040me	6065me
0300	0400		UK, BBC World Service	English	3255af	5940eu	6140af	6190af
					7255af	7435af	9410eu	9460af
					12035af	12095eu	15310as	17790as
0300	0400		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0300	0400		USA, BBG/R Free Asia	Mandarin	11980as	13710as	15665as	17880as
					21765as	21700as	21775as	21785as
0300	0400		USA, BBG/R Free Europe/R Liberty	Belarusian	6075eu	6105eu		
0300	0400		USA, BBG/R Free Europe/R Liberty	Russian	7425eu	9520eu	17770eu	
0300	0400		USA, BBG/R Free Europe/R Liberty	Tajik	11795as	15530as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	7235as	7400as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Turkmen	7390as	12015as		
0300	0400		USA, BBG/R Free Europe/R Liberty	Uzbek	9855as	12025as	15650as	
0300	0400	twhfas	USA, BBG/R Marti	Spanish	6030ca	7365ca	7405ca	
0300	0400		USA, BBG/RFE/RL/R Farda	Farsi	5860as	9430as	13615as	15690as
0300	0400		USA, BBG/VO America	English	4930af	6080af	9855af	15580af
0300	0400		USA, BBG/VO America	Tibetan	15560as	17860as	21570as	
0300	0400		USA, BBG/VOA/Deewa R	Pashto	9370as	9565as	12005as	
0300	0400		USA, Overcomer Ministry	English	3185na			
0300	0400	mtwhf	USA, Overcomer Ministry	English	7490na			
0300	0400		USA, WBCQ Monticello ME	English	7490na	9330na		
0300	0400		USA, WEWN/EWTN Irondale AL	English	11520af			
0300	0400		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870ca		
0300	0400		USA, WHRI Cypress Creek SC	English	7520eu			

0300	0400		USA, WINB Red Lion PA	English	9265ca			
0300	0400		USA, WRMI Miami FL	English/Spanish	9955am			
0300	0400		USA, WRNO New Orleans LA	English	7505na			
0300	0400		USA, WTWW Lebanon TN	English	5085sa	5830na		
0300	0400	asm	USA, WTWW Lebanon TN	Portuguese	12105eu			
0300	0400		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0300	0400		USA, WWRB Manchester TN	English	3185na	3195na		
0300	0400		USA, WYFR/Family R	English	6115na			
0300	0400		USA, WYFR/Family R	Spanish	6875ca	9930ca		
0300	0400		Uzbekistan, CVC/The Voice Asia	Hindi	6260as	9975as		
0300	0400		Vanuatu, R Vanuatu	Bislama/English/French		7260do		
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me			
0300	0400		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0300	0400	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0310	0329		Vatican City State, Vatican R	Armenian	6185as	7335as		
0310	0330		Clandestine, R Sedayee Kashmir	Dogri	4870as			
0315	0400		India, AIR/External Svc	Hindi	11840me	13695me	15120va	15185af
0315	0400	DRM	India, AIR/External Svc	Hindi	17715af			
0315	0400		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
0315	0400	mtwhfa	India, AIR/Port Blair	Hindi/English/Nicobarese		7390do		
0315	0400	Sun	India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
0315	0400		Japan, R Japan/NHK World	Swahili	7395af			
0320	0335	mh	Vatican City State, Vatican R	Urdu	15460as			
0320	0340		USA, BBG/R Free Europe/R Liberty	Belarusian	5975eu	5995eu		
0325	0330	mtwhf	Nepal, R Nepal	Newari	5005do			
0325	0340		Swaziland, TWR Africa	Ndau	3240af			
0330	0337	Sat/Sun	Nepal, R Nepal	Newari	5005do			
0330	0344	Sun	Vatican City State, Vatican R	Swahili	9660af	11625af		
0330	0345	whfas	Canada, Bible Voice Broadcasting	Farsi	6095as			
0330	0345		Germany, R Dardasha 7	Farsi	6095as			
0330	0345	mfs	Swaziland, TWR Africa	Amharic	9525af			
0330	0345	t	Swaziland, TWR Africa	Oromo	9525af			
0330	0345		Swaziland, TWR Africa	Sidamo	9525af			
0330	0358	mtwhfa	Vatican City State, Vatican R	Swahili	9660af	11625af		
0330	0400		Austria, AWR Europe	Farsi	6145as			
0330	0400		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
0330	0400		Clandestine, R Hargeysa/VO Somaliland	Somali	7120af			
0330	0400		Ethiopia, R Oromiya	Oromo	6030do			
0330	0400		Germany, AWR Europe	Amharic	9610af			
0330	0400		Iran, VO Islamic Palestinian Revol	Arabic	7350me	9740me	9895me	
0330	0400		Iran, VO Islamic Rep of Iran	Azeri	7335as			
0330	0400		Iran, VO Islamic Rep of Iran/VO Justice	English	9710eu	11700eu	11770eu	
0330	0400		UK, BBC World Service	Farsi	7445as	9695as	11925as	
0330	0400		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as		
0330	0400		USA, BBG/VO America	Kinyarwanda/Kirundi	7275af	9400af	9775af	
0330	0400		USA, BBG/VO America	Somali	9485af	13580af	15620af	
0330	0400		USA, WHRI Cypress Creek SC	English	6175ca			
0330	0400		Vietnam, VO Vietnam/Overseas Svc	English	9640na			
0340	0400		USA, BBG/R Free Europe/R Liberty	Circassian	5975eu	5995eu		
0342	0357		Swaziland, TWR Africa	Lomwe	4775af			
0345	0359	Sun	Vatican City State, Vatican R	Somali	7360af	11625af		
0345	0400	Sat/Sun	Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0355	0400		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do		
0355	0400		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al

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

0400	0401		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
0400	0401	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
0400	0415		India, AIR/External Svc	Hindi	11840me	13695me	15120va	15185af
0400	0415	DRM	India, AIR/External Svc	Hindi	17715af			
0400	0415		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0400	0415		India, AIR/Kohima	Hindi/English/vernaculars		4850do		
0400	0415	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0400	0415	Sat	India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
0400	0415		Vatican City State, Vatican R	Amharic	7360af	13765af		
0400	0420		Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do			
0400	0425		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0400	0427		Iran, VO Islamic Rep of Iran/VO Justice	English	9710eu	11700eu	11770eu	
0400	0430		Australia, ABC/R Australia	Indonesian	17800as			
0400	0430		Austria, AWR Europe	Farsi	6145as			
0400	0430	mas	Canada, Bible Voice Broadcasting	Luri	5950as			
0400	0430		Clandestine, R Tamazuj	Arabic (Sudanese)	7315af	11940af	13800af	

0400	0430	tha	Clandestine, VO Eritrea	Tigrinya	7235af	9560af			
0400	0430		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4875as			
0400	0430	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as				
0400	0430		Egypt, R Cairo	Arabic	9965na	11510al			
0400	0430		Germany, AWR Europe	Bulgarian	5975eu				
0400	0430	mtwhfa	India, AIR/Chennai	Hindi/English/Tamil	7380do				
0400	0430		India, AIR/Chennai/FM Gold	Hindi/English	7270do				
0400	0430		India, AIR/External Svc	Bengali	7420as				
0400	0430		India, AIR/External Svc	Farsi	11670as	15210as	15770as		
0400	0430		India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as	
0400	0430		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
0400	0430		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
0400	0430	Sun	India, AIR/Leh	Hindi/English/vernaculars		4660do			
0400	0430	mtwhfa	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
0400	0430		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do			
0400	0430		Iran, VO Islamic Palestinian Revol	Arabic	7350me	9740me	9895me		
0400	0430		Japan, R Japan/NHK World	Farsi	11730me				
0400	0430		Japan, R Japan/NHK World	Spanish	6195sa				
0400	0430	mtwhf	Swaziland, TWR Africa	German	3200af	4775af			
0400	0430		UK, BBC World Service	Farsi	7445as	9695as	11925as		
0400	0430		UK, BBC World Service	Somali	9815af	15490af			
0400	0430		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as			
0400	0430		USA, BBG/VO America	Kinyarwanda/Kirundi	7275af	9400af			
0400	0430		Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na				
0400	0435	mtwhfa	India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		5040do			
0400	0435		India, AIR/Vivdh Bharati	Hindi	9870do				
0400	0440		Clandestine, MND Radio	Korean	6360as				
0400	0445	Sun	India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		5040do			
0400	0445	Sat/Sun	Swaziland, TWR Africa	Chewa	5995af				
0400	0447	mtwhfa	India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do			
0400	0455		Turkey, VO Turkey	English	7240as	9655na			
0400	0456		Romania, R Romania Intl	English	6130na	7305na	15220as	17870as	
0400	0457		China, China R International	Cantonese	9790as	13655as	15160as		
0400	0457		China, China R International	Chinese	13640as	15130as	15170as		
0400	0457		China, China R International	English	9460na	13620va	15120as	17725va	
					17855va				
0400	0457		China, China R International	Hakka	15350as	17505as	17540as	17710as	
0400	0457		China, China R International	Russian	15455eu	15665eu	17640va		
0400	0457		China, China R International	Vietnamese	11650as	17740as			
0400	0457		Germany, Deutsche Welle	English	5905af	7285af	9470af	9800af	
0400	0457		Iran, VO Islamic Rep of Iran	Swahili	13680af	15260af			
0400	0457		North Korea, VO Korea	English	7220as	9345as	9730as	11735ca	
					13760sa	15180sa			
0400	0457		North Korea, VO Korea	French	13650as	15100as			
0400	0458		Algeria, R Algerienne	Arabic	5865af				
0400	0458	DRM	New Zealand, R New Zealand Intl	English	15720pa				
0400	0458		New Zealand, R New Zealand Intl	English	17675pa				
0400	0500		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0400	0500		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0400	0500		Anguilla, University Network	English	6090na				
0400	0500		Australia, ABC/R Australia	English	9660pa	12080pa	15160pa	15240pa	
					15415as	15515pa	21725pa		
0400	0500		Australia, ABC/R Australia	French	15515pa				
0400	0500		Australia, ABC/R Australia	Indonesian	15240pa	17750as	17840as		
0400	0500		Australia, NT VL8A Alice Springs	English	4835do				
0400	0500		Australia, NT VL8K Katherine	English	5025do				
0400	0500		Australia, NT VL8T Tennant Creek	English	4910do				
0400	0500		Australia, Symban World R	Greek	2369do				
0400	0500		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0400	0500		Belarus, Belaruskaje Radyjo 1	Belarusian	7255eu				
0400	0500		Bhutan, Bhutan BC Svc	Lhotsam	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 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 Guaruja Paulista	Portuguese	5045do				
0400	0500		Brazil, R Guaruja/Florianopolis	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 Boa Vontade	Portuguese	6160do	9550do		
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	Canada, CFRX Toronto ON	English	6070do			
0400	0500	Canada, CKZN St Johns NF	English	6160do			
0400	0500	Canada, CKZU Vancouver BC	English	6160do			
0400	0500	China, China Business R	Chinese	3985do	6190do	7220do	7315do
				9515do	9570do	9620do	9645do
				9675do	9755do	9810do	11610do
				11660do	11670do	11740do	11800do
				11835do	11845do	11915do	15270do
				15500do	15540do	15770do	17625do
				17890do			
0400	0500	China, China Huayi BC	Amoy/Chinese	6185do			
0400	0500	China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	15570do
0400	0500	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do	
0400	0500	China, Hulun Buir PBS	Chinese	3900do			
0400	0500	China, Hunan 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, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0400	0500	China, Quinghai PBS-1	Chinese	4750do	6145do	9780do	
0400	0500	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0400	0500	China, VO China	Chinese	4750do	4800do	6030do	6125do
				6145do	7230do	7290do	7305do
				9500do	9630do	9645do	9675do
				9710do	11720do	11760do	11960do
				12045do	15370do	15380do	15390do
				15480do	15550do	17550do	17565do
				17580do	17595do	17890do	
0400	0500	China, VO Minorities	Mongolian	5955do	9610do	11815do	
0400	0500	China, VO Shenzhou	Amoy/Chinese	6165do	11905do	15710do	
0400	0500	China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
0400	0500	China, VO the Strait	Chinese	6115do			
0400	0500	China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0400	0500	China, Xinjiang PBS	Chinese	3950do	5060do	7260do	7275do
				7310do	7340do	9510do	9600do
				11770do			
0400	0500	China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
0400	0500	China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do
				13670do			
0400	0500	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
				7240do	11860do	11950do	
0400	0500	China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
				6130do	7385do	9490do	9580do
				11685do	15570do		
0400	0500	Clandestine, Denge Kurdistane	Kurdish	11510me			
0400	0500	Clandestine, EDC Sudan R Svc/Darfur Pgm	Arabic	13720af			
0400	0500	Clandestine, R Damal	Somali	15700af			
0400	0500	Clandestine, R Hargeysa/VO Somaliland	Somali	7120af			
0400	0500	Clandestine, R Miraya FM	Arabic/English	9940af			
0400	0500	Clandestine, R Okapi	French/Lingala	11690af			
0400	0500	Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as
				12670as	12800as	13270as	15940as
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	Colombia, Salem Stereo	Spanish	14950do			
0400	0500	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
0400	0500	Cuba, R Havana Cuba	English	6000na	6165na		
0400	0500	Cuba, R Havana Cuba	Spanish	6060na	6120ca	9810ca	11760am
				11840sa	15230sa	17705sa	
0400	0500	Cuba, R Rebelde	Spanish	5025na			
0400	0500	Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0400	0500	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0400	0500	Ecuador, Centro R de Imbabura	Spanish	3380do			
0400	0500	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0400	0500	Egypt, R Cairo	Arabic/General Svc	9305na	9905na		
0400	0500	Egypt, R Cairo	Swahili	15610af	13650al		
0400	0500	Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama	7205do			
0400	0500	Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do	7175al	7195al	
0400	0500	Ethiopia, Amhara State Regional R	Amharic	6090do			
0400	0500	Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do		

0400	0500		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do			
0400	0500		Ethiopia, R Oromiya	Oromo	6030do			
0400	0500		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
0400	0500	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0400	0500	DRM	France, R France International	French	3965eu			
0400	0500		France, R France International	French	9790va	11700af		
0400	0500	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0400	0500		Germany, R 6150	English	6070eu			
0400	0500		Germany, R 700	German/various	3955eu			
0400	0500		Greece, Voice of Greece	Greek	7475va	9420va	11645va	
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	Sun	India, AIR/Chennai	Hindi/English/Tamil	7380do			
0400	0500	Sun	India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0400	0500	Sun	India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0400	0500	Sun	India, AIR/Port Blair	Hindi/English/Nicobarese		7390do		
0400	0500		India, AIR/Srinagar	Hindi/English/vernaculars		6110do		
0400	0500		Indonesia, RRI Jakarta	Indonesian	9680do			
0400	0500		Iran, VO Islamic Rep of Iran	Azeri	7325as			
0400	0500		Iran, VO Islamic Rep of Iran	Dari	9570as	11860as		
0400	0500		Iran, VO Islamic Rep of Iran/Al Quds TV	Arabic	11660as	11760as		
0400	0500		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0400	0500		Japan, R Japan/NHK World	Japanese	9620va	15195as	15325as	17810as
0400	0500		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0400	0500	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0400	0500	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0400	0500		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0400	0500		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0400	0500		Madagascar, R Natl Malagasy	French/Malagasy	5010do	7245do		
0400	0500		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0400	0500		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0400	0500		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0400	0500		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0400	0500		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0400	0500		Mexico, R Educacion	Spanish/English	6185do			
0400	0500		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
0400	0500		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0400	0500		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
0400	0500		Myanmar, Myanma R	minority languages	5915do			
0400	0500		Nepal, R Nepal	Nepali	5005do			
0400	0500		Palau, T8WH/World Harvest R	English	17650as			
0400	0500		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0400	0500		Peru, R Tawantinsuyo	Spanish/Quechua	6175do			
0400	0500		Peru, R Union	Spanish	6115do			
0400	0500		Peru, R Victoria	Spanish	6020do	9722do		
0400	0500		Peru, R Vision	Spanish	4790do			
0400	0500		Russia, R Rossii	Russian	9840eu			
0400	0500		Russia, VO Russia	Spanish	9395ca	9480sa	9750sa	
0400	0500		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0400	0500		Saudi Arabia, BSKSA/External Svc	Swahili	15285af			
0400	0500		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15150as	17895as	
0400	0500		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me			
0400	0500		Solomon Islands, SIBC	English/Pidgin	9545do			
0400	0500		South Africa, AWR Africa	Arabic	15480va			
0400	0500	mtwhf	South Africa, Channel Africa	English	7230af			
0400	0500		South Africa, R Sonder Grense	Afrikaans	3320do			
0400	0500		Spain, R Exterior de Espana	Spanish	5965sa	6125sa	9535ca	9620sa
0400	0500	Sun	Sri Lanka, SLBC	English	6005as	9770as	15745as	
0400	0500		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0400	0500	Sat/Sun	Swaziland, TWR Africa	German	3200af	4775af		
0400	0500		Taiwan, R Taiwan Intl	Chinese	11640as	15245as		
0400	0500		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0400	0500		Tajikistan, VO Tajik	Farsi	7245me			
0400	0500		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik	4765do			
0400	0500		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik	4765do			
0400	0500	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do			
0400	0500		Tunisia, RTV/R Tunisia	Arabic	7275eu	17735me		
0400	0500		Uganda, UBC Radio	English/Swahili/vernaculars	4976do			
0400	0500		UK, BBC World Service	Arabic	5790af	5875va	5915af	7325af
					9915me	11820me		
0400	0500		UK, BBC World Service	English	3255af	6005af	6190af	7255af
					9410eu	11760eu	12015af	12035af
					12095af	15310as		
0400	0500		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0400	0500		USA, BBG/R Free Asia	Mandarin	11980as	13710as	15665as	17880as
					21700as	21745as	21775as	21785as
0400	0500		USA, BBG/R Free Europe/R Liberty	Belarusian	6075eu	6105eu		
0400	0500		USA, BBG/R Free Europe/R Liberty	Russian	7425eu	9520eu	17770eu	

0400	0500	twhfas	USA, BBG/R Marti	Spanish	6030ca	7365ca	7405ca		
0400	0500		USA, BBG/RFE/RL/R Farda	Farsi	5860as	9430as	13615as	15690as	
0400	0500		USA, BBG/VO America	English	4930af	4960af	9885af	15580af	
0400	0500		USA, BBG/VO America	Tibetan	15560as	17860as	21570as		
0400	0500		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as		
0400	0500		USA, Overcomer Ministry	English	3185na	5890na			
0400	0500	mtwhf	USA, WBCQ Monticello ME	English	7490na				
0400	0500		USA, WBCQ Monticello ME	English	9330na				
0400	0500		USA, WEWN/EWTN Irondale AL	English	11520af				
0400	0500		USA, WEWN/EWTN Irondale AL	Spanish	5810ca	11870ca			
0400	0500	Sat	USA, WHRI Cypress Creek SC	English	9640eu				
0400	0500	smtwhf	USA, WHRI Cypress Creek SC	English	9640eu				
0400	0500		USA, WINB Red Lion PA	English	9265ca				
0400	0500		USA, WRMI Miami FL	English/Spanish	9955am				
0400	0500		USA, WRNO New Orleans LA	English	7505na				
0400	0500		USA, WTWW Lebanon TN	English	5085sa	5830na			
0400	0500		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af	
0400	0500		USA, WWRB Manchester TN	English	3185na	3195na			
0400	0500		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0400	0500		Vanuatu, R Vanuatu	Bislama/English/French		7260do			
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			
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
0400	0500		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
0400	0500	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0410	0500		Russia, Tatarstan Wave	Tatar/Russian	11895va				
0415	0420	mtwhf	Kyrgyzstan, Kyrgyz Radiosu	English	4010do				
0415	0428		Vatican City State, Vatican R	Tigrinya	7360af	13765af			
0415	0430		India, AIR/External Svc	Gujarati	15120af	15185af			
0415	0430	DRM	India, AIR/External Svc	Gujarati	17715af				
0417	0500	mtwhf	Nepal, R Nepal	Sherpa	5005do				
0430	0445		Canada, Bible Voice Broadcasting	Arabic	5980me				
0430	0445		Germany, R Dardasha 7	Arabic	5980me				
0430	0457		Iran, VO Islamic Rep of Iran	Hebrew	9755me	11870me			
0430	0457		Iran, VO Islamic Rep of Iran	Kurdish (Sorrani dialect)		7370as	9610as		
0430	0457		Vatican City State, Vatican R	French	7360af	13765af			
0430	0500		Austria, AWR Europe	French	6045af				
0430	0500	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
0430	0500		Clandestine, R Dabanga	Arabic (Darfuri)	7315af	11940af	13800af		
0430	0500		France, R France International	Swahili	9665af				
0430	0500		India, AIR/External Svc	Arabic	11670me	15210me	15770me		
0430	0500		India, AIR/External Svc	Hindi	15120af	15185af			
0430	0500	DRM	India, AIR/External Svc	Hindi	17715af				
0430	0500		India, AIR/Kohima	Hindi/English/vernaculars		6065do			
0430	0500	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do				
0430	0500	Sat/Sun	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do			
0430	0500		Iran, VO Islamic Rep of Iran	Turkish	6085as	7270as			
0430	0500		Japan, R Japan/NHK World	Russian	6115eu				
0430	0500	m	Kyrgyzstan, Kyrgyz Radiosu	Ukrainian	4010do				
0430	0500		Myanmar, Thazin R	Burmese	9460do				
0430	0500		Myanmar, Thazin R	English	9460do				
0430	0500		Myanmar, Thazin R	minority languages	9590do				
0430	0500	mtwhf	Swaziland, TWR Africa	English	3200af				
0430	0500		Taiwan, R Taiwan Intl	Cantonese	15320as				
0430	0500		Taiwan, R Taiwan Intl	Hakka	15320as				
0430	0500		UK, BBC World Service	French	6135af	7415af	15490as		
0430	0500		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as			
0430	0500		USA, WHRI Cypress Creek SC	English	6175ca				
0430	0500		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na				
0445	0500		Pakistan, R Pakistan/Dom SW Svc	Balti	7465do				
0455	0500		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
0455	0500	mtwhf	Nigeria, VO Nigeria	English	15120eu				
0459	0500		New Zealand, R New Zealand Intl	English	11725pa				
0459	0500	DRM	New Zealand, R New Zealand Intl	English	13730pa				

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

0500	0501	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do			
0500	0501		India, AIR/Srinagar	Hindi/English/vernaculars		6110do			
0500	0505	Sat	India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do			
0500	0510		India, AIR/Kohima	Hindi/English/vernaculars		6065do			
0500	0510		Tunisia, RTV/R Tunisia	Arabic	12005va	17735va			
0500	0515	f	Canada, Bible Voice Broadcasting	Arabic	9450af				

0500	0515	mtwhf	Nepal, R Nepal	Sherpa	5005do				
0500	0526	DRM	Romania, R Romania Intl	Chinese	17870as				
0500	0526		Romania, R Romania Intl	Chinese	21500as				
0500	0527		Germany, Deutsche Welle	English	5905af				
0500	0527		Iran, VO Islamic Rep of Iran	Azeri	7335as				
0500	0527		Iran, VO Islamic Rep of Iran	Kurdish (Sorrani dialect)		7370as	9610as		
0500	0527		Iran, VO Islamic Rep of Iran	Russian	12025eu	13680eu	17680eu	21600eu	
0500	0527		Iran, VO Islamic Rep of Iran/Al Quds TV	Arabic	11660as	11760as			
0500	0527		Vatican City State, Vatican R	English	7360af	13765af			
0500	0527		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na				
0500	0528		Vatican City State, Vatican R	Arabic	9645af	11715me			
0500	0530		Australia, ABC/R Australia	Indonesian	11700as	15240pa	17750as		
0500	0530	h	Canada, Bible Voice Broadcasting	Arabic	9450me				
0500	0530		Clandestine, EDC Sudan R Svc/Darfur Pgm	Arabic	13720af				
0500	0530	th	Clandestine, Ginbot 7 Dimts R	Amharic	5980af	6025af	7120af	7185af	
					9700af				
0500	0530		Clandestine, VO Charity	Arabic	11715me				
0500	0530		Germany, Deutsche Welle	English	7425af	11800af			
0500	0530	Sun	India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do			
0500	0530		India, AIR/External Svc	Arabic	11670me	15210me	15770me		
0500	0530		India, AIR/External Svc	Hindi	15120af	15185af			
0500	0530	DRM	India, AIR/External Svc	Hindi	17715af				
0500	0530	Sun	India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
0500	0530		Japan, R Japan/NHK World	English	9770sa	11740na	17660va		
0500	0530		Japan, R Japan/NHK World	Spanish	6195am				
0500	0530		Pakistan, R Pakistan/Dom SW Svc	Balti	7465do				
0500	0530	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	5945eu				
0500	0530		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as			
0500	0530		USA, BBG/VO America	Hausa	4960af	6020af	6035af		
0500	0540		Clandestine, MND Radio	Korean	4925as				
0500	0555		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15150as	17895as		
0500	0555		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me				
0500	0556		Romania, R Romania Intl	Romanian	6145eu	7220eu			
0500	0557		Australia, ABC/R Australia	French	15515pa				
0500	0557		China, China R International	Cantonese	13655as	15170as			
0500	0557		China, China R International	Chinese	13620as	15120as	15130as	15140as	
0500	0557		China, China R International	English	7220as	11880as	15350as	15465as	
					17505va	17540va	17725va	17855va	
0500	0557		China, China R International	Russian	15445eu	15665va			
0500	0557		China, China R International	Vietnamese	11640as	17740as			
0500	0557		Iran, VO Islamic Rep of Iran	Turkish	6085as	7270as			
0500	0557		North Korea, VO Korea	Chinese	7220as	9345as	9730as		
0500	0557		North Korea, VO Korea	English	13650as	15100as			
0500	0557		North Korea, VO Korea	Spanish	11735ca	15180sa			
0500	0600		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0500	0600		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0500	0600		Anguilla, University Network	English	6090na				
0500	0600		Australia, ABC/R Australia	English	9660pa	12080pa	13630pa	15240pa	
					15415as	15515pa	21725pa		
0500	0600		Australia, NT VL8A Alice Springs	English	4835do				
0500	0600		Australia, NT VL8K Katherine	English	5025do				
0500	0600		Australia, NT VL8T Tennant Creek	English	4910do				
0500	0600		Australia, Symban World R	Greek	2369do				
0500	0600		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0500	0600		Belarus, Belaruskaje Radyjo 1	Belarusian	7255eu				
0500	0600		Bhutan, Bhutan BC Svc	English	6035do				
0500	0600		Brazil, R Alvorada/Londrina	Portuguese	4865do				
0500	0600		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
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 Guarujá 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 Boa Vontade	Portuguese	6160do	9550do			
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	6070do				
0500	0600		Canada, CKZN St Johns NF	English	6160do				
0500	0600		Canada, CKZU Vancouver BC	English	6160do				
0500	0600	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
0500	0600		China, China Business R	Chinese	3985do	6190do	7220do	7315do	
					9515do	9570do	9620do	9645do	
					9675do	9755do	9810do	11610do	
					11660do	11670do	11740do	11800do	
					11835do	11845do	11915do	12080do	
					15270do	15500do	15540do	15770do	
					17625do	17890do			
0500	0600		China, China Huayi BC	Amoy/Chinese	6185do				
0500	0600		China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	15570do	
0500	0600		China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do		
0500	0600		China, China R International	Arabic	5985af	7210me	9590af	17485va	
0500	0600		China, Hulun Buir PBS	Chinese	3900do				
0500	0600		China, Hunan 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, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do	
0500	0600		China, Qinghai PBS-1	Chinese	4750do	6145do	9780do		
0500	0600		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0500	0600		China, VO China	Chinese	4750do	4800do	5945do	6030do	
					6125do	6145do	7230do	7290do	
					7305do	9500do	9630do	9645do	
					9675do	9710do	11630do	11720do	
					11760do	11925do	11960do	12045do	
					12055do	13610do	13700do	15370do	
					15380do	15480do	15550do		
0500	0600		China, VO Minorities	Kazakh	6145do	11630do	11780do	12055do	
					15415do				
0500	0600		China, VO Shenzhen	Amoy/Chinese	6165do	11905do	15710do		
0500	0600		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do		
0500	0600		China, VO the Strait	Chinese	6115do				
0500	0600		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do	
0500	0600		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
					7275do	7310do	7340do	9510do	
					9600do	11770do			
0500	0600		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do		
0500	0600		China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do	
					13670do				
0500	0600		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	11860do	11950do		
0500	0600		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do	9490do	9580do	
					11685do	15570do			
0500	0600		Clandestine, Denge Kurdistane	Kurdish	11510me				
0500	0600		Clandestine, R Dabanga	Arabic (Darfuri)	7315af	11940af	13800af		
0500	0600		Clandestine, R Damal	Somali	15700af				
0500	0600		Clandestine, R Miraya FM	Arabic/English	9940af				
0500	0600		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
0500	0600		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
0500	0600		Colombia, La Voz de tu Conciencia	Spanish	6010do				
0500	0600		Colombia, R Alcaravan	Spanish	5910do				
0500	0600	irreg/mtwhf	Colombia, Salem Stereo	Spanish	14950do				
0500	0600		Congo Dem Rep, R Kahuzi	French	6209do				
0500	0600		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
0500	0600		Cuba, R Havana Cuba	English	6010na	6060na	6125am	6165na	
0500	0600		Cuba, R Havana Cuba	Spanish	6120ca	9810ca			
0500	0600		Cuba, R Rebelde	Spanish	5025na				
0500	0600		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
0500	0600		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0500	0600		Ecuador, Centro R de Imbabura	Spanish	3380do				
0500	0600		Egypt, R Cairo	Arabic/General Svc	9305na	9905na			
0500	0600		Egypt, R Cairo	Swahili	15610af	13650al			
0500	0600	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0500	0600		Eq Guinea, Pan Am BC/R Africa	English	15190af				
0500	0600		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
0500	0600		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
0500	0600		Ethiopia, Amhara State Regional R	Amharic	6090do				
0500	0600		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
0500	0600		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do			
0500	0600		Ethiopia, R Oromiya	Oromo	6030do				
0500	0600		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
0500	0600	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
0500	0600		France, R France International	French	9790va	15170af	11700af		

0500	0600	DRM	France, R France International	French	3965eu			
0500	0600		Gabon, Africa No. 1	French	9580af			
0500	0600		Germany, Deutsche Welle	English	9470af			
0500	0600	wa	Germany, Hamburger Lokalradio	German	7265eu			
0500	0600		Germany, R 6150	English	6070eu			
0500	0600		Germany, R 700	German/various	3955eu	6085eu		
0500	0600		Greece, Voice of Greece	Greek	7475va	9420va	11645va	
0500	0600		Guatemala, R Verdad	English/Spanish	4055do			
0500	0600		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0500	0600	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0500	0600	Sat/Sun	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do		
0500	0600		Indonesia, RRI Jakarta	Indonesian	9680do			
0500	0600		Indonesia, RRI Nabire	Indonesian	7290do			
0500	0600		Iran, VO Islamic Rep of Iran	Dari	9570as	11860as		
0500	0600		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0500	0600		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0500	0600	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0500	0600	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0500	0600	irreg	Jordan, R Jordan	Arabic	11960eu			
0500	0600		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0500	0600		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0500	0600		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0500	0600		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0500	0600		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0500	0600		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0500	0600		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0500	0600		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0500	0600		Mexico, R Educacion	Spanish/English	6185do			
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	minority languages	5915do			
0500	0600		Myanmar, Thazin R	Burmese	9460do			
0500	0600		Myanmar, Thazin R	English	9460do			
0500	0600		Myanmar, Thazin R	minority languages	9590do			
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	13730pa			
0500	0600		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0500	0600	mtwhf	Nigeria, VO Nigeria	English	15120af			
0500	0600		Pakistan, R Pakistan External Svc	Urdu	15735me	17830me		
0500	0600		Palau, T8WH/World Harvest R	English	17650as			
0500	0600		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do			
0500	0600		Peru, R Tawantinsuyo	Spanish/Quechua	6175do			
0500	0600		Peru, R Union	Spanish	6115do			
0500	0600		Peru, R Victoria	Spanish	6020do	9722do		
0500	0600		Peru, R Vision	Spanish	4790do			
0500	0600		Russia, R Rossii	Russian	9840eu			
0500	0600		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0500	0600		Saudi Arabia, BSKSA/External Svc	Swahili	15285af			
0500	0600		Solomon Islands, SIBC	English/Pidgin	9545do			
0500	0600		South Africa, AWR Africa	Arabic	15480va			
0500	0600	mtwhf	South Africa, Channel Africa	English	7230af			
0500	0600		South Africa, R Sonder Grense	Afrikaans	7285do			
0500	0600		Spain, R Exterior de Espana	Spanish	3350ca	5965sa	11895me	
0500	0600	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0500	0600		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0500	0600		Swaziland, TWR Africa	English	3200af	9500af		
0500	0600		Taiwan, R Taiwan Intl	Chinese	11640as	15245as		
0500	0600		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0500	0600		Tajikistan, VO Tajik	Farsi	7245me			
0500	0600		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0500	0600		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0500	0600	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	6015do			
0500	0600		Tunisia, RTV/R Tunisia	Arabic	7275eu			
0500	0600		Turkey, VO Turkey	Turkish	9700eu	9820as		
0500	0600		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
0500	0600		UK, BBC World Service	Arabic	5760af	5915af	7325va	13660me
					15760me			
0500	0600		UK, BBC World Service	English	6005af	7255af	9410af	11760eu
					15310as	15360va	15400af	15420af
					17640af			
0500	0600	DRM	UK, BBC World Service	English	3955eu			
0500	0600	Sat/Sun	UK, BBC World Service	Krwanada/Krundi	11925af	15490af		
0500	0600		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0500	0600		USA, BBG/R Free Asia	Mandarin	11980as	13710as	15665as	17880as
					21700as	21710as	21745as	21785as
0500	0600		USA, BBG/R Free Europe/R Liberty	Russian	7425eu	9520eu	17770eu	
0500	0600		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	9535as			

0500	0600	twhtas	USA, BBG/R Marti	Spanish	6030ca	7405ca		
0500	0600		USA, BBG/RFE/RL/R Farda	Farsi	5860as	13615as	15535as	15590as
0500	0600		USA, BBG/VO America	English	4930af	6080af	9885af	15580af
0500	0600		USA, BBG/VO America	Kurdish	7290as	9690as	9760as	
0500	0600		USA, BBG/VO America	Tibetan	15560as	17860as	21570as	
0500	0600		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as	
0500	0600		USA, Overcomer Ministry	English	3185na	5890na		
0500	0600		USA, WBCQ Monticello ME	English	9330na			
0500	0600		USA, WEWN/EWTV Irondale AL	English	11520af			
0500	0600		USA, WEWN/EWTV Irondale AL	Spanish	7555ca	11870ca		
0500	0600	Sat	USA, WHRI Cypress Creek SC	English	9615af			
0500	0600		USA, WRMI Miami FL	English/Spanish	9955am			
0500	0600		USA, WTWW Lebanon TN	English	5085sa	5830na		
0500	0600		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0500	0600		USA, WWRB Manchester TN	English	3185na			
0500	0600		Uzbekistan, CVC/The Voice Asia	Hindi	13630as			
0500	0600		Vanuatu, R Vanuatu	Bislama/English/French		7260do		
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		
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me	9780me		
0500	0600		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0500	0600	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0502	0600		Swaziland, TWR Africa	English	6120af	9500af		
0505	0558		Algeria, R Algerienne	Arabic	5865af	7295af		
0515	0530		Rwanda, R Rep Rwandaise	English	6055do			
0525	0600		Vanuatu, R Vanuatu	Bislama/English/French		3945do		
0529	0600		UK, BBC World Service	Hausa	5975af	6135af	7305af	
0530	0545		Uruguay, R Sarandi	Spanish	6045do			
0530	0556	DRM	Romania, R Romania Intl	Russian	6175eu			
0530	0556		Romania, R Romania Intl	Russian	7210eu			
0530	0557		Germany, Deutsche Welle	English	9470af	11800af		
0530	0557		Germany, Deutsche Welle	Portuguese	7425af			
0530	0558		Vatican City State, Vatican R	Portuguese	7360af	11625af	13765af	
0530	0600		Australia, ABC/R Australia	English	17750as			
0530	0600		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
0530	0600		China, Xinjiang PBS	Chinese	7230do			
0530	0600		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do	
0530	0600	Sat	Clandestine, Ginbot 7 Dimts R	Amharic	5980af	6025af	7120af	7185af
					9700af			
0530	0600		France, R France International	Swahili	9835af	11790af		
0530	0600		Germany, Deutsche Welle	Portuguese	12045af	17800as		
0530	0600		India, AIR/External Svc/Haj Season	Urdu	11670me	15210me	17710me	
0530	0600		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
0530	0600	Sun	India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0530	0600		India, AIR/Mumbai	Hindi/English/Marathi	7240do			
0530	0600		Iran, VO Islamic Rep of Iran	Arabic	13690as	17650as	17820as	
0530	0600		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian		15500eu	17560eu	
0530	0600		Iran, VO Islamic Rep of Iran	Spanish	15330sa	15550sa		
0530	0600		Japan, R Japan/NHK World	French	11730af	13840af		
0530	0600		Japan, R Japan/NHK World	Russian	11760as			
0530	0600		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0530	0600		Pakistan, R Pakistan/Dom SW Svc	Sheena	7465do			
0530	0600		Thailand, R Thailand World Svc	English	12015eu			
0530	0600		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as		
0530	0600	mtwhf	USA, BBG/VO America	French	4960af	6020af	9480af	12060af
0530	0600		USA, WHRI Cypress Creek SC	English	6195ca			
0545	0600		Brazil, R Itatiaia	Portuguese	5970do			
0555	0600		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0555	0600	irreg	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		Algeria, R Algerienne	French	7295af			
0600	0605	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do	
0600	0615		Canada, Bible Voice Broadcasting	Arabic	9440af			
0600	0615		Germany, R Dardasha 7	Arabic	9440af			
0600	0615		Pakistan, R Pakistan/Dom SW Svc	Sheena	7465do			
0600	0625		Colombia, Salem Stereo	Spanish	14950do			
0600	0625		Tunisia, RTV/R Tunisia	Arabic	7275eu			
0600	0626	DRM	Romania, R Romania Intl	French	9650eu			
0600	0626		Romania, R Romania Intl	French	9690af	11740eu	11790eu	
0600	0627		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian		15500eu	17560eu	
0600	0627		Iran, VO Islamic Rep of Iran	Dari	9570as	11860as		

0600	0627		Iran, VO Islamic Rep of Iran	Spanish	15530eu	15550sa			
0600	0627	mtwhfa	Vatican City State, Vatican R	French	11625af	13765af			
0600	0629		UK, BBC World Service	French	6135af	7350eu	11800af		
0600	0630		China, Xizang PBS	English	6025do	6130do	9580do		
0600	0630		France, R France International	Hausa	9805af	11995af			
0600	0630	Sat/Sun	Greece, Voice of Greece	Albanian	7475eu				
0600	0630	Sat/Sun	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do			
0600	0630		Japan, R Japan/NHK World	Arabic	11975va				
0600	0630		Myanmar, Thazin R	Burmese	9460do				
0600	0630		Myanmar, Thazin R	English	9460do				
0600	0630		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as			
0600	0630		USA, BBG/VO America	Albanian	5945eu				
0600	0630	mtwhf	USA, BBG/VO America	French	4960af	6020af	9480af	12060af	
0600	0640		Clandestine, MND Radio	Korean	6480as				
0600	0650	DRM	New Zealand, R New Zealand Intl	English	13730pa				
0600	0650		New Zealand, R New Zealand Intl	English	11725pa				
0600	0655		Saudi Arabia, BSKSA/External Svc	Swahili	15285af				
0600	0657		China, China R International	Chinese	9655as	13620as	13655as	13750as	
					15120as	15170eu	17650as	17740as	
0600	0657		China, China R International	English	11750af	11770me	11880as	13645as	
					15145as	15350as	15465as	17505va	
					17540as	17710va			
0600	0657		China, China R International	Italian	15620eu				
0600	0657		Iran, VO Islamic Rep of Iran	Hausa	17810af				
0600	0657		North Korea, VO Korea	Chinese	13650as	15100as			
0600	0657		North Korea, VO Korea	English	7220as	9345as	9730as		
0600	0657		North Korea, VO Korea	French	11735ca	13760sa	15180sa		
0600	0658		Algeria, R Algerienne	Arabic	7295af				
0600	0700		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0600	0700		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0600	0700		Anguilla, University Network	English	6090na				
0600	0700		Australia, ABC/R Australia	English	9660pa	11945pa	12080pa	13630pa	
					15240pa	15415as	17750pa	21725pa	
0600	0700		Australia, NT VL8A Alice Springs	English	4835do				
0600	0700		Australia, NT VL8K Katherine	English	5025do				
0600	0700		Australia, NT VL8T Tennant Creek	English	4910do				
0600	0700		Australia, Symban World R	Greek	2369do				
0600	0700		Austria, Radio O1 Intl	German	6155va				
0600	0700		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0600	0700		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
0600	0700		Belarus, Belaruskaje Radyjo 1	Belarusian	7255eu				
0600	0700		Bhutan, Bhutan BC Svc	Sharchop	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 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/Macapa	Portuguese	4915do				
0600	0700		Brazil, R Educadora/Limeira	Portuguese	2380do				
0600	0700		Brazil, R Guaruja 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 Boa Vontade	Portuguese	6160do	9550do			
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	6070do				
0600	0700		Canada, CFVP Calgary AB	English	6030do				
0600	0700		Canada, CKZN St Johns NF	English	6160do				
0600	0700		Canada, CKZU Vancouver BC	English	6160do				
0600	0700	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			

0600	0700		China, China Business R	Chinese	3985do 9515do 9675do 11660do 11835do 15270do 17625do	6190do 9570do 9755do 11670do 11845do 15500do 17890do	7220do 9620do 9810do 11740do 11915do 15540do	7315do 9645do 11610do 11800do 12080do 15770do
0600	0700		China, China Huayi BC	Amoy/Chinese	6185do			
0600	0700		China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do	15570do
0600	0700		China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
0600	0700		China, China R International	French	15220eu			
0600	0700		China, China R International	German	15245eu	17720eu		
0600	0700		China, China R International	Spanish	15135eu			
0600	0700		China, Hulun Buir PBS	Chinese	3900do			
0600	0700		China, Hunan 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, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0600	0700		China, Qinghai PBS-1	Chinese	4750do	6145do	9780do	
0600	0700		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0600	0700		China, VO China	Chinese	4750do 6125do 7305do 9675do 11960do 15390do 17580do	4800do 6145do 9500do 9710do 12045do 15480do 17890do	5945do 7230do 9630do 11720do 15370do 15550do	6030do 7290do 9645do 11760do 15380do 17565do
0600	0700	mtwhf	China, VO Minorities	Korean	5955do	9440do	9610do	
0600	0700		China, VO Shenzhou	Amoy/Chinese	6165do	11905do	15710do	
0600	0700		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
0600	0700		China, VO the Strait	Chinese	6115do			
0600	0700		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0600	0700		China, Xinjiang PBS	Chinese	3950do 7275do 9600do 7295do 4500do 3990do 13670do	5060do 7310do 11770do 9705do 7230do 7275do 11770do	7230do 7340do	7260do 9510do
0600	0700		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
0600	0700		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do	
0600	0700		China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do
0600	0700		China, Xizang PBS	Chinese	4820do 7240do	5935do 11860do	6050do 11950do	6145do
0600	0700		China, Xizang PBS	English/Tibetan	4905do 6130do 11685do	4920do 7385do 15570do	5240do 9490do	6110do 9580do
0600	0700		Clandestine, Denge Kurdistan	Kurdish	11510me			
0600	0700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0600	0700		Clandestine, R Damal	Somali	15700af			
0600	0700		Clandestine, Sound of Hope R Intl	Cantonese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
0600	0700		Clandestine, Sound of Hope R Intl	Chinese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
0600	0700		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
0600	0700		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0600	0700		Colombia, R Alcaravan	Spanish	5910do			
0600	0700	irreg/mtwhf	Congo Dem Rep, R Kahuzi	French	6209do			
0600	0700		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
0600	0700		Cuba, R Havana Cuba	English	6010na	6060na	6125am	6165na
0600	0700		Cuba, R Rebelde	Spanish	5025na			
0600	0700		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0600	0700		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0600	0700		Ecuador, Centro R de Imbabura	Spanish	3380do			
0600	0700		Egypt, R Cairo	Arabic/General Svc	9305na	9905na		
0600	0700	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
0600	0700		Eq Guinea, Pan Am BC/R Africa	English	15190af			
0600	0700		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
0600	0700		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do	4700do	7175al	7195al
0600	0700		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	6110do	7210do	
0600	0700		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do			
0600	0700		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
0600	0700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0600	0700		France, R France International	French	9790af	15170af	15300af	
0600	0700	DRM	France, R France International	French	3965eu			
0600	0700		Gabon, Africa No. 1	French	9580af			
0600	0700	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0600	0700		Germany, Deutsche Welle	English	13780af	17800af		
0600	0700	wa	Germany, Hamburger Lokalradio	German	7265eu			
0600	0700		Germany, R 6150	English	6070eu			

0600	0700		Germany, R 700	German/various	3955eu	6085eu		
0600	0700	mtwhf	Greece, Voice of Greece	Albanian	7475eu			
0600	0700		Greece, Voice of Greece	Greek	11645va			
0600	0700	irreg	Guinea, RTV Guinee	French/vernacular	7125do			
0600	0700		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0600	0700		India, AIR/Chennai	Hindi/English/Tamil	7380do			
0600	0700		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
0600	0700		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0600	0700		India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0600	0700	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0600	0700		India, AIR/Mumbai	Hindi/English/Marathi	7240do			
0600	0700		Indonesia, RRI Jakarta	Indonesian	9680do			
0600	0700		Indonesia, RRI Nabire	Indonesian	7290do			
0600	0700		Iran, VO Islamic Rep of Iran	Arabic	13690as	17650as	17820as	
0600	0700		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0600	0700	fa	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0600	0700		Japan, R Nikkei/Pgm 2	Japanese	9760do			
0600	0700		Kuwait, R Kuwait/General Svc	Arabic	5960me			
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	7245do		
0600	0700		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0600	0700		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0600	0700		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0600	0700		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0600	0700		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0600	0700		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
0600	0700		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
0600	0700		Mexico, R Educacion	Spanish/English	6185do			
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	minority languages	5915do			
0600	0700		Myanmar, Thazin R	minority languages	9590do			
0600	0700		Nepal, R Nepal	Nepali	5005do			
0600	0700		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0600	0700	mtwhf	Nigeria, VO Nigeria	English	15120af			
0600	0700		Pakistan, R Pakistan External Svc	Urdu	15735me	17830me		
0600	0700		Palau, T8WH/World Harvest R	English	17650as			
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 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	6175do			
0600	0700		Peru, R Union	Spanish	6115do			
0600	0700		Peru, R Victoria	Spanish	6020do	9722do		
0600	0700		Peru, R Vision	Spanish	4790do			
0600	0700		Russia, R Rossii	Russian	9840eu			
0600	0700		Russia, VO Russia	English	11635eu	21800va	21820va	
0600	0700		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0600	0700		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740va		
0600	0700		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me	17895as	
0600	0700		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me			
0600	0700		Solomon Islands, SIBC	English/Pidgin	9545do			
0600	0700	mtwhf	South Africa, Channel Africa	English	7230af	15255af		
0600	0700		South Africa, R Sonder Grense	Afrikaans	7285do			
0600	0700		South Korea, KBS World R	Spanish	6045eu			
0600	0700		Spain, R Exterior de Espana	Spanish	5965sa	11895va		
0600	0700	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0600	0700		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0600	0700		Swaziland, TWR Africa	English	3200af	6120af	9500af	
0600	0700		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0600	0700		Tajikistan, VO Tajik	Dari	7245as			
0600	0700		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0600	0700		Tunisia, RTV/R Tunisia	Arabic	7335af			
0600	0700		Turkey, VO Turkey	Turkish	9700eu	9820as		
0600	0700		Uganda, UBC Radio	English/Swahili/vernaculars		7195do		
0600	0700		UK, BBC World Service	Arabic	5790af	7325af	9915va	13660af
					15790af			
0600	0700		UK, BBC World Service	English	6005af	6190af	9410af	9460af
					12095af	15360eu	15400af	15310as
					15420af	17790as		

0600	0700	DRM	UK, BBC World Service	English	3955eu				
0600	0700		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0600	0700		USA, BBG/R Free Asia	Mandarin	11980as	13710as	15150as	15665as	
					17880as	21540as			
0600	0700		USA, BBG/R Free Asia	Tibetan	17515as	17675as	21610as	21695as	
0600	0700		USA, BBG/R Free Europe/R Liberty	Russian	7425eu	15205eu	17770eu		
0600	0700	twhfas	USA, BBG/R Marti	Spanish	6030ca				
0600	0700		USA, BBG/RFE/RL/R Farda	Farsi	5860as	13615as	15535as	15590as	
0600	0700		USA, BBG/VO America	English	6080af	9885af	15580af		
0600	0700		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as		
0600	0700		USA, Overcomer Ministry	English	3185na	5890na			
0600	0700		USA, WEWN/EWTN Irondale AL	English	11520af				
0600	0700		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870ca			
0600	0700	Sat	USA, WHRI Cypress Creek SC	English	7315sa	9615af			
0600	0700		USA, WRMI Miami FL	English/Spanish	9955am				
0600	0700		USA, WTWW Lebanon TN	English	5830na				
0600	0700		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af	
0600	0700		USA, WWRB Manchester TN	English	3185na				
0600	0700		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0600	0700		Vanuatu, R Vanuatu	Bislama/English/French		3945do	7260do		
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me				
0600	0700		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
0610	0700		Russia, Tatarstan Wave	Tatar/Russian	9410eu				
0617	0630	Sun	Nepal, R Nepal	English	5005do				
0620	0700		India, AIR/Bhopal	Bengali/Hindi/Tibetan	7230do				
0629	0700		UK, BBC World Service	Hausa	9440af	9870af	11800af		
0630	0656		Romania, R Romania Intl	English	7310eu	17780as	21600pa		
0630	0657		Vatican City State, Vatican R	English	11625af	13765af			
0630	0700		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
0630	0700		Germany, Deutsche Welle	Hausa	12045af	15275af	21780as		
0630	0700	wa	Germany, Hamburger Lokalradio	English	7265eu				
0630	0700	Sat/Sun	Greece, Voice of Greece	Spanish	7475eu				
0630	0700		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do			
0630	0700	mtwhfa	India, AIR/Imphal	Hindi/English/vernaculars		7335do			
0630	0700		India, AIR/Jaipur	Hindi/English/vernaculars		7325do			
0630	0700	Sun	India, AIR/Leh	Hindi/English/vernaculars		6000do			
0630	0700		India, AIR/Srinagar	Hindi/English/vernaculars		6110do			
0630	0700		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do			
0630	0700		Iran, VO Islamic Rep of Iran	Albanian	13810eu	15500eu			
0630	0700		Iran, VO Islamic Rep of Iran	French	17560eu	17865eu			
0630	0700		Iran, VO Islamic Rep of Iran	Italian	15085eu	1760eu			
0630	0700		Philippines, FEBC Philippines	Chinese	15450as				
0630	0700	DRM	Romania, R Romania Intl	English	9600eu				
0630	0700		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as			
0630	0700		Vatican City State, Vatican R	Latin (Mass)	3975eu	6075eu	9645va	15595va	
0645	0700	mtwhf	Austria, TWR Europe	Polish	7225eu				
0645	0700	mtwhf	Germany, TWR Europe	Polish	5910eu				
0651	0700	DRM	New Zealand, R New Zealand Intl	English	11675pa				
0656	0700		India, AIR/Shillong	Hindi/Mizo/Meghalaya		7315do			

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

0700	0710		Vatican City State, Vatican R	Latin (Mass)	15595va				
0700	0715		Austria, Radio O1 Intl	German	6155va				
0700	0715		Nepal, R Nepal	Nepali	5005do				
0700	0715	mtwhfa	Vatican City State, Vatican R	Italian	15595va				
0700	0726	DRM	Romania, R Romania Intl	German	9450eu				
0700	0726		Romania, R Romania Intl	German	11810eu				
0700	0727		Iran, VO Islamic Rep of Iran	Albanian	13810eu	15500eu			
0700	0727		Iran, VO Islamic Rep of Iran	French	17560eu	17865eu			
0700	0727		Iran, VO Islamic Rep of Iran	Italian	15085eu	17600eu			
0700	0727	Sun	Vatican City State, Vatican R	Romanian (Liturgy/Holy Days)	7250eu	9645eu			
0700	0729		UK, BBC World Service	French	11800af	15105af			
0700	0730		China, Xizang PBS	English/Tibetan	4905do	6200do			
0700	0730	Sun	Cuba, R Havana Cuba	Esperanto	6010na				
0700	0730		France, R France International	Hausa	13685af	15315af			
0700	0730	Sat/Sun	Greece, Voice of Greece	German	7475eu				
0700	0730		Myanmar, Myanma R	English	5985do				
0700	0730		Myanmar, Myanma R	minority languages	5915do				
0700	0730		USA, BBG/RFE/RL/R Farda	Farsi	5860as	13615as	15535as	15690as	
0700	0730		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as			
0700	0730		USA, BBG/VO America	Hausa	4960af	12070af	17680af		
0700	0735		Vanuatu, R Vanuatu	Bislama/English/French		7260do			

0700	0740		Clandestine, MND Radio	Korean	5290as				
0700	0755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me	17895as		
0700	0757		China, China R International	Cantonese	11640as	13610as			
0700	0757		China, China R International	Chaozhou	15145as	17750as			
0700	0757		China, China R International	Chinese	9655as	11855as	13750as	17650as	
					17740as	17830as			
0700	0757		China, China R International	English	11785as	11880as	13645eu	15125as	
					15350as	15465as	17490eu	17540as	
					17710as				
0700	0757		China, China R International	French	15220eu				
0700	0757		China, China R International	Spanish	15135eu				
0700	0757		North Korea, Pyongyang BC Sta	Korean	7220as	9345as			
0700	0757		North Korea, VO Korea	Japanese	3250as	7580as	9650as		
0700	0757		North Korea, VO Korea	Russian	9975eu	11735eu	13760eu	15245eu	
0700	0758		New Zealand, R New Zealand Intl	English	11725pa				
0700	0758	DRM	New Zealand, R New Zealand Intl	English	11675pa				
0700	0800		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0700	0800		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0700	0800		Anguilla, University Network	English	6090na				
0700	0800		Australia, ABC/R Australia	English	7410pa	9475pa	9660pa	9710pa	
					11945pa	12080pa	13630pa	15240pa	
0700	0800		Australia, NT VL8A Alice Springs	English	4835do				
0700	0800		Australia, NT VL8K Katherine	English	5025do				
0700	0800		Australia, NT VL8T Tennant Creek	English	4910do				
0700	0800		Australia, Symban World R	Greek	2369do				
0700	0800		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0700	0800		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
0700	0800		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
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 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 Guaiba	Portuguese	6000do	11785do			
0700	0800		Brazil, R Guaruja Paulista	Portuguese	5045do				
0700	0800		Brazil, R Iguatemi	Portuguese	4975do				
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 Novo Tempo	Portuguese	4895do				
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 Boa Vontade	Portuguese	6160do	9550do			
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	irreg	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
0700	0800		Canada, CFRX Toronto ON	English	6070do				
0700	0800		Canada, CFVP Calgary AB	English	6030do				
0700	0800		Canada, CKZN St Johns NF	English	6160do				
0700	0800		Canada, CKZU Vancouver BC	English	6160do				
0700	0800	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
0700	0800		China, China Business R	Chinese	3985do	6190do	7220do	7315do	
					9515do	9570do	9620do	9645do	
					9675do	9755do	9810do	11610do	
					11660do	11670do	11740do	11800do	
					11835do	11845do	11915do	12080do	
					15270do	15500do	15540do	15770do	
					17625do	17845do	17890do		
0700	0800		China, China Huayi BC	Amoy/Chinese	6185do				
0700	0800		China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	15570do	
0700	0800		China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do		
0700	0800		China, Hunan PBS	Chinese	3900do				

0700	0800		China, Nei Menggu PBS	Chinese	7420do	9520do		
0700	0800		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
0700	0800		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
0700	0800		China, Qinghai PBS-1	Chinese	4750do	6145do	9780do	
0700	0800		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0700	0800		China, VO China	Chinese	4750do	4800do	5945do	6030do
					6125do	6145do	7230do	7290do
					7305do	9500do	9645do	9675do
					11720do	11760do	11960do	12045do
					15370do	15380do	15390do	15480do
					17550do	17565do	17580do	17890do
0700	0800	mtwhf	China, VO Minorities	Mongolian	5955do			
0700	0800		China, VO Shenzhou	Amoy/Chinese	6165do	11905do	15710do	
0700	0800		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
0700	0800		China, VO the Strait	Chinese	6115do			
0700	0800		China, VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0700	0800		China, Xinjiang PBS	Chinese	3950do	5060do	7230do	7260do
					7275do	7310do	7340do	9510do
					9600do	11770do		
0700	0800		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do	
0700	0800		China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do
					13670do			
0700	0800		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
					7240do	11860do	11950do	
0700	0800		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
					6130do	7385do	9490do	9580do
					11685do	15570do		
0700	0800		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do			
0700	0800		Clandestine, Denge Kurdistan	Kurdish	11510me			
0700	0800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0700	0800		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as
					12670as	12800as	13270as	15940as
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		Cuba, R Rebelde	Spanish	5025na			
0700	0800		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
0700	0800		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0700	0800		Ecuador, Centro R de Imbabura	Spanish	3380do			
0700	0800		Egypt, R Cairo	Arabic/General Svc	17510af			
0700	0800	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
0700	0800		Eq Guinea, Pan Am BC/R Africa	English	15190af			
0700	0800		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
0700	0800		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do		
0700	0800		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do	4700do	7175al	7195al
0700	0800		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	6110do	7210do	
0700	0800		Ethiopia, R Ethiopia/External Svc	Somali	7235af	9558af		
0700	0800		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do			
0700	0800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
0700	0800		France, R France International	French	13695af	15170af	15300af	21580af
0700	0800	DRM	France, R France International	French	3965af			
0700	0800		Gabon, Africa No. 1	French	9580af			
0700	0800	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0700	0800		Germany, AWR Europe	Arabic	11975af			
0700	0800	wa	Germany, Hamburger Lokalradio	English	7265eu			
0700	0800	wa	Germany, Hamburger Lokalradio	German	7265eu			
0700	0800		Germany, R 6150	English	6070eu			
0700	0800		Germany, R 700	German/various	3955eu	6005eu	6085eu	
0700	0800		Greece, Voice of Greece	Greek	11645va			
0700	0800	irreg	Guinea, RTV Guinee	French/vernacular	7125do			
0700	0800		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0700	0800		India, AIR/Aizawl	Hindi/English/vernaculars		7295do		
0700	0800		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do		
0700	0800		India, AIR/Chennai	Hindi/English/Tamil	7380do			
0700	0800		India, AIR/External Svc	Nepali	7150as	7420as	9595as	11850as
0700	0800		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
0700	0800		India, AIR/Hyderabad	Hindi/English/Sanskrit/Urdu		7420do		
0700	0800		India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0700	0800		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		6150do		
0700	0800		India, AIR/Jaipur	Hindi/English/vernaculars		7325do		
0700	0800		India, AIR/Jeyppore	Hindi/English/Odia/Sanskrit		6040do		
0700	0800		India, AIR/Kohima	Hindi/English/vernaculars		6065do		
0700	0800		India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
0700	0800		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
0700	0800		India, AIR/Leh	Hindi/English/vernaculars		6000do		
0700	0800		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0700	0800		India, AIR/Mumbai	Hindi/English/Marathi	7240do			
0700	0800		India, AIR/Port Blair	Hindi/English/Nicobarese		7390do		

0700	0800		India, AIR/Shillong	Hindi/Mizo/Meghalaya	7315do			
0700	0800		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
0700	0800		India, AIR/Srinagar	Hindi/English/vernaculars	6110do			
0700	0800		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil	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	13690as	17820as		
0700	0800		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0700	0800		Japan, R Japan/NHK World	Japanese	6165as			
0700	0800		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			
0700	0800		Laos, LNR Natl Svc/Vientane	Khmu	6130do			
0700	0800		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0700	0800		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0700	0800		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0700	0800		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0700	0800		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0700	0800		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0700	0800		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0700	0800		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
0700	0800		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
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		Myanmar, Thazin R	minority languages	9590do			
0700	0800		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0700	0800		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0700	0800	mtwhf	Nigeria, VO Nigeria	French	15120af			
0700	0800		Palau, T8WH/World Harvest R	English	17650as			
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 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	6175do			
0700	0800		Peru, R Union	Spanish	6115do			
0700	0800		Peru, R Victoria	Spanish	6020do	9722do		
0700	0800		Peru, R Vision	Spanish	4790do			
0700	0800		Russia, VO Russia	English	11635eu	12015eu	15745as	21800va
					21820va	21840as		
0700	0800		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0700	0800		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740va		
0700	0800		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me			
0700	0800		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
0700	0800	mtwhf	South Africa, Channel Africa	English	9625af			
0700	0800		South Africa, R Sonder Grense	Afrikaans	7285do			
0700	0800		South Korea, KBS World R	Korean	6045eu			
0700	0800		Spain, R Exterior de Espana	Spanish	5965sa			
0700	0800	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0700	0800		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0700	0800		Swaziland, TWR Africa	English	3200af	6120af	9500af	
0700	0800		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0700	0800		Tajikistan, VO Tajik	Dari	7245as			
0700	0800		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0700	0800		Tunisia, RTV/R Tunisia	Arabic	7335af			
0700	0800		Turkey, VO Turkey	Turkish	11925as	15350eu	15480as	
0700	0800		Uganda, UBC Radio	English/Swahili/vernaculars		7195do		
0700	0800		UK, BBC World Service	Arabic	11680af	17885af		
0700	0800		UK, BBC World Service	English	5875eu	6190af	13820af	11770af
					12095af	13820af	15310as	15400af
					15575va	17640af	17660eu	17790as
					17830as			
0700	0800	DRM	UK, BBC World Service	English	5875eu	7355eu		
0700	0800		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0700	0800	twhf	USA, BBG/R Marti	Spanish	5980ca	6030ca		
0700	0800		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as	
0700	0800		USA, Overcomer Ministry	English	3185na	5890na		
0700	0800		USA, WEWN/EWTN Irontdale AL	English	11520af			
0700	0800		USA, WEWN/EWTN Irontdale AL	Spanish	7555ca	11870ca		
0700	0800		USA, WHRI Cypress Creek SC	English	7315sa	9615af	9930as	

0700	0800		USA, WRMI Miami FL	English/Spanish	9955am			
0700	0800		USA, WTWW Lebanon TN	English	5830na			
0700	0800		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0700	0800		USA, WWRB Manchester TN	English	3185na			
0700	0800		Uzbekistan, CVC/The Voice Asia	Hindi	13630as			
0700	0800		Vanuatu, R Vanuatu	Bislama/English/French		3945do		
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, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0700	0800	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0712	0800	Sun	Vatican City State, Vatican R	Ukrainian (Liturgy)	9850eu	11740eu		
0715	0730	mtwhfa	Vatican City State, Vatican R	French	15595va			
0715	0800		Nepal, R Nepal	Nepali	5005do			
0725	0800		Russia, R Rossii	Russian	12075eu			
0725	0800		Ukraine, Dneprovskaya Volna	Ukrainian	11980eu			
0730	0744		Vatican City State, Vatican R	English	15595va			
0730	0745	Sat/Sun	Greece, Voice of Greece	Russian	7475eu			
0730	0756		Romania, R Romania Intl	Arabic	15155af	15330af	17500af	17810af
0730	0800		Australia, HCJB Global Australia	English	15490as			
0730	0800		China, VO China	Chinese	4750do	4800do	9830do	11710do
0730	0800		Clandestine, R Sedayee Kashmir	Kashmiri	6100as			
0730	0800		Iran, VO Islamic Rep of Iran	German	17690eu	21500eu		
0730	0800	mtwhf	Nigeria, VO Nigeria	Arabic	15120va			
0730	0800		Philippines, FEBC Philippines	Chinese	15525as			
0730	0800		USA, BBG/RFE/RL/R Farda	Farsi	5860as	12005as	13800as	15535as
					15690as			
0730	0800		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as		
0745	0800	Sat/Sun	Greece, Voice of Greece	Polish	7475eu			
0745	0800		Indonesia, RRI Makassar	Indonesian	4750do			
0745	0800	mtwhfa	Vatican City State, Vatican R	Arabic	6075eu	9645af	11740va	15595va
0750	0800		Indonesia, RRI Kendari	Indonesian	3995do			
0750	0800		Indonesia, RRI Ternate	Indonesian	3345do			
0759	0800		New Zealand, R New Zealand Intl	English	9765pa			
0759	0800	DRM	New Zealand, R New Zealand Intl	English	9870pa			

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

0800	0805	mtwhfa	Vatican City State, Vatican R	Arabic	6075eu	9645af	11740va	15595va
0800	0810		Clandestine, R Sedayee Kashmir	Kashmiri	6100as			
0800	0810		Tunisia, RTV/R Tunisia	Arabic	7335af			
0800	0815		Indonesia, RRI Nabire	Indonesian	7290do			
0800	0827		Iran, VO Islamic Rep of Iran	Arabic	13690as			
0800	0827		Iran, VO Islamic Rep of Iran	German	17690eu	21500eu		
0800	0830		Australia, HCJB Global Australia	English	15490as			
0800	0830		Australia, NT VL8A Alice Springs	English	4835do			
0800	0830		Australia, NT VL8K Katherine	English	5025do			
0800	0830		Australia, NT VL8T Tennant Creek	English	4910do			
0800	0830	Sun	Canada, Bible Voice Broadcasting	English	7220eu			
0800	0830		China, VO China	Chinese	9645do	9675do		
0800	0830		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do			
0800	0830	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
0800	0830		Germany, AWR Europe	French	15145af			
0800	0830		Germany, AWR Europe	Kabyle	15125af			
0800	0830		Germany, Deutsche Welle	Pashto	15640as	17710af		
0800	0830	Sat/Sun	Greece, Voice of Greece	Bulgarian	7475eu			
0800	0830		Japan, R Japan/NHK World	Russian	6165as			
0800	0830		Philippines, FEBC Philippines	Hu	15450as			
0800	0830	mtw	Philippines, FEBC Philippines	Madurese	15320as			
0800	0830	hf	Philippines, FEBC Philippines	Sasak	15320as			
0800	0830		UK, FEBA Radio	Arabic	15220me			
0800	0830		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as		
0800	0830		USA, WHRI Cypress Creek SC	English	11565pa			
0800	0843	Sun	Vatican City State, Vatican R	Ukrainian (Liturgy)	9850eu	11740eu		
0800	0845	Sat	Canada, Bible Voice Broadcasting	English	7220eu			
0800	0850		Austria, TWR Europe	English	7400eu			
0800	0850		Germany, TWR Europe	English	6105eu			
0800	0855		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740va		
0800	0855		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me		
0800	0856	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc	15370me	15430as	17850as	
					17860me			
0800	0857		China, China R International	Chinese	9880as	11640as	11855as	13610as
					15565as	17560va	17650as	17830as
0800	0857		China, China R International	English	9415as	11785as	11880as	15350as
					15465as	15625va	17490eu	17540as

0800	0857	China, China R International	Hausa	7295af				
0800	0857	China, China R International	Russian	15335eu	15665va			
0800	0857	North Korea, VO Korea	Chinese	7220as	9345as			
0800	0857	North Korea, VO Korea	Japanese	3250as	7580as	9650as		
0800	0857	North Korea, VO Korea	Russian	9975as	11735eu	13760eu	15245eu	
0800	0900	Albania, R Tirana	Albanian	7390eu				
0800	0900	Angola, R Nac de Angola/Canal A	Portuguese	4950do				
0800	0900	Angola, R Nac de Angola/Intl Svcnational languages		7217af				
0800	0900	Anguilla, University Network	English	6090na				
0800	0900	Australia, ABC/R Australia	English	5995pa	7410pa	9475pa	9580pa	
				9710pa	11945pa	12080pa	15240pa	
0800	0900	Australia, Symban World R	Greek	2369do				
0800	0900	Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
0800	0900	Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
0800	0900	fa Bolivia, R Fides	Spanish/Aymara	6155do				
0800	0900	Brazil, R Alvorada/Londrina	Portuguese	4865do				
0800	0900	Brazil, R Alvorada/Paritins	Portuguese	4965do				
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 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	4878do				
0800	0900	Brazil, R Difusora/Caceres	Portuguese	5055do				
0800	0900	Brazil, R Difusora/Londrina	Portuguese	4815do				
0800	0900	Brazil, R Difusora/Macapa	Portuguese	4915do				
0800	0900	Brazil, R Educadora/Limeira	Portuguese	2380do				
0800	0900	Brazil, R Gaucha	Portuguese	11915do				
0800	0900	Brazil, R Gazeta	Portuguese	5955do	9685do			
0800	0900	Brazil, R Guaiba	Portuguese	6000do	11785do			
0800	0900	Brazil, R Guaruja Paulista	Portuguese	5045do				
0800	0900	Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
0800	0900	Brazil, R Iguatemi	Portuguese	4975do				
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 Rural	Portuguese	4765do				
0800	0900	Brazil, R Trans Mundial	Portuguese	5965do				
0800	0900	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
0800	0900	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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	irreg Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
0800	0900	Canada, CFRX Toronto ON	English	6070do				
0800	0900	Canada, CFVP Calgary AB	English	6030do				
0800	0900	Canada, CKZN St Johns NF	English	6160do				
0800	0900	Canada, CKZU Vancouver BC	English	6160do				
0800	0900	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
0800	0900	China, China Business R	Chinese	3985do	6190do	7220do	7315do	
				9570do	9620do	9755do	9810do	
				11610do	11660do	11670do	11740do	
				11800do	11835do	11845do	11915do	
				12080do	15270do	15500do	15540do	
				15770do	17625do	17845do	17890do	
0800	0900	China, China Huayi BC	Amoy/Chinese	6185do				
0800	0900	China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do	
				7350do	7360do	9480do	9530do	
				11685do	15570do			
0800	0900	China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do		
0800	0900	China, Hunan PBS	Chinese	3900do				
0800	0900	China, Nei Menggu PBS	Chinese	7420do	9520do			
0800	0900	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0800	0900	China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do	
				11685do				
0800	0900	China, Qinghai PBS-1	Chinese	4750do	6145do	9780do		

0800	0900		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0800	0900		China, VO Shenzhen	Amoy/Chinese	6165do	11905do		15710do	
0800	0900		China, VO the Strait	Amoy/Hakka	6115do	7280do		9505do	
0800	0900		China, VO the Strait	Chinese	6115do				
0800	0900		China, VO Zhonghua	Amoy/Chinese	5925do	9685do		11620do	11935do
0800	0900		China, Xinjiang PBS	Chinese	3950do	5060do		7230do	7260do
					7275do	7310do		7340do	9510do
					9600do	11770do			
0800	0900		China, Xinjiang PBS	Kazakh	7340do	9470do			
0800	0900		China, Xinjiang PBS	Kyrgyz	7295do	9705do		11975do	
0800	0900		China, Xinjiang PBS	Mongolian	4500do	7230do		9510do	
0800	0900		China, Xinjiang PBS	Uyghur	3990do	7275do		9560do	11885do
					13670do				
0800	0900		China, Xizang PBS	Chinese	4820do	5935do		6050do	6145do
					7240do	11860do		11950do	
0800	0900		China, Xizang PBS	English/Tibetan	4905do	4920do		5240do	6110do
					6130do	7385do		9490do	9580do
					11685do	15570do			
0800	0900		Clandestine, Denge Kurdistan	Kurdish	11510me				
0800	0900		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as		6348as	
0800	0900		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as		10960as	12230as
					12670as	12800as		13270as	15940as
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		Cuba, R Rebelde	Spanish	5025na				
0800	0900		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
0800	0900		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0800	0900		Ecuador, Centro R de Imbabura	Spanish	3380do				
0800	0900		Egypt, R Cairo	Arabic/General Svc	17510af				
0800	0900	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0800	0900		Eqt Guinea, Pan Am BC/R Africa	English	15190af				
0800	0900		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
0800	0900		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
0800	0900		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do		7175al	7195al	
0800	0900		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do		7210do		
0800	0900		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do				
0800	0900	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu		11690eu	11720eu
0800	0900		France, R France International	French	13695af	15170af		15300af	17680af
					21580af				
0800	0900	DRM	France, R France International	French	3965eu				
0800	0900		Gabon, Africa No. 1	French	9580af				
0800	0900	wa	Germany, Hamburger Lokalradio	German	7265eu				
0800	0900		Germany, R 6150	English	6070eu				
0800	0900		Germany, R 700	German/various	3955eu	6005eu		6085eu	
0800	0900		Greece, Voice of Greece	Greek	11645va				
0800	0900	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
0800	0900		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do			
0800	0900		India, AIR/Aizawl	Hindi/English/vernaculars		7295do			
0800	0900		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do			
0800	0900		India, AIR/Chennai	Hindi/English/Tamil	7380do				
0800	0900		India, AIR/External Svc	Bengali	7420as				
0800	0900		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do			
0800	0900		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		7420do			
0800	0900		India, AIR/Imphal	Hindi/English/vernaculars		7335do			
0800	0900		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		6150do			
0800	0900		India, AIR/Jaipur	Hindi/English/vernaculars		7325do			
0800	0900		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit		6040do			
0800	0900		India, AIR/Kohima	Hindi/English/vernaculars		6065do			
0800	0900		India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do			
0800	0900		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do				
0800	0900		India, AIR/Leh	Hindi/English/vernaculars		6000do			
0800	0900		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do				
0800	0900		India, AIR/Mumbai	Hindi/English/Marathi	7240do				
0800	0900		India, AIR/Port Blair	Hindi/English/Nicobarese		7390do			
0800	0900		India, AIR/Shillong	Hindi/Mizo/Meghalaya		7315do			
0800	0900		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do				
0800	0900		India, AIR/Srinagar	Hindi/English/vernaculars		6110do			
0800	0900		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do			
0800	0900		Indonesia, RRI Fak Fak	Indonesian	4790do				
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	17650as	17820as			
0800	0900		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
0800	0900		Japan, R Japan/NHK World	Japanese	5970sa	9750as		11740as	15290af
0800	0900		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do		9595do	

0800	0900	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do			
0800	0900		Kuwait, R Kuwait	Farsi	7250as			
0800	0900		Kuwait, R Kuwait/General Svc	Arabic	5960me			
0800	0900		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
0800	0900		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0800	0900		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0800	0900		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0800	0900		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0800	0900		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0800	0900		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0800	0900		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0800	0900		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
0800	0900		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
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 Meditteranee Intl/Medi 1	Arabic/French	9575va			
0800	0900		Myanmar, Thazin R	minority languages	9590do			
0800	0900		Nepal, R Nepal	Nepali	5005do			
0800	0900		New Zealand, R New Zealand Intl	English	9765pa			
0800	0900	DRM	New Zealand, R New Zealand Intl	English	9870pa			
0800	0900		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0800	0900		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0800	0900	mtwhf	Nigeria, VO Nigeria	English	15120af			
0800	0900		Palau, T8WH/World Harvest R	English	17650as			
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 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	6175do			
0800	0900		Peru, R Union	Spanish	6115do			
0800	0900		Peru, R Victoria	Spanish	6020do	9722do		
0800	0900		Peru, R Vision	Spanish	4790do			
0800	0900		Philippines, FEBC Philippines	Chinese	15525as			
0800	0900		Russia, R Rossii	Russian	12075eu			
0800	0900		Russia, VO Russia	English	9625eu	11635eu	15745as	21800va
					21830va	21840as		
0800	0900	DRM	Russia, VO Russia	English	9625eu			
0800	0900	DRM	Russia, VO Russia	Russian	9625eu			
0800	0900		Russia, VO Russia	Russian	9625eu			
0800	0900		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0800	0900		Saudi Arabia, BSKSA/European Pgm	French	17785af			
0800	0900		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me			
0800	0900		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
0800	0900	mtwhf	South Africa, Channel Africa	English	9625af			
0800	0900	Sun	South Africa, R Mirror Intl	English	7205af	17760af		
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	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0800	0900		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
0800	0900		Taiwan, R Taiwan Intl	Amoy	15290as			
0800	0900		Taiwan, R Taiwan Intl	Japanese	11605as			
0800	0900		Tajikistan, R Tojikiston/TR1	Russian	4765do			
0800	0900		Tajikistan, VO Tajik	Russian	7245as			
0800	0900		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do		
0800	0900		Turkey, VO Turkey	Azeri	11835as			
0800	0900		Turkey, VO Turkey	Turkish	11925as	15350eu	15480as	
0800	0900		Uganda, UBC Radio	English/Swahili/vernaculars		7195do		
0800	0900		UK, BBC World Service	English	6190af	12095af	15310as	15400af
					15575va	17640af	17660eu	17790eu
					17830af	21470af		
0800	0900	DRM	UK, BBC World Service	English	5875eu	7355eu		
0800	0900		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0800	0900		USA, BBG/R Free Europe/R Liberty	Russian	9360eu	11705eu	17770eu	
0800	0900	twhfas	USA, BBG/R Marti	Spanish	5980ca	6030ca		
0800	0900		USA, BBG/RFE/RL/R Farda	Farsi	5860as	12005as	13800as	15535as
					15690as			
0800	0900		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as	
0800	0900		USA, KNLS Anchor Point AK	Chinese	9655eu			
0800	0900		USA, KNLS Anchor Point AK	English	7355as			

0800	0900		USA, Overcomer Ministry	English	3185na	5890na		
0800	0900		USA, WEWN/EWTN Irondale AL	English	11520af			
0800	0900		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870ca		
0800	0900		USA, WHRI Cypress Creek SC	English	7315sa	9930as		
0800	0900		USA, WRMI Miami FL	English/Spanish	9955am			
0800	0900		USA, WTWW Lebanon TN	English	5830na			
0800	0900		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0800	0900		USA, WWRB Manchester TN	English	3185na			
0800	0900		Uzbekistan, CVC/The Voice Asia	Hindi	13630as			
0800	0900		Vanuatu, R Vanuatu	Bislama/English/French		3945do		
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, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
0800	0900	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
0810	0830		Clandestine, R Sedayee Kashmir	Dogri	6100as			
0810	0900		Russia, Tatarstan Wave	Tatar/Russian	11610eu			
0815	0827		Nepal, R Nepal	English	5005do			
0830	0900		Australia, NT VL8A Alice Springs	English	2310do			
0830	0900		Australia, NT VL8K Katherine	English	2485do			
0830	0900		Australia, NT VL8T Tennant Creek	English	2325do			
0830	0900		Brazil, Educadora/Braganca	Portuguese	4825do			
0830	0900		China, China R International	Indonesian	15135as	17735as		
0830	0900	m	Clandestine, Fiji Freedom & Democracy	Fijian	11565af			
0830	0900		Clandestine, R Domo i Viti	Fijian	11565pa			
0830	0900		Clandestine, R ERGO	Somali	17680af			
0830	0900		Germany, AWR Europe	Tachelhit	15145af			
0830	0900		Germany, Deutsche Welle	Dari	15640as	17710as		
0830	0900	Sat/Sun	Greece, Voice of Greece	Serbian	7475eu			
0830	0900		India, AIR/External Svc	English/Hindi/Urdu	7250as	7340as	9595as	11620as
0830	0900		Iran, VO Islamic Rep of Iran	Arabic	13750as	15400as		
0830	0900		Iran, VO Islamic Rep of Iran	Dari	15170as	15300as		
0830	0900		Iran, VO Islamic Rep of Iran	Swahili	21510af	21650af		
0830	0900		Pakistan, R Pakistan External Svc	Urdu	15725va	17700va		
0830	0900	mwf	Philippines, FEBC Philippines	Banjar	11820as			
0830	0900	tha	Philippines, FEBC Philippines	Gorontalo	11820as			
0830	0900		Philippines, FEBC Philippines	Mongolian	15450as			
0830	0900		UK, BBC World Service	Pashto	15710as	17720as		
0830	0900		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as		
0830	0900	Sun	Vatican City State, Vatican R	Italian (Mass)	7250eu			
0845	0900		India, AIR/External Svc	Indonesian	15770as	17510as	17875as	
0845	0900		Indonesia, RRI Serui	Indonesian	4605do			
0850	0900	mtwhf	Guam, KTWR/TWR Asia	English	15200as			

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

0900	0100	DRM	France, R France International	French	3965eu			
0900	0913	Sun	Vatican City State, Vatican R	Italian (Mass)	7250eu			
0900	0920		India, AIR/Chennai	Hindi/English/Tamil	7380do			
0900	0927		China, China R International	Indonesian	15135as	17735as		
0900	0927		Iran, VO Islamic Rep of Iran	Swahili	21510af	21650af		
0900	0930		China, Xizang PBS	English/Tibetan	9490do	9530do	11685do	15570do
0900	0930		Clandestine, R ERGO	Somali	17680af			
0900	0930	mtwhf	Guam, KTWR/TWR Asia	English	15200as			
0900	0930	mtwhfa	India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
0900	0930	mtwhfa	India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		7420do		
0900	0930		India, AIR/Leh	Hindi/English/vernaculars		6000do		
0900	0930		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
0900	0930		Japan, R Japan/NHK World	Chinese	6090as			
0900	0930		Japan, R Japan/NHK World	Portuguese	6130sa			
0900	0930		Mongolia, Voice of Mongolia	English	12085as			
0900	0930		Philippines, FEBC Philippines	Makassarese	15580as			
0900	0930		UK, BBC World Service	Pashto	15710as	17720as		
0900	0930		USA, BBG/RFE/RL/R Farda	Farsi	5860as	12005as	13800as	15535as
					15690as			
0900	0930		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as		
0900	0930	mt	USA, BBG/VO America	Swahili	13740af	15265af	17865af	
0900	0930		USA, WHRI Cypress Creek SC	English	6195sa			
0900	0931		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do		
0900	0931		India, AIR/Jaipur	Hindi/English/vernaculars		7325do		
0900	0931		India, AIR/Port Blair	Hindi/English/Nicobarese		7390do		
0900	0931		India, AIR/Shillong	Hindi/Mizo/Meghalaya		7315do		
0900	0945		India, AIR/External Svc	Indonesian	15770as	17510as	17875as	
0900	0945		India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		6040do		
0900	0955		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	11935me	17570as	17615as
0900	0956	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc		15380af	15430me	17745af
					17775me			

0900	0957		China, China R International	Chinese	5965as 11750as 15340va 17500va	7430as 11980as 15440va 17560va	9440as 13850as 15525as	9460as 15250pa 15565as
0900	0957		China, China R International	English	9415as 17490eu 17750va	15210as 17570eu	15270eu 17650eu	15350as 17690va
0900	0957		China, China R International	Romanian	7285eu	9460eu		
0900	0957		China, China R International	Russian	15335va	15665va		
0900	0957		North Korea, Korean Central BC Sta	Korean	7220as	9345as		
0900	0957		North Korea, Pyongyang BC Sta	Korean	9975eu	11735eu	13760eu	15245eu
0900	0957		North Korea, VO Korea	Japanese	3250as	7580as	9650as	
0900	1000		Albania, R Tirana	Albanian	7390eu			
0900	1000		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
0900	1000		Angola, R Nac de Angola/Intl Svcnational languages		7217af			
0900	1000		Anguilla, University Network	English	6090na			
0900	1000		Australia, ABC/R Australia	English	9580pa	11945pa		
0900	1000		Australia, ABC/R Australia	Tok Pisin	5995as 9710as	6020as	6080as	9475as
0900	1000	mtwhf	Australia, ABC/R Australia	Tok Pisin	12080as			
0900	1000		Australia, NT VL8A Alice Springs	English	2310do			
0900	1000		Australia, NT VL8K Katherine	English	2485do			
0900	1000		Australia, NT VL8T Tennant Creek	English	2325do			
0900	1000		Australia, Symban World R	Greek	2369do			
0900	1000		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
0900	1000		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as			
0900	1000		Bhutan, Bhutan BC Svc	Sharchop	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, R Alvorada/Londrina	Portuguese	4865do			
0900	1000		Brazil, R Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
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/Guarajara Mirim	Portuguese	3375do			
0900	1000		Brazil, R Educadora/Limeira	Portuguese	2380do			
0900	1000		Brazil, R Gaucha	Portuguese	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 Iguatemi	Portuguese	4975do			
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 Rural	Portuguese	4765do			
0900	1000		Brazil, R Trans Mundial	Portuguese	9530do	11735do		
0900	1000		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0900	1000		Brazil, Super R Boa Vontade	Portuguese	6160do	9550do		
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	irreg	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		

0900	1000	f	Canada, Bible Voice Broadcasting	Arabic	17545af				
0900	1000		Canada, CFRX Toronto ON	English	6070do				
0900	1000		Canada, CFVP Calgary AB	English	6030do				
0900	1000		Canada, CKZN St Johns NF	English	6160do				
0900	1000		Canada, CKZU Vancouver BC	English	6160do				
0900	1000	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
0900	1000		China, China Business R	Chinese	3985do	6040do	7220do	7245do	
					7315do	9570do	9620do	9810do	
					11610do	11660do	11670do	11740do	
					11800do	11835do	11845do	11915do	
					12080do	15270do	15500do	15540do	
					15770do	17625do	17845do	17890do	
0900	1000		China, China Huayi BC	Amoy/Chinese	6185do				
0900	1000		China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do	9530do	
					11685do				
0900	1000		China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do		
0900	1000		China, Hulun Buir PBS	Chinese	3900do				
0900	1000		China, Hunan PBS	Chinese	3900do				
0900	1000		China, Nei Menggu PBS	Chinese	7420do	9520do			
0900	1000		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
0900	1000		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do	
0900	1000		China, Qinghai PBS-1	Chinese	4750do	6145do			
0900	1000		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0900	1000		China, VO China	Chinese	4750do	4800do	5945do	6000do	
					6030do	6125do	6145do	6175do	
					7215do	7230do	7290do	7305do	
					7345do	9500do	9630do	9645do	
					9710do	9830do	11710do	11720do	
					11760do	11960do	12045do	15370do	
					15380do	15390do	15480do		
0900	1000		China, VO Minorities	Kazakh	6145do	11630do	11780do	12055do	
					15415do				
0900	1000		China, VO Shenzhou	Amoy/Chinese	6165do	9170do			
0900	1000		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do		
0900	1000		China, VO the Strait	Chinese	6115do				
0900	1000		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
					11620do	11935do			
0900	1000		China, Xinjiang PBS	Chinese	3950do	5060do	7230do	7260do	
					7275do	7310do	7340do	9510do	
					9600do	11770do			
0900	1000		China, Xinjiang PBS	Kazakh	7340do	9470do			
0900	1000		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do		
0900	1000		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do		
0900	1000		China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do	
					13670do				
0900	1000		China, Xizang PBS	Chinese	4820do	5935do	6050do	7240do	
					11860do	11950do			
0900	1000		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do	9490do	9580do	
0900	1000		Clandestine, Denge Kurdistan	Kurdish	11510me				
0900	1000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
0900	1000		Clandestine, R Free Kenyalang	Iban	15360as				
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		Cuba, R Rebelde	Spanish	5025na				
0900	1000		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
0900	1000		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0900	1000		Dominican Rep, R Amanecer Intl	Spanish	6025do				
0900	1000		Ecuador, Centro R de Imbabura	Spanish	3380do				
0900	1000		Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
0900	1000		Egypt, R Cairo	Arabic/General Svc	17510af				
0900	1000	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0900	1000		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
0900	1000		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
0900	1000		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
0900	1000		Ethiopia, Amhara State Regional R	Amharic	6090do				
0900	1000		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
0900	1000		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do			
0900	1000		Ethiopia, R Oromiya	Oromo	6030do				
0900	1000		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
0900	1000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
0900	1000		Gabon, Africa No. 1	French	9580af				
0900	1000	wa	Germany, Hamburger Lokalradio	German	7265eu				
0900	1000	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
0900	1000		Germany, R 6150	English	6070eu				

0900	1000		Germany, R 700	German/various	3955eu	6005eu	6085eu	
0900	1000	irreg	Guinea, RTV Guinea	French/vernacular	7125do			
0900	1000		India, AIR/Aizawl	Hindi/English/vernaculars		7295do		
0900	1000		India, AIR/External Svc	Bengali	7420as			
0900	1000		India, AIR/External Svc	English/Hindi/Urdu	7250as	7340as	9595as	11620as
0900	1000		India, AIR/Imphal	Hindi/English/vernaculars		7335do		
0900	1000		India, AIR/Kolkata	Bengali/Hindi/Santhani		7210do		
0900	1000		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
0900	1000		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0900	1000		India, AIR/Mumbai	Hindi/English/Marathi	7240do			
0900	1000		India, AIR/Port Blair	Hindi/English/Nicobarese		7390do		
0900	1000		India, AIR/Srinagar	Hindi/English/vernaculars		6110do		
0900	1000		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do		
0900	1000		India, AIR/Vivdh Bharati	Hindi	9870do			
0900	1000	DRM	India, AIR/Vivdh Bharati	Hindi	6100do			
0900	1000		Indonesia, RRI Fak Fak	Indonesian	4790do			
0900	1000		Indonesia, RRI Jakarta	Indonesian	9680do			
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	13750as	17620as	17650as	
0900	1000		Iran, VO Islamic Rep of Iran	Dari	15170as	15300as		
0900	1000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0900	1000	Sat	Italy, IRRS Shortwave	English	9510va			
0900	1000		Japan, R Japan/NHK World	Japanese	9750as	11740as	11815as	15290as
0900	1000		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
0900	1000		Kuwait, R Kuwait	Farsi	7250as			
0900	1000		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
0900	1000		Laos, LNR Natl Svc/Vientane	Lao	6130do			
0900	1000		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0900	1000		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
0900	1000		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
0900	1000		Malaysia, RTM Kajang/Traxx FM	English	7295do			
0900	1000		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
0900	1000		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
0900	1000		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
0900	1000		Mauritania, R Mauritania	Arabic/French/vernaculars		4845do		
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 Mediterranee Intl/Medi 1	Arabic/French	9575va			
0900	1000		Nepal, R Nepal	Nepali	5005do			
0900	1000	mtwhf	Netherlands, Transport R	Dutch	6095eu			
0900	1000	DRM	New Zealand, R New Zealand Intl	English	9870pa			
0900	1000		New Zealand, R New Zealand Intl	English	9765pa			
0900	1000		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0900	1000		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
0900	1000	mtwhf	Nigeria, VO Nigeria	English	9690af			
0900	1000		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
0900	1000		Pakistan, R Pakistan External Svc	Bengali	11870as	15105as		
0900	1000		Pakistan, R Pakistan External Svc	Urdu	15725va	17700va		
0900	1000		Palau, T8WH/World Harvest R	English	17650as			
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 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 JPJ del Peru	Spanish	3355do			
0900	1000		Peru, R Logos	Bora/Quechua/Spanish		4810do		
0900	1000		Peru, R Municipal	Spanish	3173do			
0900	1000		Peru, R Tawantinsuyo	Spanish/Quechua	6175do			
0900	1000		Peru, R Union	Spanish	6115do			
0900	1000		Peru, R Victoria	Spanish	6020do	9722do		
0900	1000		Peru, R Vision	Spanish	4790do			
0900	1000		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
0900	1000		Philippines, FEBC Philippines	Chinese	9400as	9430as		
0900	1000		Russia, R Rossii	Russian	12075eu			
0900	1000		Russia, VO Russia	English	9625eu	15745as	21800va	21820va
0900	1000	DRM	Russia, VO Russia	English	9625eu			
0900	1000		Russia, VO Russia	German	9625eu			

0900	1000	DRM	Russia, VO Russia	German	11635eu				
0900	1000		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
0900	1000		Saudi Arabia, BSKSA/European Pgm	French	17785af				
0900	1000		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as				
0900	1000		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17805af			
0900	1000		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
0900	1000		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
0900	1000	mtwhf	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	DRM	Spain, R Exterior de Espana	Spanish	15585eu				
0900	1000		Sudan, Sudan RTV/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	Chinese	15465as				
0900	1000		Taiwan, R Taiwan Intl	Vietnamese	15270as				
0900	1000		Tajikistan, R Tojikiston/TR1	Russian	4765do				
0900	1000		Tajikistan, VO Tajik	Russian	7245as				
0900	1000		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
0900	1000		Turkey, VO Turkey	Turkish	11925as	15350eu	15480as		
0900	1000		Uganda, UBC Radio	English/Swahili/vernaculars	7195do				
0900	1000		UK, BBC World Service	English	6190af	6195as	9740as	11895as	
					12095af	15285af	15310as	15400af	
					15575af	17760as	17790as	17830af	
0900	1000		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0900	1000		USA, BBG/R Free Europe/R Liberty	Russian	9360eu	11705eu	17770eu		
0900	1000		USA, BBG/R Marti	Spanish	5980ca	6030ca			
0900	1000		USA, BBG/VO America	Chinese	9880as	11720as	11825as	11855as	
					13650as	13765as	15670as	21590as	
0900	1000		USA, BBG/VOA/R Mashaal	Pashto	12130as	13580as	15760as		
0900	1000		USA, KNLS Anchor Point AK	Chinese	9655as				
0900	1000		USA, KNLS Anchor Point AK	Russian	9680eu				
0900	1000		USA, Overcomer Ministry	English	3185na	5890na			
0900	1000		USA, WEWN/EWTN Irondale AL	English	11520af				
0900	1000		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870ca			
0900	1000		USA, WHRI Cypress Creek SC	English	9930as	11565pa			
0900	1000		USA, WRMI Miami FL	English/Spanish	9955am				
0900	1000		USA, WTWW Lebanon TN	English	5830na				
0900	1000		USA, WWCR Nashville TN	English	4840na	5890ca	5935af	15825eu	
0900	1000		USA, WWRB Manchester TN	English	3185na				
0900	1000		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
0900	1000		Vanuatu, R Vanuatu	Bislama/English/French		3945do			
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, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
0900	1000	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
0905	0910		Pakistan, R Pakistan External Svc	English	15725eu	17700eu			
0905	1000		China, Xizang PBS	Chinese	6145do	9780do			
0905	1000	w	Vatican City State, Vatican R	Papal Audience	6075eu				
0915	0945		Japan, R Japan/NHK World	Korean	9700as				
0925	1000		China, CNR/Fujian	Chinese	5040do				
0925	1000	irreg	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do				
0927	1000	Sun	Vatican City State, Vatican R	Amharic/Russian/Armenian/Ukrainian			11740eu	11740af	
					15595af				
0927	1000	2nd/4th Sun	Vatican City State, Vatican R	Russian (Holy Mass)	11740eu	15595va	17590va		
0930	0945	Sat	Guam, KTWR/TWR Asia	Balinese	15200as				
0930	0945	Sun	Guam, KTWR/TWR Asia	Mandarin	15200as				
0930	0957		Iran, VO Islamic Rep of Iran	Armenian	11850eu	15220eu			
0930	1000		Bolivia, R Illimani	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	fs	China, VO the Strait	English	6115do				
0930	1000		France, R France International	Chinese	7325as	11875as			
0930	1000		Germany, TWR Europe	Hungarian	7210eu				
0930	1000	mtwhf	Guam, KTWR/TWR Asia	Madurese	15200as				
0930	1000		Japan, R Japan/NHK World	Spanish	6195sa	6145al	9795am		
0930	1000		Mongolia, Voice of Mongolia	Mongolian	12085as				
0930	1000		Myanmar, Myanma R	minority languages	5915do				
0930	1000		Peru, R Cusco	Spanish	4780do	4800al			
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	11905as		
0930	1000		Turkey, VO Turkey	Farsi	11795as			
0930	1000		UK, BBC World Service	Dari	15710as	17720as		
0930	1000		USA, BBG/RFE/RL/R Farda	Farsi	5860as	11690as	12005as	13800as
					15690as			
0930	1000		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as		
0945	1000		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
0945	1000	Sun	Guam, KTWR/TWR Asia	Balinese	15200as			
0945	1000		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
0945	1000		Japan, R Japan/NHK World	Indonesian	6140as			
0950	1000		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		

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

1000	1000		Germany, R 700	German/various	3955eu	6005eu	6085eu	
1000	1000		USA, KNLS Anchor Point AK	English	7355as			
1000	1015	Sun	Guam, KTWR/TWR Asia	Mandarin	15235as			
1000	1018	mtwhf	Guam, KTWR/TWR Asia	English	11840pa			
1000	1027		China, China R International	Malay	15135as	17680as		
1000	1027		Iran, VO Islamic Rep of Iran	Arabic	15400as	17620as		
1000	1030	mtwhf	Australia, HCJB Global Australia	Fujian	15400as			
1000	1030	Sat/Sun	Australia, HCJB Global Australia	Mandarin	15400as			
1000	1030		China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	15570do
1000	1030		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do	
1000	1030		France, R France International	Chinese	7325as	11875as		
1000	1030	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do		
1000	1030	Sat	Guam, KTWR/TWR Asia	English	11840pa			
1000	1030	smtwhf	Guam, KTWR/TWR Asia	Indonesian	15200as			
1000	1030	Sat	Guam, KTWR/TWR Asia	Javanese	15200as			
1000	1030	Sat/Sun	India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
1000	1030		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
1000	1030	Sun	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		7290do		
1000	1030		Japan, R Japan/NHK World	English	9625as	11740as		
1000	1030		Japan, R Japan/NHK World	Indonesian	6140as			
1000	1030		Mongolia, Voice of Mongolia	Chinese	12085as			
1000	1030		Pakistan, R Pakistan External Svc	Nepali	11870as	15105as		
1000	1030		Philippines, FEBC Philippines	Lahu	12095as			
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	15710as	17720as		
1000	1030		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	12140as	19010as		
1000	1030	Sat/Sun	USA, BBG/VO America	Portuguese	11915af	17850af	15670af	
1000	1030		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1000	1031	Sun	India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		7430do		
1000	1035		China, CNR/Fujian	Chinese	5040do			
1000	1035		India, AIR/Mumbai	Hindi/English/Marathi	7240do			
1000	1040		Clandestine, MND Radio	Korean	4925as	6550as		
1000	1050	Sun	Vatican City State, Vatican R	Amharic/Russian/Armenian/Ukrainian			11740eu	11740af
					15595af			
1000	1050	2nd/4th Sun	Vatican City State, Vatican R	Russian (Holy Mass)	11740eu	15595va	17590va	
1000	1055	DRM	Spain, R Exterior de Espana	Spanish	15585eu			
1000	1055		Turkey, VO Turkey	Arabic	11955af			
1000	1056	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc		15260eu	17780af	17870eu
					21500eu			
1000	1057		China, China R International	Cantonese	15440pa	17670pa		
1000	1057		China, China R International	Chinese	5965as	7255as	9460as	9880as
					11980as	13850as	15250as	15340va
					15525as	17500va		
1000	1057		China, China R International	English	5955na	7215as	11640as	13590as
					13720as	15190as	15210pa	15350as
					17490eu	17690va		
1000	1057		China, China R International	Hungarian	15220eu	17570eu		
1000	1057		China, China R International	Japanese	7325as	9440as		
1000	1057		China, China R International	Russian	5915eu	7290eu	7400eu	
1000	1057		North Korea, Pyongyang BC Sta	Korean	7220as	9345as		
1000	1057		North Korea, VO Korea	English	6170va	9335sa	9850as	
1000	1057		North Korea, VO Korea	Japanese	6070as	7580as	9650as	
1000	1058		New Zealand, R New Zealand Intl	English	9765pa			
1000	1058	DRM	New Zealand, R New Zealand Intl	English	9870pa			
1000	1100		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
1000	1100		Angola, R Nac de Angola/Intl Svcnational languages		7217af			
1000	1100		Anguilla, University Network	English	11775na			
1000	1100	mtwhf	Argentina, RAE	Japanese	6090sa	15345as		
1000	1100		Australia, ABC/R Australia	English	6020pa	9580pa	11945pa	
1000	1100	Sat/Sun	Australia, ABC/R Australia	English	9475pa			
1000	1100	Sat/Sun	Australia, ABC/R Australia	Tok Pisin	5995as			
1000	1100		Australia, ABC/R Australia	Tok Pisin	6020as	6080as	9475as	9710as

1000	1100	mtwhf	Australia, ABC/R Australia	Tok Pisin	12080pa			
1000	1100		Australia, NT VL8A Alice Springs	English	2310do			
1000	1100		Australia, NT VL8K Katherine	English	2485do			
1000	1100		Australia, NT VL8T Tennant Creek	English	2325do			
1000	1100		Australia, Symban World R	Greek	2369do			
1000	1100	Sun	Austria, AWR Europe	Bari	11955as	15260as		
1000	1100	mtwhfa	Austria, AWR Europe	Mandarin	11955as	15260as		
1000	1100		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
1000	1100		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as			
1000	1100		Bhutan, Bhutan BC Svc	Lhotsam	6035do			
1000	1100		Bolivia, R Camargo	Spanish/Aymara	3390do			
1000	1100		Bolivia, R Eco	Spanish	4409do			
1000	1100		Bolivia, R Fides	Spanish/Aymara	6155do			
1000	1100		Bolivia, R Illimani	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, R Alvorada/Londrina	Portuguese	4865do			
1000	1100		Brazil, R Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
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 Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
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	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 Iguatemi	Portuguese	4975do			
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 Rural	Portuguese	4765do			
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, Super R Alvorada	Portuguese	2460do			
1000	1100		Brazil, Super R Boa Vontade	Portuguese	6160do	9550do		
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	irreg	Cameroon, CRTV/R Buea	French/English/vernaculars	6005do			
1000	1100		Canada, CFRX Toronto ON	English	6070do			
1000	1100		Canada, CFVP Calgary AB	English	6030do			
1000	1100		Canada, CKZN St Johns NF	English	6160do			
1000	1100		Canada, CKZU Vancouver BC	English	6160do			
1000	1100	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars	6165do			
1000	1100		China, Beibu Bay R	Cantonese	5050do	9820do		
1000	1100		China, China Business R	Chinese	3985do	6040do	6090do	6155do
					7220do	7245do	7315do	7335do
					9620do	9755do	9810do	11610do
					11660do	11670do	11740do	11800do
					11835do	15540do	15770do	17725do
					17890do			
1000	1100		China, China Huayi BC	Amoy/Chinese	6185do			
1000	1100		China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do
					7350do	7360do	9480do	
1000	1100		China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
1000	1100		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
1000	1100		China, Hulun Buir PBS	Chinese	3900do			
1000	1100		China, Hunan PBS	Chinese	3900do			
1000	1100		China, Nei Menggu PBS	Chinese	7420do	9520do		
1000	1100		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1000	1100		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do
1000	1100		China, Qinghai PBS-1	Chinese	4750do	6145do		
1000	1100		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
1000	1100		China, VO China	Chinese	4750do	4800do	6000do	6030do
					6125do	6145do	6175do	7215do
					7230do	7290do	7345do	9500do
					9630do	9710do	9830do	11630do
					11710do	11720do	11760do	12045do
					12055do	13610do	13700do	15370do
					15380do	17550do	17565do	
1000	1100		China, VO Minorities	Korean	5955do	7410do	9785do	
1000	1100		China, VO Shenzhen	Amoy/Chinese	6165do	9170do		
1000	1100		China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do	
1000	1100		China, VO the Strait	Chinese	6115do			
1000	1100		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do
1000	1100		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do
					7275do	7310do	7340do	9600do
					11770do			
1000	1100		China, Xinjiang PBS	Kazakh	7340do	9470do		
1000	1100		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
1000	1100		China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do
					13670do			
1000	1100		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
					7240do	9780do	11860do	11950do
1000	1100		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
					6130do	7385do		
1000	1100		Clandestine, Denge Kurdistan	Kurdish	11510me			
1000	1100		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1000	1100	Sat/Sun	Clandestine, Sound of Hope R Intl	Chinese	9540as	11760as		
1000	1100		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
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		Cuba, R Rebelde	Spanish	5025na			
1000	1100		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
1000	1100		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1000	1100		Dominican Rep, R Amanecer Intl	Spanish	6025do			
1000	1100		Ecuador, Centro R de Imbabura	Spanish	3380do			
1000	1100		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1000	1100		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1000	1100		Egypt, R Cairo	Arabic/General Svc	17510af			
1000	1100	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1000	1100		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
1000	1100		Ethiopia, Amhara State Regional R	Amharic	6090do			
1000	1100		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do		
1000	1100		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do			
1000	1100		Ethiopia, R Oromiya	Oromo	6030do			
1000	1100		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1000	1100	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
1000	1100	DRM	France, R France International	French	3965eu			
1000	1100		Gabon, Africa No. 1	French	9580af			
1000	1100	Sun	Germany, AWR Europe	Italian	9610eu			
1000	1100		Germany, Deutsche Welle	Swahili	9800af	12070af	15275af	15700af
1000	1100	wa	Germany, Hamburger Lokalradio	German	7265eu			
1000	1100	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1000	1100		Germany, R 6150	English	6070eu			

1000	1100		Germany, R 700	German/various	3955eu	6005eu	6085eu	
1000	1100	mtwhfa	Guam, KTWR/TWR Asia	Mandarin	15235as			
1000	1100	irreg	Guinea, RTV Guinee	French/vernacular	7125do			
1000	1100		India, AIR/External Svc	Bengali	7420as			
1000	1100		India, AIR/External Svc	English	7270as	13605as	13695pa	15030as
					15410as	17510pa	17895pa	
1000	1100		India, AIR/External Svc	English/Hindi/Urdu	7250as	7340as	9595as	11620as
1000	1100		India, AIR/Guwahati	Assamese/Hindi/vernaculars	7280do			
1000	1100		India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do			
1000	1100		India, AIR/Kohima	Hindi/English/vernaculars	4850do			
1000	1100		India, AIR/Srinagar	Hindi/English/vernaculars	6110do			
1000	1100		India, AIR/Vivdh Bharati	Hindi	9870do			
1000	1100	DRM	India, AIR/Vivdh Bharati	Hindi	6100do			
1000	1100		Indonesia, RRI Fak Fak	Indonesian	4790do			
1000	1100		Indonesia, RRI Jakarta	Indonesian	9680do			
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	Arabic	13750as	17650as		
1000	1100		Iran, VO Islamic Rep of Iran	Dari	15170as	15300as		
1000	1100		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1000	1100		Japan, R Japan/NHK World	Japanese	9750as	11815as		
1000	1100		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1000	1100		Kuwait, R Kuwait/General Svc	Arabic	21540eu			
1000	1100		Kuwait, R Kuwait/General Svc	Filipino	15540as			
1000	1100		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
1000	1100		Laos, LNR Natl Svc/Vientane	Lao	6130do			
1000	1100	irreg	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
1000	1100		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1000	1100		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
1000	1100		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1000	1100		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1000	1100		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
1000	1100		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
1000	1100		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1000	1100		Mauritania, R Mauritania	Arabic/French/vernaculars		4845do		
1000	1100		Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
1000	1100		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1000	1100		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1000	1100		Myanmar, Myanma R	minority languages	5915do			
1000	1100		Nepal, R Nepal	Nepali	5005do			
1000	1100	mtwhf	Netherlands, Transport R	Dutch	6095eu			
1000	1100		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1000	1100		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1000	1100	mtwhf	Nigeria, VO Nigeria	English	9690af			
1000	1100		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
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 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, Aroma Cafe R	Spanish	6060do			
1000	1100		Peru, La Voz de la Selva	Spanish	4824do			
1000	1100		Peru, R Altura	Spanish/Quechua	5014do			
1000	1100		Peru, R Ancash	Spanish	4992do			
1000	1100		Peru, R Chaski	Quechua	5980do			
1000	1100		Peru, R Cultural Amauta	Spanish	4955do			
1000	1100		Peru, R Cusco	Spanish	4780do	4800al		
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 Logos	Bora/Quechua/Spanish		4810do		
1000	1100		Peru, R Luz Sonida	Spanish	3235do			
1000	1100		Peru, R Madre de Dios	Spanish	4950do			
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	6175do				
1000	1100		Peru, R Union	Spanish	6115do				
1000	1100		Peru, R Universal	Spanish	6088do				
1000	1100		Peru, R Victoria	Spanish	6020do	9722do			
1000	1100		Peru, R Virgen del Carmen	Spanish	4887do				
1000	1100		Peru, R Vision	Spanish	4790do				
1000	1100		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1000	1100		Philippines, FEBC Philippines	Chinese	9400as	9430as			
1000	1100		Philippines, R Veritas Asia	Mandarin	11945as				
1000	1100		Romania, R Romania Intl	Romanian	15260eu	17870eu			
1000	1100		Russia, R Rossii	Russian	12075eu				
1000	1100		Russia, VO Russia	Chinese	5900as	7305as	11935as		
1000	1100		Russia, VO Russia	English	7260as	9625eu	15745as		
1000	1100	DRM	Russia, VO Russia	English	9625eu				
1000	1100	DRM	Russia, VO Russia	German	9625eu				
1000	1100		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1000	1100		Saudi Arabia, BSKSA/European Pgm	English	15250as				
1000	1100		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as				
1000	1100		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17805af			
1000	1100		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	11935me	17570as	17615as	
1000	1100		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
1000	1100		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1000	1100		Somalia (Puntland) R Hage Somalia	Somali	6915do	3980al			
1000	1100	mtwhf	South Africa, Channe 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		Sri Lanka, SLBC	Malayalam	6005as	11905as			
1000	1100		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1000	1100		Taiwan, R Taiwan Intl	Amoy	15465as				
1000	1100		Taiwan, R Taiwan Intl	Chinese	6085as	6105as	7385as	9780as	
					11640as	mi0313			
1000	1100		Taiwan, R Taiwan Intl	Indonesian	11520as	11915as			
1000	1100		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1000	1100		Tajikistan, VO Tajik	Uzbek	7245as				
1000	1100		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1000	1100		Thailand, R Thailand World Svc	Thai	17630me				
1000	1100		Turkey, VO Turkey	Farsi	11795as				
1000	1100		Turkey, VO Turkey	Turkish	15350eu	15480as			
1000	1100		Uganda, UBC Radio	English/Swahili/vernaculars		7195do			
1000	1100		UK, BBC World Service	English	6190af	6195as	9740as	11760va	
					12095af	15285as	15310as	15575eu	
					17790as				
1000	1100	Sat/Sun	UK, BBC World Service	English	17830af				
1000	1100		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1000	1100		USA, BBG/R Free Asia	Tibetan	9690as	15140as	17810as		
1000	1100		USA, BBG/R Marti	Spanish	5980ca	6030ca			
1000	1100		USA, BBG/RFE/RL/R Farda	Farsi	5860as	11690as	12005as	13800as	
					15690as				
1000	1100		USA, BBG/VO America	Chinese	9530as	9880as	11720as	11825as	
					11855as	13650as	13765as	15670as	
					21590as				
1000	1100		USA, BBG/VOA/R Mashal	Pashto	12130as	13580as	15760as		
1000	1100		USA, KNLS Anchor Point AK	Chinese	9615as				
1000	1100		USA, Overcomer Ministry	English	3185na	5890na			
1000	1100		USA, WEWN/EWTN Irondale AL	English	11520af				
1000	1100		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	11870ca			
1000	1100		USA, WHRI Cypress Creek SC	English	7315sa	9930as	11565pa		
1000	1100		USA, WRMI Miami FL	English/Spanish	9955am				
1000	1100		USA, WTWW Lebanon TN	English	5830na				
1000	1100		USA, WWCR Nashville TN	English	4840na	5890ca	5935af	15825eu	
1000	1100		USA, WWRB Manchester TN	English	3185na				
1000	1100		Uzbekistan, CVC/The Voice Asia	Hindi	13630as				
1000	1100		Vanuatu, R Vanuatu	Bislama/English/French		3945do			
1000	1100	w	Vatican City State, Vatican R	Papal Audience	6075eu				
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me				
1000	1100		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1000	1100	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1005	1006		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do				
1010	1100		Myanmar, Myanma R	minority languages	7200do				

1030	1100	mtwhf	Australia, HCJB Global Australia	Mandarin	15400as			
1030	1100		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1030	1100		Bolivia, R San Miguel	Spanish	4699do			
1030	1100		China, China Business R	Chinese	3985do	7375do		
1030	1100		China, China R International	Cambodian	15160as	17680as		
1030	1100		China, China R International	Indonesian	11700as	15135as		
1030	1100		China, VO China	Chinese	4750do	4800do	9845do	11710do
1030	1100		Guam, KTWR/TWR Asia	Sudanese	15200as			
1030	1100		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
1030	1100		India, AIR/Imphal	Hindi/English/vernaculars		4775do		
1030	1100		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
1030	1100	sf	Indonesia, AWR Asia/Pacific	Illocano	17540as			
1030	1100	wh	Indonesia, AWR Asia/Pacific	Tagalog	17540as			
1030	1100	mta	Indonesia, AWR Asia/Pacific	Tagalog	17540as			
1030	1100		Iran, VO Islamic Rep of Iran	Arabic	11925as	13725as	17550as	
1030	1100		Iran, VO Islamic Rep of Iran	English	21575va	21610va		
1030	1100	Sun	Italy, IRRS Shortwave	English	9510va			
1030	1100		Japan, R Japan/NHK World	Burmese	11740as			
1030	1100		Mongolia, Voice of Mongolia	Japanese	12085as			
1030	1100		Myanmar, Thazin R	Burmese	7110do			
1030	1100		Myanmar, Thazin R	minority languages	7345do			
1030	1100		Peru, Ondas del Huallaga	Spanish	3330do			
1030	1100		Peru, R Maranon	Spanish	4835do			
1030	1100		Peru, R Sicuani	Spanish/Quechua	4826do			
1030	1100		Philippines, FEBC Philippines	Sasak	15580as			
1030	1100		Philippines, FEBC Philippines	Tai-Lu	12095as			
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	15710as	17720as		
1030	1100		USA, BBG/RFE/RL/R Farda	Farsi	9990as	11690as	12005as	13800as
					15690as			
1030	1100		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as		
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as		
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as			
1045	1100		Pakistan, R Pakistan External Svc	Hindi	9385as	11865as		
1045	1100		Peru, La Voz de las Huarinjas	Spanish	5059do			
1045	1100		Peru, R Bethel	Spanish	5921do			
1055	1100		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do			
1056	1100		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
1059	1100		New Zealand, R New Zealand Intl	English	15720pa			
1059	1100	DRM	New Zealand, R New Zealand Intl	English	9870pa			

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1100	1105		Pakistan, R Pakistan External Svc	English	15725eu	17700eu		
1100	1110	stwhfa	Kyrgyzstan, Kyrgyz Radiosu	Russian	4795do			
1100	1115	mwh	Australia, HCJB Global Australia	English	15400as			
1100	1115	Sat/Sun	Australia, HCJB Global Australia	Japanese	15400as			
1100	1115	tf	Australia, HCJB Global Australia	Urdu	15400as			
1100	1115	twhf	Canada, Bible Voice Broadcasting	Cantonese	15390as			
1100	1115		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1100	1115		Switzerland, R Freundes-Dienst	German	6055eu			
1100	1115		Thailand, R Thailand World Svc	Vietnamese	5875as			
1100	1125		Turkey, VO Turkey	Tatar	15360eu			
1100	1127		China, China R International	Cambodian	15160as	17680as		
1100	1127		China, China R International	Indonesian	11700as	15135as		
1100	1127		Iran, VO Islamic Rep of Iran	Arabic	11925as	13725as		
1100	1127		Iran, VO Islamic Rep of Iran	English	21575va	21610va		
1100	1129		Vatican City State, Vatican R	Angeles	6075eu	7250eu	9645eu	11740eu
					15595va	17590af	21680af	
1100	1130	Sat/Sun	Canada, Bible Voice Broadcasting	English	15390as			
1100	1130	m	Canada, Bible Voice Broadcasting	Mandarin	15390as			
1100	1130	mtwhf	China, Beibu Bay R	Thai	5050do			
1100	1130	Sat/Sun	China, Beibu Bay R	Vietnamese	5050do			
1100	1130		France, R France International	French	15680as			
1100	1130		India, AIR/External Svc	English/Hindi/Urdu	7250as	7340as	9595as	11620as
1100	1130		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do		
1100	1130		Indonesia, AWR Asia/Pacific	Indonesian	15495as			
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	11740as			
1100	1130		Philippines, FEBC Philippines	Hmong Black	12095as			
1100	1130	tha	Philippines, FEBC Philippines	Jarai	9920as			
1100	1130	mtws	Philippines, FEBC Philippines	Rade	9920as			
1100	1130		Somalia (Puntland) R Hage Somalia	Somali	6915do	3980af		
1100	1130	Sat/DRM	South Korea, KBS World R	English	9760eu			
1100	1130		South Korea, KBS World R	Vietnamese	9770as			
1100	1130	mtwhf	UK, BBC World Service	English	15400af			
1100	1130		UK, BBC World Service	Pashto	15710as	17720as		

1100	1130		UK, BBC World Service	Somali	17780af				
1100	1130		USA, BBG/RFE/RL/R Free Afghanistan	Dari	12140as	19010as			
1100	1130	Sat	USA, BBG/VO America	French	11915af	13735af	15620af	17850af	
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	6480as				
1100	1145		Guam, KTWV/TWR Asia	Mandarin	12120as				
1100	1145		Pakistan, R Pakistan External Svc	Hindi	7475as	11865as			
1100	1155		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as				
1100	1155		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17805af			
1100	1155		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	11935me	17570as	17615as	
1100	1155		Turkey, VO Turkey	Georgian	9840as				
1100	1156		Romania, R Romania Intl	French	15150eu	15255eu	17820eu	17870af	
1100	1157		China, China R International	Bulgarian	7220eu				
1100	1157		China, China R International	Burmese	9880as				
1100	1157		China, China R International	Cantonese	9540as	9590as	9645as	13580pa	
1100	1157		China, China R International	Chaozhou	9440as	11875as			
1100	1157		China, China R International	Chinese	7435as	9515pa	11620as	11980as	
					15440as	17650va			
1100	1157		China, China R International	Czech	15225eu	17570eu			
1100	1157		China, China R International	English	5955as	9570as	11650as	11795as	
					13590as	13645as	13665as	13720as	
					17490va				
1100	1157		China, China R International	Esperanto	6100eu	7210eu			
1100	1157		China, China R International	Japanese	7260as	7325as			
1100	1157		China, China R International	Korean	5965as				
1100	1157		China, China R International	Mongolian	7400as	9450as			
1100	1157		China, China R International	Russian	5915eu	6080eu			
1100	1157		China, China R International	Vietnamese	9550as	11785as	11990as		
1100	1157		Iran, VO Islamic Rep of Iran	Dari	15170as				
1100	1157		North Korea, VO Korea	Chinese	7220as	9345as			
1100	1157		North Korea, VO Korea	French	6170va	9335sa	9850as		
1100	1157		North Korea, VO Korea	Japanese	3250as	6070as	7580as	9650as	
1100	1157		Philippines, R Veritas Asia	Mandarin	11945as				
1100	1157		Vietnam, VO Vietnam/Overseas Svc	Chinese	7216as	12000as			
1100	1200		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1100	1200		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1100	1200		Anguilla, University Network	English	11775na				
1100	1200	mtwhf	Argentina, RAE	Portuguese	6060am	15345am			
1100	1200		Australia, ABC/R Australia	English	5995pa	6020pa	6080as	6140as	
					9580as	11945pa			
1100	1200	DRM	Australia, ABC/R Australia	English	12080pa				
1100	1200		Australia, NT VL8A Alice Springs	English	2310do				
1100	1200		Australia, NT VL8K Katherine	English	2485do				
1100	1200		Australia, NT VL8T Tennant Creek	English	2325do				
1100	1200		Australia, Symban World R	Greek	2369do				
1100	1200		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1100	1200		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
1100	1200		Belarus, R Belarus	Belarusian	11730eu				
1100	1200		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
1100	1200		Bolivia, R Camargo	Spanish/Aymara	3390do				
1100	1200		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1100	1200		Bolivia, R Eco	Spanish	4409do				
1100	1200		Bolivia, R Fides	Spanish/Aymara	6155do				
1100	1200		Bolivia, R Illimani	Spanish/Aymara/Quechua		6025do			
1100	1200		Bolivia, R Lipez	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				
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, R Alvorada/Londrina	Portuguese	4865do				
1100	1200		Brazil, R Alvorada/Paritins	Portuguese	4965do				
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 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	4878do				
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 Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
1100	1200	Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
1100	1200	Brazil, R Educadora Rural/Tefe	Portuguese	4925do				
1100	1200	Brazil, R Educadora/Guaraja Mirim	Portuguese	3375do				
1100	1200	Brazil, R Educadora/Limeira	Portuguese	2380do				
1100	1200	Brazil, R Gaucha	Portuguese	11915do				
1100	1200	Brazil, R Gazeta	Portuguese	5955do	9685do			
1100	1200	Brazil, R Guaiaba	Portuguese	6000do	11785do			
1100	1200	Brazil, R Guaruja Paulista	Portuguese	5045do				
1100	1200	Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
1100	1200	Brazil, R Iguatemi	Portuguese	4975do				
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, Super R Alvorada	Portuguese	2460do				
1100	1200	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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	irreg Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1100	1200	Canada, CFRX Toronto ON	English	6070do				
1100	1200	Canada, CFVP Calgary AB	English	6030do				
1100	1200	Canada, CKZN St Johns NF	English	6160do				
1100	1200	Canada, CKZU Vancouver BC	English	6160do				
1100	1200	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1100	1200	China, China Business R	Chinese	3985do	6040do	6090do	6155do	
				7220do	7245do	7315do	7335do	
				7370do	7375do	9620do	9755do	
				9810do	11610do	11660do	11670do	
				11740do	11800do	17725do	17890do	
1100	1200	China, China Huayi BC	Amoy/Chinese	6185do				
1100	1200	China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
				7350do	7360do	9480do		
1100	1200	China, China Natl R/CNR 13	Uyghur	9420do	9890do	13700do	15390do	
1100	1200	China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
1100	1200	China, Hulun Buir PBS	Chinese	3900do				
1100	1200	China, Hunan PBS	Chinese	3900do				
1100	1200	China, Nei Menggu PBS	Chinese	7420do	9520do			
1100	1200	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1100	1200	China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	6190do	9850do	
1100	1200	China, Qinghai PBS-1	Chinese	4750do	6145do			
1100	1200	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1100	1200	China, VO China	Chinese	4750do	4800do	6000do	6030do	
				6125do	6145do	6175do	7215do	
				7230do	7275do	7290do	7345do	
				9500do	9710do	9830do	9845do	
				9860do	9900do	11710do	11720do	
				11760do	17550do	17565do	17890do	
1100	1200	China, VO Minorities	Korean	5955do	5975do	6020do		
1100	1200	China, VO Shenzhen	Amoy/Chinese	6165do	9170do			
1100	1200	China, VO the Strait	Amoy/Hakka	6115do	7280do	9505do		
1100	1200	China, VO the Strait	Chinese	6115do				
1100	1200	China, VO Zhonghua	Amoy.Chinese	5925do	7620do	9410do	9665do	
1100	1200	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
				7275do	7310do	7340do	9600do	
				11770do				

1100	1200	China, Xinjiang PBS	Kazakh	7340do	9470do		
1100	1200	China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
1100	1200	China, Xinjiang PBS	Uyghur	3990do	7275do	9560do	11885do
				13670do			
1100	1200	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
				7240do	9780do	11860do	11950do
1100	1200	China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
				6130do	7385do		
1100	1200	China, Yunnan PBS	Chinese	6035do	7210do		
1100	1200	Clandestine, Denge Kurdistane	Kurdish	11510me			
1100	1200	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1100	1200	Clandestine, R Free Sarawak	English/Iban	11600as			
1100	1200	Clandestine, Sound of Hope R Intl	Chinese	7280as	7970as	9970as	10960as
				12230as	12670as	12800as	13270as
				15940as			
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	Cuba, R Rebelde	Spanish	5025na			
1100	1200	Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
1100	1200	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1100	1200	Ecuador, Centro R de Imbabura	Spanish	3380do			
1100	1200	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1100	1200	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1100	1200	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1100	1200	Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
1100	1200	Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1100	1200	Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do		
1100	1200	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1100	1200	1st Sat Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
1100	1200	DRM France, R France International	French	3965eu			
1100	1200	Gabon, Africa No. 1	French	9580af			
1100	1200	Germany, Hamburger Lokalradio	German	7265eu			
1100	1200	Sat/Sun Germany, Mighty KBC Radio	English	6095eu			
1100	1200	Germany, R 6150	English	6070eu			
1100	1200	Germany, R 700	German/various	3955eu	6005eu	6085eu	
1100	1200	Guam, KTWR/TWR Asia	Mandarin	9910as			
1100	1200	irreg 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, AIR/External Svc	Thai	11670as	13645as	15410as	
1100	1200	India, AIR/Gangkok	Hindi/English/vernaculars	4835do			
1100	1200	India, AIR/Imphal	Hindi/English/vernaculars	4775do			
1100	1200	India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do			
1100	1200	India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit	5040do			
1100	1200	India, AIR/Kohima	Hindi/English/vernaculars	4850do			
1100	1200	India, AIR/Port Blair	Hindi/English/Nicobarese	4760do			
1100	1200	India, AIR/Shillong	Hindi/Mizo/Meghalaya	4970do			
1100	1200	India, AIR/Srinagar	Hindi/English/vernaculars	6110do			
1100	1200	India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil	5010do			
1100	1200	India, AIR/Vivdh Bharati	Hindi	9870do			
1100	1200	DRM India, AIR/Vivdh Bharati	Hindi	6100do			
1100	1200	Indonesia, AWR Asia/Pacific	Mandarin	11730as	11825as	12035as	
1100	1200	Indonesia, RRI Fak Fak	Indonesian	4790do			
1100	1200	Indonesia, RRI Jakarta	Indonesian	9680do			
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	Dari	15300as			
1100	1200	Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1100	1200	Sun Italy, IRRS Shortwave	English	9510va			
1100	1200	Japan, R Japan/NHK World	Japanese	9750as	11815as		
1100	1200	Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1100	1200	Kuwait, R Kuwait/General Svc	Arabic	9750af	21540eu		
1100	1200	Kuwait, R Kuwait/General Svc	Filippino	15540as			
1100	1200	Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
1100	1200	Laos, LNR Natl Svc/Vientane	Lao	6130do			
1100	1200	irreg Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
1100	1200	Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1100	1200	Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
1100	1200	Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			

1100	1200	Malaysia, RTM Kajang/Traxx FM	English	7295do		
1100	1200	Malaysia, RTM Sarawak FM/Kajang	Malay	9835do		
1100	1200	Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do		
1100	1200	Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do	
1100	1200	Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do	
1100	1200	Micronesia, V6MP/Cross R/Pohnpei	English	4755as		
1100	1200	Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do
1100	1200	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va		
1100	1200	Myanmar, Myanma R	minority languages	5915do	7200do	
1100	1200	Myanmar, Thazin R	Burmese	7110do		
1100	1200	Myanmar, Thazin R	minority languages	7345do		
1100	1200	Nepal, R Nepal	Nepali	5005do		
1100	1200	mtwhf Netherlands, Transport R	Dutch	6095eu		
1100	1200	DRM New Zealand, R New Zealand Intl	English	15720pa		
1100	1200	DRM New Zealand, R New Zealand Intl	English	9870pa		
1100	1200	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do	
1100	1200	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do	
1100	1200	mtwhf Nigeria, VO 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 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, Aroma Cafe R	Spanish	6060do		
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	4992do		
1100	1200	Peru, R Bella	Spanish	4300do		
1100	1200	Peru, R Bethel	Spanish	5921do		
1100	1200	Peru, R Chaski	Quechua	5980do		
1100	1200	Peru, R Cultural Amauta	Spanish	4955do		
1100	1200	Peru, R Cusco	Spanish	4780do	4800al	
1100	1200	Peru, R Genesis	Spanish	4850do		
1100	1200	Peru, R Horizonte	Spanish	5020do		
1100	1200	Peru, R JPJ del Peru	Spanish	3355do		
1100	1200	Peru, R Libertad de Junin	Spanish	5039do		
1100	1200	Peru, R Logos	Bora/Quechua/Spanish		4810do	
1100	1200	Peru, R Luz Sonida	Spanish	3235do		
1100	1200	Sun Peru, R Madre de Dios	Spanish	4950do		
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	6175do		
1100	1200	Peru, R Union	Spanish	6115do		
1100	1200	Peru, R Universal	Spanish	6088do		
1100	1200	Peru, R Victoria	Spanish	6020do	9722do	
1100	1200	Peru, R Virgen del Carmen	Spanish	4887do		
1100	1200	Peru, R Vision	Spanish	4790do		
1100	1200	Peru, R Voz Cristiana	Spanish/Quechua	4987do		
1100	1200	Philippines, FEBC Philippines	Chinese	9400as	9430as	
1100	1200	Philippines, FEBC Philippines	Vietnamese	9855as		
1100	1200	Russia, R Rossii	Russian	12075eu		
1100	1200	Russia, VO Russia	Chinese	5900as	7305as	11935as
1100	1200	Russia, VO Russia	English	7260as	9560as	9625eu
1100	1200	DRM Russia, VO Russia	English	9625eu	11640as	
1100	1200	DRM Russia, VO Russia	German	9625eu		
1100	1200	Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do	
1100	1200	Saudi Arabia, BSKSA/European Pgm	English	15250as		
1100	1200	Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me		
1100	1200	Solomon Islands, SIBC	English/Pidgin	5020do	9545do	
1100	1200	mtwhf South Africa, Channel Africa	English	9625af		
1100	1200	South Africa, R Sonder Grense	Afrikaans	9650do		
1100	1200	DRM South Korea, KBS World R	Spanish	11795sa		
1100	1200	Spain, R Exterior de Espana	Spanish	13720eu		
1100	1200	Spain, R Exterior de Espana	Spanish	21540me	21610me	
1100	1200	Sri Lanka, SLBC	Tamil	6005as	11905as	

1100	1200		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1100	1200		Taiwan, R Taiwan Intl	Chinese	6085as	9780as	11625as	11720as	
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	4765do				
1100	1200		Tajikistan, VO Tajik	Hindi	7245as				
1100	1200		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik	4765do				
1100	1200		Turkey, VO Turkey	Turkish	15350eu	15480as			
1100	1200		Uganda, UBC Radio	English/Swahili/vernaculars	7195do				
1100	1200		UK, BBC World Service	English	6190af	6195as	9740as	11760va	
					11895as	12095af	15285as	15310as	
					17790as	17830af			
1100	1200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1100	1200		USA, BBG/R Free Asia	Lao	9325as	15120as			
1100	1200		USA, BBG/R Free Asia	Tibetan	7470as	9350as	11545as	15375as	
1100	1200		USA, BBG/R Marti	Spanish	5745ca	5980ca	6030ca		
1100	1200		USA, BBG/RFE/RL/R Farda	Farsi	9990as	11690as	12005as	13800as	
					15690as				
1100	1200		USA, BBG/VO America	Chinese	9530as	9825as	12045as		
1100	1200		USA, BBG/VOA/R Mashaal	Pashto	12130as	13700as	15760as		
1100	1200		USA, KNLS Anchor Point AK	Chinese	9615as				
1100	1200		USA, KNLS Anchor Point AK	Russian	9680eu				
1100	1200		USA, Overcomer Ministry	English	3185na	5890na			
1100	1200		USA, Overcomer Ministry	English	13570as				
1100	1200		USA, WEWN/EWTN Irontdale AL	English	11520af				
1100	1200		USA, WEWN/EWTN Irontdale AL	Spanish	7555ca	11870ca			
1100	1200		USA, WHRI Cypress Creek SC	English	7315ca	9930as	11565pa		
1100	1200		USA, WRMI Miami FL	English/Spanish	9955am				
1100	1200		USA, WTWW Lebanon TN	English	5830na				
1100	1200		USA, WWCR Nashville TN	English	4840na	5890ca	5935af	15825eu	
1100	1200		USA, WWRB Manchester TN	English	3185na				
1100	1200		USA, WYFR/Family R	Burmese	6220as				
1100	1200		USA, WYFR/Family R	Mandarin	6240as	9280as			
1100	1200		USA, WYFR/Family R	Tagalog	11520as				
1100	1200		Uzbekistan, CVC/The Voice Asia	Hindi	9500as				
1100	1200		Vanuatu, R Vanuatu	Bislama/English/French		3945do			
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me				
1100	1200		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1100	1200	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1115	1130	f	Canada, Bible Voice Broadcasting	English	15390as				
1115	1130		Thailand, R Thailand World Svc	Khmer	5875as				
1115	1145		Philippines, FEBC Philippines	Mon	15330as				
1115	1200		India, AIR/External Svc	Tamil	7270as	9810as	13695va	15050as	
					15770va	17510as			
1120	1200		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
1130	1145	wf	Australia, HCJB Global Australia	Dundim Nun	15340as				
1130	1145	smtha	Australia, HCJB Global Australia	English	15340as				
1130	1145		Thailand, R Thailand World Svc	Lao	5875as				
1130	1157		China, China R International	Filipino	6060as	7410as	11955as	12070as	
1130	1157		Philippines, R Veritas Asia	Myanmar	15450as				
1130	1200		China, Beibu Bay R	Vietnamese	5050do	9820do			
1130	1200		China, China R International	Thai	7360as	9785as			
1130	1200		China, VO Pujiang	Wu	3280do	4950do	5075do	9705do	
1130	1200		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15750as	
					15940as				
1130	1200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
1130	1200	Sat/Sun	Germany, Evangelische Missions-Gemeiden	German	6055eu				
1130	1200	mtwhf	Guam, KTWR/TWR Asia	Mandarin	11580as				
1130	1200		Guatemala, R Verdad	English/Spanish	4055do				
1130	1200		India, AIR/Aizawl	Hindi/English/vernaculars		5050do			
1130	1200		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do			
1130	1200		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			
1130	1200		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
1130	1200		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
1130	1200		India, AIR/Leh	Hindi/English/vernaculars		4660do			
1130	1200		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do				
1130	1200	mwf	Indonesia, AWR Asia/Pacific	Javanese	15495as				
1130	1200	stha	Indonesia, AWR Asia/Pacific	Sudanese	15495as				
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	mwf	Philippines, FEBC Philippines	Bahnar	9920as				

1130	1200	ts	Philippines, FEBC Philippines	Chrau	9920as			
1130	1200		Philippines, FEBC Philippines	Chru	9920as			
1130	1200		Philippines, FEBC Philippines	Laotian	12095as			
1130	1200		South Korea, KBS World R	Chinese	6095as	9770as		
1130	1200		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as		
1130	1200		USA, BBG/VO America	Burmese	11965as	15555as	17850as	
1130	1200		USA, Suab Xaa Moo Zoo/VO Hope	Hmong	11570as			
1130	1200	Sun	USA, WINB Red Lion PA	English	135710ca			
1130	1200	f	Vatican City State, Vatican R	English (Mass)	17590va	21650va		
1130	1200		Vatican City State, Vatican R	Spanish	7305sa			
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		
1130	1200		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
1135	1200		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
1145	1200		Armenia, Public R of Armenia	Azeri	4810me			
1145	1200		Australia, HCJB Global Australia	Dundim Nun	15340as			
1145	1200		India, AIR/External Svc	Chinese	11840as	13605as	15795as	
1145	1200		Pakistan, R Pakistan External Svc	Gujarati	9385as	11865as		
1145	1200		Philippines, FEBC Philippines	Jingpho	15330as			
1145	1200		Thailand, R Thailand World Svc	Burmese	5875as			
1155	1200	irreg	Jordan, R Jordan	Arabic	15290eu			
1156	1200		China, Xinjiang PBS	Kazakh	4330do	6015do		
1157	1200		Colombia, Salem Stereo	Spanish	14950do			

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

1200	1205	mtwhf	Monaco, R Monaco	French	4363usb	8728usb	13146usb	17260usb
1200	1215		Armenia, Public R of Armenia	Azeri	4810me			
1200	1215	Sat/Sun	Armenia, Public R of Armenia	Turkish	4810me			
1200	1215	Sun	Germany, Missionswerk Heukelbach	German	6055eu			
1200	1215		Guam, KTWR/TWR Asia	Nosu Yi	11580as			
1200	1215		India, AIR/External Svc	Tamil	7270as	9810va	13695va	15050as
					15770as	17510as		
1200	1215		India, AIR/Srinagar	Hindi/English/vernaculars		6110do		
1200	1215		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1200	1215		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1200	1215		Pakistan, R Pakistan External Svc	Gujarati	9385as	11865as		
1200	1215		Philippines, FEBC Philippines	Rawang	12120as			
1200	1215		Sri Lanka, SLBC	Tamil	6005as	11905as		
1200	1215	Sun	Switzerland, Stimmed Des Trostes	German	6055eu			
1200	1215		Thailand, R Thailand World Svc	Malay	11870as			
1200	1225		Turkey, VO Turkey	Bulgarian	7245eu			
1200	1227		China, China R International	Filipino	9720as	11955as		
1200	1227		China, China R International	Thai	7360as	9785as		
1200	1227		Iran, VO Islamic Rep of Iran	Hebrew	13740me	15515me		
1200	1227		Philippines, R Veritas Asia	Hmong	11935as			
1200	1230		Australia, HCJB Global Australia	Dundim Nun	15340as			
1200	1230	f	China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
1200	1230		Clandestine, Que Me Radio	Vietnamese	9930as			
1200	1230		Clandestine, VO Tibet	Chinese	11527as			
1200	1230	Sat	Germany, Evangelische Missions-Gemeiden	Russian	13730eu			
1200	1230		Guam, KTWR/TWR Asia	Mandarin	9910as			
1200	1230		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
1200	1230		Indonesia, AWR Asia/Pacific	Mandarin	11825as	11855as	15420as	
1200	1230	Sat/Sun	Indonesia, AWR Asia/Pacific	Min Nan Chinese	11825as	11855as	15420as	
1200	1230		Japan, R Japan/NHK World	Chinese	6090as			
1200	1230		Japan, R Japan/NHK World	English	11740as	15190na		
1200	1230		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1200	1230	irreg	Jordan, R Jordan	Arabic	15290eu			
1200	1230	irreg	Laos, LNR Prov Svc/Houa Phan/Sam Neua	Laotian/Hmong/Khmu	4413do			
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 Dam	9920as			
1200	1230		Philippines, R Veritas Asia	Karen	15225as			
1200	1230		Saudi Arabia, BSKSA/European Pgm	English	15250as			
1200	1230		South Korea, KBS World R	Chinese	6095as	9770as		
1200	1230		Sri Lanka, AWR Asia	Mon	11670as			
1200	1230		Taiwan, R Taiwan Intl	Cantonese	6105as	11915as		
1200	1230		UK, BBC World Service	French	17780af	21630af	21720af	
1200	1230		UK, FEBA Radio	Tibetan	15215as			
1200	1230		USA, BBG/R Free Europe/R Liberty	Kyrgyz	11990as	15265as	17735as	
1200	1230		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as		
1200	1230asmtwh		USA, WHRI Cypress Creek SC	English	9930as			
1200	1230		Vanuatu, R Vanuatu	Bislama/English/French		3945do		
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	6360as				
1200	1245		Colombia, Salem Stereo	Spanish	14950do				
1200	1245	mtwh	Guam, KTWR/TWR Asia	Burmese	15390as				
1200	1255	DRM	Spain, R Exterior de Espana	Spanish	13720eu				
1200	1255		Turkey, VO Turkey	Chinese	11805as				
1200	1256		Romania, R Romania Intl	English	15460eu	17530eu	17765af	21570af	
1200	1257		China, China R International	Cambodian	9440as	11680as			
1200	1257		China, China R International	Cantonese	9570na				
1200	1257		China, China R International	Chinese	7205as	7395as	9540as	9655as	
					9855as	11640as	11790as	13810as	
					15110as	17650as			
1200	1257		China, China R International	English	5955as	7250as	9460as	9600as	
					9645as	9730pa	9760as	11760as	
					11980as	12015va	13655eu	13790eu	
					17490eu				
1200	1257		China, China R International	French	15205eu				
1200	1257		China, China R International	Japanese	7260as	7325as			
1200	1257		China, China R International	Korean	5965as				
1200	1257		China, China R International	Mongolian	5915as	5990as			
1200	1257		China, China R International	Russian	5905as	6100as	7215eu	7410eu	
					9590va	9685eu			
1200	1257		China, China R International	Serbian	7345eu				
1200	1257		China, China R International	Vietnamese	9550as	11720as			
1200	1257		Germany, Deutsche Welle	French	15440af	15275af	17810af	17820af	
1200	1257		Iran, VO Islamic Rep of Iran	Chinese	15150as	15360as	15525as	17560as	
1200	1257		North Korea, Korean Central BC Sta	Korean	6170va	9335sa	9850as		
1200	1257		North Korea, Pyongyang BC Sta	Korean	7220as	9345as			
1200	1257		North Korea, VO Korea	Japanese	3250as	6070as	7580as	9650as	
1200	1257		Vietnam, VO Vietnam/Overseas Svc	Chinese	7216as	12000as			
1200	1258		Clandestine, R Free Sarawak	English/Iban	11600as				
1200	1259		New Zealand, R New Zealand Intl	English	15720pa				
1200	1300		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1200	1300		Angola, R Nac de Angola/Intl Svc	Portuguese	7217af				
1200	1300		Anguilla, University Network	English	11775na				
1200	1300	mtwhf	Argentina, RAE	Spanish	6060am	15345am			
1200	1300	DRM	Australia, ABC/R Australia	English	6080as	6140as	9580as	11945pa	
1200	1300		Australia, ABC/R Australia	English	5995as				
1200	1300		Australia, NT VL8A Alice Springs	English	2310do				
1200	1300		Australia, NT VL8K Katherine	English	2485do				
1200	1300		Australia, NT VL8T Tennant Creek	English	2325do				
1200	1300		Australia, Symban World R	Greek	2369do				
1200	1300		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1200	1300		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
1200	1300		Belarus, R Belarus	Belarusian	11730eu				
1200	1300		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
1200	1300		Bolivia, R Camargo	Spanish/Aymara	3390do				
1200	1300		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1200	1300		Bolivia, R Eco	Spanish	4409do				
1200	1300		Bolivia, R Fides	Spanish/Aymara	6155do				
1200	1300		Bolivia, R Illimani	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				
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 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	4878do				
1200	1300	Brazil, R Difusora/Caceres	Portuguese	5055do				
1200	1300	Brazil, R Difusora/Londrina	Portuguese	4815do				
1200	1300	Brazil, R Difusora/Macapá	Portuguese	4915do				
1200	1300	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1200	1300	Brazil, R Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
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	11915do				
1200	1300	Brazil, R Gazeta	Portuguese	5955do	9685do			
1200	1300	Brazil, R Guaiba	Portuguese	6000do	11785do			
1200	1300	Brazil, R Guaruja 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 Rural	Portuguese	4765do				
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, Super R Alvorada	Portuguese	2460do				
1200	1300	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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	irreg Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1200	1300	Canada, CFRX Toronto ON	English	6070do				
1200	1300	Canada, CFVP Calgary AB	English	6030do				
1200	1300	Canada, CKZN St Johns NF	English	6160do				
1200	1300	Canada, CKZU Vancouver BC	English	6160do				
1200	1300	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1200	1300	China, Beibu Bay R	Vietnamese	5050do	9820do			
1200	1300	China, China Business R	Chinese	3985do	6040do	6060do	6065do	
				6155do	6190do	7220do	7245do	
				7315do	7335do	7370do	9620do	
				9755do	11740do			
1200	1300	China, China Huayi BC	Amoy/Chinese	6185do				
1200	1300	China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
				7350do	7360do	9480do		
1200	1300	China, China Natl R/CNR 13	Uyghur	9420do	9890do	13700do	15390do	
1200	1300	China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
1200	1300	China, Hulun Buir PBS	Chinese	3900do				
1200	1300	China, Hunan PBS	Chinese	3900do				
1200	1300	China, Nei Menggu PBS	Chinese	7420do	9520do			
1200	1300	China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1200	1300	China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
1200	1300	China, Qinghai PBS-1	Chinese	4750do	6145do			
1200	1300	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1200	1300	China, VO China	Chinese	4750do	4800do	6000do	6030do	
				6080do	6125do	6145do	6175do	
				6180do	7215do	7230do	7275do	
				7290do	7305do	7345do	7365do	
				9420do	9500do	9655do	9710do	
				9830do	9845do	9860do	9890do	
				11710do	11925do	12045do		
1200	1300	China, VO Minorities	Mongolian	5955do	7445do	9615do		
1200	1300	China, VO Pujiang	Wu	3280do	4950do	5075do	9705do	
1200	1300	China, VO Shenzhou	Amoy/Chinese	6165do	9170do			
1200	1300	China, VO the Strait	Amoy/Hakka	6115do				
1200	1300	China, VO the Strait	Chinese	4940do	9505do			
1200	1300	China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
1200	1300	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
				7310do				
1200	1300	China, Xinjiang PBS	Kazakh	4330do	6015do			
1200	1300	China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do	
1200	1300	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
				7240do	9780do	11860do	11950do	
1200	1300	China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
				6130do	7385do			

1200	1300		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
1200	1300		Clandestine, Denge Kurdistane	Kurdish	11510me				
1200	1300		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1200	1300		Clandestine, Echo of Unification	Korean	6250as				
1200	1300	mtwhf	Clandestine, Khmer Post Radio	Khmer	9960as				
1200	1300	Sat/Sun	Clandestine, KPPM Radio	Khmer	9960as				
1200	1300		Clandestine, R Free Chosun	Korean	7595as				
1200	1300		Clandestine, R Free North Korea	Korean	7485as				
1200	1300		Clandestine, Sound of Hope R Intl	Chinese	7280as	7970as	9375as	9970as	
					10960as	12230as	12670as	12800as	
					13270as	15750as	15940as		
1200	1300		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
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		Cuba, R Havana Cuba	Spanish	6060na	6150am	9540ca	9850na	
					11690ca	11760am	11860na	15230sa	
					17580sa	17730sa			
1200	1300		Cuba, R Rebelde	Spanish	5025na				
1200	1300		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1200	1300		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1200	1300		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1200	1300		Ecuador, Centro R de Imbabura	Spanish	3380do				
1200	1300		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
1200	1300		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do				
1200	1300	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1200	1300		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1200	1300		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1200	1300		Ethiopia, R Ethiopia/External Svc	Somali	7235af	9558af			
1200	1300		Ethiopia, R Ethiopia/Natl Svc	English	9705do				
1200	1300		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
1200	1300	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1200	1300		France, R France International	French	17620af	17660af	21580af	21690af	
1200	1300	DRM	France, R France International	French	3965eu				
1200	1300		Gabon, Africa No. 1	French	9580af				
1200	1300		Germany, Deutsche Welle	French	15700eu	17800eu	21780af		
1200	1300	wa	Germany, Hamburger Lokalradio	German	7265eu				
1200	1300	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
1200	1300		Germany, R 6150	English	6070eu				
1200	1300		Germany, R 700	German/various	3955eu	6005eu	6085eu		
1200	1300	fas	Guam, KTWR/TWR Asia	Burmese	15390as				
1200	1300		Guatemala, R Verdad	English/Spanish	4055do				
1200	1300	irreg	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, AIR/Aizawl	Hindi/English/vernaculars		7295do			
1200	1300		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do			
1200	1300		India, AIR/Chennai	Hindi/English/Tamil	4920do				
1200	1300		India, AIR/External Svc	Chinese	11840as	13605as	15795as		
1200	1300		India, AIR/Gangkok	Hindi/English/vernaculars		4835do			
1200	1300		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do			
1200	1300		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			
1200	1300		India, AIR/Imphal	Hindi/English/vernaculars		4775do			
1200	1300		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do			
1200	1300		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
1200	1300		India, AIR/Jeyppore	Hindi/English/Odia/Sanskrit		5040do			
1200	1300		India, AIR/Kohima	Hindi/English/vernaculars		4850do			
1200	1300		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
1200	1300		India, AIR/Leh	Hindi/English/vernaculars		4660do			
1200	1300		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do			
1200	1300		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do			
1200	1300		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
1200	1300		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		5010do			
1200	1300		Indonesia, AWR Asia/Pacific	Korean	9880as				
1200	1300		Indonesia, RRI Fak Fak	Indonesian	4790do				
1200	1300		Indonesia, RRI Jakarta	Indonesian	9680do				
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	11925as	13750as	17550as	17650as	
1200	1300		Iran, VO Islamic Rep of Iran	Dari	12085as	15300as			
1200	1300		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1200	1300	Sun	Italy, IRRS Shortwave	English	9510va				
1200	1300		Japan, R Japan/NHK World	Japanese	9750as	11815as			

1200	1300		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1200	1300		Kuwait, R Kuwait/General Svc	Arabic	9750af	15515as	21540eu	
1200	1300		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
1200	1300		Laos, LNR Natl Svc/Vientane	Lao	6130do			
1200	1300		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1200	1300		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
1200	1300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1200	1300		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1200	1300		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
1200	1300		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
1200	1300		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1200	1300		Mauritania, R Mauritania	Arabic/French/vernaculars		4845do		
1200	1300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1200	1300		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9575va			
1200	1300		Myanmar, Myanmar R	minority languages	5915do	7200	dp	
1200	1300		Myanmar, Thazin R	Burmese	7110do			
1200	1300		Myanmar, Thazin R	minority languages	7345do			
1200	1300		Nepal, R Nepal	Nepali	5005do			
1200	1300	mtwhf	Netherlands, Transport R	Dutch	6095eu			
1200	1300		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1200	1300	mtwhf	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1200	1300		Nigeria, VO Nigeria	English	9690af			
1200	1300		Pakistan, R Pakistan External Svc	Chinese	11570as	15700as		
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 Bella	Spanish	4300do			
1200	1300		Peru, R Bethel	Spanish	5921do			
1200	1300		Peru, R Chaski	Quechua	5980do			
1200	1300		Peru, R Cultural Amauta	Spanish	4955do			
1200	1300		Peru, R Cusco	Spanish	4780do	4800al		
1200	1300		Peru, R Horizonte	Spanish	5020do			
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 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	6175do			
1200	1300		Peru, R Union	Spanish	6115do			
1200	1300		Peru, R Victoria	Spanish	6020do	9722do		
1200	1300		Peru, R Vision	Spanish	4790do			
1200	1300		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
1200	1300		Philippines, FEBC Philippines	Chinese	9400as	9430as		
1200	1300		Philippines, FEBC Philippines	Khmer	7410as			
1200	1300		Russia, VO Russia	Chinese	5900as	7305as		
1200	1300		Russia, VO Russia	Dari/Pashto	4960as			
1200	1300	DRM	Russia, VO Russia	English	9625eu			
1200	1300		Russia, VO Russia	English	5885as	7260as	9560as	9625eu
					12075as			
1200	1300	DRM	Russia, VO Russia	Japanese	5980as			
1200	1300		Russia, VO Russia	Russian	9625eu			
1200	1300		Russia, VO Russia	Russian	12055as			
1200	1300		Russia, VO Russia	Vietnamese	7260as			
1200	1300		Rwanda, R Rep Rwandaise	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 Gen Pgm	Arabic	17705va	21505af		
1200	1300		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	15380me	17625as	17895as
1200	1300		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me			
1200	1300		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
1200	1300	mtwhf	South Africa, Channel Africa	Nyanja	9625af			
1200	1300		South Africa, R Sonder Grense	Afrikaans	9650do			
1200	1300		South Korea, KBS World R	Indonesian	9570as			

1200	1300		South Korea, KBS World R	Korean	7275as				
1200	1300	mtwhf	Spain, R Exterior de Espana	Spanish	9765ca	11815sa			
1200	1300	Sat/Sun	Spain, R Exterior de Espana	Spanish	9765ca				
1200	1300	Sun	Spain, R Exterior de Espana	Spanish	15125sa				
1200	1300		Spain, R Exterior de Espana	Spanish	11910as	21540af	21610me		
1200	1300		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1200	1300		Taiwan, R Taiwan Intl	Amoy	1715as				
1200	1300		Taiwan, R Taiwan Intl	Chinese	6085as	9780as	11720as	15265as	
1200	1300		Taiwan, R Taiwan Intl	Indonesian	11625as				
1200	1300		Taiwan, R Taiwan Intl	Vietnamese	11765as				
1200	1300		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1200	1300		Tajikistan, VO Tajik	Arabic	7245me				
1200	1300		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1200	1300		Turkey, VO Turkey	Turkish	15350eu	15480as			
1200	1300		Uganda, UBC Radio	English/Swahili/vernaculars		7195do			
1200	1300		UK, BBC World Service	English	5875as	6190af	6195as	9740as	
					11760va	11895as	12095af	15310as	
					17640af	17790as	17830af	21470af	
1200	1300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1200	1300		USA, BBG/R Free Asia	Tibetan	7470as	9350as	11590as	13625as	
					15375as				
1200	1300		USA, BBG/R Free Europe/R Liberty	Russian	9360eu	15130eu			
1200	1300		USA, BBG/R Marti	Spanish	5745ca	5980ca	7405ca	9805ca	
1200	1300		USA, BBG/RFE/RL/R Farda	Farsi	9990as	12005as	13635as	13800as	
					15410as				
1200	1300		USA, BBG/VO America	Chinese	6045as	9530as	9825as	11635as	
					12045as	15110as			
1200	1300		USA, BBG/VO America	English	7520va	9640va	11750va	12150va	
1200	1300		USA, BBG/VO America	Korean	5890as	7235as	9800as		
1200	1300		USA, BBG/VOA/R Mashaal	Pashto	12130as	13700as	15760as		
1200	1300		USA, KNLS Anchor Point AK	English	7355as	9615as			
1200	1300		USA, Overcomer Ministry	English	3185na				
1200	1300	mtwhf	USA, Overcomer Ministry	English	5890na				
1200	1300		USA, Overcomer Ministry	English	13570as				
1200	1300		USA, WBCQ Monticello ME	English	9330na				
1200	1300		USA, WEWN/EWTN Irondale AL	English	11520af				
1200	1300		USA, WEWN/EWTN Irondale AL	Spanish	7555ca	12050ca			
1200	1300		USA, WHRI Cypress Creek SC	English	9840na	11565pa			
1200	1300	Sun	USA, WINB Red Lion PA	English	13570ca				
1200	1300		USA, WRMI Miami FL	English/Spanish	9955am				
1200	1300		USA, WTWW Lebanon TN	English	5830na				
1200	1300		USA, WWCR Nashville TN	English	7490af	9980ca	13845na	15825eu	
1200	1300		USA, WWRB Manchester TN	English	3185na				
1200	1300		USA, WYFR/Family R	Mandarin	6240as	9280as			
1200	1300		Uzbekistan, CVC/The Voice Asia	Hindi	9500as				
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me	9780me			
1200	1300		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1200	1300	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1210	1230		China, Xinjiang PBS	Kyrgyz	4500do	6190do			
1215	1230		Armenia, Public R of Armenia	Turkish	4810me				
1215	1230		Philippines, FEBC Philippines	Akha	12120as				
1215	1245	mtwhf	Guam, KTWR/TWR Asia	Mandarin	9975as				
1215	1245		India, AIR/External Svc	Telugu	9810va	13695va	15770va		
1215	1300		Egypt, R Cairo	English	17870as				
1215	1300		India, AIR/External Svc	Burmese	11710as	15040as			
1215	1300		India, AIR/External Svc	Tibetan	7420as	9575as	11775as		
1215	1300		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
1215	1300		India, AIR/Uttaranchal Prg	Hindi	6030do				
1220	1300		India, AIR/Kolkata	Bengali/Hindi/Santhoni		4820do			
1225	1300		Russia, R Rossii	Russian	7310eu				
1227	1300		Vatican City State, Vatican R	Chinese	6020as	11865as	15495as		
1230	1245	smtwhf	Australia, HCJB Global Australia	English	15400pa				
1230	1245		Clandestine, VO Tibet	Tibetan	15503as				
1230	1245	m	India, Athmik Yatra R	Gojri	15285as				
1230	1245	wh	India, Athmik Yatra R	Kashmiri	15285as				
1230	1245	t	India, Athmik Yatra R	Ladakhi	15285as				
1230	1245	fas	India, Athmik Yatra R	Oriya	15285as				
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	irreg	Antartica, R Nac Arcangel San Gabriel	Spanish	15476sa				
1230	1300		Armenia, Public R of Armenia	Kurdish	4810me				
1230	1300	Sun	Australia, HCJB Global Australia	Nepali	15400pa				
1230	1300		Australia, HCJB Global Australia	Rawang	15340as				

1230	1300		Bangladesh, Bangladesh Betar/Ext Svc	English	15105as		
1230	1300	Sun	Canada, Bible Voice Broadcasting	Japanese	15620as		
1230	1300		Canada, Bible Voice Broadcasting	Korean	15180as		
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		Clandestine, Sound of Hope R Intl	Chinese	9375as		
1230	1300		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4875as	
1230	1300		Egypt, R Cairo	Indonesian	15710as		
1230	1300	mtwhf	Guam, KTWR/TWR Asia	Kokborok	15240as		
1230	1300		India, AIR/External Svc	Sindhi	6165as	7340as	9620as
1230	1300		India, AIR/Mumbai	Hindi/English/Marathi	4840do		
1230	1300		Indonesia, AWR Asia/Pacific	Mandarin	11825as	11855as	15420as
1230	1300		Iran, VO Islamic Rep of Iran	Malay	15350as	17715as	
1230	1300		Iran, VO Islamic Rep of Iran	Pashto	7435as	9775as	
1230	1300		Japan, R Japan/NHK World	Korean	6190as		
1230	1300		Japan, R Japan/NHK World	Thai	11740as		
1230	1300		Pakistan, R Pakistan External Svc	Sinhala	11880as	15325as	
1230	1300	ha	Philippines, FEBC Philippines	Iu Mien	12095as		
1230	1300		Philippines, FEBC Philippines	Koho	9920as		
1230	1300		South Korea, KBS World R	English	6095as		
1230	1300	mtha	Sri Lanka, AWR Asia	Bangla	11670as		
1230	1300	swf	Sri Lanka, AWR Asia	Meitei	11670as		
1230	1300		Taiwan, R Taiwan Intl	Hakka	6105as	11915as	
1230	1300		Thailand, R Thailand World Svc	English	9720as		
1230	1300		Turkey, VO Turkey	German	17755eu		
1230	1300		USA, BBG/R Free Asia	Burmese	11795as	12105as	13735as
1230	1300		USA, BBG/R Free Asia	Khmer	15160as	17735as	
1230	1300		USA, BBG/RFE/RL/R Free Afghanistan	Dari	9335as	12140as	13830as
1230	1300		USA, BBG/VO America	Laotian	9810as	11965as	
1230	1300		USA, WHRI Cypress Creek SC	English	9930as		
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	1300	mtwhf	India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do		
1245	1300	m	Australia, HCJB Global Australia	Bangla	15400as		
1245	1300	shf	Australia, HCJB Global Australia	Hindi	15400pa		
1245	1300	w	Australia, HCJB Global Australia	Kuruk	15400pa		
1245	1300	t	Australia, HCJB Global Australia	Marwari	15400pa		
1245	1300		Clandestine, VO Tibet	Tibetan	15512as		
1245	1300	Sun	Guam, KTWR/TWR Asia	Kokborok	15240as		
1245	1300		Guam, KTWR/TWR Asia	Vietnamese	11580as		
1245	1300		India, AIR/Vivdh Bharati	Hindi	9870do		
1245	1300	hf	India, Athmik Yatra R	Gujarati	15285as		
1245	1300	Sat/Sun	India, Athmik Yatra R	Koya	15285as		
1245	1300	mtw	India, Athmik Yatra R	Punjabi	15285as		
1245	1300	Sat	India, TWR India	Kui	5930as		
1245	1300	Sun	India, TWR India	Santhali	5930as		
1245	1300		Philippines, FEBC Philippines	Chin-Daai	12120as		
1250	1300		Greece, R Stathmos Makedonias	Greek	9935va		
1250	1300		Greece, Voice of Greece	Greek	15630va		

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1300	1305		Clandestine, VO Tibet	Tibetan	15512as		
1300	1310		Papua New Guinea, R East Sepik	Tok Pisin	3335do		
1300	1315	f	Australia, HCJB Global Australia	Dzongkha	15400pa		
1300	1315	mtwh	Australia, HCJB Global Australia	Nepali	15400pa		
1300	1315	Sat	Australia, HCJB Global Australia	Oriya	15400pa		
1300	1315	Sun	Australia, HCJB Global Australia	Punjabi	15400pa		
1300	1315		Guam, KTWR/TWR Asia	Santhali	15240as		
1300	1315		India, AIR/External Svc	Burmese	11710as	15040as	
1300	1315		India, AIR/External Svc	Chinese	11840as	13605as	15795as
1300	1315		India, Athmik Yatra R	Nepali	15285as		
1300	1315	Sat	India, TWR India	Ho	5930as		
1300	1315	Sun	India, TWR India	Kumaoni	5930as		
1300	1315		Palau, T8WH/World Harvest R	English	11925as		
1300	1315		Swaziland, TWR Africa	Afar	13660af		
1300	1315		Thailand, R Thailand World Svc	Japanese	7460as		
1300	1320	mtwhfa	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/German	4795do		
1300	1320		Vatican City State, Vatican R	Italian	15595va	21680af	
1300	1325		Turkey, VO Turkey	German	17755eu		
1300	1325		Turkey, VO Turkey	Turkmen	11965as		
1300	1327		China, China R International	Lao	7360as	9785as	
1300	1327		China, China R International	Malay	11955as	15600as	
1300	1327		Iran, VO Islamic Rep of Iran	Malay	15450as	17715as	
1300	1327		Iran, VO Islamic Rep of Iran	Pashto	7435as	9725as	
1300	1327		Philippines, R Veritas Asia	Vietnamese	11850as		
1300	1327		Vietnam, VO Vietnam/Overseas Svc	Chinese	7216as	12000as	

1300	1330		Brazil, R Difusora do Amazonas	Portuguese	4805do				
1300	1330		China, Beibu Bay R	Vietnamese	5050do	9820do			
1300	1330		Clandestine, Furusato no Kaze	Korean	9950as				
1300	1330		Clandestine, Nippon no Kaze	Japanese	9950as				
1300	1330	th	Clandestine, R Hoa-Mai	Vietnamese	9930as				
1300	1330		Clandestine, VO Iranian Kurdistan	Farsi	3965as	4875as			
1300	1330		Clandestine, VO Tibet	Chinese	11527as				
1300	1330	mtwhfa	Clandestine, VO Wilderness	Korean	6275as				
1300	1330		Egypt, R Cairo	English	17870as				
1300	1330	irreg	Georgia, R Abkhazia	Abkhaz/Russian	9495do	9535do			
1300	1330		Guam, KTWR/TWR Asia	Sgaw Karen	15390as				
1300	1330	smtwhf	Guam, KTWR/TWR Asia	Vietnamese	11580as				
1300	1330		India, AIR/External Svc	Tibetan	7420as	9575as	11775as		
1300	1330		Indonesia, AWR Asia/Pacific	Bangla	15215as				
1300	1330		Indonesia, AWR Asia/Pacific	Kachin	17605as				
1300	1330		Indonesia, AWR Asia/Pacific	Khmer	15675as				
1300	1330		Japan, R Japan/NHK World	Chinese	6190as				
1300	1330		Japan, R Japan/NHK World	English	11730as				
1300	1330		Japan, R Japan/NHK World	Vietnamese	11740as				
1300	1330	Sun	Kyrgyzstan, Kyrgyz Radiosu	German	4795do				
1300	1330		Myanmar, Myanma R	minority languages	5915do	7200do			
1300	1330		Myanmar, Thazin R	minority languages	7345do				
1300	1330		Pakistan, R Pakistan External Svc	Tamil	11880as	15325as			
1300	1330	Sat/Sun	Philippines, FEBC Philippines	Hmong-Blue/Njua	12095as				
1300	1330	mtwhf	Philippines, FEBC Philippines	Hmong-White/Daw	12095as				
1300	1330		Philippines, FEBC Philippines	Lisu	12120as				
1300	1330		Philippines, FEBC Philippines	Tibetan (Khams)	11825as				
1300	1330	mtwhfa	Sri Lanka, AWR Asia	Mandarin	15480as				
1300	1330	Sat/Sun	Sri Lanka, AWR Asia	Uyghur	15480as				
1300	1330		UK, BBC World Service	Uzbek	13865as	17790as	21590as		
1300	1330		USA, BBG/R Free Asia	Khmer	15160as	17735as			
1300	1330		USA, BBG/RFE/RL/R Free Afghanistan	Dari	9335as	12140as	13830as		
1300	1330		Vietnam, VO Vietnam/Overseas Svc	French	7285as				
1300	1330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as			
1300	1345	smtwhf	Guam, KTWR/TWR Asia	Mandarin	9975as				
1300	1345	Sat	Guam, KTWR/TWR Asia	Vietnamese	11580as				
1300	1345		Japan, R Japan/NHK World	Bengali	12035as				
1300	1355		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	15380me	17615af	17625as	
					17895as				
1300	1355		Turkey, VO Turkey	Turkish	15350eu				
1300	1355		Turkey, VO Turkey	Urdu	11985as				
1300	1356		Romania, R Romania Intl	German	9810eu	11700eu			
1300	1356		Romania, R Romania Intl	Romanian	7420eu	11870eu	15170eu		
1300	1357		China, China R International	Bengali	9490as	9600as	11610as		
1300	1357		China, China R International	Burmese	9880as	11780as			
1300	1357		China, China R International	Chinese	7205as	7215as	7435as	9540as	
					11790as	13650me	13810eu	13855as	
1300	1357		China, China R International	English	5995as	7300na	9570as	9655pa	
					9730va	9765as	9870as	11760as	
					11900as	11980as	13670eu	13790eu	
1300	1357		China, China R International	Esperanto	9440eu	11650as			
1300	1357		China, China R International	French	13685eu	15205eu	17880eu		
1300	1357		China, China R International	Hindi	7265as	9450as			
1300	1357		China, China R International	Japanese	7215as	7325as			
1300	1357		China, China R International	Korean	5965as				
1300	1357		China, China R International	Mongolian	6100as	7285as			
1300	1357		China, China R International	Russian	5905as	5915as	5990as	7255eu	
					9870va				
1300	1357		China, China R International	Vietnamese	9550as	9685as			
1300	1357		North Korea, Pyongyang BC Sta	Korean	6170eu	9325eu			
1300	1357		North Korea, VO Korea	Chinese	6170as	9850as			
1300	1357		North Korea, VO Korea	English	7570eu	9335na	11710na	12015eu	
1300	1400		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1300	1400		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1300	1400	irreg	Anguilla, University Network	English	11775na				
1300	1400	mtwhf	Antartica, R Nac Arcangel San Gabriel	Spanish	15476sa				
1300	1400		Argentina, RAE	Spanish	6060am	15345am			
1300	1400		Australia, ABC/R Australia	Chinese	9475as	9965as	11660as		
1300	1400	DRM	Australia, ABC/R Australia	English	5940as	6020pa	9580pa	11945pa	
1300	1400		Australia, ABC/R Australia	English	5995pa				
1300	1400		Australia, NT VL8A Alice Springs	English	2310do				
1300	1400		Australia, NT VL8K Katherine	English	2485do				
1300	1400		Australia, Symban World R	Greek	2369do				
1300	1400		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1300	1400		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
1300	1400		Belarus, R Belarus	Belarusian	11730eu				
1300	1400		Bhutan, Bhutan BC Svc	Dzongkha	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	Spanish/Aymara/Quechua		6025do			
1300	1400	Bolivia, R Lipez	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 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	4878do				
1300	1400	Brazil, R Difusora/Caceres	Portuguese	5055do				
1300	1400	Brazil, R Difusora/Londrina	Portuguese	4815do				
1300	1400	Brazil, R Difusora/Macapá	Portuguese	4915do				
1300	1400	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1300	1400	Brazil, R Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
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	11915do				
1300	1400	Brazil, R Gazeta	Portuguese	5955do	9685do			
1300	1400	Brazil, R Guaiba	Portuguese	6000do	11785do			
1300	1400	Brazil, R Guarujá 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, Super R Alvorada	Portuguese	2460do				
1300	1400	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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	irreg Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1300	1400	Canada, Bible Voice Broadcasting	Korean	15180as				
1300	1400	Canada, CFRX Toronto ON	English	6070do				
1300	1400	Canada, CFVP Calgary AB	English	6030do				
1300	1400	Canada, CKZN St Johns NF	English	6160do				
1300	1400	Canada, CKZU Vancouver BC	English	6160do				
1300	1400	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1300	1400	China, China Business R	Chinese	3985do	6040do	6065do	6090do	
				6155do	6190do	7245do	7315do	
				7335do	7370do	7375do	7425do	
				9620do	9755do	11740do		
1300	1400	China, China Huayi BC	Amoy/Chinese	6185do				
1300	1400	China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
				7350do	7360do	9480do		
1300	1400	China, China Natl R/CNR 13	Uyghur	9420do	9890do			
1300	1400	China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
1300	1400	China, Hulun Buir PBS	Chinese	3900do				
1300	1400	China, Hunan PBS	Chinese	3900do				
1300	1400	China, Nei Menggu PBS	Chinese	7420do	9520do			

1300	1400		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1300	1400		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
1300	1400		China, Qinghai PBS-1	Chinese	4750do	6145do			
1300	1400		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1300	1400		China, VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9810do	
					9830do	9845do	9860do	11710do	
					12045do				
1300	1400		China, VO Minorities	Mongolian	5955do	6180do	7445do	9630do	
					9645do				
1300	1400		China, VO Pujiang	Wu	3280do	4950do	5075do	9705do	
1300	1400		China, VO Shenzhen	Amoy/Chinese	6165do	9170do			
1300	1400		China, VO the Strait	Chinese	4940do	9505do			
1300	1400		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
1300	1400		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
					7310do	7340do			
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, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do	11950do	
1300	1400		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do			
1300	1400		China, Yunnan PBS	Chinese	6035do	7210do			
1300	1400		Clandestine, Denge Kurdistane	Kurdish	11510me				
1300	1400		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1300	1400		Clandestine, Minghui R	Chinese	6030as				
1300	1400		Clandestine, R Free Chosun	Korean	7595as				
1300	1400		Clandestine, R Free North Korea	Korean	7485as				
1300	1400		Clandestine, Sound of Hope R Intl	Chinese	6240as	7310as	7970as	9970as	
					10960as	11760as	12230as	12670as	
					12800as	13270as	15940as		
1300	1400	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as				
1300	1400		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
1300	1400	Sun	Clandestine, VO Wilderness	Korean	6275as				
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 Tele Candip	French/vernaculars	5066do				
1300	1400		Cuba, R Havana Cuba	Spanish	9540ca	11690ca	11750ca	11760am	
					11860na	13780na	15340na	15230sa	
					17580sa	17730sa			
1300	1400		Cuba, R Rebelde	Spanish	5025na				
1300	1400		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1300	1400		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1300	1400		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1300	1400		Ecuador, Centro R de Imbabura	Spanish	3380do				
1300	1400		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	15800as	15080al	15770al		
1300	1400		Egypt, R Cairo	Dari	15365as	17725al			
1300	1400		Egypt, R Cairo	Indonesian	15710as				
1300	1400	irreg	Eqat Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1300	1400		Eqat Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1300	1400		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
1300	1400		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do	7175al	7195al		
1300	1400		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do			
1300	1400		Ethiopia, R Ethiopia/External Svc	Afar	7235af	9558af			
1300	1400		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do				
1300	1400		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
1300	1400	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1300	1400	DRM	France, R France International	French	3965eu				
1300	1400		Gabon, Africa No. 1	French	9580af				
1300	1400		Germany, Deutsche Welle	Hausa	15275af	17800af	21780af		
1300	1400	wa	Germany, Hamburger Lokalradio	German	7265eu				
1300	1400	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
1300	1400		Germany, R 6150	English	6070eu				
1300	1400		Germany, R 700	German/various	3955eu	6005eu	6085eu		
1300	1400		Greece, R Stathmos Makedonias	Greek	9935va				
1300	1400		Greece, Voice of Greece	Greek	15630va				
1300	1400		Guatemala, R Verdad	English/Spanish	4055do				
1300	1400	irreg	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, AIR/Aizawl	Hindi/English/vernaculars		7295do			

1300	1400		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu	4810do		
1300	1400		India, AIR/Chennai	Hindi/English/Tamil	4920do		
1300	1400		India, AIR/External Svc	Sindhi	6165as	7340as	9620as
1300	1400		India, AIR/External Svc	Sinhala	7270as	9820as	
1300	1400	DRM	India, AIR/External Svc	Sinhala	15050as		
1300	1400		India, AIR/Gangkok	Hindi/English/vernaculars	4835do		
1300	1400		India, AIR/Guwahati	Assamese/Hindi/vernaculars	4940do		
1300	1400		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu	4800do		
1300	1400		India, AIR/Imphal	Hindi/English/vernaculars	4775do		
1300	1400		India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do		
1300	1400		India, AIR/Jaipur	Hindi/English/vernaculars	4910do		
1300	1400		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit	5040do		
1300	1400		India, AIR/Kohima	Hindi/English/vernaculars	4850do		
1300	1400		India, AIR/Kolkata	Bengali/Hindi/Santhani	4820do		
1300	1400		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do		
1300	1400		India, AIR/Leh	Hindi/English/vernaculars	4660do		
1300	1400		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do		
1300	1400		India, AIR/Mumbai	Hindi/English/Marathi	4840do		
1300	1400		India, AIR/Port Blair	Hindi/English/Nicobarese	4760do		
1300	1400		India, AIR/Shillong	Hindi/Mizo/Meghalaya	4970do		
1300	1400		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do		
1300	1400		India, AIR/Srinagar	Hindi/English/vernaculars	4950do		
1300	1400		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil	5010do		
1300	1400		India, AIR/Vivdh Bharati	Hindi	9870do		
1300	1400	Sun	Indonesia, AWR Asia/Pacific	Khmer	15675as		
1300	1400		Indonesia, AWR Asia/Pacific	Mandarin	11935as		
1300	1400		Indonesia, RRI Fak Fak	Indonesian	4790do		
1300	1400		Indonesia, RRI Jakarta	Indonesian	9680do		
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	13750as	17550as	17650as
1300	1400		Iran, VO Islamic Rep of Iran	Dari	12085as	15300as	
1300	1400		Iran, VO Islamic Rep of Iran	Urdu	9715as	11685as	11720as
1300	1400		Israel, Galei Tzahal	Hebrew	6885usb	15850usb	
1300	1400		Japan, R Japan/NHK World	Japanese	9750as	11815as	
1300	1400		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do
1300	1400		Kuwait, R Kuwait/General Svc	Arabic	9750af	15515as	21540eu
1300	1400		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af		
1300	1400		Laos, LNR Natl Svc/Vientane	Lao	6130do		
1300	1400		Madagascar, AWR Africa	Vietnamese	17670as		
1300	1400		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do	
1300	1400		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages	6050do		
1300	1400		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do		
1300	1400		Malaysia, RTM Kajang/Traxx FM	English	7295do		
1300	1400		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do		
1300	1400		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do		
1300	1400		Mali, ORTM/R Mali	Arabic/Bambara/English/French	9635do		
1300	1400		Mauritania, R Mauritanie	Arabic/French/vernaculars	4845do		
1300	1400		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do
1300	1400		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va		
1300	1400		Myanmar, Thazin R	Burmese	7110do		
1300	1400		Nepal, R Nepal	Nepali	5005do		
1300	1400	mtwhf	Netherlands, Transport R	Dutch	6095eu		
1300	1400		New Zealand, R New Zealand Intl	English	5950pa		
1300	1400		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars	9705do		
1300	1400		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do		
1300	1400	mtwhf	Nigeria, VO Nigeria	English	9690af		
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 Bella	Spanish	4300do		
1300	1400		Peru, R Bethel	Spanish	5921do		
1300	1400		Peru, R Chaski	Quechua	5980do		

1300	1400		Peru, R Cultural Amauta	Spanish	4955do				
1300	1400		Peru, R Cusco	Spanish	4780do	4800al			
1300	1400		Peru, R Horizonte	Spanish	5020do				
1300	1400		Peru, R Libertad de Junin	Spanish	5039do				
1300	1400		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1300	1400		Peru, R Union	Spanish	6115do				
1300	1400		Peru, R Victoria	Spanish	6020do	9722do			
1300	1400		Peru, R Vision	Spanish	4790do				
1300	1400		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1300	1400		Philippines, FEBC Philippines	Chinese	9400as	9430as			
1300	1400		Russia, R Rossii	Russian	7310eu				
1300	1400		Russia, VO Russia	Chinese	6115as	7305as			
1300	1400		Russia, VO Russia	Dari/Pashto	4960as				
1300	1400	DRM	Russia, VO Russia	English	9625eu				
1300	1400		Russia, VO Russia	English	7260as	9560as	12075as		
1300	1400	DRM	Russia, VO Russia	Hindi	7315as				
1300	1400		Russia, VO Russia	Hindi	5885as				
1300	1400		Russia, VO Russia	Japanese	5980as				
1300	1400	mtwhfa	Russia, VO Russia	Mongolian	5900as				
1300	1400		Russia, VO Russia	Russian	12055va				
1300	1400	DRM	Russia, VO Russia	Russian	9625eu				
1300	1400		Rwanda, R Rep Rwandaise	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 Gen Pgm	Arabic	17705va	21505af			
1300	1400		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
1300	1400		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1300	1400	mtwhf	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	15575as				
1300	1400		Spain, R Exterior de Espana	Spanish	11910as	21540af			
1300	1400	mtwhf	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17595sa		
1300	1400		Spain, R Exterior de Espana	Spanish	17595va	21610me			
1300	1400	Sun	Spain, R Exterior de Espana	Spanish	9765ca	15125sa			
1300	1400		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1300	1400		Taiwan, R Taiwan Intl	Amoy	11625as				
1300	1400		Taiwan, R Taiwan Intl	Chinese	6085as	9680as	7385as	9780as	
					15265as				
1300	1400		Taiwan, R Taiwan Intl	Japanese	9735as				
1300	1400		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1300	1400		Tajikistan, VO Tajik	English	7245va				
1300	1400		Tajikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1300	1400		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1300	1400		UK, BBC World Service	English	5875as	6190af	6195as	9410as	
					9740as	11760as	11890as	12095af	
					15310as	15400as	17790as	17830af	
					21470af				
1300	1400	Sat	UK, BBC World Service	Somali	15510af				
1300	1400		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1300	1400		USA, BBG/R Free Asia	Burmese	11795as	12105as	13735as		
1300	1400		USA, BBG/R Free Asia	Tibetan	7470as	9350as	11590as	13625as	
					15375as				
1300	1400		USA, BBG/R Free Europe/R Liberty	Circassian	12025eu	15525as			
1300	1400		USA, BBG/R Free Europe/R Liberty	Kazakh	12025as	15525as			
1300	1400		USA, BBG/R Free Europe/R Liberty	Russian	9360eu	15130eu			
1300	1400		USA, BBG/R Marti	Spanish	5745ca	7405ca	11930ca		
1300	1400		USA, BBG/RFE/RL/R Farda	Farsi	9990as	11750as	12005as	13635as	
					15410as	15690as			
1300	1400		USA, BBG/VO America	Cantonese	7390as	9705as			
1300	1400		USA, BBG/VO America	Chinese	6045as	7295as	9530as	9825as	
					11635as	12045as	15110as		
1300	1400	Sat/Sun	USA, BBG/VO America	English	7520va	9640va	11750va	12150va	
1300	1400		USA, BBG/VO America	Korean	5890as	7235as	9800as		
1300	1400		USA, BBG/VO America	Somali	13580af	15620af			
1300	1400		USA, BBG/VO America	Spanish	9885ca	13750sa	15590sa		
1300	1400		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9370as	9565as	
1300	1400		USA, KJES Vado NM	English	11715na				
1300	1400		USA, KNLS Anchor Point AK	Chinese	7355as	9680as			
1300	1400	mtwhf	USA, Overcomer Ministry	English	9980na				
1300	1400		USA, Overcomer Ministry	English	15370na				
1300	1400		USA, WBCQ Monticello ME	English	9330na				
1300	1400		USA, WEWN/EWTN Irondale AL	English	15610eu				

1300	1400		USA, WEWN/EWTN Iroindale AL	Spanish	11550ca	12050ca		
1300	1400		USA, WHRI Cypress Creek SC	English	9930as	11565pa		
1300	1400	Sat/Sun	USA, WHRI Cypress Creek SC	English	9840na			
1300	1400	Sun	USA, WINB Red Lion PA	English	13570ca			
1300	1400		USA, WRMI Miami FL	English/Spanish	9955am			
1300	1400		USA, WTWW Lebanon TN	English	9479na			
1300	1400	fasmt	USA, WTWW Lebanon TN	Russian	12105eu			
1300	1400		USA, WWCR Nashville TN	English	7490af	9980ca	13845na	15825eu
1300	1400		USA, WWRB Manchester TN	English	9370na			
1300	1400		USA, WYFR/Family R	Vietnamese	7580as			
1300	1400		Uzbekistan, CVC/The Voice Asia	Hindi	9500as			
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me	9780me		
1300	1400		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1300	1400	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1305	1330		Clandestine, VO Tibet	Tibetan	15513as			
1315	1330	Sun	Australia, HCJB Global Australia	Bhojpuri	15400as			
1315	1330	f	Australia, HCJB Global Australia	Hmar	15400pa			
1315	1330	h	Australia, HCJB Global Australia	Malayalam	15400pa			
1315	1330	w	Australia, HCJB Global Australia	Marathi	15400pa			
1315	1330	mt	Australia, HCJB Global Australia	Tamil	15400pa			
1315	1330	Sat	Australia, HCJB Global Australia	Urdu	15400pa			
1315	1330	Sun	Guam, KTWR/TWR Asia	Santhali	15225as			
1315	1330	Sat/Sun	India, Athmik Yatra R	Hindi	15285as			
1315	1330	w	India, Athmik Yatra R	Khandesi	15285as			
1315	1330	hf	India, Athmik Yatra R	Marathi	15285as			
1315	1330	m	India, Athmik Yatra R	Santhali	15285as			
1315	1330	t	India, Athmik Yatra R	Vadari	15285as			
1315	1330	Sat	India, TWR India	Bengali	5930as			
1315	1330	f	India, TWR India	Braj Basha	5930as			
1315	1330	mtwhf	India, TWR India	Dogri	15755as			
1315	1330	smt	India, TWR India	Marwari	5930as			
1315	1330	wh	India, TWR India	Mewadi	5930as			
1315	1330		Thailand, R Thailand World Svc	Mandarin	7460as			
1315	1345		Bangladesh, Bangladesh Betar/Ext Svc	English	7250as			
1315	1345	smtwhf	Guam, KTWR/TWR Asia	Assamese	15225as			
1315	1400		India, AIR/External Svc	Dari	9910as	11670as		
1315	1400	Sat/Sun	India, TWR India	Hindi	15755as			
1315	1400		Japan, R Japan/NHK World	Indonesian	11925as	11705al		
1315	1400		Vatican City State, Vatican R	Vietnamese	11835as	15495as		
1320	1340		Clandestine, VO Tibet	Chinese	7548as			
1320	1400		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1330	1340		Clandestine, VO Tibet	Chinese	15602as			
1330	1345	smtwha	Australia, HCJB Global Australia	Hindi	15400pa			
1330	1345		Clandestine, VO Tibet	Tibetan	15518as			
1330	1345	Sun	Guam, KTWR/TWR Asia	Manipuri	15225as			
1330	1345	hf	India, Athmik Yatra R	Malto	15285as			
1330	1345	mtw	India, Athmik Yatra R	Mauchi	15285as			
1330	1345	mt	India, Athmik Yatra R	Nocte	15235as			
1330	1345	Sun	India, Athmik Yatra R	Rongmei	15235as			
1330	1345	fa	India, Athmik Yatra R	Tangkhu	15235as			
1330	1345	wh	India, Athmik Yatra R	Tharu	15235as			
1330	1345	Sat	India, Athmik Yatra R	Tibetan (Amdo)	15285as			
1330	1345	Sun	India, Athmik Yatra R	Tibetan (Lhasa)	15285as			
1330	1345	Sun	India, TWR India	Bondo	5930as			
1330	1345	Sat	India, TWR India	Garhwali	5930as			
1330	1345	f	India, TWR India	Haryanvi	5930as			
1330	1345	w	India, TWR India	Kashmiri	5930as			
1330	1345	mt	India, TWR India	Maithili	5930as			
1330	1345	h	India, TWR India	Tibetan	5930as			
1330	1400		China, Beibu Bay R	Chinese	5050do	9820do		
1330	1400		China, China R International	Indonesian	11955as	15135as		
1330	1400		China, China R International	Thai	7360as	9785as		
1330	1400		Clandestine, Furusato no Kaze	Japanese	9950as			
1330	1400	f	Clandestine, JSR/Shiokaze/Sea Breeze	English	5910as	5985as	6135as	
1330	1400	mwh	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as	5985as	6135as	
1330	1400	t	Clandestine, JSR/Shiokaze/Sea Breeze	Korean/Chinese	5910as	5985as	6135as	
1330	1400	Sat/Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Korean/Japanese	5910as	5985as	6135as	
1330	1400		Clandestine, Sound of Hope R Intl	Chinese	11550as			
1330	1400		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4875as		
1330	1400		Egypt, R Cairo	Farsi	15245as			
1330	1400		Germany, Deutsche Welle	Dari	9440as	15640as		
1330	1400	mtwhf	Guam, KTWR/TWR Asia	Cantonese	9940as			

1330	1400	Sat/Sun	Guam, KTWR/TWR Asia	Hui	9940as			
1330	1400		India, AIR/External Svc	English	9690as	11620as	13710as	
1330	1400		India, AIR/External Svc	Nepali	3945as	4870as	7420as	11775as
1330	1400	mtwhf	India, TWR India	Hindi	7505as			
1330	1400	sw	Indonesia, AWR Asia/Pacific	Assamese	15660as			
1330	1400	hf	Indonesia, AWR Asia/Pacific	Hmong	15660as			
1330	1400	ha	Indonesia, AWR Asia/Pacific	Lao	17605as			
1330	1400	mta	Indonesia, AWR Asia/Pacific	Malay	15660as			
1330	1400		Indonesia, AWR Asia/Pacific	Russian	9650eu			
1330	1400	mwf	Indonesia, AWR Asia/Pacific	Thai	17605as			
1330	1400		Iran, VO Islamic Rep of Iran	Japanese	9665as	9585as		
1330	1400		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		5920as		
1330	1400		Japan, R Japan/NHK World	Korean	6190as			
1330	1400		Laos, LNR Natl Svc/Vientane	Thai	6130do			
1330	1400		Myanmar, Myanma R	Burmese	5915do			
1330	1400		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1330	1400		Pakistan, R Pakistan External Svc	Urdu	11645me	15425me		
1330	1400		Philippines, FEBC Philippines	Burmese	12120as			
1330	1400		Philippines, FEBC Philippines	Khmu	12095as			
1330	1400		Philippines, FEBC Philippines	Yunnanese	9465as			
1330	1400		Philippines, R Veritas Asia	Hindi	11870as			
1330	1400		Philippines, R Veritas Asia	Sinhala	9520as			
1330	1400		Sri Lanka, AWR Asia	Mandarin	15480as			
1330	1400		Thailand, R Thailand World Svc	Thai	7460as			
1330	1400		Turkey, VO Turkey	English	12035eu			
1330	1400		Turkey, VO Turkey	Uyghur	13685as			
1330	1400		UK, BBC World Service	Bengali	5865as	9510as	11850as	
1330	1400		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as	13830as	
1330	1400		USA, BBG/VO America	Khmer	9325as	11965as		
1330	1400		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1330	1400		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as			
1332	1400		Vatican City State, Vatican R	Russian	6070as	9695as		
1340	1400		Clandestine, VO Tibet	Chinese	15603as			
1345	1400	w	India, Athmik Yatra R	Kaubru	15235as			
1345	1400	f	Australia, HCJB Global Australia	English	15400pa			
1345	1400		Clandestine, VO Tibet	Tibetan	15517as			
1345	1400		Guam, KTWR/TWR Asia	Korean	11580as			
1345	1400		Guam, KTWR/TWR Asia	Mandarin	9975as			
1345	1400	hf	India, Athmik Yatra R	Deori	15235as			
1345	1400	wh	India, Athmik Yatra R	Deshiya	15285as			
1345	1400	mt	India, Athmik Yatra R	Kokborok	15235as			
1345	1400	Sun	India, Athmik Yatra R	Netakani	15285as			
1345	1400	Sat/Sun	India, Athmik Yatra R	Thadou-Kuki	15235as			
1345	1400	fa	India, Athmik Yatra R	Urdu	15285as			
1345	1400	Sat	India, TWR India	Bundeli	5930as			
1345	1400	Sun	India, TWR India	Kurukh	5930as			
1345	1400	mtwhf	India, TWR India	Maithili	5930as			
1345	1400		Pakistan, R Pakistan External Svc	Pashto	5080as			
1345	1400		UK, BBC World Service	Burmese	7400as	9900as	11685as	
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	1405		Clandestine, VO Tibet	Tibetan	15517as			
1400	1415	Sat	Guam, KTWR/TWR Asia	Korean	11580as			
1400	1415		India, AIR/External Svc	Dari	9910as	11670as		
1400	1415	Sat	India, Athmik Yatra R	Ao	15235as			
1400	1415	h	India, Athmik Yatra R	Bhojpuri	15285as			
1400	1415	w	India, Athmik Yatra R	Bondo	15285as			
1400	1415	f	India, Athmik Yatra R	Gondi	15285as			
1400	1415	mt	India, Athmik Yatra R	Halam	15235as			
1400	1415	hf	India, Athmik Yatra R	Karbi	15235as			
1400	1415	Sun	India, Athmik Yatra R	Kupiya	15285as			
1400	1415	w	India, Athmik Yatra R	Rengma	15235as			
1400	1415	mt	India, Athmik Yatra R	Soura	15285as			
1400	1415	Sun	India, Athmik Yatra R	Sumi	15235as			
1400	1415	Sat	India, Athmik Yatra R	Yerukala	15285as			
1400	1415	t	India, TWR India	Awadhi	7505as			
1400	1415	Sat	India, TWR India	Bundeli	5930as			
1400	1415	mhf	India, TWR India	Hindi	7505as			
1400	1415	Sun	India, TWR India	Kharia	5930as			
1400	1415	mtwhf	India, TWR India	Maithili	5930as			
1400	1415		Swaziland, TWR Africa	Urdu	15360as			
1400	1415	Sun	USA, Pan Am Broadcasting	English	15205as			
1400	1425	mtf	Guam, KTWR/TWR Asia	English	15190as			
1400	1425	Sat	Swaziland, TWR Africa	Makhuwa	7315af			
1400	1425	Sun	Swaziland, TWR Africa	Portuguese	7315af			
1400	1425		Turkey, VO Turkey	English	12035eu			

1400	1425		Turkey, VO Turkey	Uyghur	13685as			
1400	1426		Romania, R Romania Intl	Chinese	9725as	11825as		
1400	1427		China, China R International	Indonesian	11955as	15135as		
1400	1427		Iran, VO Islamic Rep of Iran	Arabic	13750as	17650as		
1400	1427		Iran, VO Islamic Rep of Iran	Dari	15300as			
1400	1427		Iran, VO Islamic Rep of Iran	Japanese	9665as	9585as		
1400	1427		Iran, VO Islamic Rep of Iran	Urdu	9715as	11685as	11720as	
1400	1427		Philippines, R Veritas Asia	Bengali	11870as			
1400	1427		Philippines, R Veritas Asia	Tamil	9520as			
1400	1430	irreg	Antartica, R Nac Arcangel San Gabriel	Spanish	15476sa			
1400	1430		Australia, ABC/R Australia	Chinese	9475as	9965as	11660as	
1400	1430		Australia, HCJB Global Australia	Urdu	15400pa			
1400	1430		Austria, AWR Europe	Urdu	15440as			
1400	1430		Bangladesh, Bangladesh Betar/Ext Svc	Urdu	15505as			
1400	1430	f	Clandestine, JSR/Shiokaze/Sea Breeze	English	5910as	5985as	6135as	
1400	1430	mwh	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as	5985as	6135as	
1400	1430	t	Clandestine, JSR/Shiokaze/Sea Breeze	Korean/Chinese	5910as	5985as	6135as	
1400	1430	Sat/Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Korean/Japanese	5910as	5985as	6135as	
1400	1430		Clandestine, Sound of Hope R Intl	Chinese	9995as			
1400	1430		Clandestine, VO Iranian Kurdistan	Kurdish	3965as	4875as		
1400	1430	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as			
1400	1430		Clandestine, VO Tibet	Tibetan	15400as			
1400	1430	Sun	Clandestine, VO Wilderness	Korean	6275as			
1400	1430		France, R France International	Russian	15530eu	17850eu		
1400	1430		Germany, Deutsche Welle	Pashto	9440as	15640as		
1400	1430	wa	Germany, Hamburger Lokalradio	German	7265eu			
1400	1430	h	Guam, KTWR/TWR Asia	English	15190as			
1400	1430		India, AIR/External Svc	Nepali	3945as	4870as	7420as	11775as
1400	1430		India, AIR/Uttaranchal Prg	Hindi	6030do			
1400	1430	Sat/Sun	India, TWR India	Hindi	15755as			
1400	1430		Indonesia, AWR Asia/Pacific	Asho Chin	17590as			
1400	1430		Indonesia, AWR Asia/Pacific	Sinhalese	15255as			
1400	1430		Japan, R Japan/NHK World	Chinese	6190as			
1400	1430		Japan, R Japan/NHK World	English	11695as	11705al	11925as	
1400	1430		Laos, LNR Natl Svc/Vientane	English	6130do			
1400	1430		Mongolia, Voice of Mongolia	Japanese	12015as			
1400	1430		Mongolia, Voice of Mongolia	Mongolian	12015as			
1400	1430		Philippines, FEBC Philippines	Burmese	15600as			
1400	1430		Philippines, FEBC Philippines	Javanese	15620as			
1400	1430		Philippines, FEBC Philippines	Lahu	11750as			
1400	1430		Poland, Polish R/External Svc	Russian	12095eu			
1400	1430		Serbia, International R Serbia	English	9635eu			
1400	1430		Thailand, R Thailand World Svc	English	9950as			
1400	1430		UK, BBC World Service	Burmese	7400as	9900as	11685as	
1400	1430		UK, BBC World Service	Hausa	15105af	17780af	21630af	
1400	1430		UK, BBC World Service	Hindi	5865as	7600as	9510as	12065as
					13865as			
1400	1430		UK, FEBA Radio	Urdu	7230as			
1400	1430		USA, BBG/R Free Asia	Burmese	11795as	12105as		
1400	1430		USA, BBG/RFE/RL/R Farda	Farsi	9990as	12005as	13635as	13800as
					15410as	15690as		
1400	1430		USA, BBG/RFE/RL/R Free Afghanistan	Dari	9335as	12140as		
1400	1430		USA, BBG/RFE/RL/R Free Afghanistan	Pashto	9335as	12140as	13830as	
1400	1430		USA, BBG/VO America	Khmer	9325as	11965as		
1400	1430		USA, WHRI Cypress Creek SC	English	9950as			
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as			
1400	1435	sw	Guam, KTWR/TWR Asia	English	15190as			
1400	1440		China, Hulun Buir PBS	Chinese	3900do			
1400	1445	Sun	Guam, KTWR/TWR Asia	Korean	11580as			
1400	1445		Guam, KTWR/TWR Asia	Mandarin	9975as			
1400	1455		Saudi Arabia, BSKSA/External Svc	Bengali	15120as			
1400	1455		Saudi Arabia, BSKSA/External Svc	Urdu	13775as			
1400	1455		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17705va	21505af		
1400	1455		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	17615af	17895af	
1400	1455		Turkey, VO Turkey	Russian	9410eu			
1400	1456		Romania, R Romania Intl	Romanian	11870eu	15170eu		
1400	1457		China, China R International	Amoy	9655as	11650as		
1400	1457		China, China R International	Bengali	9490as	11610as		
1400	1457		China, China R International	Burmese	11780as			
1400	1457		China, China R International	Cambodian	6055as	9600as		
1400	1457		China, China R International	Chinese	7205as	7215as	7435as	9540as
					9730as	11610as	11785eu	15220na
1400	1457		China, China R International	English	5955as	7300na	9460as	9765pa
					9795as	9870as	11665eu	13625as
					13685as	13740va	17630va	
1400	1457		China, China R International	Japanese	7210as	7410as		
1400	1457		China, China R International	Korean	5965as			
1400	1457		China, China R International	Nepali	7220as	7435as		

1400	1457	China, China R International	Russian	6005eu	7330eu	9450as		
1400	1457	China, China R International	Sinhala	7265as	9610as			
1400	1457	China, China R International	Tamil	9570as	9665as			
1400	1457	China, China R International	Urdu	6075as	7285as			
1400	1457	China, China R International	Vietnamese	9550as	9685as			
1400	1457	Iran, VO Islamic Rep of Iran	Dari	12085as				
1400	1457	North Korea, Korean Central BC Sta	Korean	6170as	9850as			
1400	1457	North Korea, VO Korea	French	7570eu	9335na	11710na		12915eu
1400	1457	North Korea, VO Korea	Russian	6170eu	9325eu			
1400	1500	Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1400	1500	Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1400	1500	Anguilla, University Network	English	11775na				
1400	1500	Australia, ABC/R Australia	English	5940as	5995pa	9580pa		11945pa
1400	1500	Australia, NT VL8A Alice Springs	English	2310do				
1400	1500	Australia, NT VL8K Katherine	English	2485do				
1400	1500	Australia, NT VL8T Tennant Creek	English	2325do				
1400	1500	Australia, Symban World R	Greek	2369do				
1400	1500	Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1400	1500	Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as				
1400	1500	Belarus, R Belarus	Russian	11730eu				
1400	1500	Bhutan, Bhutan BC Svc	Dzongkha	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	Spanish/Aymara/Quechua		6025do			
1400	1500	Bolivia, R Lipez	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 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	4878do				
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	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 Boa Vontade	Portuguese	6160do	9550do			
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	irreg	Cameroon, CRTV/R Buea	French/English/vernaculars	6005do			
1400	1500	Sun	Canada, Bible Voice Broadcasting	English	15470as			
1400	1500		Canada, CFRX Toronto ON	English	6070do			

1400	1500		Canada, CFVP Calgary AB	English	6030do				
1400	1500		Canada, CKZN St Johns NF	English	6160do				
1400	1500		Canada, CKZU Vancouver BC	English	6160do				
1400	1500	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1400	1500		China, Beibu Bay R	Chinese	5050do	9820do			
1400	1500		China, China Business R	Chinese	3985do	6040do	6065do	6090do	
					6155do	6190do	7245do	7315do	
					7335do	7370do	7375do	7425do	
					9620do	9755do	11740do		
1400	1500		China, China Huayi BC	Amoy/Chinese	6185do				
1400	1500		China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do		
1400	1500		China, China Natl R/CNR13	Uyghur	9420do	9890do			
1400	1500		China, China R International	French	11920af	13670af			
1400	1500		China, Hunan PBS	Chinese	3900do				
1400	1500		China, Nei Menggu PBS	Chinese	7420do	9520do			
1400	1500		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1400	1500		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
1400	1500		China, Qinghai PBS-1	Chinese	4750do	6145do			
1400	1500		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1400	1500		China, VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do	11710do	
					12045do				
1400	1500		China, VO Minorities	Kazakh	6145do	6180do	7445do	9630do	
					9645do				
1400	1500		China, VO Pujiang	Wu	3280do	4950do	5075do	9705do	
1400	1500		China, VO Shenzhou	Amoy/Chinese	6165do	9170do			
1400	1500		China, VO the Strait	Chinese	4940do	9505do			
1400	1500		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
1400	1500		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
					7310do	7340do			
1400	1500		China, Xinjiang PBS	Kazakh	4330do	6015do	6145do	6180do	
					7445do	9630do			
1400	1500		China, Xinjiang PBS	Mongolian	4500do	6190do			
1400	1500		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do	
1400	1500		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do	11950do	
1400	1500		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do			
1400	1500		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
1400	1500		Clandestine, Denge Kurdistan	Kurdish	11510me				
1400	1500		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1400	1500		Clandestine, Open R for North Korea	Korean	7540as				
1400	1500		Clandestine, Sound of Hope R Intl	Chinese	7280as	7970as	9450as	9970as	
					10960as	11760as	12230as	12670as	
					12800as	13270as	15940as		
1400	1500		Clandestine, Tamil Naatham R	Tamil	12225as				
1400	1500		Clandestine, VO China	Chinese	7270as				
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 Tele Candip	French/vernaculars	5066do				
1400	1500		Cuba, R Havana Cuba	Spanish	9540ca	11690ca	11750ca	11760am	
					11860na	13760na	15340na	15230sa	
					17580sa	17730sa			
1400	1500	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	13690ca	15340ca	
					15370sa	17750sa			
1400	1500		Cuba, R Rebelde	Spanish	5025na				
1400	1500		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1400	1500		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1400	1500		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1400	1500		Ecuador, Centro R de Imbabura	Spanish	3380do				
1400	1500		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
1400	1500		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do				
1400	1500		Egypt, R Cairo	Arabic	15800as	15080al	15770al		
1400	1500		Egypt, R Cairo	Farsi	15245as				
1400	1500		Egypt, R Cairo	Pashto	15545as				
1400	1500	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1400	1500		Eqt Guinea, Pan Am BC/R Africa	English	15190af				
1400	1500		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1400	1500		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
1400	1500		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
1400	1500		Ethiopia, Amhara State Regional R	Amharic	6090do				
1400	1500		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		

1400	1500		Ethiopia, R Ethiopia/External Svc	Arabic	7235af	9558af		
1400	1500		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1400	1500	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
1400	1500	DRM	France, R France International	French	3965eu			
1400	1500		France, R France International	Vietnamese	7380as			
1400	1500		Gabon, Africa No. 1	French	9580af			
1400	1500	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1400	1500		Germany, R 6150	English	6070eu			
1400	1500		Germany, R 700	German/various	3955eu	6005eu	6085eu	
1400	1500		Greece, R Stathmos Makedonias	Greek	9935va			
1400	1500		Greece, Voice of Greece	Greek	15630va			
1400	1500		Guatemala, R Verdad	English/Spanish	4055do			
1400	1500	irreg	Guinea, RTV Guinee	French/vernacular	7125do			
1400	1500		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1400	1500		Honduras, R Luz y Vida	Spanish	3250do			
1400	1500		India, AIR/Aizawl	Hindi/English/vernaculars		7295do		
1400	1500		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do		
1400	1500		India, AIR/Chennai	Hindi/English/Tamil	4920do			
1400	1500		India, AIR/External Svc	English	9690as	11620as	13710as	
1400	1500		India, AIR/External Svc	Sindhi	6165as	7340as	9620as	
1400	1500		India, AIR/External Svc	Sinhala	7270as	9820as		
1400	1500	DRM	India, AIR/External Svc	Sinhala	15050as			
1400	1500		India, AIR/Gangkok	Hindi/English/vernaculars		4835do		
1400	1500		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
1400	1500		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do		
1400	1500		India, AIR/Imphal	Hindi/English/vernaculars		4775do		
1400	1500		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
1400	1500		India, AIR/Jaipur	Hindi/English/vernaculars		4910do		
1400	1500		India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		5040do		
1400	1500		India, AIR/Kohima	Hindi/English/vernaculars		4850do		
1400	1500		India, AIR/Kolkata	Bengali/Hindi/Santhani		4820do		
1400	1500		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
1400	1500		India, AIR/Leh	Hindi/English/vernaculars		4660do		
1400	1500		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1400	1500		India, AIR/Mumbai	Hindi/English/Marathi	4840do			
1400	1500		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1400	1500		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
1400	1500		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
1400	1500		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
1400	1500		India, AIR/Srinagar	Hindi/English/vernaculars		4950do		
1400	1500		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		5010do		
1400	1500		India, AIR/Vivdh Bharati	Hindi	9870do			
1400	1500		Indonesia, AWR Asia/Pacific	Mandarin	11935as	15495as		
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	Arabic	17550as			
1400	1500		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		5920as		
1400	1500		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1400	1500		Japan, R Japan/NHK World	Japanese	9750as	11815as		
1400	1500		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do	
1400	1500		Kuwait, R Kuwait/General Svc	Arabic	9750af	15515as	21540eu	
1400	1500		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
1400	1500		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1400	1500		Malaysia, RTM Kajang/Asyik FM	Malay/minority languages		6050do		
1400	1500		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1400	1500		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1400	1500		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
1400	1500		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
1400	1500		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do		
1400	1500		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1400	1500		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1400	1500		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1400	1500		Myanmar, Myanma R	Burmese	5915do			
1400	1500		Myanmar, Thazin R	Burmese	7110do			
1400	1500		Nepal, R Nepal	Nepali	5005do			
1400	1500	mtwhf	Netherlands, Transport R	Dutch	6095eu			
1400	1500		New Zealand, R New Zealand Intl	English	5950pa			
1400	1500		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1400	1500		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1400	1500	mtwhf	Nigeria, VO Nigeria	English	9690af			
1400	1500		Oman, R Sultanate of Oman	English	15560af			
1400	1500		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1400	1500		Pakistan, R Pakistan External Svc	Urdu	11645me	15425me		

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 Chaski	Quechua	5980do				
1400	1500		Peru, R Cusco	Spanish	4780do	4800af			
1400	1500		Peru, R Horizonte	Spanish	5020do				
1400	1500		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1400	1500		Peru, R Union	Spanish	6115do				
1400	1500		Peru, R Victoria	Spanish	6020do	9722do			
1400	1500		Peru, R Vision	Spanish	4790do				
1400	1500		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1400	1500		Philippines, FEBC Philippines	Chinese	9345as	9430as			
1400	1500		Russia, R Rossii	Russian	7310eu				
1400	1500		Russia, VO Russia	English	4960va	6235as	7260as	9560as	
					12075as				
1400	1500		Russia, VO Russia	Russian	6110va	12055as			
1400	1500		Russia, VO Russia	Urdu	5885as				
1400	1500	DRM	Russia, VO Russia	Urdu	7315as				
1400	1500		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1400	1500		Saudi Arabia, BSKSA/European Pgm	French	17660af				
1400	1500		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
1400	1500		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1400	1500	mtwhf	South Africa, Channel Africa	Portuguese	9625af				
1400	1500		South Africa, R Sonder Grense	Afrikaans	9650do				
1400	1500		South Korea, KBS World R	English	9640as				
1400	1500		South Korea, KBS World R	Indonesian	9570as				
1400	1500		South Korea, KBS World R	Korean	15575na				
1400	1500	Sun	Spain, R Exterior de Espana	Spanish	15125sa				
1400	1500		Spain, R Exterior de Espana	Spanish	9765va	15585eu	17595va	21540af	
					21610me				
1400	1500		Sri Lanka, AWR Asia	Mandarin	15480as				
1400	1500		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1400	1500		Taiwan, R Taiwan Intl	Chinese	6075as	6145as	7365as	7380as	
					9780as	mt0313			
1400	1500		Taiwan, R Taiwan Intl	Indonesian	11875as				
1400	1500		Taiwan, R Taiwan Intl	Russian	15180eu				
1400	1500		Taiwan, R Taiwan Intl	Thai	11635as				
1400	1500		Taiwan, R Taiwan Intl	Vietnamese	9625as				
1400	1500		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1400	1500		Tajikistan, VO Tajik	Tajik	7245as				
1400	1500		Takikistan, Sadoi Dushanbe/TR2/Farhang/TR3	Tajik		4765do			
1400	1500		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1400	1500		UK, BBC World Service	Dari	9810as	11950as	15710as		
1400	1500		UK, BBC World Service	English	5845as	5875as	6190af	11760as	
					11890as	12095af	15310as	15400as	
					17640af	17830af	21470af		
1400	1500		UK, BBC World Service	Somali	12045af	15150af	17870af		
1400	1500	Sat	UK, BBC World Service	Somali	15510af				
1400	1500		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1400	1500		USA, BBG/R Free Asia	Cantonese	7330as	1360as			
1400	1500		USA, BBG/R Free Asia	Vietnamese	11605as	12130as	13735as	15310as	
1400	1500		USA, BBG/R Free Europe/R Liberty	Russian	9360eu	11850eu	11995eu	15130eu	
1400	1500		USA, BBG/R Free Europe/R Liberty	Tajik	7550as	11975as			
1400	1500		USA, BBG/R Free Europe/R Liberty	Turkmen	6060as	12025as			
1400	1500		USA, BBG/R Free Europe/R Liberty	Uzbek	9595as	13645as	15265as		
1400	1500		USA, BBG/R Marti	Spanish	11930ca	13820ca	15330ca		
1400	1500		USA, BBG/VO America	Cantonese	7390as	9705as			
1400	1500		USA, BBG/VO America	Chinese	6105as	7295as	9390as	9490as	
					9550as	9825as	12045as		
1400	1500	mtwhf	USA, BBG/VO America	English	7520va	9760va	12150va		
1400	1500		USA, BBG/VO America	English	4930af	6080af	15580af	17530af	
					17725af				

1400	1500		USA, BBG/VO America	Korean	5890as	7235as	9800as		
1400	1500		USA, BBG/VO America	Kurdish	11840me	11880me	13580me		
1400	1500		USA, BBG/VO America	Tibetan	7255as	7530as	9315as	9670as	
1400	1500		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9565as		
1400	1500		USA, BBG/VOA/R Aap ki Duniya	Urdu	15515as				
1400	1500		USA, KJES Vado NM	English	11715na				
1400	1500		USA, KNLS Anchor Point AK	English	7355as	9615as			
1400	1500	mtwhf	USA, Overcomer Ministry	English	9980na	13570ca	13810me		
1400	1500		USA, Overcomer Ministry	English	9370va	9460eu			
1400	1500		USA, WBCQ Monticello ME	English	9330na				
1400	1500	Sat	USA, WBCQ Monticello ME	English	15420na				
1400	1500		USA, WEWN/EWTN Irondale AL	English	15610eu				
1400	1500		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050ca			
1400	1500	Sat/Sun	USA, WHRI Cypress Creek SC	English	9840na	21600af			
1400	1500	Sun	USA, WINB Red Lion PA	English	13570ca				
1400	1500		USA, WJHR Intl Milton FL	English	15550	lsb			
1400	1500	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1400	1500		USA, WRNO New Orleans LA	English	7505na				
1400	1500	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu				
1400	1500		USA, WTWW Lebanon TN	English	9479na				
1400	1500		USA, WWCR Nashville TN	English	7490af	9980ca	13845na	15825eu	
1400	1500		USA, WWRB Manchester TN	English	9370na				
1400	1500		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	6135me	9780me			
1400	1500		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1400	1500	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1405	1430		Clandestine, VO Tibet	Tibetan	15523as				
1410	1420	mtwhf	Kyrgyzstan, Kyrgyz Radiosu	German	4010do				
1415	1427		Nepal, R Nepal	English	5005do				
1415	1429	sw	Vatican City State, Vatican R	Urdu	7585as				
1415	1430	Sat/Sun	India, Athmik Yatra R	Banjara	15285as				
1415	1430	wh	India, Athmik Yatra R	Gamit	15285as				
1415	1430	Sat/Sun	India, Athmik Yatra R	Garo	15235as				
1415	1430	mt	India, Athmik Yatra R	Kui	15285as				
1415	1430	f	India, Athmik Yatra R	Kukna	15285as				
1415	1430	whf	India, Athmik Yatra R	Mising	15235as				
1415	1430	mt	India, Athmik Yatra R	Santhali	15235as				
1415	1430	mtwhf	India, TWR India	Garhwali	7505as				
1415	1430	fas	India, TWR India	Kurukh	5930as				
1415	1430	sm	India, TWR India	Maghai	5930as				
1415	1430	tw	India, TWR India	Mundari	5930as				
1415	1430		USA, Pan Am Broadcasting	English	15205as				
1415	1500		India, AIR/External Svc	English/Pashto	9910as	11670as			
1420	1450	w	Kyrgyzstan, Kyrgyz Radiosu	Kyrgyz/Russian	4010do				
1425	1455	m	Spain, R Exterior de Espana	Sefardi	15385me				
1425	1455		Swaziland, TWR Africa	English	6025af				
1425	1455		Swaziland, TWR Africa	Portuguese	7315af				
1430	1445	m	Australia, HCJB Global Australia	Bangla	15400as				
1430	1445	Sat/Sun	Australia, HCJB Global Australia	Chattisghari	15400as				
1430	1445	f	Australia, HCJB Global Australia	Gujarati	15400pa				
1430	1445	w	Australia, HCJB Global Australia	Kuruk	15400pa				
1430	1445	t	Australia, HCJB Global Australia	Marwari	15400pa				
1430	1445	h	Australia, HCJB Global Australia	Telegu	15400pa				
1430	1445	mtw	India, Athmik Yatra R	Dzongkha	15235as				
1430	1445	Sat/Sun	India, Athmik Yatra R	Harayanvi	15285as				
1430	1445	Sat/Sun	India, Athmik Yatra R	Khariya	15235as				
1430	1445	hf	India, Athmik Yatra R	Konyak	15235as				
1430	1445	f	India, Athmik Yatra R	Kotwali	15285as				
1430	1445	t	India, Athmik Yatra R	Mouchi	15285as				
1430	1445	mt	India, Athmik Yatra R	Sambalpuri	15285as				
1430	1445	w	India, Athmik Yatra R	Varti	15285as				
1430	1445		India, TWR India	Hindi	7505as				
1430	1445	Sat/Sun	India, TWR India	Sadari	5930as				
1430	1445		UK, FEBA Radio	mixed languages	7230as				
1430	1445	Sun	USA, Pan Am Broadcasting	English	15205as				
1430	1450		Vatican City State, Vatican R	Hindi	7585as	15595as			
1430	1455		Turkey, VO Turkey	Kazakh	9785as				
1430	1456		Romania, R Romania Intl	Russian	11690as	15735as			
1430	1457		China, China R International	Filipino	7325as	11830as			
1430	1457		Germany, Deutsche Welle	Urdu	15275af				
1430	1457		Philippines, R Veritas Asia	Urdu	15330as				
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	15470as			
1430	1500		China, China Business R	English	6190do	7220do		
1430	1500		China, China Natl R/CNR11	English	4905do	4920do	6130do	
1430	1500		China, China R International	Lao	7360as	9675as		
1430	1500		Clandestine, Dem VO of Burma	Burmese	6225as			
1430	1500		Clandestine, Furusato no Kaze	Japanese	9950as			
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, VO Tibet	Tibetan	17535as			
1430	1500		France, R France International	Pashto	17850as	21580as		
1430	1500		France, R France International	Persian	17850me	21580me		
1430	1500		Germany, Deutsche Welle	Urdu	15275af	15360as	15640as	
1430	1500		India, AIR/Delhi	English/Hindi	4870do			
1430	1500		India, AIR/External Svc	Urdu	3945as	6045as		
1430	1500	mtwhf	India, TWR India	Sindhi	5930as			
1430	1500		Indonesia, AWR Asia/Pacific	Burmese	15660as			
1430	1500		Indonesia, AWR Asia/Pacific	Karen	17590as			
1430	1500		Iran, VO Islamic Rep of Iran	Arabic	9515as			
1430	1500		Iran, VO Islamic Rep of Iran	Azeri	12015as			
1430	1500		Iran, VO Islamic Rep of Iran	Bengali	7320as	9630as	11805as	
1430	1500		Iran, VO Islamic Rep of Iran	Hindi	11700as	13750as		
1430	1500		Iran, VO Islamic Rep of Iran	Russian	7285eu	9685eu	11860eu	
1430	1500		Iran, VO Islamic Rep of Iran/Mashad Prg	Pashto	5965as			
1430	1500		Japan, R Japan/NHK World	Burmese	11740as			
1430	1500		Japan, R Japan/NHK World	Farsi	13725me			
1430	1500		Japan, R Japan/NHK World	Hindi	15720as			
1430	1500		Japan, R Japan/NHK World	Korean	6190as			
1430	1500		Laos, LNR Natl Svc/Vientane	French	6130do			
1430	1500		Madagascar, AWR Africa	Malagasy	6155af			
1430	1500		Mongolia, Voice of Mongolia	Chinese	12015as			
1430	1500		Palau, T8WH/World Harvest R	English	11925as			
1430	1500		Philippines, FEBC Philippines	Indonesian	15620as			
1430	1500		Philippines, FEBC Philippines	Uyghur	11905as			
1430	1500		Philippines, R Veritas Asia	Chin	11870as			
1430	1500		Philippines, R Veritas Asia	Telugu	11750as			
1430	1500		Poland, Polish R/External Svc	Belarusian	12095eu			
1430	1500		Serbia, International R Serbia	Serbian	9635eu			
1430	1500	Sat	UK, BBC World Service	Hausa	17780af			
1430	1500		UK, FEBA Radio	Hindi	9540as			
1430	1500		USA, BBG/RFE/RL/R Farda	Farsi	12005as	13680as	13800as	15410as
					15690as			
1430	1500		USA, BBG/VO America	Burmese	9355as	11965as	12120as	
1430	1500		USA, BBG/VOA/R Ashna	Pashto	9335as	12140as	13830as	
1430	1500		USA, WHRI Cypress Creek SC	English	9965as			
1430	1500		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as		
1430	1500		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
1440	1500	Sat/Sun	Swaziland, TWR Africa	French	9585af			
1445	1500	mtwhf	Australia, HCJB Global Australia	Hindi	15400pa			
1445	1500	Sun	Australia, HCJB Global Australia	Punjabi	15400pa			
1445	1500	Sat	Australia, HCJB Global Australia	Urdu	15400pa			
1445	1500	mtwhf	Guam, KTWR/TWR Asia	Mandarin	9975as			
1445	1500		India, AIR/External Svc	Bengali	7420as			
1445	1500	Sat/Sun	India, Athmik Yatra R	Bhaojpuri	15285as			
1445	1500	mtwhf	India, Athmik Yatra R	Hindi	15285as			
1445	1500	hf	India, Athmik Yatra R	Newari	15235as			
1445	1500	mtw	India, Athmik Yatra R	Sharchopa	15235as			
1445	1500	Sat/Sun	India, Athmik Yatra R	Tibetan (Khams)	15235as			
1445	1500	Sat/Sun	India, TWR India	Chodri	5930as			
1445	1500	mtwhfa	India, TWR India	Hindi	7505as			
1445	1500	Sun	India, TWR India	Punjabi	7505as			
1445	1500		Pakistan, R Pakistan External Svc	Dari	5080as			
1450	1500		Vatican City State, Vatican R	Tamil	7585as	15595as		
1455	1500		Swaziland, TWR Africa	Makua	7315af			
1455	1500	mtwhf	Swaziland, TWR Africa	Malagasy	9585af			
1455	1500		Swaziland, TWR Africa	Shona	6025af			
1456	1500	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do			

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

1500	1500	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	13690ca	15340ca
					15370sa	17750sa		
1500	1510		Clandestine, R Sedayee Kashmir	Kashmiri	4870as			
1500	1510		Swaziland, TWR Africa	Makua	7315af			
1500	1510		Vatican City State, Vatican R	Tamil	7585as	15595as		
1500	1515		India, AIR/External Svc	Bengali	7420as			
1500	1515	tw	India, Athmik Yatra R	Lepcha	15235as			
1500	1515	hf	India, Athmik Yatra R	Magahi	15235as			

1500	1515	Sat/Sun	India, Athmik Yatra R	Meitei	15235as			
1500	1515	m	India, Athmik Yatra R	Sherpa	15235as			
1500	1515	Sat/Sun	India, TWR India	Bhili	5930as			
1500	1515	mtw	India, TWR India	Gamit	5930as			
1500	1515	mtwhfa	India, TWR India	Hindi	7505as			
1500	1515	Sun	India, TWR India	Punjabi	7505as			
1500	1515	hf	India, TWR India	Vasavi	5930as			
1500	1515		Japan, R Japan/NHK World	Hindi	15720as			
1500	1520		USA, BBG/R Free Europe/R Liberty	Avar	11775eu	13775eu		
1500	1525	Sat/Sun	Swaziland, TWR Africa	French	9585af			
1500	1525		Swaziland, TWR Africa	Shona	6025af			
1500	1525		Turkey, VO Turkey	Italian	6185eu			
1500	1526		Romania, R Romania Intl	Italian	7390eu			
1500	1527		China, China R International	Farsi	6165me	9600me	9765me	
1500	1527		China, China R International	Pashto	7435as	9620as		
1500	1527		Iran, VO Islamic Rep of Iran	Bengali	7320as	9630as	11805as	
1500	1527		Iran, VO Islamic Rep of Iran	Hindi	11700as	13750as		
1500	1527		Iran, VO Islamic Rep of Iran	Russian	7285eu	9685eu	11860eu	
1500	1527		Iran, VO Islamic Rep of Iran/Mashad Prg	Pashto	5965as			
1500	1530		Armenia, Public R of Armenia	Yezidi	4810me			
1500	1530		Australia, ABC/R Australia	English	11945pa			
1500	1530		Australia, HCJB Global Australia	English	15400pa			
1500	1530		Austria, AWR Europe	Turkish	11955as			
1500	1530	m	Austria, TWR Europe	Belarusian	9495eu			
1500	1530	twhf	Austria, TWR Europe	Russian	9495eu			
1500	1530	Sun	Canada, Bible Voice Broadcasting	English	13740as			
1500	1530		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
1500	1530		Clandestine, Dem VO of Burma	Burmese	6225as			
1500	1530		Clandestine, Furusato no Kaze	Korean	9950as			
1500	1530		Clandestine, Nippon no Kaze	Korean	9975as			
1500	1530		Clandestine, R Dabanga	Arabic (Darfuri)	13800af	15535af		
1500	1530		Clandestine, R Tamazuj	Arabic (Sudanese)	13800af	15535af		
1500	1530	mtwf	Clandestine, VO Democratic Alliance	Arabic	7235af	9558af		
1500	1530	tha	Clandestine, VO Democratic Alliance	Tigrigna	7235af	9558af		
1500	1530		Egypt, R Cairo	Farsi	15245as			
1500	1530	Sun	Germany, R Santec	English	15190as			
1500	1530	m	Germany, TWR Europe	Belarusian	7295eu			
1500	1530	twhf	Germany, TWR Europe	Russian	7295eu			
1500	1530		India, AIR/Delhi	English/Hindi	4870do			
1500	1530		India, AIR/External Svc	English/Pashto	9910as	11670as		
1500	1530		India, TWR India	Urdu	6115as			
1500	1530		Indonesia, AWR Asia/Pacific	Karen	15660as			
1500	1530		Indonesia, AWR Asia/Pacific	Mizo	15605as			
1500	1530		Indonesia, AWR Asia/Pacific	Tamil	11685as			
1500	1530		Indonesia, AWR Asia/Pacific	Telugu	15495as			
1500	1530	Sun	Italy, IRRS Shortwave	English	15190va			
1500	1530		Laos, LNR Natl Svc/Vientane	Vietnamese	6130do			
1500	1530		Madagascar, AWR Africa	Malagasy	6155af			
1500	1530		Pakistan, R Pakistan External Svc	Urdu	11645me	15425me		
1500	1530		Serbia, International R Serbia	Spanish	9635eu			
1500	1530		Sri Lanka, AWR Asia	Nepali	15255as			
1500	1530		Sri Lanka, AWR Asia	Panjabi	15270as			
1500	1530		Taiwan, R Taiwan Intl	Cantonese	11605as			
1500	1530		UK, FEBA Radio	Bangla (rural)	9390as			
1500	1530		UK, FEBA Radio/R Sadaye Zindagi	Dari	9400as			
1500	1530		USA, BBG/R Free Europe/R Liberty	Kyrgyz	7485as	11790as		
1500	1530		USA, BBG/VO America	Burmese	9355as	11965as	12120as	
1500	1530		USA, BBG/VO America	Hausa	9780af	11750af	17680af	
1500	1530		USA, BBG/VO America	Uzbek	6100as	9570as	9585as	11640as
1500	1530		USA, BBG/VOA/R Ashna	Pashto	9335as	12140as	13830as	
1500	1530		Vietnam, VO Vietnam/Overseas Svc	English	7285as	9840as	12020as	
1500	1545		UK, BBC World Service	Urdu	7600as			
1500	1550		New Zealand, R New Zealand Intl	English	5950pa			
1500	1553		Philippines, R Veritas Asia	Filipino	15320as			
1500	1555		Saudi Arabia, BSKSA/External Svc	Turkmen	9885as			
1500	1555		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	13710af	17615af	
1500	1555		Tunisia, RTV/R Tunisia	Arabic	9665me	15200af		
1500	1555		Turkey, VO Turkey	Arabic	9665me	15200af		
1500	1556		Romania, R Romania Intl	Arabic	9655af	11620af	15280af	17540af
1500	1557		China, China R International	Bengali	9610as	9690as		
1500	1557		China, China R International	Chinese	5910as	7235as	7255as	9455as
					9560as	9590eu	9705eu	
1500	1557		China, China R International	English	5955as	6095eu	7325eu	7405as
					9435me	9525as	9650as	9720eu
					9785eu	9870na	13685af	13740eu
					17630af			
1500	1557		China, China R International	French	11920af	13670af		
1500	1557		China, China R International	Hindi	7225as	7235as		
1500	1557		China, China R International	Japanese	5980as	7220as		

1500	1557	China, China R International	Nepali	7215as	9535as		
1500	1557	China, China R International	Russian	5915as	5965as	5990as	6005eu
				6025eu	6105eu	6180eu	
1500	1557	China, China R International	Tamil	9730as	13600as		
1500	1557	China, China R International	Turkish	7230me	9565me		
1500	1557	China, China R International	Urdu	6075as	7285as		
1500	1557	China, China R International	Vietnamese	9550as			
1500	1557	Germany, Deutsche Welle	Swahili	7300af	9800af	12055af	12070af
1500	1557	Iran, VO Islamic Rep of Iran	Uzbek	5995as	7395as		
1500	1557	North Korea, VO Korea	Arabic	9990me	11545af		
1500	1557	North Korea, VO Korea	English	7570eu	9335na	11710na	12015eu
1500	1557	North Korea, VO Korea	Russian	6170eu	9325eu		
1500	1557	Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7216me	9550me		
1500	1600	Angola, R Nac de Angola/Canal A	Portuguese	4950do			
1500	1600	Angola, R Nac de Angola/Intl Svcnational languages		7217af			
1500	1600	Anguilla, University Network	English	11775na			
1500	1600	Australia, ABC/R Australia	English	5940as	5995pa	7240pa	9475as
				11660as			
1500	1600	Australia, NT VL8A Alice Springs	English	2310do			
1500	1600	Australia, NT VL8K Katherine	English	2485do			
1500	1600	Australia, Symban World R	Greek	2369do			
1500	1600	Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
1500	1600	Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as			
1500	1600	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu	7255eu		
1500	1600	Belarus, R Belarus	Russian	11730eu			
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	Spanish/Aymara/Quechua		6025do		
1500	1600	Bolivia, R Lipez	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 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	4878do			
1500	1600	Brazil, R Difusora/Londrina	Portuguese	4815do			
1500	1600	Brazil, R Difusora/Macapa	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	11915do			
1500	1600	Brazil, R Gazeta	Portuguese	5955do	9685do		
1500	1600	Brazil, R Guaiba	Portuguese	6000do	11785do		
1500	1600	Brazil, R Guaruja 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 Boa Vontade	Portuguese	6160do	9550do			
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	irreg	Cameroon, CRTV/R Buea	French/English/vernaculars		6005do			
1500	1600		Canada, CFRX Toronto ON	English	6070do				
1500	1600		Canada, CFVP Calgary AB	English	6030do				
1500	1600		Canada, CKZN St Johns NF	English	6160do				
1500	1600		Canada, CKZU Vancouver BC	English	6160do				
1500	1600	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1500	1600		China, Beibu Bay R	Chinese	5050do	9820do			
1500	1600		China, China Business R	Chinese	3985do	6040do	6065do	6090do	
					6155do	6190do	7245do	7315do	
					7335do	7370do	7375do	7425do	
					9620do	9755do	11740do		
1500	1600		China, China Huayi BC	Amoy/Chinese	6185do				
1500	1600		China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do		
1500	1600		China, China Natl R/CNR13	Uyghur	9420do	9890do			
1500	1600		China, Hunan PBS	Chinese	3900do				
1500	1600		China, Nei Menggu PBS	Chinese	7420do	9520do			
1500	1600		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
1500	1600		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
1500	1600		China, Qinghai PBS-1	Chinese	4750do	6145do			
1500	1600		China, VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do	11710do	
					12045do				
1500	1600		China, VO Minorities	Kazakh	5955do	6180do	7445do	9630do	
					9645do				
1500	1600		China, VO Pujiang	Wu	3280do	4950do	5075do	9705do	
1500	1600		China, VO Shenzhou	Amoy/Chinese	6165do	9170do			
1500	1600		China, VO the Strait	Chinese	4940do	9505do			
1500	1600		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
1500	1600		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
					7310do	7340do			
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		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do	11950do	
1500	1600		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do			
1500	1600		Clandestine, Denge Kurdistan	Kurdish	11510me				
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	7540as				
1500	1600		Clandestine, R Hargeysa/VO Somaliland	Somali	7120af				
1500	1600		Clandestine, Sound of Hope R Intl	Chinese	7630as	7970as	9450as	9970as	
					10960as	11760as	12230as	12670as	
					12800as	13270as	15940as		
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		Colombia, Salem Stereo	Spanish	14950do				
1500	1600		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1500	1600		Cuba, R Havana Cuba	Spanish	9540ca	11690	a	11750ca	
					11760am	11860na	13760na	15340na	
					15230sa	17580sa	17730sa		
1500	1600		Cuba, R Rebelde	Spanish	5025na				
1500	1600		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1500	1600		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1500	1600		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1500	1600		Ecuador, Centro R de Imbabura	Spanish	3380do				
1500	1600		Ecuador, R El Buen Pastor	Spanish/Quechua	4815do				
1500	1600		Egypt, R Cairo	Arabic	15800as	15080al	15770al		
1500	1600		Egypt, R Cairo	Pashto	15545as				
1500	1600		Egypt, R Cairo	Uzbek	15160as				
1500	1600	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1500	1600		Eq Guinea, Pan Am BC/R Africa	English	15190af				
1500	1600		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1500	1600		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
1500	1600		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
1500	1600		Ethiopia, Amhara State Regional R	Amharic	6090do				
1500	1600		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		

1500	1600		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do			
1500	1600		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1500	1600	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
1500	1600	DRM	France, R France International	French	3965eu			
1500	1600		France, R France International	Swahili	15360af			
1500	1600		France, R France International	Vietnamese	9565as			
1500	1600		Gabon, Africa No. 1	French	9580af			
1500	1600	wa	Germany, Hamburger Lokalradio	German	7265eu			
1500	1600	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1500	1600		Germany, R 6150	English	6070eu			
1500	1600		Germany, R 700	German/various	3955eu	6005eu	6085eu	
1500	1600		Greece, R Stathmos Makedonias	Greek	9935va			
1500	1600		Greece, Voice of Greece	Greek	15630va			
1500	1600		Guatemala, R Verdad	English/Spanish	4055do			
1500	1600	irreg	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, AIR/Aizawl	Hindi/English/vernaculars	7295do			
1500	1600		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu	4810do			
1500	1600		India, AIR/Chennai	Hindi/English/Tamil	4920do			
1500	1600		India, AIR/External Svc	Baluchi	6165as	7340as	9620as	
1500	1600		India, AIR/External Svc	Urdu	3945as	6045as		
1500	1600		India, AIR/Gangkok	Hindi/English/vernaculars	4835do			
1500	1600		India, AIR/Guwahati	Assamese/Hindi/vernaculars	4940do			
1500	1600		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu	4800do			
1500	1600		India, AIR/Imphal	Hindi/English/vernaculars	4775do			
1500	1600		India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do			
1500	1600		India, AIR/Jaipur	Hindi/English/vernaculars	4910do			
1500	1600		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit	5040do			
1500	1600		India, AIR/Kohima	Hindi/English/vernaculars	4850do			
1500	1600		India, AIR/Kolkata	Bengali/Hindi/Santhani	4820do			
1500	1600		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
1500	1600		India, AIR/Leh	Hindi/English/vernaculars	4660do			
1500	1600		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1500	1600		India, AIR/Mumbai	Hindi/English/Marathi	4840do			
1500	1600		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1500	1600		India, AIR/Port Blair	Hindi/English/Nicobarese	4760do			
1500	1600		India, AIR/Shillong	Hindi/Mizo/Meghalaya	4970do			
1500	1600		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
1500	1600		India, AIR/Srinagar	Hindi/English/vernaculars	4950do			
1500	1600		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil	5010do			
1500	1600		India, AIR/Vivdh Bharati	Hindi	9870do			
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		Indonesia, VO Indonesia	Chinese	9526as			
1500	1600		Iran, VO Islamic Rep of Iran	Arabic	9515as	17550as		
1500	1600		Iran, VO Islamic Rep of Iran	Azeri	12015as			
1500	1600		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)	5920as			
1500	1600		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1500	1600		Israel, Kol Israel	Farsi	9985as	11595as		
1500	1600		Japan, R Japan/NHK World	Japanese	9750as	12045as	17735va	
1500	1600		Kuwait, R Kuwait/General Svc	Arabic	9750af	15515as	21540eu	
1500	1600		Kuwait, R Kuwait/Holy Qur'an Svc	Arabic	11630af			
1500	1600	irreg	Libya, R Libya	Arabic	11600af			
1500	1600		Madagascar, R Natl Malagasy	French/Malagasy	5010do			
1500	1600		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
1500	1600		Malaysia, RTM Kajang/Traxx FM	English	7295do			
1500	1600		Malaysia, RTM Salam FM	Malay/minority languages	6050do			
1500	1600		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
1500	1600		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
1500	1600		Mali, ORTM/R Mali	Arabic/Bambara/English/French	9635do			
1500	1600		Mauritania, R Mauritanie	Arabic/French/vernaculars	4845do			
1500	1600		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
1500	1600		Nepal, R Nepal	Nepali	5005do			
1500	1600	mtwhf	Netherlands, Transport R	Dutch	6095eu			
1500	1600		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars	9705do			
1500	1600		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do			
1500	1600	mtwhf	Nigeria, VO Nigeria	English	15120af			
1500	1600		Oman, R Sultanate of Oman	Arabic	15560af	15595af		
1500	1600		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		
1500	1600		Pakistan, R Pakistan External Svc	Dari	5080as			
1500	1600		Palau, T8WH/World Harvest R	English	15680as			
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	4800al			
1500	1600		Peru, R Horizonte	Spanish	5020do				
1500	1600		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1500	1600		Peru, R Union	Spanish	6115do				
1500	1600		Peru, R Victoria	Spanish	6020do	9722do			
1500	1600		Peru, R Vision	Spanish	4790do				
1500	1600		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1500	1600		Philippines, FEBC Philippines	Chinese	9345as	9430as			
1500	1600		Philippines, FEBC Philippines	Russian	11650as				
1500	1600		Russia, VO Russia	English	4960va	5900as	11985me		
1500	1600		Russia, VO Russia	Farsi	6235me				
1500	1600	DRM	Russia, VO Russia	Hindi	7315as				
1500	1600		Russia, VO Russia	Hindi	5885as				
1500	1600		Russia, VO Russia	Russian	9625eu	12055as			
1500	1600		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do				
1500	1600		Saudi Arabia, BSKSA/Call of Islam	Arabic	15225af	15435va			
1500	1600		Saudi Arabia, BSKSA/European Pgm	French	17660af				
1500	1600		Saudi Arabia, BSKSA/External Svc	Persian	7240me				
1500	1600		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
1500	1600		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1500	1600	mtwhf	South Africa, Channel Africa	English	9625af				
1500	1600	mtwhf	South Africa, Channel Africa	Swahili	17770af				
1500	1600		South Africa, R Sonder Grense	Afrikaans	9650do				
1500	1600		South Korea, KBS World R	Vietnamese	9640as				
1500	1600		Spain, R Exterior de Espana	Spanish	21610me				
1500	1600	mtwhfa	Spain, R Exterior de Espana	Spanish	15385af	17175sa			
1500	1600	Sat	Spain, R Exterior de Espana	Spanish	17755af				
1500	1600	Sun	Spain, R Exterior de Espana	Spanish	9765ca	15125sa			
1500	1600	Sat/Sun	Spain, R Exterior de Espana	Spanish	15585eu				
1500	1600		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1500	1600		Taiwan, R Taiwan Intl	Cantonese	7380as				
1500	1600		Taiwan, R Taiwan Intl	Chinese	7365as	7380as			
1500	1600		Taiwan, R Taiwan Intl	Thai	7555as	11635as			
1500	1600		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1500	1600		Tajikistan, VO Tajik	Tajik	7245as				
1500	1600	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1500	1600		Uganda, Dunamis SW	English/ethnics	4750do				
1500	1600		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1500	1600		UK, BBC World Service	English	5845as	5875as	5975as	6190af	
					6195as	9410as	9490af	9740as	
					9505af	11760eu	12095af	15400af	
					17640af	17830af	21470af		
1500	1600	Sat	UK, BBC World Service	Hausa	17780af				
1500	1600		UK, BBC World Service	Pashto	7360as	9810as	15710as		
1500	1600	Sat	UK, BBC World Service	Somali	15510af				
1500	1600		UK, BBC World Service	Urdu	6175as	9920as	12065as		
1500	1600		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1500	1600		USA, BBG/R Free Asia	Korean	5855as	7210as	11585as		
1500	1600		USA, BBG/R Free Asia	Mandarin	6025as	7445as	9605as	9790as	
					9905as	11945as	13725as		
1500	1600		USA, BBG/R Free Asia	Tibetan	5825as	9955as	11905as	12085as	
1500	1600		USA, BBG/R Free Europe/R Liberty	Belarusian	6120eu	11890eu			
1500	1600		USA, BBG/R Free Europe/R Liberty	Russian	9840eu	11850eu	11995eu		
1500	1600		USA, BBG/R Free Europe/R Liberty	Tajik	7465as	11975as			
1500	1600		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	9445as	11870as			
1500	1600		USA, BBG/R Free Europe/R Liberty	Turkmen	6060as	12025as			
1500	1600		USA, BBG/R Marti	Spanish	11930ca	13820ca	15330ca		
1500	1600		USA, BBG/RFE/RL/R Farda	Farsi	12005as	13615as	13680as	15410as	
					15690as				
1500	1600		USA, BBG/VO America	English	4930af	6080af	7520va	9930va	
					11840va	12150va	13570va	17725af	
					17895af				
1500	1600		USA, BBG/VO America	Special English	7575va	9760va	9945va		
1500	1600		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9370as	11825as	
1500	1600		USA, KJES Vado NM	English	11715na				
1500	1600		USA, KJES Vado NM	Spanish	11715na				
1500	1600		USA, KNLS Anchor Point AK	Chinese	9655as				

1500	1600		USA, KNLS Anchor Point AK	Russian	9680as			
1500	1600	mtwhf	USA, Overcomer Ministry	English	9980na	13570ca	13810me	
1500	1600	Sat	USA, Overcomer Ministry	English	15420na			
1500	1600		USA, WBCQ Monticello ME	English	9330na			
1500	1600	Sat	USA, WBCQ Monticello ME	English	15420na			
1500	1600		USA, WEWN/EWTN Irondale AL	English	15610eu			
1500	1600		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	12050ca		
1500	1600	Sat	USA, WHRI Cypress Creek SC	English	21630af			
1500	1600	Sun	USA, WHRI Cypress Creek SC	English	17570eu			
1500	1600	Sat/Sun	USA, WHRI Cypress Creek SC	English	9840na			
1500	1600	Sun	USA, WINB Red Lion PA	English	13570ca			
1500	1600		USA, WJHR Intl Milton FL	English	15550	lsb		
1500	1600	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1500	1600		USA, WRNO New Orleans LA	English	7505na			
1500	1600	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu			
1500	1600		USA, WTWW Lebanon TN	English	9479na			
1500	1600		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu
1500	1600		USA, WWRB Manchester TN	English	9370na			
1500	1600		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me			
1500	1600		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1500	1600	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1510	1530		Clandestine, R Sedayee Kashmir	Dogri	4870as			
1510	1530		Vatican City State, Vatican R	Malayalam	7585as	15595as		
1510	1555		Swaziland, TWR Africa	Lomwe	7315af			
1515	1530	Sat	Canada, Bible Voice Broadcasting	English	13740as			
1515	1530	f	Canada, Bible Voice Broadcasting	Punjabi	13740as			
1515	1530	fas	India, Athmik Yatra R	Bhatri	15235as			
1515	1530	wh	India, Athmik Yatra R	Mundari	15235as			
1515	1530	mt	India, Athmik Yatra R	Tamang	15235as			
1515	1530	wh	India, TWR India	Dhodia	5930as			
1515	1530	t	India, TWR India	Mouchi	5930as			
1515	1545		Bangladesh, Bangladesh Betar/Ext Svc	Hindi	15505as			
1515	1545	Sat/Sun	India, TWR India	Punjabi	7505as			
1515	1600		India, AIR/External Svc	Gujarati	11620af	13640af	15175af	
1515	1600		India, AIR/External Svc	Swahili	9950af	13605af	17670af	
1515	1600	mtwhf	India, TWR India	Punjabi	7505as			
1515	1600		Japan, R Japan/NHK World	Urdu	13870as			
1520	1540		USA, BBG/R Free Europe/R Liberty	Belarusian	11775eu	13775eu		
1525	1555	Sat/Sun	Swaziland, TWR Africa	English	6025af			
1525	1555	mtwhf	Swaziland, TWR Africa	Ndebele	6025af			
1525	1600		Russia, R Rossii	Russian	5905eu			
1530	1545		Armenia, Public R of Armenia	Assyrian	4810me			
1530	1545		India, AIR/External Svc	English	9910as			
1530	1545	mt	India, Athmik Yatra R	Chhattisgari	15150as			
1530	1545	whf	India, Athmik Yatra R	Maithili	15150as			
1530	1545	Sat/Sun	India, Athmik Yatra R	Sindhi	15150as			
1530	1549	smtwhf	Vatican City State, Vatican R	English	7485as			
1530	1550	smtwhf	Vatican City State, Vatican R	English	15595as			
1530	1550	smtwhf/DRM	Vatican City State, Vatican R	English	15775as			
1530	1556		Romania, R Romania Intl	Aromanian	6060eu			
1530	1557		China, China R International	Pashto	6165as	7435as	9620as	
1530	1600		Afghanistan, R Afghanistan	English	7200as			
1530	1600		Australia, ABC/R Australia	English	11880pa			
1530	1600	DRM	Belgium, The Disco Palace	English	12115as			
1530	1600	h	Canada, Bible Voice Broadcasting	English	13740as			
1530	1600		Canada, Bible Voice Broadcasting	Farsi	9925as			
1530	1600	wh	Canada, Bible Voice Broadcasting	Urdu	13740as			
1530	1600		Clandestine, Furusato no Kaze	Korean	9965as			
1530	1600		Clandestine, Nippon no Kaze	Korean	9965as			
1530	1600		Clandestine, R Dabanga	Arabic (Darfuri)	13800af	15535af		
1530	1600	tha	Clandestine, VO Democratic Alliance	Afar	7235af	9558af		
1530	1600	mwf	Clandestine, VO Democratic Alliance	Kunama	7235af	9558af		
1530	1600	Sun	Clandestine, VO Democratic Alliance	Tigrinya	7235af	9558af		
1530	1600	irreg/Sat	Clandestine, VO the Tigers R	Tamil	11550as			
1530	1600		Clandestine, VO Tibet	Tibetan	15485as			
1530	1600	Sat	Ecuador, HCJB/LV de los Andes	Russian	13740eu			
1530	1600		Egypt, R Cairo	Swahili	17810af			
1530	1600		Ethiopia, R Oromiya	Oromo	6030do			
1530	1600	Sat	Germany, HCJB Global Voice	Russian	13740as			
1530	1600		Indonesia, AWR Asia/Pacific	Hindi	15605as			
1530	1600		Indonesia, AWR Asia/Pacific	Kannada	11690as			
1530	1600		Indonesia, AWR Asia/Pacific	Malayalam	15640as			
1530	1600		Indonesia, AWR Asia/Pacific	Marathi	15330as			

1530	1600		Iran, VO Islamic Rep of Iran	English	13785va	15525va		
1530	1600		Iran, VO Islamic Rep of Iran	Kazakh	7380as	9850as		
1530	1600		Iran, VO Islamic Rep of Iran/Mashad Prg	Urdu	5940as			
1530	1600		Laos, LNR Natl Svc/Vientane	Khmer	6130do			
1530	1600		Mongolia, Voice of Mongolia	English	12015as			
1530	1600		Myanmar, Myanma R	English	5985do			
1530	1600		Serbia, International R Serbia	Arabic	9635eu			
1530	1600	smtwa	Sri Lanka, AWR Asia	English	15255as			
1530	1600		Sri Lanka, AWR Asia	Hindi	15270as			
1530	1600	hf	Sri Lanka, AWR Asia	Tibetan	15255as			
1530	1600		Taiwan, R Taiwan Intl	Hakka	11605as			
1530	1600		UK, FEBA Radio	Pashto	9400as			
1530	1600		USA, BBG/VOA/R Ashna	Dari	9770as	9975as	12140as	
1530	1600	Sat	Vatican City State, Vatican R	English (Mass)	7585as	15595as		
1530	1600	Sat	Vatican City State, Vatican R	English (Mass)	15775as			
1530	1600		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
1540	1600		USA, BBG/R Free Europe/R Liberty	Chechen	11775eu	13775eu		
1545	1600	whf	India, Athmik Yatra R	Bagheli	15150as			
1545	1600	mt	India, Athmik Yatra R	Bundelkhandi	15150as			
1545	1600	Sat	India, Athmik Yatra R	Dari	15150as			
1545	1600	Sun	India, Athmik Yatra R	Pashto	15150as			
1545	1600	Sun	Swaziland, TWR Africa	Shangaan	4760af			
1545	1600		UK, BBC World Service	Tamil	6135as	7600as	9855as	11965as
1551	1600		New Zealand, R New Zealand Intl	English	9765pa			
1551	1600	DRM	New Zealand, R New Zealand Intl	English	7285pa			
1555	1600		Swaziland, TWR Africa	Shona	6025af			
1557	1600	mtwhf	Swaziland, TWR Africa	Kirundi	15105af			

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

1600	1605		China, China Business R	Chinese	3985do	6040do	6065do	6090do
					6155do	6190do	7315do	7335do
					7370do	7425do	9620do	9755do
					11740do			
1600	1605		China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do
					7350do	7360do	9480do	
					7420do	9520do		
1600	1605		China, Nei Menggu PBS	Chinese	6040do		9750do	
1600	1605		China, Nei Menggu PBS	Mongolian	6040do			
1600	1605		China, VO Shenzhou	Amoy/Chinese	6165do	9170do		
1600	1605		China, Xizang PBS	Chinese	6145do	9780do		
1600	1610		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1600	1614	Sat	Vatican City State, Vatican R	Swahili	13765af	15570af		
1600	1615	whfs	Canada, Bible Voice Broadcasting	Farsi	9665as			
1600	1615		Germany, R Dardasha 7	Farsi	9665as			
1600	1615		Germany, TWR Europe	Pashto	7285eu			
1600	1615		India, AIR/External Svc	Swahili	9950af	13605af	17670af	
1600	1615	mtw	India, Athmik Yatra R	Awadhi	15150as			
1600	1615	Sat	India, Athmik Yatra R	Dari	15150as			
1600	1615	Sun	India, Athmik Yatra R	Pashto	15150as			
1600	1615	wh	India, Athmik Yatra R	Sadri	15150as			
1600	1615		India, TWR India	Pashto	7285as			
1600	1615	mtwhf	India, TWR India	Punjabi	7505as			
1600	1615	Sun	Swaziland, TWR Africa	Shangaan	4760af			
1600	1625		Swaziland, TWR Africa	Shona	6025af			
1600	1625		Turkey, VO Turkey	Dari	11680as			
1600	1626		Romania, R Romania Intl	Ukranian	5960eu			
1600	1627		Iran, VO Islamic Rep of Iran	Arabic	17550as			
1600	1627		Iran, VO Islamic Rep of Iran	English	13785va	15525va		
1600	1627		Iran, VO Islamic Rep of Iran	Kazakh	7380as	9850as		
1600	1627		Iran, VO Islamic Rep of Iran	Kurdish (Kirmanji dialect)		5920as		
1600	1627	mtwhf	Swaziland, TWR Africa	Kirundi	15105af			
1600	1627		UK, FEBA Radio	Ethiopian	11875af			
1600	16288	smtwhf	Vatican City State, Vatican R	Swahili	13765af	15570af		
1600	1630		Afghanistan, R Afghanistan	Urdu	7200as			
1600	1630		Australia, ABC/R Australia	English	9580as			
1600	1630		Austria, AWR Europe	Urdu	15250as			
1600	1630		Bangladesh, Bangladesh Betar/Ext Svc	Arabic	7250me			
1600	1630	DRM	Belgium, The Disco Palace	English	12115as			
1600	1630	mhfs	Canada, Bible Voice Broadcasting	Oromo	15335af			
1600	1630		Clandestine, Furusato no Kaze	Japanese	9780as			
1600	1630		Clandestine, R Dabanga	Arabic (Darfuri)	13800af	15535af		
1600	1630	mf	Clandestine, R Xoriyo	Somali	17870af			
1600	1630	ta	Clandestine, R Xoriyo	Somali	17630af			
1600	1630	ta	Clandestine, R Xoriyo	Somali	17630af	17870as		
1600	1630	Sun	Clandestine, VO Oromo Liberation Front	Oromo	15315af			
1600	1630	tf	Clandestine, VO Orthodox	Russian	7515as			
1600	1630		Clandestine, VO People	English/Shona/Ndebele		9445af		
1600	1630	irreg/Sat	Clandestine, VO the Tigers R	Tamil	11550as			
1600	1630	Sun	Cuba, R Havana Cuba	Esperanto	11760am			

1600	1630	Sat	Ecuador, HCJB/LV de los Andes	Russian	13740eu				
1600	1630		France, R France International	Russian	11670eu	13650eu			
1600	1630		Germany, AWR Europe	Bulgarian	6100eu				
1600	1630	Sat	Germany, Evangelische Missions-Gemeiden	Russian	9605eu				
1600	1630		Germany, HCJB Global Voice	Russian	13740as				
1600	1630		India, AIR/Aizawl	Hindi/English/vernaculars		7295do			
1600	1630		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do			
1600	1630		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do			
1600	1630		Indonesia, AWR Asia/Pacific	English	15215as	15660as			
1600	1630		Indonesia, AWR Asia/Pacific	Urdu	15605as				
1600	1630	smtwh	Israel, Kol Israel	Farsi	9985as	11595as			
1600	1630		Japan, R Japan/NHK World	Chinese	9655as				
1600	1630		Kyrgyzstan, Kyrgyz Radiosu	Russian	4795do				
1600	1630		Myanmar, Myanma R	English	5985do				
1600	1630	mtwhf	Nigeria, VO Nigeria	Swahili	11770af				
1600	1630		Pakistan, R Pakistan External Svc	Dari	5080as				
1600	1630		Serbia, International R Serbia	Russian	9635eu				
1600	1630	Sat	Swaziland, TWR Africa	Shangaan	4760af				
1600	1630	mtwhf	Swaziland, TWR Africa	Tshwa	4760as				
1600	1630		UK, BBC World Service	Hindi	5865as	9790as	11750as	13695as	
1600	1630		UK, FEBA Radio	Afar	11875af				
1600	1630	hfas	UK, FEBA Radio	Amharic	12125af				
1600	1630	mtw	UK, FEBA Radio	Guaragena	12125af				
1600	1630	Sat/Sun	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	9760eu				
1600	1630		USA, BBG/RFE/RL/R Farda	Farsi	7580as	12005as	13615as	13680as	
					15690as				
1600	1630		USA, BBG/VO America	Burmese	9355as	11560as			
1600	1630	Sat	USA, BBG/VO America	Kinyarwanda/Kirundi	12080af	13740af	15460af		
1600	1630	Sat/Sun	USA, BBG/VO America	Somali	13580af	15620af			
1600	1630		USA, BBG/VOA/R Ashna	Dari	9770as	9975as	12140as		
1600	1630	Sun	USA, WINB Red Lion PA	English	13570ca				
1600	1650		Greece, R Stathmos Makedonias	Greek	9935va				
1600	1650	DRM	New Zealand, R New Zealand Intl	English	7285pa				
1600	1650		New Zealand, R New Zealand Intl	English	9765pa				
1600	1655		Saudi Arabia, BSKSA/Call of Islam	Arabic	15225af	15435va			
1600	1655		Saudi Arabia, BSKSA/External Svc	Uzbek	9885as				
1600	1655		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11785me	13710af	15205va	17560af	
1600	1655		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	11855me				
1600	1655	Sat/Sun	Spain, R Exterior de Espana	Spanish	15585eu				
1600	1655		Turkey, VO Turkey	Farsi	9530as				
1600	1656		Romania, R Romania Intl	Romanian	9655eu	11870eu			
1600	1656	DRM	Romania, R Romania Intl	Russian	7300eu				
1600	1656		Romania, R Romania Intl	Russian	9810eu				
1600	1657		China, China R International	Arabic	7300af	9555af	11725me	15125va	
					17880va				
1600	1657		China, China R International	English	6060as	6155as	7235af	7255af	
					7420af	7435eu	9435eu	9460eu	
					9570eu	9600eu	9875as		
1600	1657		China, China R International	Hakka	6090af	7325af			
1600	1657		China, China R International	Hindi	5915as	7395as			
1600	1657		China, China R International	Russian	6040as	7215as	7265as		
1600	1657		China, China R International	Swahili	5985af	7320af			
1600	1657		China, China R International	Turkish	6165me	7325me			
1600	1657		China, China R International	Vietnamese	6010as	7360as			
1600	1657		Germany, Deutsche Welle	Amharic	9800af	12070af	15275af		
1600	1657		Iran, VO Islamic Rep of Iran	Azeri	12015as				
1600	1657		North Korea, VO Korea	English	9990va	1154va			
1600	1657		North Korea, VO Korea	French	7570eu	9335na	11710na	12015eu	
1600	1657		North Korea, VO Korea	German	6170eu	9325eu			
1600	1657		Vietnam, VO Vietnam/Overseas Svc	English	7216me	7280eu	9550me	9730eu	
1600	1658		Taiwan, R Taiwan Intl	English	9440as	15485as			
1600	1700		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1600	1700		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1600	1700		Anguilla, University Network	English	11775na				
1600	1700		Australia, ABC/R Australia	English	5940as	5995pa	7240pa	9475as	
					11660pa	11880pa			
1600	1700		Australia, NT VL8A Alice Springs	English	2310do				
1600	1700		Australia, NT VL8K Katherine	English	2485do				
1600	1700		Australia, Symban World R	Greek	2369do				
1600	1700		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1600	1700		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	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	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 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	4878do			
1600	1700	Brazil, R Difusora/Londrina	Portuguese	4815do			
1600	1700	Brazil, R Difusora/Macapá	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	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 Boa Vontade	Portuguese	6160do	9550do		
1600	1700	Brazil, Super R Deus e Amor/Rio de Janeiro	Portuguese	11805do			
1600	1700	irreg Cameroon, CRTV/R Buea	French/English/vernaculars		6005do		
1600	1700	Canada, CFRX Toronto ON	English	6070do			
1600	1700	Canada, CFVP Calgary AB	English	6030do			
1600	1700	Canada, CKZN St Johns NF	English	6160do			
1600	1700	Canada, CKZU Vancouver BC	English	6160do			
1600	1700	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		
1600	1700	China, China Natl R/CNR13	Uyghur	9420do	9890do		
1600	1700	China, China R International	French	7350eu			
1600	1700	China, China R International	German	5970eu	7380eu		
1600	1700	China, Hunan PBS	Chinese	3900do			
1600	1700	China, VO China	Chinese	4750do	4800do	6000do	6030do
				6080do	6125do	6145do	6175do
				7215do	7230do	7275do	7290do
				7345do	7365do	9500do	9710do
				9830do	9845do	9860do	11710do
				12045do			
1600	1700	China, VO Minorities	Kazakh	5955do	6180do	7445do	9630do
				9645do			
1600	1700	China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do
1600	1700	China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do
				7310do	7340do		
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	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
				7240do	9780do	11860do	11950do
1600	1700	China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
				6130do	7385do		
1600	1700	Clandestine, Denge Kurdistane	Kurdish	11510me			

1600	1700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1600	1700		Clandestine, EDC Sudan R Svc/Darfur Pgm	Arabic	17745af				
1600	1700		Clandestine, North Korea Reform R	Korean	7590as				
1600	1700		Clandestine, R Dialogue	English/Ndebele/Shona		12105af			
1600	1700		Clandestine, R Hargeysa/VO Somaliland	Somali	7120af				
1600	1700		Clandestine, R Oeomrang	German	15215va				
1600	1700		Clandestine, Sound of Hope R Intl	Chinese	7630as	7970as	9450as	9970as	
					10960as	11765as	12230as	12670as	
					12800as	13270as	15940as		
1600	1700		Clandestine, VO Martyrs (Freedom)	Korean	7515as				
1600	1700		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
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		Colombia, Salem Stereo	Spanish	14950do				
1600	1700		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1600	1700	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	13690ca	15340ca	
					15370sa	17750sa			
1600	1700		Cuba, R Rebelde	Spanish	5025na				
1600	1700		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1600	1700		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1600	1700		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1600	1700		Ecuador, Centro R de Imbabura	Spanish	3380do				
1600	1700		Egypt, R Cairo	Bosnian/Serbo Croatian		13680eu			
1600	1700		Egypt, R Cairo	English	15345af				
1600	1700		Egypt, R Cairo	Swahili	17810af				
1600	1700		Egypt, R Cairo	Urdu	17585as				
1600	1700	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1600	1700		Eqt Guinea, Pan Am BC/R Africa	English	15190af				
1600	1700		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1600	1700		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
1600	1700		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
1600	1700		Ethiopia, Amhara State Regional R	Amharic	6090do				
1600	1700		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1600	1700		Ethiopia, R Ethiopia/External Svc	English	7235af	9558af			
1600	1700		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do			
1600	1700		Ethiopia, R Oromiya	Oromo	6030do				
1600	1700		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
1600	1700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1600	1700	DRM	France, R France International	French	3965eu				
1600	1700		France, R France International	Hausa	17615af				
1600	1700		Gabon, Africa No. 1	French	9580af				
1600	1700	wa	Germany, Hamburger Lokalradio	English	7265eu				
1600	1700	DRM	Germany, Mighty KBC Radio	English	9755eu				
1600	1700		Germany, R 6150	English	6070eu				
1600	1700		Germany, R 700	German/various	3955eu	6005eu			
1600	1700		Greece, Voice of Greece	Greek	15630va				
1600	1700		Guatemala, R Verdad	English/Spanish	4055do				
1600	1700	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
1600	1700		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
1600	1700		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do			
1600	1700		India, AIR/Chennai	Hindi/English/Tamil	4920do				
1600	1700		India, AIR/External Svc	Bengali	7420as				
1600	1700		India, AIR/External Svc	Urdu	3945as	6045as	6155as		
1600	1700		India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do			
1600	1700		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			
1600	1700		India, AIR/Imphal	Hindi/English/vernaculars		4775do			
1600	1700		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
1600	1700		India, AIR/Jeypore	Hindi/English/Odia/Sanskrit		5040do			
1600	1700		India, AIR/Kohima	Hindi/English/vernaculars		4850do			
1600	1700		India, AIR/Kolkata	Bengali/Hindi/Santhoni		4820do			
1600	1700		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
1600	1700		India, AIR/Leh	Hindi/English/vernaculars		4660do			
1600	1700		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
1600	1700		India, AIR/Mumbai	Hindi/English/Marathi	4840do				
1600	1700		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
1600	1700		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do			
1600	1700		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do				
1600	1700		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
1600	1700		India, AIR/Thiruvananthapuram	Hindi/English/Sanskrit/Tamil		5010do			
1600	1700		India, AIR/Vivdh Bharati	Hindi	9870do				
1600	1700		Indonesia, RRI Pontianak	Indonesian	3976do				
1600	1700		Indonesia, VO Indonesia	Arabic	9526va				
1600	1700		Iran, VO Islamic Rep of Iran	Arabic	9515as				
1600	1700		Iran, VO Islamic Rep of Iran	Tajik	5995as	7435as			
1600	1700		Iran, VO Islamic Rep of Iran	Turkish	6175as	7315as			
1600	1700		Iran, VO Islamic Rep of Iran/Mashad Prg	Urdu	5940as				
1600	1700		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1600	1700		Japan, R Japan/NHK World	Japanese	9750as	12045as	17735va		

1600	1700		Kuwait, R Kuwait/General Svc	Arabic	6050me	21540eu			
1600	1700		Kuwait, R Kuwait/General Svc	Urdu	15540as				
1600	1700	irreg	Libya, R Libya	Arabic	11600af				
1600	1700		Madagascar, R Natl Malagasy	French/Malagasy	5010do				
1600	1700		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1600	1700		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1600	1700		Malaysia, RTM Salam FM	Malay/minority languages		6050do			
1600	1700		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do				
1600	1700		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do			
1600	1700		Mauritania, R Mauritania	Arabic/French/vernaculars		4845do			
1600	1700		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
1600	1700		Nepal, R Nepal	Nepali	5005do				
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	15595af				
1600	1700		Pakistan, R Pakistan External Svc	Urdu	9560me	11570me			
1600	1700		Palau, T8WH/World Harvest R	English	15680as				
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	4800al			
1600	1700		Peru, R Horizonte	Spanish	5020do				
1600	1700		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1600	1700		Peru, R Union	Spanish	6115do				
1600	1700		Peru, R Victoria	Spanish	6020do	9722do			
1600	1700		Peru, R Vision	Spanish	4790do				
1600	1700		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1600	1700		Philippines, FEBC Philippines	Chinese	9430as				
1600	1700		Russia, R Rossii	Russian	5905eu				
1600	1700		Russia, VO Russia	Arabic	9340va				
1600	1700		Russia, VO Russia	English	4960va	5885as	5900as	5995as	
					7390as				
1600	1700		Russia, VO Russia	Farsi	6235me				
1600	1700		Russia, VO Russia	French	9400af	11985af			
1600	1700		Russia, VO Russia	Russian	6110eu				
1600	1700		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1600	1700		Saudi Arabia, BSKSA/External Svc	Persian	7240me				
1600	1700		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1600	1700	mtwhf	South Africa, Channel Africa	French	15235af				
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		Spain, R Exterior de Espana	Spanish	15585eu	21610me			
1600	1700	mtwhf	Spain, R Exterior de Espana	Spanish	15385af	17715sa			
1600	1700	Sat	Spain, R Exterior de Espana	Spanish	9765ca	15125sa			
1600	1700	Sun	Spain, R Exterior de Espana	Spanish	9765ca	15125sa	17755af		
1600	1700		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1600	1700		Syria, R Damascus	Turkish	9330eu				
1600	1700		Taiwan, R Taiwan Intl	Chinese	7365as				
1600	1700		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1600	1700		Tajikistan, VO Tajik	Farsi	7245me				
1600	1700	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1600	1700		Tunisia, RTV/R Tunisia	Arabic	7225af	12005va	17735va		
1600	1700		Uganda, Dunamis SW	English/ethnics	4750do				
1600	1700		Uganda, UBC Radio	English/Swahili/vernaculars		4976do			
1600	1700		UK, BBC World Service	English	3255af	5845as	5975as	6190af	
					9410va	9505as	9915eu	12095af	
					15400af	17640af	17830af	21470af	
					21660af				
1600	1700		UK, BBC World Service	Farsi	5875as	6155as			
1600	1700	Sat	UK, BBC World Service	Hausa	17780af				
1600	1700	Sat	UK, BBC World Service	Somali	15510af				
1600	1700		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1600	1700		USA, BBG/R Free Asia	Korean	5855as	7210as	11585as		
1600	1700		USA, BBG/R Free Asia	Mandarin	6020as	7415as	7445as	9455as	
					9605as	9905as	11945as	13725as	
1600	1700		USA, BBG/R Free Asia	Uyghur	5810as	7310as	9725as	12035as	
1600	1700		USA, BBG/R Free Europe/R Liberty	Azeri	7480va	11610va			
1600	1700		USA, BBG/R Free Europe/R Liberty	Belarusian	6120eu	11890eu			
1600	1700		USA, BBG/R Free Europe/R Liberty	Russian	9840eu	11850eu	12060eu		
1600	1700		USA, BBG/R Free Europe/R Liberty	Tajik	9445as	9695as			

1600	1700		USA, BBG/R Free Europe/R Liberty	Turkmen	5820as	7225as			
1600	1700		USA, BBG/R Free Europe/R Liberty	Uzbek	7550as	9540as			
1600	1700		USA, BBG/R Marti	Spanish	11930cca	13820cca	15330cca		
1600	1700		USA, BBG/VO America	Bengali	7405as	9490as			
1600	1700		USA, BBG/VO America	English	4930af	6080af	15580af	17895af	
1600	1700		USA, BBG/VO America	Georgian	11775eu	11840eu			
1600	1700		USA, BBG/VO America	Special English	9395va	13570af	15470va		
1600	1700		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9310as	9370as	
1600	1700		USA, KNLS Anchor Point AK	Chinese	7355as				
1600	1700		USA, KNLS Anchor Point AK	Russian	6190as				
1600	1700	mtwhf	USA, Overcomer Ministry	English	9980na				
1600	1700		USA, Overcomer Ministry	English	9370va				
1600	1700		USA, WBCQ Monticello ME	English	9330na				
1600	1700	Sat	USA, WBCQ Monticello ME	English	15420na				
1600	1700		USA, WEWN/EWTN Irondale AL	English	15610eu				
1600	1700		USA, WEWN/EWTN Irondale AL	Spanish	11550cca	12050cca			
1600	1700		USA, WHRI Cypress Creek SC	English	9840na	21630af			
1600	1700		USA, WJHR Intl Milton FL	English	15550	lsb			
1600	1700	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1600	1700		USA, WRNO New Orleans LA	English	7505na				
1600	1700	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu				
1600	1700		USA, WTWW Lebanon TN	English	9479na				
1600	1700		USA, WWCR Nashville TN	English	9980cca	12160af	13845na	15825eu	
1600	1700		USA, WWRB Manchester TN	English	9370na				
1600	1700		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
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	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
1600	1700		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1600	1700	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do			
1600	1700	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
1615	1630	Sat	Germany, TWR Europe	Dari	7285eu				
1615	1630	mtwhf	Germany, TWR Europe	Pashto	7285as				
1615	1630		India, Athmik Yatra R	Hindi	15150as				
1615	1630	Sat	India, TWR India	Dari	7285as				
1615	1630	mtwhf	India, TWR India	Pashto	7285as				
1615	1645	Sun	Swaziland, TWR Africa	Tshwa	4760af				
1615	1700		India, AIR/External Svc	Farsi	9620as	11710as	13640as		
1615	1700		India, AIR/External Svc	Hindi	7250af	9445af	9950af	12025me	
					13605me	17670af			
1615	1700		India, AIR/External Svc	Russian	9595eu				
1615	1700	DRM	India, AIR/External Svc	Russian	15140eu				
1615	1700		Pakistan, Azad Kashmir R	Urdu	3975do	4790do			
1629	1659	Sat	Germany, TWR Europe	Polish	6105eu				
1630	1645	Sun	Canada, Bible Voice Broadcasting	Tamil	15215as				
1630	1645	mt	Swaziland, TWR Africa	Amharic	9500af				
1630	1645	fa	Swaziland, TWR Africa	Kambaata	9500af				
1630	1645	mh	Swaziland, TWR Africa	Portuguese	4760af				
1630	1645	twfa	Swaziland, TWR Africa	Shangaan	4760af				
1630	1645		Vatican City State, Vatican R	Amharic	13765af	15570af			
1630	1656		Romania, R Romania Intl	Serbian	6030eu				
1630	1658		Vatican City State, Vatican R	Arabic	9635va	11935va			
1630	1658	Sat	Vatican City State, Vatican R	Somali	13765af	15570af			
1630	1700		Austria, AWR Europe	Farsi	11645as				
1630	1700		Bangladesh, Bangladesh Betar/Ext Svc	Bangla	7250me				
1630	1700	Sat/Sun	Canada, Bible Voice Broadcasting	Amharic	15335af				
1630	1700		Canada, Bible Voice Broadcasting	Farsi	9925as				
1630	1700		Canada, Bible Voice Broadcasting	Nuer	11875af				
1630	1700		China, China R International	Hausa	9620af	9670af			
1630	1700		China, Xizang PBS	English/Tibetan	4905do	6200do			
1630	1700	irreg/mtwhf	Congo Dem Rep, R Kahuzi	English/French/Swahili		6209do			
1630	1700		Egypt, R Cairo	Somali	15285af				
1630	1700		Germany, AWR Europe	Somali	17575af				
1630	1700	Sat	Germany, TWR Europe	Romanian	6105eu				
1630	1700		Indonesia, AWR Asia/Pacific	English	15660as				
1630	1700	stha	Indonesia, AWR Asia/Pacific	Sindhi	15660as				
1630	1700		Iran, VO Islamic Rep of Iran	Arabic	6060as				
1630	1700		Iran, VO Islamic Rep of Iran	Armenian	6090eu	7230eu			
1630	1700		Iran, VO Islamic Rep of Iran	Bengali	7335as	9785as			
1630	1700		Iran, VO Islamic Rep of Iran	Pashto	6005as	7345as			
1630	1700		Kyrgyzstan, Sadaye Zindagi	Dari/Pashto	5130as				
1630	1700	mtwhf	Nigeria, VO Nigeria	Yoruba	9690af				
1630	1700		Poland, Polish R/External Svc	Polish	6000eu				
1630	1700		Serbia, International R Serbia	French	9635eu				
1630	1700	m	South Africa, R Mirror Intl	English	4895af				
1630	1700		Sri Lanka, SLBC	Sinhala	11750as				
1630	1700	w	Swaziland, TWR Africa	Oromo	9500af				

1630	1700		Swaziland, TWR Africa	Somali	11635af			
1630	1700		Turkey, VO Turkey	Azeri	5965as			
1630	1700		Turkey, VO Turkey	Pashto	11680as			
1630	1700		UK, BBC World Service	Bengali	5865as	7465as	9650as	
1630	1700	mtwhf	UK, BBC World Service	Krwanda/Krundi	11860af	15790af		
1630	1700		UK, BBC World Service	Sinhala	6135as	7600as	9615as	
1630	1700		UK, FEBA Radio	Amharic	12125af			
1630	1700	hfa	UK, FEBA Radio	Amharic	9850af			
1630	1700	smtw	UK, FEBA Radio	Tigrinya	9850af			
1630	1700		USA, BBG/R Free Asia	Burmese	9940as			
1630	1700		USA, BBG/RFE/RL/R Farda	Farsi	7580as	12005as	13615as	15690as
1630	1700	f	USA, BBG/VO America	Portuguese	9880af	15670af	17655af	
1630	1700		USA, BBG/VO America	Somali	13580af	15620af		
1630	1700		USA, BBG/VO America	Swahili	13740af	15265af	15460af	
1630	1700	mtwhf	USA, BBG/VO America/S Sudan in Focus	English	11905af	13625af		
1630	1700		USA, BBG/VOA/R Ashna	Pashto	9770as	9975as	12140as	
1630	1700	Sat/Sun	USA, WINB Red Lion PA	English	13570ca			
1630	1700		Vietnam, VO Vietnam/Overseas Svc	French	7216me	9550me		
1630	1700		Vietnam, VO Vietnam/Overseas Svc	Russian	7280as	9730as		
1645	1658		Vatican City State, Vatican R	Tigrinya	13765af	15570af		
1645	1700	mw	Canada, Bible Voice Broadcasting	English	9715me			
1645	1700	thfas	Canada, Bible Voice Broadcasting	English	9715me			
1645	1700	fa	Swaziland, TWR Africa	Hadiya	9500af			
1645	1700		Swaziland, TWR Africa	Ndau	4760af			
1645	1700	Sun	Swaziland, TWR Africa	Oromo	9500af			
1650	1700		Vatican City State, Vatican R	Armenian	6185as	7360as		
1651	1700		New Zealand, R New Zealand Intl	English	9765pa			
1651	1700	DRM	New Zealand, R New Zealand Intl	English	9630pa			
1655	1700		Greece, R Stathmos Makedonias	Greek	7450va			

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

1700	1705		China, VO Minorities	Kazakh	5955do	6180do	7445do	9630do
					9645do			
1700	1705		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do
1700	1709		Vatican City State, Vatican R	Armenian	6185as	6185as	7360as	
1700	1710		Bangladesh, Bangladesh Betar/Home Svc	Bengali/English	4750as			
1700	1710		Pakistan, Azad Kashmir R	English	3975do	4790do		
1700	1710		Pakistan, R Pakistan External Svc	English	15725eu	17700eu		
1700	1715	f	Canada, Bible Voice Broadcasting	English	9715me			
1700	1715		Germany, R Dardasha 7	Arabic	9440me			
1700	1715		India, AIR/External Svc	Russian	9595eu			
1700	1715	DRM	India, AIR/External Svc	Russian	15140eu			
1700	1715		Nepal, R Nepal	Nepali	5005do			
1700	1715	Sun	Swaziland, TWR Africa	Amharic	9500af			
1700	1715		Vatican City State, Vatican R	French	11935va			
1700	1720	mthf	Canada, Bible Voice Broadcasting	Arabic	11915me			
1700	1720	Sat/Sun	USA, BBG/VOA/Studio 7	Shona	4930af	12080af	15775af	
1700	1725		Turkey, VO Turkey	Azeri	5965as			
1700	1725		Turkey, VO Turkey	Pashto	11680as			
1700	1725		Turkey, VO Turkey	Uzbek	11680as			
1700	1726		Romania, R Romania Intl	Italian	7415eu			
1700	1727		China, China R International	Hausa	9620af	9670af		
1700	1727		Iran, VO Islamic Rep of Iran	Arabic	9515as			
1700	1727		Iran, VO Islamic Rep of Iran	Armenian	6090eu	7230eu		
1700	1727		Iran, VO Islamic Rep of Iran	Pashto	6005as	7345as		
1700	1727		Iran, VO Islamic Rep of Iran	Tajik	5995as	7435as		
1700	1727		Iran, VO Islamic Rep of Iran	Turkish	6175as	7315as		
1700	1727		Iran, VO Islamic Rep of Iran/Mashad Prg	Urdu	5940as			
1700	1727		Vatican City State, Vatican R	French	13765af	15570af		
1700	1730		Australia, ABC/R Australia	English	11660as			
1700	1730		Austria, AWR Europe	Farsi	11645as			
1700	1730		Bangladesh, Bangladesh Betar/Ext Svc	Bangla	7250me			
1700	1730	f	Canada, Bible Voice Broadcasting	Amharic/Music	15335af			
1700	1730		Canada, Bible Voice Broadcasting	Arabic	9440me			
1700	1730		Canada, Bible Voice Broadcasting	Dinka	11875af			
1700	1730	mw	Canada, Bible Voice Broadcasting	Hebrew	9715me			
1700	1730	mw	Canada, Bible Voice Broadcasting	Tigringa	15335af			
1700	1730		Clandestine, Dimtse R Erena	Afar/Oromo	11560af			
1700	1730		Clandestine, EDC Sudan R Svc/Darfur Pgm	Arabic	17745af			
1700	1730		Clandestine, R Dabanga	Arabic (Darfuri)	12780af			
1700	1730	mf	Clandestine, R Ranginkaman/R Rainbow	Persian	7550as			
1700	1730	mf	Clandestine, R Rehoye Iran	Persian	7530as			
1700	1730		Clandestine, VO Martyrs (Freedom)	Korean	7515as			
1700	1730	w	Clandestine, VO Oromo Liberation/SBO	Oromo	11810af			
1700	1730		Egypt, R Cairo	Somali	15285af			
1700	1730		Egypt, R Cairo	Swahili	17810af			
1700	1730	Sat/Sun	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1700	1730		France, R France International	Portuguese	9870af			

1700	1730	DRM	Germany, AWR Europe	English	9755eu				
1700	1730		India, AIR/External Svc	Bengali	7420as				
1700	1730		India, AIR/External Svc	Farsi	9620as	11710as	13640as		
1700	1730		India, AIR/External Svc	Hindi	7250af	9445af	9950af	12025me	
					13605me	17670af			
1700	1730		India, AIR/Mumbai	Hindi/English/Marathi	4840do				
1700	1730		Kyrgyzstan, Sadaye Zindagi	Dari/Pashto	5130as				
1700	1730	mtwhf	Nigeria, VO Nigeria	Igbo	9690af				
1700	1730		Poland, Polish R/External Svc	Polish	6000eu				
1700	1730		Serbia, International R Serbia	German	9635eu				
1700	1730		South Africa, AWR Africa	Kiswahili	11925af				
1700	1730	m	South Africa, R Mirror Intl	English	4895af				
1700	1730		Spain, R Exterior de Espana	Russian	11755eu				
1700	1730	mtwhfa	Swaziland, TWR Africa	Amharic	9500af				
1700	1730		UK, BBC World Service	Dari	5865as	5875as	5910as		
1700	1730		UK, FEBA Radio	Somali	6180af				
1700	1730		USA, BBG/R Free Asia	Burmese	9940as				
1700	1730	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	7430eu				
1700	1730		USA, BBG/RFE/RL/R Farda	Farsi	7580as	9395as	13615as		
1700	1730		USA, BBG/VO America	Albanian	5955eu				
1700	1730		USA, BBG/VOA/R Ashna	Pashto	9770as	9975as	12140as		
1700	1730	mtwh	USA, BBG/VOA/Studio 7	Shona	4930af	12080af	15775af		
1700	1735	w	Canada, Bible Voice Broadcasting	Arabic	11915me				
1700	1735		China, VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do	11710do	
					12045do				
1700	1735		India, AIR/External Svc	Urdu	3945as				
1700	1739		India, AIR/Chennai	Hindi/English/Tamil	4920do				
1700	1739		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
1700	1740		India, AIR/Jeyapore	Hindi/English/Odia/Sanskrit		5040do			
1700	1740		India, AIR/Vivdh Bharati	Hindi	9870do				
1700	1741	Sat	India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do			
1700	1741		India, AIR/Jaipur	Hindi/English/vernaculars		4910do			
1700	1741		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
1700	1741		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
1700	1741		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do				
1700	1742		India, AIR/Bhopal	Hindi/English/Sanskrit/Urdu		4810do			
1700	1742		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			
1700	1744		India, AIR/Kolkata	Bengali/Hindi/Santhani		4820do			
1700	1745	h	Canada, Bible Voice Broadcasting	English	9715me				
1700	1745	Sat	Clandestine, R RSD	Somali	12130af				
1700	1745		Swaziland, TWR Africa	Swahili	9475af				
1700	1755		Saudi Arabia, BSKSA/External Svc	Persian	7240me				
1700	1755		Saudi Arabia, BSKSA/External Svc	Tajik	9885as				
1700	1755		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15225af	15435va			
1700	1755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	15205va	17560af		
1700	1756		Romania, R Romania Intl	French	9690eu	11635af			
1700	1756		Romania, R Romania Intl	Romanian	5995me	7325me			
1700	1757		China, China R International	Arabic	7300af	9555af	11725me		
1700	1757		China, China R International	Cantonese	7220af	7325af			
1700	1757		China, China R International	Croatian	7335eu	9610eu			
1700	1757		China, China R International	English	6090as	6100as	6140as	6155eu	
					6165as	7205af	7255as	7410as	
					7420af	7425eu	7435af	9460eu	
					9570eu				
1700	1757		China, China R International	Esperanto	7245eu				
1700	1757		China, China R International	French	7350eu				
1700	1757		China, China R International	German	5970eu	7380eu			
1700	1757		China, China R International	Russian	5915as	6040eu	6070eu	7265eu	
					7410eu				
1700	1757		China, China R International	Swahili	5985af	7400af	13645af	15125af	
1700	1757		Germany, Deutsche Welle	French	9795af				
1700	1757		Iran, VO Islamic Rep of Iran	Russian	3965eu	5920eu			
1700	1757		North Korea, Korean Central BC Sta	Korean	7570eu	9335na	11710na	12015eu	
1700	1757		North Korea, VO Korea	Arabic	9900me	11545af			
1700	1757		North Korea, VO Korea	Russian	6170eu	9325eu			
1700	1758		Taiwan, R Taiwan Intl	English	15690af				
1700	1758		Taiwan, R Taiwan Intl	Russian	9840eu				
1700	1759		Swaziland, TWR Africa	Ndau	4760af				
1700	1800		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1700	1800		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1700	1800		Anguilla, University Network	English	11775na				
1700	1800	mtwhf	Argentina, RAE	German	15345eu				
1700	1800		Australia, ABC/R Australia	English	5995pa	9475as	9500pa	9580pa	
					11880pa				
1700	1800		Australia, NT VL8A Alice Springs	English	2310do				
1700	1800		Australia, NT VL8K Katherine	English	2485do				

1700	1800	Australia, Symban World R	Greek	2369do			
1700	1800	Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
1700	1800	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
1700	1800	Belarus, R Belarus	Polish	11730eu			
1700	1800	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1700	1800	Bolivia, R Fides	Spanish/Aymara	6155do			
1700	1800	Bolivia, R Illimani	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 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	4878do			
1700	1800	Brazil, R Difusora/Londrina	Portuguese	4815do			
1700	1800	Brazil, R Difusora/Macapa	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	11915do			
1700	1800	Brazil, R Gazeta	Portuguese	5955do	9685do		
1700	1800	Brazil, R Guaiba	Portuguese	6000do	11785do		
1700	1800	Brazil, R Guaruja 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 Boa Vontade	Portuguese	6160do	9550do		
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	Sat/Sun	Canada, Bible Voice Broadcasting	Amharic	15335af		
1700	1800	th	Canada, Bible Voice Broadcasting	Amharic	15335af		
1700	1800	th	Canada, Bible Voice Broadcasting	Arabic	11700me		
1700	1800	tas	Canada, Bible Voice Broadcasting	English	9715me		
1700	1800		Canada, Bible Voice Broadcasting	Farsi	9925as		
1700	1800		Canada, CFRX Toronto ON	English	6070do		
1700	1800		Canada, CFVP Calgary AB	English	6030do		
1700	1800		Canada, CKZN St Johns NF	English	6160do		
1700	1800		Canada, CKZU Vancouver BC	English	6160do		
1700	1800	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars	6165do		
1700	1800		China, China Natl R/CNR13	Uyghur	9420do	9890do	
1700	1800		China, Xinjiang PBS	Chinese	3950do	5060do	5960do
					7310do	7340do	7260do
1700	1800		China, Xinjiang PBS	Kazakh	4330do	6015do	
1700	1800		China, Xinjiang PBS	Mongolian	4500do	6190do	
1700	1800		China, Xinjiang PBS	Uyghur	3990do	5060do	6120do
1700	1800		China, Xizang PBS	Chinese	4820do	5935do	6050do
					7240do	9780do	6145do
						11860do	11950do
1700	1800		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do
					6130do	7385do	6110do

1700	1800		Clandestine, Denge Kurdistan	Kurdish	11510me				
1700	1800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1700	1800		Clandestine, ESAT Radio	Amharic	15375af				
1700	1800		Clandestine, R Hargeysa/VO Somaliland	Somali	7120af				
1700	1800		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
1700	1800		Clandestine, SW R Africa	English/Ndebele/Shona		4880af			
1700	1800	mwf	Clandestine, VO Asena	Tigrinya	15245af				
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	irreg/mtwhf	Congo Dem Rep, R Kahuzi	English/French/Swahili		6209do			
1700	1800		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1700	1800		Congo, Rep of Congo, R Congo	French/vernaculars	6115do				
1700	1800	Sun	Cuba, R Havana Cuba	Spanish	11690ca	13680ca	13690ca	15340ca	
					15370sa	17750sa			
1700	1800		Cuba, R Rebelde	Spanish	5025na				
1700	1800		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1700	1800		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1700	1800		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1700	1800		Ecuador, Centro R de Imbabura	Spanish	3380do				
1700	1800		Egypt, R Cairo	Arabic	17485af				
1700	1800		Egypt, R Cairo	English	15345af				
1700	1800		Egypt, R Cairo	Turkish	9280me				
1700	1800		Egypt, R Cairo	Urdu	17585as				
1700	1800	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1700	1800		Eqt Guinea, Pan Am BC/R Africa	English	15190af				
1700	1800		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1700	1800		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
1700	1800		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	7175al	7195al	
1700	1800		Ethiopia, Amhara State Regional R	Amharic	6090do				
1700	1800		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1700	1800		Ethiopia, R Ethiopia/External Svc	French	7235af	9558af			
1700	1800		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do			
1700	1800		Ethiopia, R Oromiya	Oromo	6030do				
1700	1800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1700	1800		France, R France International	French	15300af	17620af	17850af	21690af	
1700	1800	DRM	France, R France International	French	3965eu				
1700	1800		France, R France International	Persian	11955me				
1700	1800		Gabon, Africa No. 1	French	9580af				
1700	1800		Germany, Deutsche Welle	French	12070af	15275af	15700eu		
1700	1800		Germany, R 6150	English	6070eu				
1700	1800		Germany, R 700	German/various	3955eu				
1700	1800		Greece, R Stathmos Makedonias	Greek	7450va				
1700	1800		Greece, Voice of Greece	Greek	15630va				
1700	1800		Guatemala, R Verdad	English/Spanish	4055do				
1700	1800	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
1700	1800		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
1700	1800		India, AIR/External Svc	Urdu	6045as	6155as			
1700	1800		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
1700	1800		Indonesia, VO Indonesia	Spanish	9526va				
1700	1800		Iran, VO Islamic Rep of Iran	Arabic	6060as				
1700	1800		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1700	1800		Japan, R Japan/NHK World	Japanese	11945va	15445va			
1700	1800		Kuwait, R Kuwait/General Svc	Arabic	6050me	21540eu			
1700	1800		Kuwait, R Kuwait/General Svc	Urdu	15540as				
1700	1800	irreg	Libya, R Libya	Arabic	11600af				
1700	1800		Madagascar, R Natl Malagasy	French/Malagasy	5010do				
1700	1800		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1700	1800		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1700	1800		Malaysia, RTM Salam FM	Malay/minority languages		6050do			
1700	1800		Mali, ORTM/R Mali	Arabic/Bambara/English/French		9635do			
1700	1800		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do			
1700	1800		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9575va				
1700	1800	DRM	New Zealand, R New Zealand Intl	English	9630pa				
1700	1800		New Zealand, R New Zealand Intl	English	9765pa				
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	15595af				
1700	1800		Pakistan, Azad Kashmir R	Urdu	3975do	4790do			
1700	1800		Pakistan, R Pakistan External Svc	Farsi	5900me	6280me			
1700	1800		Pakistan, R Pakistan External Svc	Urdu	9560eu	11570eu			
1700	1800		Palau, T8WH/World Harvest R	English	15680as				
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	4800al		
1700	1800		Peru, R Horizonte	Spanish	5020do			
1700	1800		Peru, R Madre de Dios	Spanish	4950do			
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	6175do			
1700	1800		Peru, R Union	Spanish	6115do			
1700	1800		Peru, R Victoria	Spanish	6020do	9722do		
1700	1800		Peru, R Vision	Spanish	4790do			
1700	1800		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
1700	1800	mf	Russia, GTRK/Adygeya	Adyge	6005me			
1700	1800		Russia, GTRK/Adygeya	Arabic/Turkish	6005me			
1700	1800		Russia, R Rossii	Russian	5905eu			
1700	1800		Russia, VO Russia	Arabic	6235me			
1700	1800		Russia, VO Russia	English	4960va	9340va	5955as	7390as
1700	1800		Russia, VO Russia	French	9400af	11985af		
1700	1800	DRM	Russia, VO Russia	Italian	6145eu			
1700	1800		Russia, VO Russia	Russian	9790as			
1700	1800		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
1700	1800		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me			
1700	1800		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
1700	1800	mtwhf	South Africa, Channel Africa	English	15235af			
1700	1800		South Africa, R Sonder Grense	Afrikaans	3320do			
1700	1800		South Korea, KBS World R	Korean	7275as	7275as	9515eu	
1700	1800		Spain, R Exterior de Espana	Arabic	21610me			
1700	1800	mtwhf	Spain, R Exterior de Espana	Spanish	17715sa	17755af		
1700	1800	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu	15125sa	17715sa	17755af
					17850af			
1700	1800		Sri Lanka, SLBC	Sinhala	11750as			
1700	1800		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
1700	1800		Swaziland, TWR Africa	English	3200af			
1700	1800	Sat/Sun	Swaziland, TWR Africa	English	3200af			
1700	1800		Sweden, IBRA Radio	Arabic	12045af			
1700	1800		Syria, R Damascus	Russian	9330eu			
1700	1800		Tajikistan, R Tojikiston/TR1	Russian	4765do			
1700	1800		Tajikistan, VO Tajik	Farsi	7245me			
1700	1800	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do			
1700	1800		Tunisia, RTV/R Tunisia	Arabic	7225af	12005va	17735va	
1700	1800		Turkey, VO Turkey	Turkish	5980eu	6120me		
1700	1800		Uganda, Dunamis SW	English/ethnics	4750do			
1700	1800		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
1700	1800		UK, BBC World Service	Arabic	5790af	6110af	6195me	7375af
					9915me			
1700	1800		UK, BBC World Service	English	3255af	5845as	5975as	6190af
					12095af	15400af	15420af	17640af
					17830af	21660af		
1700	1800		UK, FEBA Radio	Orominya/Tigrinya	9595af			
1700	1800		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1700	1800		USA, BBG/R Free Asia	Korean	5855as	9385as		
1700	1800		USA, BBG/R Free Asia	Mandarin	6020as	7415as	7445as	9355as
					9455as	9905as	11750as	11945as
1700	1800		USA, BBG/R Free Europe/R Liberty	Belarusian	5930eu	9515eu		
1700	1800		USA, BBG/R Free Europe/R Liberty	Russian	5885eu	9585eu	11850eu	12060eu
1700	1800		USA, BBG/R Free Europe/R Liberty	Turkmen	5820as	7225as		
1700	1800		USA, BBG/R Marti	Spanish	11930ca	13820ca	15330ca	
1700	1800		USA, BBG/VO America	English	6080af	13755af	15580af	17895af
1700	1800		USA, BBG/VO America	Georgian	11775eu	11840eu		
1700	1800		USA, BBG/VO America	Kurdish	7480me	9655me	11820me	
1700	1800		USA, BBG/VO America	Somali	13580af	15620af		
1700	1800		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9310as	9370as
1700	1800		USA, KNLS Anchor Point AK	Chinese	9655as			
1700	1800		USA, KNLS Anchor Point AK	Russian	6190as			
1700	1800	mtwhf	USA, Overcomer Ministry	English	9980na			
1700	1800	Sat	USA, Overcomer Ministry	English	15420na			
1700	1800		USA, Overcomer Ministry	English	9370va	9625me		
1700	1800		USA, WBCQ Monticello ME	English	9330na			
1700	1800	Sat	USA, WBCQ Monticello ME	English	15420na			
1700	1800		USA, WEWN/EWTN Irondale AL	English	15610me			
1700	1800		USA, WEWN/EWTN Irondale AL	Spanish	11550ca	13830ca		
1700	1800		USA, WHRI Cypress Creek SC	English	9840na	21630af		
1700	1800	Sat/Sun	USA, WINB Red Lion PA	English	13570ca			
1700	1800		USA, WJHR Intl Milton FL	English	15550	lsb		
1700	1800	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1700	1800		USA, WRNO New Orleans LA	English	7505na			
1700	1800	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu			

1700	1800		USA, WTTW Lebanon TN	English	9479na			
1700	1800		USA, WWCN Nashville TN	English	9980ca	12160af	13845na	15825eu
1700	1800		USA, WWRB Manchester TN	English	9370na			
1700	1800		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
1700	1800		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1700	1800		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7280eu	9730eu		
1700	1800	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me			
1700	1800		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1700	1800	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do		
1700	1800	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1700	1830		USA, BBG/VO America	Portuguese	9880af	15670af	17655af	
1705	1800		Belarus, R Belarus	Polish	6155eu			
1710	1738		Vatican City State, Vatican R	Russian	6185eu	7360eu		
1715	1729		Vatican City State, Vatican R	English	11935va			
1715	1745	Sun	Swaziland, TWR Africa	Oromo	9500af			
1715	1800	mwf	Canada, Bible Voice Broadcasting	Arabic	11700me			
1720	1740	Sat/Sun	USA, BBG/VOA/Studio 7	English/Ndebele/Shona		4930af	12080af	15775af
1729	1800		Japan, R Japan/NHK World	Swahili	13730af			
1730	1745	mtwhfa	Germany, R 700	German	6005eu			
1730	1745		Serbia, International R Serbia	Chinese	9635eu			
1730	1745	mtwhfa	Switzerland, R Freundes-Dienst	German	6005eu			
1730	1756		Romania, R Romania Intl	Aromanian	5960eu			
1730	1757		UK, FEBA Radio	Tigrinya	9595af			
1730	1757		Vatican City State, Vatican R	English	11625af	13765af	15570af	
1730	1800		Australia, ABC/R Australia	English	6080pa			
1730	1800	mwf	Canada, Bible Voice Broadcasting	Amharic	15335af			
1730	1800		China, China R International	Chinese	6150me	7275me	7315eu	7445va
					9695eu			
1730	1800		China, China R International	Hausa	9450af	9685af		
1730	1800		Clandestine, R EYSC/Eritrean Youth Solidarity	Tigrinya		11810af		
1730	1800	w	Clandestine, VO Oromo Liberation/SBO	Amharic	11810af			
1730	1800		Egypt, R Cairo	Amharic	15285af			
1730	1800		Ethiopia, VO Tigray Revol	Afar/Tigrinya	5950do			
1730	1800		Germany, AWR Europe	Kabyle	11860af			
1730	1800		Germany, AWR Europe	Oromo	11795af			
1730	1800		India, AIR/External Svc	Arabic	9620me	11710me	13640me	
1730	1800		India, AIR/External Svc	Malayalam	7250me	12025me		
1730	1800		Iran, VO Islamic Rep of Iran	Arabic	7285as			
1730	1800		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian		6080eu	9850eu	
1730	1800		Iran, VO Islamic Rep of Iran	German	6205eu	7420eu		
1730	1800		Iran, VO Islamic Rep of Iran	Swahili	9665af	11830af		
1730	1800	mtwhf	Nigeria, VO Nigeria	Arabic	15120va			
1730	1800		Philippines, R Pilipinas Overseas Svc	Filipino	9825me	11890me	15190me	
1730	1800		Poland, Polish R/External Svc	Belarusian	6000eu			
1730	1800		South Africa, AWR Africa	Masai	11925af			
1730	1800	Sat	Swaziland, TWR Africa	Amharic	9500af			
1730	1800	mtwhf	Swaziland, TWR Africa	Oromo	9500af			
1730	1800		Sweden, IBRA Radio	Somali	11610af	11740af		
1730	1800		Sweden, IBRA Radio	Swahili	11785af			
1730	1800		Turkey, VO Turkey	English	11730as			
1730	1800		Turkey, VO Turkey	Spanish	9495eu			
1730	1800		UK, BBC World Service	Pashto	5865as	5875as	5910as	
1730	1800		UK, FEBA Radio	Ethiopian	7510af			
1730	1800		UK, FEBA Radio	Silte	7510af			
1730	1800		USA, BBG/RFE/RL/R Farda	Farsi	7520as	7580as	9395as	13615as
1730	1800	mtwhf	USA, BBG/VO America	Oromo	9320af	9485af	9755af	9860af
					11905af			
1730	1800		USA, BBG/VOA/R Ashna	Dari	5810as	7560as	9440as	
1730	1800	mtwh	USA, BBG/VOA/Studio 7	English/Ndebele/Shona		4930af	12080af	15775af
1730	1800	f	USA, BBG/VOA/Studio 7	Ndebele	4930af	12080af	15775af	
1740	1759		Vatican City State, Vatican R	Ukrainian	6185eu	7360eu		
1740	1800	Sat/Sun	USA, BBG/VOA/Studio 7	Ndebele	4930af	12080af	15775af	
1745	1800		Bangladesh, Bangladesh Betar/Ext Svc	English	7250eu			
1745	1800		India, AIR/External Svc	English	7550eu	9445va	9950eu	11580af
					11670eu	11935af	13695af	17670af
1745	1800		Serbia, International R Serbia	Albanian	9635eu			
1745	1800	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af			
1750	1800	mtwhf	Swaziland, TWR Africa	Umbundu	6130af			

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

1800	1805		China, China Natl R/CNR13	Uyghur	9420do	9890do		
1800	1805		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
					6130do	7385do		
1800	1815	Sat	Canada, Bible Voice Broadcasting	English	7365me			
1800	1815	f	Canada, Bible Voice Broadcasting	Russian	6030eu			
1800	1815	th	Canada, Bible Voice Broadcasting	Ukrainian	6030eu			
1800	1815		Pakistan, Azad Kashmir R	Urdu	3975do	4790do		

1800	1815		Serbia, International R Serbia	Hungarian	9635eu				
1800	1815	hf	Swaziland, TWR Africa	Amharic	5965af				
1800	1815	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af				
1800	1815	mtw	Swaziland, TWR Africa	Tigrinya	5965af				
1800	1819		Vatican City State, Vatican R	Belarussian	6185eu				
1800	1820	mtwhf	Swaziland, TWR Africa	Umbundu	6130af				
1800	1825		Turkey, VO Turkey	English	11730as				
1800	1825		Turkey, VO Turkey	Spanish	9495eu				
1800	1826		Romania, R Romania Intl	Ukrainian	6090eu				
1800	1827		China, China R International	Chinese	6150me	7275me	7315eu	7445va	
					9695eu				
1800	1827		China, China R International	Farsi	7295me	7325me			
1800	1827		China, China R International	Hausa	9450af	9685af	11640af	13645af	
1800	1827		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian	6080eu	9850eu			
1800	1827		Iran, VO Islamic Rep of Iran	German	6205eu	7420eu			
1800	1827		Iran, VO Islamic Rep of Iran	Swahili	9665af	11830af			
1800	1828		Vatican City State, Vatican R	Portuguese	11625af				
1800	1830	mtwhfa	Albania, R Tirana	Italian	6040eu				
1800	1830		Canada, Bible Voice Broadcasting	Farsi	9925as				
1800	1830	f	Canada, Bible Voice Broadcasting	Farsi	7365as				
1800	1830	t	Canada, Bible Voice Broadcasting	Russian	6030eu				
1800	1830	fas	Canada, Bible Voice Broadcasting	Somali	15335af				
1800	1830	tha	Clandestine, VO Eritrea	Tigrinya	7235af	9560af			
1800	1830	mwf	Clandestine, VO Peace & Democracy of Eritrea	Tigrinya	7235af	9560af			
1800	1830		India, AIR/External Svc	Malayalam	7250me	12025me			
1800	1830		Japan, R Japan/NHK World	English	15720af				
1800	1830		Poland, Polish R/External Svc	Belarusian	6000eu				
1800	1830		Sri Lanka, SLBC	Sinhala	11750as				
1800	1830	Sun	Swaziland, TWR Africa	Kunama	5965af				
1800	1830	Sat	Swaziland, TWR Africa	Tigre	5965af				
1800	1830		Sweden, IBRA Radio	Beja	9635af				
1800	1830	irreg	Tanzania, Zanzibar BC/VO Tanzania	English	11735do				
1800	1830		UK, BBC World Service	English	5975as	7600as			
1800	1830		UK, BBC World Service	French	7465af	9605eu	13790af	15105af	
					17885eu				
1800	1830		UK, BBC World Service	Somali	6140af	9410af	9815af		
1800	1830		USA, BBG/VO America	English	6080af	13755af	15580af		
1800	1830	Sat/Sun	USA, BBG/VO America	English	4930af				
1800	1830		USA, BBG/VO America	Portuguese	9880af	15670af	17655af		
1800	1830		USA, BBG/VOA/Afia Darfur R	Arabic	9645af	11615af	11975af		
1800	1830		USA, BBG/VOA/R Ashna	Dari	5810as	7560as	9440as		
1800	1830	f	USA, BBG/VOA/Studio 7	English/Ndebele/Shona	4930af	4930af	12080af	15775af	
1800	1830	mtwh	USA, BBG/VOA/Studio 7	Nedbele	4930af	12080af	15775af		
1800	1830		Vatican City State, Vatican R	Portuguese	13765af	15570af			
1800	1830		Vietnam, VO Vietnam/Overseas Svc	English	5955eu				
1800	1830		Vietnam, VO Vietnam/Overseas Svc	Spanish	7280eu	9730eu			
1800	1845		Congo, Rep of Congo, R Congo	French/vernaculars	6115do				
1800	1845		Moldova, R Payem e-Doost	Farsi	7480as				
1800	1850		Greece, Voice of Greece	Greek	15630va				
1800	1850		New Zealand, R New Zealand Intl	English	9765pa				
1800	1850	DRM	New Zealand, R New Zealand Intl	English	9630pa				
1800	1856	DRM	Romania, R Romania Intl	English	9780eu				
1800	1856		Romania, R Romania Intl	English	7300eu				
1800	1856		Romania, R Romania Intl	Romanian	5990eu	7350eu			
1800	1857		China, China R International	Chaozhou	6010eu	7285eu			
1800	1857		China, China R International	English	6100eu	7405eu			
1800	1857		China, China R International	Italian	7340eu	7435eu			
1800	1857		China, China R International	Russian	6070eu	6170eu	7210eu	7255eu	
					9535eu				
1800	1857		Germany, Deutsche Welle	Hausa	12070af	15275af	17800af		
1800	1857		Iran, VO Islamic Rep of Iran	Russian	6140eu	7350eu			
1800	1857		North Korea, VO Korea	English	7570eu	12015eu			
1800	1857		North Korea, VO Korea	French	7210af	9975va	11535va	11910af	
1800	1857		North Korea, VO Korea	German	6170eu	9325eu			
1800	1858		Algeria, R Algerienne	Arabic	11955af				
1800	1858		Taiwan, R Taiwan Intl	English	3965eu				
1800	1900		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
1800	1900		Angola, R Nac de Angola/Intl Svcnational languages		7217af				
1800	1900		Anguilla, University Network	English	11775na				
1800	1900	mtwhf	Argentina, RAE	English	15345eu				
1800	1900	Sun	Argentina, RAE	Spanish	6060am	15345am			
1800	1900		Australia, ABC/R Australia	English	6080pa	9475as	9500pa	9580as	
					11880pa				
1800	1900	Sat/Sun	Australia, ABC/R Australia	English	9710as				
1800	1900		Australia, NT VL8A Alice Springs	English	2310do				
1800	1900		Australia, NT VL8K Katherine	English	2485do				
1800	1900		Australia, Symban World R	Greek	2369do				
1800	1900		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
1800	1900		Bangladesh, Bangladesh Betar/Ext Svc	English	7250eu				
1800	1900		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu				

1800	1900		Belarus, R Belarus	German	6155eu	11730eu		
1800	1900		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1800	1900		Bolivia, R Illimani	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 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	4878do			
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	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 Boa Vontade	Portuguese	6160do	9550do		
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/Sun	Canada, Bible Voice Broadcasting	English	9715me			
1800	1900	Sat	Canada, Bible Voice Broadcasting	English	9470me			
1800	1900	Sun	Canada, Bible Voice Broadcasting	English	6030eu			
1800	1900		Canada, CFRX Toronto ON	English	6070do			
1800	1900		Canada, CFVP Calgary AB	English	6030do			
1800	1900		Canada, CKZN St Johns NF	English	6160do			
1800	1900		Canada, CKZU Vancouver BC	English	6160do			
1800	1900	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		
1800	1900		China, China R International	French	5970eu	6055af	7360eu	7385af
1800	1900		China, China R International	German	6160eu	7395eu	9615eu	
1800	1900		Clandestine, Denge Kurdistane	Kurdish	11510me			
1800	1900		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1800	1900		Clandestine, R Hargeysa/VO Somaliland	Somali	7120af			
1800	1900		Clandestine, R VO the People	English/Ndebele/Shona		9345af		
1800	1900		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as
					12670as	12800as	13270as	15940as
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		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	irreg/mtwhf	Congo Dem Rep, R Kahuzi	English/French/Swahili		6209do		

1800	1900		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1800	1900		Cuba, R Rebelde	Spanish	5025na				
1800	1900		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1800	1900		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1800	1900		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1800	1900		Ecuador, Centro R de Imbabura	Spanish	3380do				
1800	1900		Egypt, R Cairo	Amharic	15285af				
1800	1900		Egypt, R Cairo	Arabic	9250af	17485af			
1800	1900		Egypt, R Cairo	Hausa	15710af				
1800	1900		Egypt, R Cairo	Italian	9655eu				
1800	1900		Egypt, R Cairo	Turkish	9280me				
1800	1900	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1800	1900		Eq Guinea, Pan Am BC/R Africa	English	15190af				
1800	1900		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1800	1900		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do	7175al	7195al		
1800	1900		Ethiopia, Amhara State Regional R	Amharic	6090do				
1800	1900		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	6110do	7210do			
1800	1900		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali	9705do				
1800	1900		Ethiopia, R Oromiya	Oromo	6030do				
1800	1900		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do				
1800	1900	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1800	1900		France, R France International	French	15300af	21690af			
1800	1900		Gabon, Africa No. 1	French	9580af				
1800	1900		Germany, R 6150	English	6070eu				
1800	1900		Germany, R 700	German/various	3955eu				
1800	1900		Greece, R Stathmos Makedonias	Greek	7450va				
1800	1900		Guatemala, R Verdad	English/Spanish	4055do				
1800	1900	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
1800	1900		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
1800	1900		India, AIR/External Svc	Arabic	9620me	11710me	13640me		
1800	1900		India, AIR/External Svc	English	7550eu	9445va	9950eu	11580af	
					11670eu	11935af	13695af	17670af	
1800	1900		India, AIR/External Svc	Urdu	6045as	6155as			
1800	1900		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
1800	1900		Indonesia, VO Indonesia	German	9526va				
1800	1900		Iran, VO Islamic Rep of Iran	Arabic	6060as	7285as			
1800	1900		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1800	1900		Japan, R Japan/NHK World	Japanese	11945va	15445va			
1800	1900		Kuwait, R Kuwait	English	15540eu				
1800	1900		Kuwait, R Kuwait/General Svc	Arabic	6050me	13650na			
1800	1900	irreg	Libya, R Libya	Arabic	11600af				
1800	1900		Madagascar, R Natl Malagasy	French/Malagasy	5010do				
1800	1900		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1800	1900		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1800	1900		Malaysia, RTM Salam FM	Malay/minority languages		6050do			
1800	1900		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do			
1800	1900		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do			
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, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
1800	1900	mtwhf	Nigeria, VO Nigeria	English	15120af				
1800	1900		Oman, R Sultanate of Oman	Arabic	15595af				
1800	1900		Pakistan, R Pakistan External Svc	Urdu	9560eu	11570eu			
1800	1900		Palau, T8WH/World Harvest R	English	15680as				
1800	1900		Papua New Guinea, Wantok R Light	Tok Pisin/English/Motu	7325do				
1800	1900		Peru, La Voz de las Huarinjas	Spanish	5059do				
1800	1900		Peru, Ondas del Hualлага	Spanish	3330do				
1800	1900		Peru, R Bethel	Spanish	5921do				
1800	1900		Peru, R Cusco	Spanish	4780do	4800al			
1800	1900		Peru, R Horizonte	Spanish	5020do				
1800	1900		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1800	1900		Peru, R Union	Spanish	6115do				
1800	1900		Peru, R Victoria	Spanish	6020do	9722do			
1800	1900		Peru, R Vision	Spanish	4790do				
1800	1900		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1800	1900		Philippines, R Pilipinas Overseas Svc	Filipino	9825me	11890me	15190me		
1800	1900	Sun	Russia, GTRK/Adygeya	Adyge	6005me				
1800	1900		Russia, R Rossii	Russian	5905eu				
1800	1900		Russia, VO Russia	Arabic	6235me	9340va			
1800	1900		Russia, VO Russia	English	4960va	11985va			
1800	1900	DRM	Russia, VO Russia	French	6145eu				
1800	1900	DRM	Russia, VO Russia	French	6145eu				

1800	1900		Russia, VO Russia	Russian	6110va	9790as		
1800	1900		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
1800	1900		Saudi Arabia, BSKSA/External Svc	Turkish	9675va			
1800	1900		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870va		
1800	1900		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820va	11915af	11930af	
1800	1900		Saudi Arabia, BSKSA/Second Gen 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	Korean	9515eu			
1800	1900		South Korea, KBS World R	Russian	7235eu			
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	17715sa	17755af		
1800	1900	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu			
1800	1900		Sudan, Sudan RTV/Sudan R	Arabic	7200do			
1800	1900		Swaziland, TWR Africa	English	3200af	9500af		
1800	1900	Sat/Sun	Swaziland, TWR Africa	English	3200af			
1800	1900		Syria, R Damascus	German	9330eu			
1800	1900		Tajikistan, R Tojikiston/TR1	Russian	4765do			
1800	1900	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do			
1800	1900		Thailand, R Thailand World Svc	Thai	9585eu			
1800	1900		Tunisia, RTV/R Tunisia	Arabic	7225af	12005va	17735va	
1800	1900		Turkey, VO Turkey	Turkish	5980eu	6120me		
1800	1900		Uganda, Dunamis SW	English/ethnics	4750do			
1800	1900		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
1800	1900		UK, BBC World Service	Arabic	5790af	6110af	6195me	7375af
					9915af			
1800	1900		UK, BBC World Service	Dari	5865as	5910as	7505as	
1800	1900		UK, BBC World Service	English	3255af	5875eu	5945eu	6190af
					9430af	11810af	12095af	15400af
					17640af			
1800	1900		UK, FEBA Radio	Arabic	9550me			
1800	1900		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1800	1900		USA, BBG/R Free Asia	Mandarin	6025as	7385as	7415as	7445as
					9355as	9455as	9905as	11750as
					11790as	11945as		
1800	1900		USA, BBG/R Free Europe/R Liberty	Belarusian	5930eu	9515eu		
1800	1900		USA, BBG/R Free Europe/R Liberty	Russian	7220eu	9405eu		
1800	1900		USA, BBG/R Marti	Spanish	11930ca	13820ca	15330ca	
1800	1900		USA, BBG/RFE/RL/R Farda	Farsi	7520as	7580as	9395as	13615as
1800	1900		USA, BBG/VO America	Amharic	9320af	9485af	9755af	9860af
					11905af			
1800	1900		USA, BBG/VOA/Deewa R	Pashto	7455as	7495as	9310as	9370as
1800	1900		USA, KJES Vado NM	English	15385pa			
1800	1900		USA, KJES Vado NM	Spanish	15385ca			
1800	1900	mtwhf	USA, Overcomer Ministry	English	9980na			
1800	1900		USA, Overcomer Ministry	English	9370va	9625me		
1800	1900		USA, WBCQ Monticello ME	English	9330na			
1800	1900	Sat	USA, WBCQ Monticello ME	English	15420na			
1800	1900		USA, WEWN/EWTN Irondale AL	English	15610me			
1800	1900		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830ca		
1800	1900		USA, WHRI Cypress Creek SC	English	9840na	9930as	21630af	
1800	1900		USA, WINB Red Lion PA	English	13570ca			
1800	1900	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1800	1900	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu			
1800	1900		USA, WTWW Lebanon TN	English	9479na			
1800	1900		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu
1800	1900		USA, WWRB Manchester TN	English	9370na			
1800	1900		Uzbekistan, CVC/The Voice Asia	Hindi	6260as			
1800	1900		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1800	1900	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me			
1800	1900		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do	
1800	1900	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do		
1800	1900	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
1815	1830		Serbia, International R Serbia	Greek	9635eu			
1815	1845	Sat	Canada, Bible Voice Broadcasting	English	6030eu			
1815	1845	Sun	Canada, Bible Voice Broadcasting	English	9470me			
1815	1845	mtwhf	Swaziland, TWR Africa	Tigrinya	5965af			
1820	1835		Swaziland, TWR Africa	Chokwe	6130af			
1825	1900		Vanuatu, R Vanuatu	Bislama/English/French		3945do		
1830	1845		Rwanda, R Rep Rwandaise	English	6055do			
1830	1845	Sun	Swaziland, TWR Africa	Amharic	5965af			
1830	1845		UK, FEBA Radio	French	15250af			
1830	1856		Romania, R Romania Intl	Serbian	6030eu			
1830	1857		China, China R International	Bulgarian	6020eu	7265eu	9695eu	
1830	1857		China, China R International	Farsi	7295me	7325me		
1830	1900	mtwhfa	Albania, R Tirana	French	7465eu			
1830	1900		Austria, AWR Europe	Arabic	11860af			
1830	1900		China, China R International	Arabic	11640af	13685af		
1830	1900		China, China R International	French	7350af	9645af		

1830	1900		Clandestine, R Damal	Somali	11615af			
1830	1900		Clandestine, Sawtu Linjila/VO the Gospel	Fulfulde	9800af			
1830	1900		Iran, VO Islamic Rep of Iran	Albanian	6040eu	9605eu		
1830	1900		Iran, VO Islamic Rep of Iran	French	6085eu	7380eu	13650eu	
1830	1900		Iran, VO Islamic Rep of Iran	Hausa	9570af	13730af		
1830	1900	mtwhf/DRM	Nigeria, VO Nigeria	English	15120af			
1830	1900		Poland, Polish R/External Svc	Russian	6000eu			
1830	1900		Serbia, International R Serbia	Italian	9635eu			
1830	1900		South Africa, AWR Africa	English	11830af			
1830	1900		Sweden, IBRA Radio	Fur	9635af			
1830	1900		Turkey, VO Turkey	German	7205eu			
1830	1900		UK, BBC World Service	English	6005af	9410af		
1830	1900	mtwhf	UK, BBC World Service	Krwanada/Krundi	6140af	7425af	9815af	
1830	1900		USA, BBG/VO America	Azeri	7315va	9435va	9595va	
1830	1900		USA, BBG/VO America	English	4930af	6080af	13755af	15580af
1830	1900		USA, BBG/VO America	French	15225af	15620af		
1830	1900		USA, BBG/VOA/R Ashna	Pashto	5810as	7560as		
1830	1900	mtwhf	USA, BBG/VOA/Studio 7	English/Ndebele/Shona		12080af	15775af	
1830	1900		Vietnam, VO Vietnam/Overseas Svc	French	7280eu	9730eu		
1830	1900		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	5955eu			
1835	1850		Swaziland, TWR Africa	Umbundu	6130af			
1845	1900		Egypt, R Cairo	Fulfulde	17625af	11555al	15520al	
1850	1900	twhfs	Swaziland, TWR Africa	Kikongo	6130af			
1850	1900	m	Swaziland, TWR Africa	Luvale	6130af			
1850	1900	Sat	Swaziland, TWR Africa	Portuguese	6130af			
1851	1900		New Zealand, R New Zealand Intl	English	11725pa			
1851	1900	DRM	New Zealand, R New Zealand Intl	English	15720pa			
1855	1900		Greece, Voice of Greece	Greek	15650eu			

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1900	1905		Algeria, R Algerienne	French	11775af			
1900	1905	twhfs	Swaziland, TWR Africa	Kikongo	6130af			
1900	1905	m	Swaziland, TWR Africa	Luvale	6130af			
1900	1905	Sat	Swaziland, TWR Africa	Portuguese	6130af			
1900	1910		Congo Dem Rep, R Tele Candip	French/vernulars	5066do			
1900	1925		Turkey, VO Turkey	German	7205eu			
1900	1926	DRM	Romania, R Romania Intl	Italian	7345eu			
1900	1927		China, China R International	Czech	7325eu	7415eu		
1900	1927		China, China R International	Hungarian	7440eu	9560eu		
1900	1927		China, China R International	Portuguese	11640af	13630af		
1900	1927		China, China R International	Romanian	6145eu	7305eu		
1900	1927		Iran, VO Islamic Rep of Iran	Albanian	6040eu	9605eu		
1900	1927		Iran, VO Islamic Rep of Iran	French	6085eu	7380eu	13650eu	
1900	1927		Iran, VO Islamic Rep of Iran	Hausa	9570af	13730af		
1900	1927		UK, FEBA Radio	Arabic	9550me			
1900	1930		Armenia, Public R of Armenia	Arabic	4810me			
1900	1930		Austria, AWR Europe	Hausa	11690af			
1900	1930		China, China R International	Arabic	11640af	13685af		
1900	1930		Clandestine, R Damal	Somali	11615af			
1900	1930		France, R France International	Portuguese	6180af			
1900	1930		Germany, AWR Europe	Arabic	11760af			
1900	1930		Germany, AWR Europe	Wolof	11860af			
1900	1930		Germany, Deutsche Welle	English	11800af	12070af	15275af	
1900	1930		India, AIR/External Svc	Urdu	6045as	6155as		
1900	1930		Philippines, R Pilipinas Overseas Svc	Filipino	9825me	11890me	15190me	
1900	1930		Serbia, International R Serbia	Russian	6100eu			
1900	1930		South Africa, AWR Africa	Fulfulde	15240af			
1900	1930		Sweden, IBRA Radio	Arabic	9635af			
1900	1930		Sweden, IBRA Radio	Fulfulde	7445af			
1900	1930	mtwhf	USA, BBG/R Free Europe/R Liberty	Moldovan (Romanian)	6135eu			
1900	1930	mtwhf	USA, BBG/VO America	Tigrinya	9320af	9485af	9755af	9860af
					11905af			
1900	1930		USA, BBG/VOA/Afia Darfur R	Arabic	9780af	9815af	11975af	
1900	1930		USA, BBG/VOA/R Ashna	Pashto	5810as	7560as		
1900	1930		Vatican City State, Vatican R	Spanish	11625af	13765af		
1900	1930		Vietnam, VO Vietnam/Overseas Svc	English	7280eu	9730eu		
1900	1930		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	5955eu			
1900	1945		India, AIR/External Svc	Arabic	9620me	11710me	13640me	
1900	1945		India, AIR/External Svc	English	7550eu	9445eu	9950eu	11580af
					11670eu	11935af	13695af	17670af
1900	1956	DRM	Romania, R Romania Intl	German	9805eu			
1900	1956		Romania, R Romania Intl	German	6010eu			
1900	1956		Romania, R Romania Intl	Romanian	5990eu	7430eu		
1900	1957		China, China R International	Albanian	6020eu	7315eu		
1900	1957		China, China R International	Cantonese	7215eu	9770eu		
1900	1957		China, China R International	English	7295va	9440af		
1900	1957		China, China R International	French	5970eu	6055af	7350af	7360af
					7385af	9645af		

1900	1957		China, China R International	Romanian	5985eu 9535eu	7335eu 9730eu	7365eu	7405eu
1900	1957		China, China R International	Russian	6100eu	6110eu	7245eu	
1900	1957		China, China R International	Turkish	7255me	9655me		
1900	1957		North Korea, VO Korea	English	7219eu	9975va	11535va	11910af
1900	1957		North Korea, VO Korea	German	6170eu	9325eu		
1900	1957		North Korea, VO Korea	Spanish	7570eu	12015eu		
1900	1958		Algeria, R Algerienne	Arabic	9390af			
1900	2000		Algeria, R Algerienne	Arabic	11775af			
1900	2000		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
1900	2000		Angola, R Nac de Angola/Intl Svcnational languages		7217af			
1900	2000		Anguilla, University Network	English	11775na			
1900	2000	mtwhf	Argentina, RAE	Italian	15345eu			
1900	2000	Sun	Argentina, RAE	Spanish	6060am	15345am		
1900	2000		Australia, ABC/R Australia	English	6080pa 11880pa	9500as	9580pa	11660as
1900	2000	Sat/Sun	Australia, ABC/R Australia	English	9710as			
1900	2000		Australia, NT VL8A Alice Springs	English	2310do			
1900	2000		Australia, NT VL8K Katherine	English	2485do			
1900	2000		Australia, Symban World R	Greek	2369do			
1900	2000		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
1900	2000		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
1900	2000		Belarus, R Belarus	German	6155eu	11730eu		
1900	2000		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1900	2000		Bolivia, R Illimani	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 Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
1900	2000		Brazil, R Difusora/Londrina	Portuguese	4815do			
1900	2000		Brazil, R Difusora/Macapá	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	11915do			
1900	2000		Brazil, R Gazeta	Portuguese	5955do	9685do		
1900	2000		Brazil, R Guaiba	Portuguese	6000do	11785do		
1900	2000		Brazil, R Guarujá 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 Rural	Portuguese	4765do			
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 Boa Vontade	Portuguese	6160do	9550do		
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	6070do				
1900	2000		Canada, CFVP Calgary AB	English	6030do				
1900	2000		Canada, CKZN St Johns NF	English	6160do				
1900	2000		Canada, CKZU Vancouver BC	English	6160do				
1900	2000	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
1900	2000		Clandestine, Denge Kurdistan	Kurdish	11510me				
1900	2000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1900	2000		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
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	irreg/mtwhf	Congo Dem Rep, R Kahuzi	English/French/Swahili		6209do			
1900	2000		Cuba, R Rebelde	Spanish	5025na				
1900	2000		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
1900	2000		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
1900	2000		Dominican Rep, R Amanecer Intl	Spanish	6025do				
1900	2000		Ecuador, Centro R de Imbabura	Spanish	3380do				
1900	2000		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
1900	2000		Egypt, R Cairo	Arabic	9250af	17485af			
1900	2000		Egypt, R Cairo	Arabic/General Svc	9305eu				
1900	2000		Egypt, R Cairo	English	15290af				
1900	2000		Egypt, R Cairo	Fulfulde	17625af	11555al	15520al		
1900	2000		Egypt, R Cairo	German	11560eu				
1900	2000		Egypt, R Cairo	Hausa	15710af				
1900	2000		Egypt, R Cairo	Russian	9280eu				
1900	2000		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al			
1900	2000	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1900	2000		Eq Guinea, Pan Am BC/R Africa	English	15190af				
1900	2000		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
1900	2000		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do			
1900	2000		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1900	2000		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do			
1900	2000		Ethiopia, R Oromiya	Oromo	6030do				
1900	2000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
1900	2000	DRM	France, R France International	French	3965eu				
1900	2000		France, R France International	French	9790af	13740af	21690af		
1900	2000		France, R France International	Russian	5915eu	9835eu			
1900	2000		Gabon, Africa No. 1	French	9580af				
1900	2000		Germany, AWR Europe	Arabic	9535af				
1900	2000	Sat	Germany, Christliche Wissenschaft	Russian	5960eu				
1900	2000		Germany, R 6150	English	6070eu				
1900	2000		Germany, R 700	German/various	3955eu				
1900	2000		Greece, R Stathmos Makedonias	Greek	7450va				
1900	2000		Greece, Voice of Greece	Greek	15650eu				
1900	2000		Guatemala, R Verdad	English/Spanish	4055do				
1900	2000	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
1900	2000		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
1900	2000		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
1900	2000		Indonesia, VO Indonesia	English	9526va				
1900	2000		Iran, VO Islamic Rep of Iran	Arabic	6060as	7285as			
1900	2000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1900	2000	fas	Italy, IRRS Shortwave	English	7290va				
1900	2000		Japan, R Japan/NHK World	Japanese	9670va				
1900	2000		Kuwait, R Kuwait	English	15540eu				
1900	2000		Kuwait, R Kuwait/General Svc	Arabic	6050me	13650na			
1900	2000	irreg	Libya, R Libya	Arabic	11600af				
1900	2000		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do				
1900	2000		Malaysia, RTM Kajang/Traxx FM	English	7295do				
1900	2000		Malaysia, RTM Salam FM	Malay/minority languages		6050do			
1900	2000		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do			
1900	2000		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do			
1900	2000		Micronesia, V6MP/Cross R/Pohnpei	English	4755as				
1900	2000		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va				
1900	2000		New Zealand, R New Zealand Intl	English	11725pa				
1900	2000	DRM	New Zealand, R New Zealand Intl	English	15720pa				
1900	2000		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
1900	2000		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
1900	2000	mtwhf	Nigeria, VO Nigeria	English	7255af				
1900	2000		Oman, R Sultanate of Oman	Arabic	15595af				
1900	2000		Palau, T8WH/World Harvest R	English	15680as				
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		4800al		
1900	2000		Peru, R Horizonte	Spanish	5020do				
1900	2000		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
1900	2000		Peru, R Union	Spanish	6115do				
1900	2000		Peru, R Victoria	Spanish	6020do		9722do		
1900	2000		Peru, R Vision	Spanish	4790do				
1900	2000		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
1900	2000		Russia, R Rossii	Russian	5905eu				
1900	2000		Russia, VO Russia	Arabic	6235me		9340va		11985af
1900	2000		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1900	2000		Saudi Arabia, BSKSA/External Svc	Turkish	9675va				
1900	2000		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af		9870va		
1900	2000		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820va		11915af		11930af
1900	2000		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me				
1900	2000		Solomon Islands, SIBC	English/Pidgin	5020do		9545do		
1900	2000		South Africa, AWR Africa	Arabic	15480va				
1900	2000		South Africa, R Sonder Grense	Afrikaans	3320do				
1900	2000	mtwhf	Spain, R Exterior de Espana	Arabic	7265af				
1900	2000	mtwhf	Spain, R Exterior de Espana	English	9605af		9665eu		
1900	2000	Sat	Spain, R Exterior de Espana	French	9590af				
1900	2000	Sun	Spain, R Exterior de Espana	French	12030me				
1900	2000		Spain, R Exterior de Espana	Spanish	9765ca		15125sa		
1900	2000	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu		11940va		17755af
1900	2000		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
1900	2000		Swaziland, TWR Africa	English	3200af				
1900	2000	Sat/Sun	Swaziland, TWR Africa	English	3200af				
1900	2000		Syria, R Damascus	French	9330va				
1900	2000		Taiwan, R Taiwan Intl	French	9895af		11875as		
1900	2000		Taiwan, R Taiwan Intl	German	3955eu				
1900	2000		Tajikistan, R Tojikiston/TR1	Russian	4765do				
1900	2000	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
1900	2000		Thailand, R Thailand World Svc	English	9585eu				
1900	2000		Tunisia, RTV/R Tunisia	Arabic	7225af		7345af		12005va
1900	2000		Turkey, VO Turkey	Turkish	5980eu		6120me		17735va
1900	2000		Uganda, UBC Radio	English/Swahili/vernaculars	4976do		7195do		
1900	2000		UK, BBC World Service	Arabic	5790af		6170af		6195me
					9915af				7375af
1900	2000		UK, BBC World Service	English	3255af		5875eu		5945eu
					9410af		9430af		11810af
					15400af				12095af
1900	2000		USA, AFN/AFRTS	English	4319usb		5765usb		12759usb
1900	2000		USA, BBG/R Free Asia	Mandarin	5860as		6025as		6095as
					9355as		9455as		9875as
					11790as		11945as		9905as
1900	2000		USA, BBG/R Free Europe/R Liberty	Belarusian	5930eu		5895eu		9515eu
1900	2000		USA, BBG/R Free Europe/R Liberty	Russian	7235eu		9405eu		
1900	2000		USA, BBG/R Free Europe/R Liberty	Tatar-Bashkir	7470as				
1900	2000		USA, BBG/R Marti	Spanish	11930ca		13820ca		15330ca
1900	2000		USA, BBG/RFE/RL/R Farda	Farsi	7520as		7580as		9965as
1900	2000		USA, BBG/VO America	English	4930af		6080af		15580af
1900	2000		USA, BBG/VO America	French	12080af		15225af		
1900	2000		USA, BBG/VO America	Korean	5835as		7460as		9800as
1900	2000		USA, BBG/VO America	Special English	7480va		9515va		
1900	2000		USA, KJES Vado NM	Spanish	15385ca				
1900	2000	mtwhf	USA, Overcomer Ministry	English	9980na		13570ca		
1900	2000		USA, Overcomer Ministry	English	9370va		9625me		9835af
1900	2000	Sat/Sun	USA, Overcomer Ministry	English	9980na				13570ca
1900	2000		USA, WBCQ Monticello ME	English	9330na		15420na		
1900	2000	twhfa	USA, WBCQ Monticello ME	English	7490na				
1900	2000		USA, WEWN/EWTN Irondale AL	English	15610me				
1900	2000		USA, WEWN/EWTN Irondale AL	Spanish	12050ca		13830ca		
1900	2000		USA, WHRI Cypress Creek SC	English	9840na		21630af		
1900	2000		USA, WINB Red Lion PA	English	13570ca				

1900	2000	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1900	2000	fasmt	USA, WTWW Lebanon TN	Arabic	12105eu				
1900	2000		USA, WTWW Lebanon TN	English	9479na	9930sa			
1900	2000		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu	
1900	2000		USA, WWRB Manchester TN	English	9370na				
1900	2000		Uzbekistan, CVC/The Voice Asia	Hindi	6260as				
1900	2000		Vanuatu, R Vanuatu	Bislama/English/French		3945do			
1900	2000		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
1900	2000	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
1900	2000		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
1900	2000	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do			
1900	2000	irreg	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	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				
1915	2000		Bangladesh, Bangladesh Betar/Ext Svc	Bangla	7250eu				
1920	1950		Swaziland, TWR Africa	Portuguese	6130af				
1925	1940	ts	Switzerland, R Freundes-Dienst	german	7310eu				
1930	1945	mtws	Sweden, IBRA Radio	Moore	7445af				
1930	1945	sm	Sweden, IBRA Radio	Sara Ngambai	9635af				
1930	1945	hfa	Sweden, IBRA Radio	Shuwa	9635af				
1930	1945	hfa	Sweden, IBRA Radio	Tamajeg	7445af				
1930	1945	tw	Sweden, IBRA Radio	Zaghawa	9635af				
1930	1956		Romania, R Romania Intl	Aromanian	7345eu				
1930	1957		China, China R International	Czech	7305eu	7415eu			
1930	1957		China, China R International	Romanian	6145eu	7440eu			
1930	1957		Germany, Deutsche Welle	English	12070af	15275af			
1930	1957		Germany, Deutsche Welle	Portuguese	11800af				
1930	1957		Iran, VO Islamic Rep of Iran	Italian	6085eu	7385eu			
1930	2000		Austria, AWR Europe	French	11690af				
1930	2000		China, China R International	Esperanto	7265eu	9745eu			
1930	2000		Clandestine, R Damal	Somali	11955af				
1930	2000		Cuba, R Havana Cuba	French	15340eu				
1930	2000		Germany, AWR Europe	Tachelhit	11760af				
1930	2000		Germany, Deutsche Welle	Portuguese	11865af	12045af			
1930	2000		Iran, VO Islamic Rep of Iran	English	6040eu	7345eu	12670af	15450af	
1930	2000		Iran, VO Islamic Rep of Iran	Russian	4005eu	7205eu			
1930	2000		Serbia, International R Serbia	English	6100eu				
1930	2000		South Africa, AWR Africa	lbo	11750af				
1930	2000		South Africa, RTE R Worldwide	English/Irish Gaelic	5820af				
1930	2000		Turkey, VO Turkey	English	6050eu				
1930	2000		UK, BBC World Service	Hausa	11890af	15105af	17885af		
1930	2000		USA, BBG/VO America	Albanian	5955eu				
1930	2000		USA, BBG/VOA/R Ashna	Dari	5810as	7560as			
1930	2000	Sun	USA, Pan Am Broadcasting	English	9685af				
1930	2000		Vietnam, VO Vietnam/Overseas Svc	French	5995eu	7280eu	9730eu		
1935	1950		Swaziland, TWR Africa	French	9940af				
1940	1959		Vatican City State, Vatican R	Rosary	3975eu	6075eu	9755af	11625af	
					13765af				
1945	2000		India, AIR/External Svc	French	9620af	11710af	13640af		
1945	2000		India, AIR/External Svc	Hindi	7550eu	11670eu			
1945	2000	DRM	India, AIR/External Svc	Hindi	9950eu				
1945	2000	wt	Sweden, IBRA Radio	Malinke	7445af				
1950	2000	Sat	Swaziland, TWR Africa	French	9940af				
1950	2000		Swaziland, TWR Africa	Kimbundu	6130af				
1955	2000		China, VO China	Chinese	4750do	4800do	5945do	6030do	
					6080do	6125do	6145do	6175do	
					6180do	7215do	7230do	7275do	
					7290do	7305do	7345do	9455do	
					9500do	9655do	9710do	9810do	
					9830do	9845do	9890do	9900do	
					11710do	11925do	12055do		
1958	2000		Indonesia, RRI Serui	Indonesian	4605do				

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2000	2005		Algeria, R Algerienne	French	11775af				
2000	2005		Swaziland, TWR Africa	Kimbundu	6130af				
2000	2010		Tunisia, RTV/R Tunisia	Arabic	7225af	7345af	17735va		
2000	2015		Canada, Bible Voice Broadcasting	Arabic	5940me				
2000	2015		Germany, R Dardasha 7	Arabic	5940me				
2000	2015		Thailand, R Thailand World Svc	German	9535eu				
2000	2020	Sat	Swaziland, TWR Africa	French	9940af				
2000	2026		Romania, R Romania Intl	Ukrainian	6170eu				

2000	2027		China, China R International	French	7350af	9645af		
2000	2027		China, China R International	Serbian	7315eu	7390eu	9585eu	
2000	2027		Iran, VO Islamic Rep of Iran	Arabic	7285as			
2000	2027		Iran, VO Islamic Rep of Iran	English	6040eu	7345eu	12670af	15450af
2000	2027		Iran, VO Islamic Rep of Iran	Russian	4005eu	7205eu		
2000	2027		Vatican City State, Vatican R	English	11625af	13765af		
2000	2030		Australia, ABC/R Australia	English	6080pa	500as		
2000	2030		Austria, AWR Europe	Dyula	9770af			
2000	2030		Cuba, R Havana Cuba	Portuguese	15340eu			
2000	2030		Egypt, R Cairo	English	15290af			
2000	2030		Germany, AWR Europe	French	9805af			
2000	2030		India, AIR/External Svc	French	9620af	11710af	13640af	
2000	2030		Serbia, International R Serbia	Spanish	6100eu			
2000	2030		South Africa, AWR Africa	French	11755af			
2000	2030	Sat/Sun	Swaziland, TWR Africa	English	3200af			
2000	2030		Turkey, VO Turkey	English	6050eu			
2000	2030	f	UK, BBC World Service	Hausa	11890af	15105af	17885af	
2000	2030		USA, BBG/VO America	English	4930af	6080af	15580af	
2000	2030		USA, BBG/VO America	French	9815af	9885af	12080af	15225af
					15620af			
2000	2030		USA, BBG/VOA/R Ashna	Dari	5810as	7560as		
2000	2030	mtwhf	USA, Overcomer Ministry	English	13570ca			
2000	2030	Sun	USA, Pan Am Broadcasting	English	9685af			
2000	2030		Vietnam, VO Vietnam/Overseas Svc	Russian	6135eu	7280eu	9730eu	
2000	2045		India, AIR/External Svc	Hindi	7550eu	11670eu		
2000	2045	DRM	India, AIR/External Svc	Hindi	9950eu			
2000	2050		New Zealand, R New Zealand Intl	English	11725pa			
2000	2050	DRM	New Zealand, R New Zealand Intl	English	15720pa			
2000	2055		Saudi Arabia, BSKSA/External Svc	Turkish	9675va			
2000	2056		Romania, R Romania Intl	Romanian	5990eu	7380eu		
2000	2056		Romania, R Romania Intl	Spanish	6010eu	9895eu		
2000	2057		China, China R International	Chinese	7245eu	7305eu	7335af	7440eu
					9865me			
2000	2057		China, China R International	English	5960eu	5985af	7285eu	7295va
					7415eu	9440af	9600eu	11640eu
					13630eu			
2000	2057		China, China R International	Polish	6020eu	6145eu	7405eu	
2000	2057		China, China R International	Russian	7255eu	9525eu		
2000	2057		Germany, Deutsche Welle	English	9655af			
2000	2057		North Korea, Korean Central BC Sta	Korean	6170eu	7210af	9325eu	9975eu
					11910af	11535va		
2000	2057		North Korea, VO Korea	French	7570eu	12015eu		
2000	2058		Algeria, R Algerienne	Arabic	9390af	11775af		
2000	2058		Algeria, R Algerienne	French	11775af			
2000	2100		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
2000	2100		Angola, R Nac de Angola/Intl Svc	French	7217af			
2000	2100		Anguilla, University Network	English	11775na			
2000	2100	mtwhf	Argentina, RAE	French	15345eu			
2000	2100	Sat	Argentina, RAE	Spanish	6060am	15345eu		
2000	2100		Australia, ABC/R Australia	English	9580pa	11650pa	11660pa	12080pa
					15515pa			
2000	2100		Australia, NT VL8A Alice Springs	English	2310do			
2000	2100		Australia, NT VL8K Katherine	English	2485do			
2000	2100		Australia, NT VL8T Tennant Creek	English	2325do			
2000	2100		Australia, Symban World R	Greek	2369do			
2000	2100		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
2000	2100		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu			
2000	2100		Belarus, R Belarus	English	6155eu	11730eu		
2000	2100	DRM	Belgium, The Disco Palace	English	17875na			
2000	2100		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
2000	2100		Bolivia, R Illimani	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 Alvorada/Paritins	Portuguese	4965do			
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 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	4878do				
2000	2100		Brazil, R Difusora/Londrina	Portuguese	4815do				
2000	2100		Brazil, R Difusora/Macapa	Portuguese	4915do				
2000	2100		Brazil, R Educacao Rural/Coari	Portuguese	5035do				
2000	2100		Brazil, R Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
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	11915do				
2000	2100		Brazil, R Gazeta	Portuguese	5955do	9685do			
2000	2100		Brazil, R Guaiaba	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 Rural	Portuguese	4765do				
2000	2100		Brazil, R Verdes Florestas	Portuguese	4865do				
2000	2100		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
2000	2100		Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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	6070do				
2000	2100		Canada, CFVP Calgary AB	English	6030do				
2000	2100		Canada, CKZN St Johns NF	English	6160do				
2000	2100		Canada, CKZU Vancouver BC	English	6160do				
2000	2100	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
2000	2100		China, China R International	Arabic	6100va	6185va	7215va		
2000	2100		China, VO China	Chinese	4750do	4800do	5945do	6000do	
					6030do	6080do	6125do	6145do	
					6175do	6180do	7215do	7275do	
					7290do	7305do	7345do	9455do	
					9500do	9655do	9810do	9830do	
					9845do	9890do	9900do	11710do	
					11925do	12055do	12045do		
2000	2100		China, Xinjiang PBS	Chinese	4820do	5935do	6050do	7240do	
					7340do				
2000	2100		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	7450do			
2000	2100		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
2000	2100	f	Clandestine, JSR/Shiokaze/Sea Breeze	English	5910as	5965as	6110as		
2000	2100	mwh	Clandestine, JSR/Shiokaze/Sea Breeze	Japanese	5910as	6110as	6135as		
2000	2100	Sat/Sun	Clandestine, JSR/Shiokaze/Sea Breeze	Korean/Japanese	5910as	5965as	6110as		
2000	2100		Clandestine, R Damal	Somali	11955af				
2000	2100		Clandestine, R Free Chosun	Korean	7505as				
2000	2100		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
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		Cuba, R Havana Cuba	English	11760am				
2000	2100		Cuba, R Rebelde	Spanish	5025na				
2000	2100		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
2000	2100		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
2000	2100		Dominican Rep, R Amanecer Intl	Spanish	6025do				
2000	2100		Ecuador, Centro R de Imbabura	Spanish	3380do				
2000	2100		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2000	2100		Egypt, R Cairo	Arabic	9855pa	17485af	6860al		
2000	2100		Egypt, R Cairo	Arabic/General Svc	9305eu				
2000	2100		Egypt, R Cairo	French	11560eu				
2000	2100		Egypt, R Cairo	Hausa	15710af				
2000	2100		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al			

2000	2100	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
2000	2100		Eqt Guinea, Pan Am BC/R Africa	English	15190af			
2000	2100		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
2000	2100		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
2000	2100		Ethiopia, R Ethiopia/Natl Svc	Amharic/Oromo/Tigre/Somali		9705do		
2000	2100	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
2000	2100		France, R France International	French	11995af	17205af		
2000	2100		Gabon, Africa No. 1	French	9580af			
2000	2100		Germany, R 6150	English	6070eu			
2000	2100		Germany, R 700	German/various	3955eu			
2000	2100		Greece, R Stathmos Makedonias	Greek	7450va			
2000	2100		Greece, Voice of Greece	Greek	15650eu			
2000	2100		Guatemala, R Verdad	English/Spanish	4055do			
2000	2100	irreg	Guinea, RTV Guinea	French/vernacular	7125do			
2000	2100		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
2000	2100		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
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	6060as			
2000	2100		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2000	2100		Italy, IRRS Shortwave	English	7290va			
2000	2100		Japan, R Japan/NHK World	Japanese	9670va	9625pa		
2000	2100		Kuwait, R Kuwait	English	15540eu			
2000	2100		Kuwait, R Kuwait/General Svc	Arabic	6050me	17550va		
2000	2100	irreg	Libya, R Libya	Arabic	11600af			
2000	2100		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2000	2100		Malaysia, RTM Kajang/Traxx FM	English	7295do			
2000	2100		Malaysia, RTM Salam FM	Malay/minority languages		6050do		
2000	2100		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2000	2100		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
2000	2100		Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
2000	2100		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
2000	2100		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2000	2100		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2000	2100	mtwhf	Nigeria, VO Nigeria	French	7255af			
2000	2100		Oman, R Sultanate of Oman	Arabic	15595af			
2000	2100		Palau, T8WH/World Harvest R	English	15680as			
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 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 Bella	Spanish	4300do			
2000	2100		Peru, R Bethel	Spanish	5921do	4800al		
2000	2100		Peru, R Cusco	Spanish	4780do			
2000	2100		Peru, R Horizonte	Spanish	5020do			
2000	2100		Peru, R Madre de Dios	Spanish	4950do			
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	6175do			
2000	2100		Peru, R Union	Spanish	6115do			
2000	2100		Peru, R Victoria	Spanish	6020do	9722do		
2000	2100		Peru, R Vision	Spanish	4790do			
2000	2100		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
2000	2100		Russia, R Rossii	Russian	5905eu			
2000	2100		Russia, VO Russia	Arabic	6235me	9340va		
2000	2100	DRM	Russia, VO Russia	Spanish	6000eu			
2000	2100		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
2000	2100		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870va		
2000	2100		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820va	11915af	11930af	
2000	2100		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me			
2000	2100		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
2000	2100		South Africa, AWR Africa	Arabic	15480va			

2000	2100		South Africa, R Sonder Greense	Afrikaans	3320do				
2000	2100		South Korea, KBS World R	Arabic	9840af				
2000	2100		South Korea, KBS World R	French	5950va				
2000	2100		South Korea, KBS World R	German	3955eu				
2000	2100		Spain, R Exterior de Espana	Arabic	7265af				
2000	2100	mtwhf	Spain, R Exterior de Espana	French	9570af	9605me			
2000	2100	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu	9765ca	11940va	15125sa	
					17755af				
2000	2100		Sudan, Sudan RTV/Sudan R	Arabic	7200do				
2000	2100		Taiwan, R Taiwan Intl	Spanish	3965eu				
2000	2100		Tajikistan, R Tojikiston/TR1	Russian	4765do				
2000	2100	irreg	Tanzania, Zanzibar BC/VO Tanzania	Swahili	11735do				
2000	2100		Tunisia, RTV/R Tunisia	Arabic	7225af	7345af			
2000	2100		Turkey, VO Turkey	Turkish	5980eu	6120me			
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	5875af	6170af	6195me	
					7375me	9915af			
2000	2100		UK, BBC World Service	English	3255af	6190af	9410af	9430af	
					11810af	12095af	15400af		
2000	2100		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
2000	2100		USA, BBG/R Free Asia	Mandarin	5860as	6025as	6095as	7355as	
					7495as	9355as	9455as	9875as	
					11945as				
2000	2100		USA, BBG/R Free Europe/R Liberty	Belarusian	5895eu	5930eu			
2000	2100		USA, BBG/R Free Europe/R Liberty	Russian	5885eu	7235eu			
2000	2100		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca		
2000	2100		USA, BBG/RFE/RL/R Farda	Farsi	5850as	7520as	7580as	9965as	
2000	2100	mtwhf	USA, BBG/VO America	English	9480va				
2000	2100		USA, BBG/VO America	Korean	5835as	7460as	9800as		
2000	2100	mtwhfa	USA, Overcomer Ministry	English	9370va	9980na			
2000	2100		USA, WBCQ Monticello ME	English	7490na				
2000	2100		USA, WBCQ Monticello ME	English	9330na	15420na			
2000	2100		USA, WEWN/EWTN Irondale AL	English	15610me				
2000	2100		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830ca			
2000	2100		USA, WHRI Cypress Creek SC	English	9505eu	21630af			
2000	2100		USA, WINB Red Lion PA	English	13570ca				
2000	2100	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
2000	2100		USA, WTWW Lebanon TN	English	9479na	9930sa			
2000	2100	fasmt	USA, WTWW Lebanon TN	French	12105eu				
2000	2100		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu	
2000	2100		USA, WWRB Manchester TN	English	9370na				
2000	2100		Vanuatu, R Vanuatu	Bislama/English/French		3945do	7260do		
2000	2100		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
2000	2100	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
2000	2100		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
2000	2100	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do			
2000	2100	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2030	2045		Canada, Bible Voice Broadcasting	Arabic	9515af				
2030	2045		Germany, R Dardasha 7	Arabic	9515af				
2030	2045		Thailand, R Thailand World Svc	English	9535eu				
2030	2056		Romania, R Romania Intl	Serbian	7425eu				
2030	2057		China, China R International	Bulgarian	7320eu	9720eu			
2030	2057		China, China R International	Hungarian	7390eu	9585eu			
2030	2057		Vatican City State, Vatican R	French	13765af				
2030	2100	mtwhfa	Albania, R Tirana	German	7465eu				
2030	2100		Australia, ABC/R Australia	English	9500pa	11695as			
2030	2100		Austria, AWR Europe	French	9805af				
2030	2100		China, China R International	French	6115eu	7350eu			
2030	2100		China, China R International	Italian	7265eu	7310eu			
2030	2100		Cuba, R Havana Cuba	Arabic	15340eu				
2030	2100		Iran, VO Islamic Rep of Iran	Albanian	6165eu	9605eu			
2030	2100		Iran, VO Islamic Rep of Iran	Spanish	6080eu	9630sa			
2030	2100		Japan, R Japan/NHK World	French	11850af				
2030	2100	smtwhf	Serbia, International R Serbia	Serbian	6100eu				
2030	2100		South Africa, AWR Africa	Yoruba	11755af				
2030	2100		Turkey, VO Turkey	French	5970eu	6050af			
2030	2100		USA, BBG/VO America	English	4930af	6080af	7560as	15580af	
2030	2100	Sat/Sun	USA, BBG/VO America	English	4930af				
2030	2100	Sat/Sun	USA, BBG/VO America	French	9815af	9885af	12080af	15225af	
2030	2100	mtwhf	USA, BBG/VO America	Hausa	9690af				
2030	2100	Sat	USA, BBG/VO America	Hausa	9815af	15225af			
2030	2100	mtwhf	USA, BBG/VO America	Hausa	4940af	9690af	11860af	11885af	
2030	2100		Vatican City State, Vatican R	French	11625af				
2030	2100		Vietnam, VO Vietnam/Overseas Svc	English	7216me	7280eu	9550me	9730eu	
2030	2100		Vietnam, VO Vietnam/Overseas Svc	German	6175eu				
2045	2100		India, AIR/External Svc	English	7550eu	9445eu	9910pa	11620pa	
					11670eu	11740pa			
2045	2100	DRM	India, AIR/External Svc	English	9950eu				
2045	2100		Thailand, R Thailand World Svc	Thai	9535eu				

2050	2100		China, Xizang PBS	English/Tibetan	4905do 6130do	4920do 7385do	5240do	6110do
2051	2100	DRM	New Zealand, R New Zealand Intl	English	17675pa			
2055	2100		China, China Business R	Chinese	3985do 6090do 7265do 7375do 9755do	6000do 6155do 7315do 7425do 9820do	6040do 6190do 7335do 9515do 11740do	6065do 7245do 7370do 9620do
2055	2100		China, VO Minorities	Korean	5955do	5975do		
2055	2100		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do

2100 UTC - 5PM EDT / 4PM CDT / 2PM PDT

2100	2105		Algeria, R Algerienne	French	7495af			
2100	2105		Uganda, UBC Radio	English/Swahili/vernaculars		4976do		
2100	2105		USA, BBG/VOA/R Ashna	Pashto	7560as			
2100	2110		Tunisia, RTV/R Tunisia	Arabic	7225af			
2100	2115		Ecuador, HCJB/LV de los Andes	Tachelhit	7335af			
2100	2115		Egypt, R Cairo	French	11560eu			
2100	2115	mtwhf	Moldova, R PMR/Pridnestrovye	English	7290eu			
2100	2115		Thailand, R Thailand World Svc	Thai	9535eu			
2100	2125		Turkey, VO Turkey	French	5970eu	6050af		
2100	2126	DRM	Romania, R Romania Intl	French	7370eu			
2100	2126		Romania, R Romania Intl	French	6030eu			
2100	2127		China, China R International	Albanian	6145eu			
2100	2127		China, China R International	Chinese	11640eu	13630eu		
2100	2127		China, China R International	Serbian	7325eu	7425eu	7440eu	
2100	2127		Iran, VO Islamic Rep of Iran	Albanian	6165eu	9605eu		
2100	2127		Iran, VO Islamic Rep of Iran	Spanish	5080eu	9630sa		
2100	2130	mtwhfa	Albania, R Tirana	English	7465eu			
2100	2130		Australia, NT VL8A Alice Springs	English	2310do			
2100	2130		Australia, NT VL8K Katherine	English	2485do			
2100	2130		Australia, NT VL8T Tennant Creek	English	2325do			
2100	2130		Austria, AWR Europe	English	9830af			
2100	2130		Clandestine, R Damal	Somali	11955af			
2100	2130		Cuba, R Havana Cuba	French	11880am			
2100	2130	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
2100	2130	smtwhf	Serbia, International R Serbia	German	6100eu			
2100	2130	smtwhf	Serbia, International R Serbia	Serbian	6100eu			
2100	2130		USA, BBG/RFE/RL/R Farda	Farsi	5850as	7520as	7580as	9965as
2100	2130	mt	USA, BBG/VO America	Swahili	11875af	13740af	15265af	
2100	2130	mtwhf	USA, BBG/VO America	French	9680af	9690af	9815af	9885af
2100	2130		Vietnam, VO Vietnam/Overseas Svc	French	7220me	7280eu	9550me	9730eu
2100	2130		Vietnam, VO Vietnam/Overseas Svc	German	6175eu			
2100	2150	DRM	New Zealand, R New Zealand Intl	English	15720pa			
2100	2150		New Zealand, R New Zealand Intl	English	17675pa			
2100	2155		Saudi Arabia, BSKSA/Second Gen Pgm	Arabic	9580me			
2100	2155		Turkey, VO Turkey	Turkish	5980eu	6120me		
2100	2157		China, China R International	Croatian	6135eu	7225eu		
2100	2157		China, China R International	English	5960eu 7415eu	7205af 9600eu	7285eu	7405af
2100	2157		China, China R International	Korean	7290as			
2100	2157		Iran, VO Islamic Rep of Iran	Japanese	5990as	7395as		
2100	2157		North Korea, VO Korea	Chinese	7235as	9345as	9975as	11535as
2100	2157		North Korea, VO Korea	English	7570eu	12015eu		
2100	2157		North Korea, VO Korea	Japanese	3250as	7580as	9650as	
2100	2158		Algeria, R Algerienne	Arabic	9395af			
2100	2200		Angola, R Nac de Angola/Canal A	Portuguese	4950do			
2100	2200		Angola, R Nac de Angola/Intl Svc	English	7217af			
2100	2200		Anguilla, University Network	English	11775na			
2100	2200	mtwhf	Argentina, RAE	German	15345eu			
2100	2200	Sat	Argentina, RAE	Spanish	6060am	15345eu		
2100	2200		Australia, ABC/R Australia	English	9500pa 12080pa	9660as 13630pa	11650pa 15515pa	11695pa 21740pa
2100	2200		Australia, Symban World R	Greek	2369do			
2100	2200		Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
2100	2200		Belarus, R Belarus	English	6155eu	11730eu		
2100	2200		Bolivia, R Camargo	Spanish/Aymara	3390do			
2100	2200		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
2100	2200		Bolivia, R Fides	Spanish/Aymara	6155do			
2100	2200		Bolivia, R Illimani	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, R Alvorada/Londrina	Portuguese	4865do			
2100	2200	Brazil, R Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
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 Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
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	11915do			
2100	2200	Brazil, R Gazeta	Portuguese	5955do	9685do		
2100	2200	Brazil, R Guaiba	Portuguese	6000do	11785do		
2100	2200	Brazil, R Guaruja Paulista	Portuguese	5045do			
2100	2200	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
2100	2200	Brazil, R Iguatemi	Portuguese	4975do			
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	9515do		
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 Rural	Portuguese	4765do			
2100	2200	Brazil, R Verdes Florestas	Portuguese	4865do			
2100	2200	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
2100	2200	Brazil, Super R Alvorada	Portuguese	2460do			
2100	2200	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do		
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	6070do			
2100	2200	Canada, CFVP Calgary AB	English	6030do			
2100	2200	Canada, CKZN St Johns NF	English	6160do			
2100	2200	Canada, CKZU Vancouver BC	English	6160do			
2100	2200	irreg Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		
2100	2200	China, China Business R	Chinese	3985do	6000do	6040do	6065do
				6090do	6155do	6190do	7245do
				7265do	7315do	7370do	7375do
				7425do	9515do	9620do	9755do
				9775do			
2100	2200	China, China R International	Arabic	6100va	6185va	7215va	
2100	2200	China, China R International	French	6115eu	7350eu		
2100	2200	China, China R International	Spanish	6020eu	9640eu		
2100	2200	China, Hunan PBS	Chinese	3900do			
2100	2200	China, VO China	Chinese	4750do	4800do	5945do	6000do
				6030do	6080do	6125do	6145do
				6175do	6180do	7215do	7275do
				7290do	7305do	7345do	9455do
				9500do	9655do	9810do	9830do
				9845do	9890do	9900do	11710do
				11925do	12055do	12055do	
2100	2200	China, VO Minorities	Korean	5955do	5975do		
2100	2200	China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do

2100	2200		China, Xinjiang PBS	Chinese	4820do	5935do	6050do	7240do
2100	2200		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
					7240do	7450do		
2100	2200		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do
					6130do	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	7970as	9970as	10960as	12230as
					12670as	12800as	13270as	15940as
2100	2200		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
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		Cuba, R Rebelde	Spanish	5025na			
2100	2200		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
2100	2200		Dominican Rep, R Amanecer Intl	Spanish	6025do			
2100	2200		Ecuador, Centro R de Imbabura	Spanish	3380do			
2100	2200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
2100	2200		Egypt, R Cairo	Arabic	9855pa	17485af	6860al	
2100	2200		Egypt, R Cairo	Arabic/General Svc	9305eu			
2100	2200		Egypt, R Cairo	English	11890eu	12050al		
2100	2200		Egypt, R Cairo	French	15210af			
2100	2200		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al		
2100	2200	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
2100	2200		Eq Guinea, Pan Am BC/R Africa	English	15190af			
2100	2200		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
2100	2200	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
2100	2200		France, R France International	French	7205af			
2100	2200	DRM	France, R France International	French	3965eu			
2100	2200		Gabon, Africa No. 1	French	9580af			
2100	2200		Germany, Deutsche Welle	English	11800af	12070af		
2100	2200		Germany, R 6150	English	6070eu			
2100	2200		Germany, R 700	German/various	3955eu			
2100	2200		Greece, R Stathmos Makedonias	Greek	7450va			
2100	2200		Greece, Voice of Greece	Greek	15650eu			
2100	2200		Guatemala, R Verdad	English/Spanish	4055do			
2100	2200	irreg	Guinea, RTV Guinee	French/vernacular	7125do			
2100	2200		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
2100	2200		Honduras, R Luz y Vida	Spanish	3250do			
2100	2200		India, AIR/External Svc	English	7550eu	9445eu	9910pa	11620pa
					11670eu	11740pa		
2100	2200	DRM	India, AIR/External Svc	English	9950eu			
2100	2200		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
2100	2200	Sun	Indonesia, AWR Asia/Pacific	Cantonese	9565as	9720as		
2100	2200		Indonesia, AWR Asia/Pacific	Korean	9890as			
2100	2200	mtwhfa	Indonesia, AWR Asia/Pacific	Mandarin	9565as	9720as		
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	6060as			
2100	2200		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2100	2200		Japan, R Japan/NHK World	Japanese	6025as	9670va	11910va	
2100	2200		Kuwait, R Kuwait/General Svc	Arabic	17550va			
2100	2200		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2100	2200		Malaysia, RTM Kajang/Traxx FM	English	7295do			
2100	2200		Malaysia, RTM Salam FM	Malay/minority languages		6050do		
2100	2200		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2100	2200		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
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	mtwhf	Nigeria, VO Nigeria	Fulfulde	7255af			
2100	2200		Oman, R Sultanate of Oman	Arabic	15595af			
2100	2200		Palau, T8WH/World Harvest R	English	15680as			
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	4800al			
2100	2200		Peru, R Horizonte	Spanish	5020do				
2100	2200		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
2100	2200		Peru, R Union	Spanish	6115do				
2100	2200		Peru, R Victoria	Spanish	6020do	9722do			
2100	2200		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
2100	2200		Philippines, R Veritas Asia	Mandarin	6115as				
2100	2200	DRM	Russia, VO Russia	Portuguese	6000eu				
2100	2200		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
2100	2200		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870va			
2100	2200		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820va	11915af	11930af		
2100	2200		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
2100	2200		South Africa, R Sonder Greense	Afrikaans	3320do				
2100	2200		South Korea, KBS World R	French	3955eu				
2100	2200	Sat/Sun	Spain, R Exterior de Espana	Arabic	7265af				
2100	2200	mtwhf	Spain, R Exterior de Espana	Portuguese	11680sa				
2100	2200	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu	9765ca	11940va	15125af	
2100	2200		Syria, R Damascus	English	9330va				
2100	2200		Taiwan, R Taiwan Intl	German	3965eu				
2100	2200		Tajikistan, R Tojikiston/TR1	Russian	4765do				
2100	2200		Tunisia, RTV/R Tunisia	Arabic	7345af				
2100	2200		UK, BBC World Service	English	3255af	3915as	5875as	5905as	
					5995af	6190af	6195as	9410af	
					9915af	12095af			
2100	2200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
2100	2200		USA, BBG/R Free Asia	Korean	7460as	9385as	11995as		
2100	2200		USA, BBG/R Free Asia	Mandarin	6025as	6095as	7355as	7495as	
					9355as	9455as	9875as	11945as	
2100	2200		USA, BBG/R Marti	Spanish	9565ca	11930ca	13820ca		
2100	2200		USA, BBG/VO America	English	6080af	15580af			
2100	2200		USA, Overcomer Ministry	English	9370va				
2100	2200	Sat/Sun	USA, Overcomer Ministry	English	9980na				
2100	2200		USA, WBCQ Monticello ME	English	7490na	9330na			
2100	2200		USA, WEWN/EWTN Irondale AL	English	15610me				
2100	2200		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830ca			
2100	2200		USA, WHRI Cypress Creek SC	English	9490eu	21630af			
2100	2200		USA, WINB Red Lion PA	English	9265ca				
2100	2200	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
2100	2200		USA, WTWW Lebanon TN	English	9479na	9930sa			
2100	2200	fasmt	USA, WTWW Lebanon TN	French	12105eu				
2100	2200		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na	
2100	2200		USA, WWRB Manchester TN	English	3215na	9370na			
2100	2200		Vanuatu, R Vanuatu	Bislama/English/French	3945do				
2100	2200		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars	7435do		9635do		
2100	2200	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
2100	2200		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
2100	2200	irreg	Zimbabwe, VO Zimbabwe/Ext Svc	English/Ndebele/Shona		4828do			
2100	2200	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2105	2158		Algeria, R Algerienne	Arabic	7495af				
2115	2130	mtwhf	Moldova, R PMR/Pridnestrovye	German	7290eu				
2115	2145		Ecuador, HCJB/LV de los Andes	Arabic	7335af				
2125	2200		Vanuatu, R Vanuatu	Bislama/English/French		3945do	7260do		
2130	2145	mtwhf	Moldova, R PMR/Pridnestrovye	French	7290eu				
2130	2156	DRM	Romania, R Romania Intl	English	6030eu				
2130	2156		Romania, R Romania Intl	English	7310na	7380eu	9435na		
2130	2157		China, China R International	Hungarian	6145eu	7250eu			
2130	2200		Australia, NT VL8A Alice Springs	English	4835do				
2130	2200		Australia, NT VL8K Katherine	English	5025do				
2130	2200		Australia, NT VL8T Tennant Creek	English	4910do				
2130	2200		China, China R International	French	11975eu	13630eu			
2130	2200		China, Hulun Buir PBS	Chinese	3900do				
2130	2200		Cuba, R Havana Cuba	Portuguese	11880af				
2130	2200	mtwhf	Ecuador, HCJB/LV de los Andes	Cha'palaa	6050sa				
2130	2200		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian		5950eu	9710eu		
2130	2200		Japan, R Japan/NHK World	Portuguese	11960sa				

2130	2200		Serbia, International R Serbia	French	6100eu				
2130	2200		Turkey, VO Turkey	English	9610as				
2130	2200		USA, BBG/RFE/RL/R Farda	Farsi	5850as	7520as	7580as		
2130	2200	mtwhf	USA, BBG/VO America	Bambura	7325af	9620af	12025af	13670af	
2130	2200	mtwhf	USA, BBG/VO America	French	7325af	9620af	12025af	13670af	
2130	2200		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7370eu				
2140	2159		Vatican City State, Vatican R	Arabic	3975va	6040va	7250va		
2145	2200	mtwhf	Moldova, R PMR/Pridnestrovye	English	7290eu				
2145	2200	smthfa	UK, FEBA Radio	Hassinya/Pulaar	11985af				
2145	2200		UK, FEBA Radio	Pulaar	11985af				
2145	2200		Vietnam, VO Vietnam 1/Buon Ma Thuot	Vietnamese/vernaculars		7210do			
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, Nei Menggu PBS	Chinese	7420do	9520do			
2150	2200		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
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/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do		
2155	2200		China, VO Shenzhen	Amoy/Chinese	6165do	9170do			

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

2200	2205		USA, BBG/VOA/R Ashna	Pashto	7560as				
2200	2215	smthfa	UK, FEBA Radio	Hassinya/Pulaar	11985af				
2200	2215		UK, FEBA Radio	Pulaar	11985af				
2200	2215	irreg	Yemen, Rep of Yemen R/R Sana'a	Arabic	9780me				
2200	2225		Turkey, VO Turkey	English	9610as				
2200	2227		China, China R International	French	6115eu	7350eu	11975af	13630af	
2200	2227		Iran, VO Islamic Rep of Iran	Bosnian Serbo-Croatian		5950eu	9710eu		
2200	2230	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do			
2200	2230		India, AIR/External Svc	English	9910pa	11620pa	11670eu	11740pa	
2200	2230	DRM	India, AIR/External Svc	English	9950eu				
2200	2230		Indonesia, AWR Asia/Pacific	Indonesian	15320as				
2200	2230	sth	Indonesia, AWR Asia/Pacific	Javanese	15260as				
2200	2230	mwfa	Indonesia, AWR Asia/Pacific	Sudanese	15260as				
2200	2230		Indonesia, RRI Fak Fak	Indonesian	4790do				
2200	2230		Laos, LNR Natl Svc/Vientane	Hmong	6130do				
2200	2230		Serbia, International R Serbia	English	6100eu				
2200	2230		South Korea, KBS World R	English	3955eu				
2200	2230		Vatican City State, Vatican R	Chinese	7395as	9600as	15460as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Chinese	7216as	12000as			
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as			
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7285as				
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7370eu				
2200	2245		Egypt, R Cairo	English	11890eu	12050al			
2200	2245		Zambia, Zambia Natl BC	Bemba/English/vernaculars		5915do	6165do		
2200	2250		Greece, R Stathmos Makedonias	Greek	7450va				
2200	2250		Greece, Voice of Greece	Greek	15650eu				
2200	2255		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870va			
2200	2255		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820va	11915af	11930af		
2200	2255	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu	11625af	11940va	15125sa	
2200	2256		Romania, R Romania Intl	Spanish	9790sa	11870sa			
2200	2257		China, China R International	Chinese	5965af	6100as	6140af	7220as	
					7305af	7325as	7430as	7440af	
2200	2257		China, China R International	English	5915eu				
2200	2257		China, China R International	Esperanto	7315eu	9860eu			
2200	2257		China, China R International	Japanese	5985as	7440as			
2200	2257		China, China R International	Korean	7210as				
2200	2257		China, China R International	Portuguese	6175eu	7260eu	9410eu	9685sa	
2200	2257		China, China R International	Spanish	6020eu	6100eu	7210eu	7250sa	
					9640eu				
2200	2257		North Korea, VO Korea	Chinese	7235as	9345as	9975as	11535as	
2200	2257		North Korea, VO Korea	Japanese	3250as	7580as	9650as		
2200	2257		North Korea, VO Korea	Spanish	7570eu	12015eu			
2200	2257		Philippines, R Veritas Asia	Mandarin	6115as				
2200	2258		Algeria, R Algerienne	Arabic	7495af				
2200	2300		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
2200	2300		Angola, R Nac de Angola/Intl Svc	Portuguese	7217af				
2200	2300		Anguilla, University Network	English	6090na				
2200	2300	mtwhf	Argentina, RAE	Spanish	6060am	11710am	15345eu		
2200	2300		Australia, ABC/R Australia	English	9660as	9855as	12080pa	13630pa	
					15230pa	15415pa	15515pa	21740pa	
2200	2300		Australia, ABC/R Australia	Indonesian	9890as	11695as	11830as		
2200	2300		Australia, NT VL8A Alice Springs	English	4835do				
2200	2300		Australia, NT VL8K Katherine	English	5025do				

2200	2300	Australia, NT VL8T Tennant Creek	English	4910do			
2200	2300	Australia, Symban World R	Greek	2369do			
2200	2300	Bahrain, R Bahrain/Gen Prg	Arabic	9745me			
2200	2300	Belarus, R Belarus	Russian	6155eu	11730eu		
2200	2300	Bolivia, R Camargo	Spanish/Aymara	3390do			
2200	2300	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
2200	2300	Bolivia, R Fides	Spanish/Aymara	6155do			
2200	2300	Bolivia, R Illimani	Spanish/Aymara/Quechua		6025do		
2200	2300	Bolivia, R Lipez	Spanish/Aymara	4796do			
2200	2300	Bolivia, R Lagos	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, R Alvorada/Londrina	Portuguese	4865do			
2200	2300	Brazil, R Alvorada/Paritins	Portuguese	4965do			
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 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	4878do			
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 Educacao Rural/Tefe	Portuguese/vernaculars		4925do		
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	11915do			
2200	2300	Brazil, R Gazeta	Portuguese	5955do	9685do		
2200	2300	Brazil, R Guaiaba	Portuguese	6000do	11785do		
2200	2300	Brazil, R Guaruja Paulista	Portuguese	5045do			
2200	2300	Brazil, R Guaruja/Florianopolis	Portuguese	5980do			
2200	2300	Brazil, R Iguatemi	Portuguese	4975do			
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	9515do		
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 Rural	Portuguese	4765do			
2200	2300	Brazil, R Verdes Florestas	Portuguese	4865do			
2200	2300	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
2200	2300	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do		
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	Canada, CFRX Toronto ON	English	6070do			
2200	2300	Canada, CFVP Calgary AB	English	6030do			
2200	2300	Canada, CKZN St Johns NF	English	6160do			
2200	2300	Canada, CKZU Vancouver BC	English	6160do			

2200	2300		China, China Business R	Chinese	3985do 6090do 7265do 7375do 9645do 9820do	6000do 6155do 7315do 7425do 9675do 11740do	6040do 6190do 7335do 9515do 9755do 11750do	6065do 7245do 7370do 9620do 9775do
2200	2300		China, China Natl R/CNR 11	Tibetan	4905do 7350do	4920do 7360do	5240do 9480do	6010do
2200	2300		China, Hulun Buir PBS	Chinese	3900do			
2200	2300		China, Hunan PBS	Chinese	3900do			
2200	2300		China, Nei Menggu PBS	Chinese	7420do	9520do		
2200	2300		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
2200	2300		China, Qinghai PBS-1	Chinese	4750do	6145do		
2200	2300		China, VO China	Chinese	4750do 6030do 6175do 7290do 9500do 9845do 12055do	4800do 6080do 6180do 7305do 9655do 9890do 13690do	5945do 6125do 7215do 7345do 9810do 11710do 15290do	6000do 6145do 7275do 9455do 9830do 11925do
2200	2300		China, VO Minorities	Korean	5955do	5975do		
2200	2300		China, VO Shenzhen	Amoy/Chinese	6165do	9170do		
2200	2300		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do
2200	2300		China, Xinjiang PBS	Chinese	4820do	5935do	6050do	7240do
2200	2300		China, Xizang PBS	Chinese	4820do 7240do	5935do 7450do	6050do	6145do
2200	2300		China, Xizang PBS	English/Tibetan	4905do 6130do	4920do 7385do	5240do	6110do
2200	2300		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
2200	2300		Clandestine, Echo of Unification	Korean	6250as			
2200	2300		Clandestine, Sound of Hope R Intl	Chinese	7970as 12670as	9970as 12800as	10960as 13270as	12230as 15940as
2200	2300		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
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		Cuba, R Havana Cuba	English	11880af			
2200	2300		Cuba, R Havana Cuba	Spanish	9710ca 17705sa	9810na	11840sa	15340eu
2200	2300		Cuba, R Rebelde	Spanish	5025na			
2200	2300		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu			
2200	2300		Dominican Rep, R Amanecer Intl	Spanish	6025do			
2200	2300		Ecuador, Centro R de Imbabura	Spanish	3380do			
2200	2300	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
2200	2300		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
2200	2300		Egypt, R Cairo	Arabic	17485af			
2200	2300		Egypt, R Cairo	Arabic/General Svc	9305	ei		
2200	2300		Egypt, R Cairo	French	15210af			
2200	2300		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al		
2200	2300		Eq Guinea, Pan Am BC/R Africa	English	15190af			
2200	2300		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
2200	2300	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu
2200	2300	DRM	France, R France International	French	3965eu			
2200	2300		Gabon, Africa No. 1	French	9580af			
2200	2300		Germany, R 6150	English	6070eu			
2200	2300		Germany, R 700	German/various	3955eu			
2200	2300		Guatemala, R Verdad	English/Spanish	4055do			
2200	2300	irreg	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, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
2200	2300		Indonesia, AWR Asia/Pacific	Mandarin	11685as	15370as		
2200	2300		Indonesia, RRI Jakarta	Indonesian	9680do			
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		Indonesia, VO Indonesia	Japanese	9526va			
2200	2300		Iran, VO Islamic Rep of Iran	Arabic	6060as			
2200	2300		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2200	2300		Japan, R Japan/NHK World	Japanese	9620va	11665as	11910va	
2200	2300		Kuwait, R Kuwait/General Svc	Arabic	17550va			
2200	2300		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			

2200	2300		Malaysia, RTM Kajang/Traxx FM	English	7295do				
2200	2300		Malaysia, RTM Salam FM	Malay/minority languages		6050do			
2200	2300		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do				
2200	2300		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do				
2200	2300		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do			
2200	2300		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do			
2200	2300		Micronesia, V6MP/Cross R/Pohnpei	English	4755				
2200	2300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	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	mtwhf	Nigeria, VO Nigeria	Hausa	7255af				
2200	2300		Palau, T8WH/World Harvest R	English	15180na	15680as			
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, Aroma Cafe R	Spanish	6060do				
2200	2300		Peru, La Voz de la Selva	Spanish	4824do				
2200	2300		Peru, La Voz de las Huarinjas	Spanish	5059do				
2200	2300		Peru, Ondas del Hualлага	Spanish	3330do				
2200	2300		Peru, R Altura	Spanish/Quechua	5014do				
2200	2300		Peru, R Ancash	Spanish	4992do				
2200	2300		Peru, R Bella	Spanish	4300do				
2200	2300		Peru, R Bethel	Spanish	5921do				
2200	2300		Peru, R Chaski/Red R Integridad	Spanish	5980do				
2200	2300		Peru, R Cultural Amauta	Spanish	4955do				
2200	2300		Peru, R Cusco	Spanish	4780do	4800al			
2200	2300		Peru, R Genesis	Spanish	4850do				
2200	2300		Peru, R Horizonte	Spanish	5020do				
2200	2300		Peru, R Luz Sonida	Spanish	3235do				
2200	2300		Peru, R Madre de Dios	Spanish	4950do				
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	6175do				
2200	2300		Peru, R Union	Spanish	6115do				
2200	2300		Peru, R Universal	Spanish	6088do				
2200	2300		Peru, R Victoria	Spanish	6020do	9722do			
2200	2300		Peru, R Virgen del Carmen	Spanish	4887do				
2200	2300		Peru, R Vision	Spanish	4790do				
2200	2300		Peru, R Voz Cristiana	Spanish/Quechua	4987do				
2200	2300		Russia, VO Russia	English	9395ca				
2200	2300		Russia, VO Russia	Portuguese	9750sa				
2200	2300		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
2200	2300		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
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	Sat/Sun	Spain, R Exterior de Espana	English	6125eu				
2200	2300		Syria, R Damascus	Spanish	9330eu				
2200	2300		Taiwan, R Taiwan Intl	Chinese	6105as	6150as	11700as	11635as	
					11885as				
2200	2300		Taiwan, R Taiwan Intl	English	6115na	15440na			
2200	2300		Taiwan, R Taiwan Intl	Thai	7445as				
2200	2300		Tajikistan, R Tojikiston/TR1	Russian	4765do				
2200	2300		Tunisia, RTV/R Tunisia	Arabic	7345af				
2200	2300		UK, BBC World Service	English	3915as	5875as	5885af	5905as	
					6135as	6195as	7490as		
2200	2300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
2200	2300		USA, BBG/R Free Asia	Cantonese	7250as	9780as	11775as		
2200	2300		USA, BBG/R Free Asia	Tibetan	6005as	7470as	9835as		
2200	2300		USA, BBG/R Marti	Spanish	6030ca	7405ca	9565ca		

2200	2300		USA, BBG/RFE/RL/R Farda	Farsi	5850as	7520as	7580as		
2200	2300		USA, BBG/VO America	Chinese	6045as	7440as	9545as	9755as	
					9875as	11925as			
2200	2300	smtwhf	USA, BBG/VO America	English	5895va	7365va	7425va	7480va	
					11860va				
2200	2300	f	USA, Hmong World Christian R	Hmong	9930as				
2200	2300		USA, Overcomer Ministry	English	5900eu	9370va	9980na		
2200	2300		USA, WBCQ Monticello ME	English	7490na	9330na			
2200	2300		USA, WEWN/EWTN Irondale AL	English	15610me				
2200	2300		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830ca			
2200	2300		USA, WHRI Cypress Creek SC	English	9490eu	9505eu			
2200	2300		USA, WINB Red Lion PA	English	9265ca				
2200	2300		USA, WRMI Miami FL	English/Spanish	9955am				
2200	2300		USA, WTWW Lebanon TN	English	9479na	9930sa			
2200	2300	fasmt	USA, WTWW Lebanon TN	French	12105eu				
2200	2300		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na	
2200	2300		USA, WWRB Manchester TN	English	3215na	9370na			
2200	2300		USA, WYFR/Family R	Portuguese	17575sa				
2200	2300		Vanuatu, R Vanuatu	Bislama/English/French		3945do	7260do		
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	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do			
2209	2230		Japan, R Japan/NHK World	Korean	9560as				
2215	2245	fas	Cyprus, Cyprus BC	Greek	6135eu	7220eu	9760eu		
2215	2300		Egypt, R Cairo	Portuguese	13810sa	15480al			
2220	2300		China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
2220	2300		India, AIR/Srinagar	Hindi/English/vernaculars		4950do			
2225	2300		China, VO the Strait	Chinese	4940do	9505do			
2230	2250		Japan, R Japan/NHK World	Chinese	9560as				
2230	2257		China, China R International	Chinese	5965af	6100as	6140af	7220as	
					7305af	7325as	7405as	7430af	
					7440af	11975as	15505as		
2230	2300	Sat/Sun	Australia, HCJB Global Australia	Japanese	15525as				
2230	2300	mtwhf	Australia, HCJB Global Australia	Mandarin	15525as				
2230	2300		China, China Huayi BC	Amoy/Chinese	6185do				
2230	2300		China, VO the Strait	Amoy/Hakka	7280do				
2230	2300		China, Xizang PBS	English	4905do				
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	15320as				
2230	2300		Iran, VO Islamic Rep of Iran	Malay	9775as	11800as			
2230	2300		Laos, LNR Natl Svc/Vientane	Khmu	6130do				
2230	2300		Philippines, FEBC Philippines	Chinese	9405as				
2230	2300		Philippines, FEBC Philippines	Iu Mien	9370as				
2230	2300	f	Serbia, International R Serbia	Serbian	6100eu				
2230	2300		USA, BBG/R Free Asia	Khmer	5840as	11840as			
2230	2300		USA, BBG/VO America	Special English	5820va	7460va	9570va		
2230	2300		USA, Suab Xaa Moo Zoo/VO Hope	Hmong	7530as				
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		Colombia, Salem Stereo	Spanish	14950do				
2245	2300		Germany, HCJB Global Voice	Kulina	11920sa				
2245	2300		India, AIR/External Svc	English	9690as	9705as	11710as	13605as	
2245	2300	DRM	India, AIR/External Svc	English	11645as				
2250	2300		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
2255	2300		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
2255	2300		Greece, Voice of Greece	Greek	7475va	15650ca			

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

2300	0000		Angola, R Nac de Angola/Canal A	Portuguese	4950do				
2300	0000		Angola, R Nac de Angola/Intl Svc	Portuguese	7217af				
2300	0000		Anguilla, University Network	English	6090na				
2300	0000	mtwhf	Argentina, RAE	Spanish	6060am	11710eu	15345eu		
2300	0000		Australia, ABC/R Australia	English	9660as	9855as	12080pa	15230pa	
					15415pa	17795pa	19000pa	21740pa	
2300	0000		Australia, NT VL8A Alice Springs	English	4835do				
2300	0000		Australia, NT VL8K Katherine	English	5025do				
2300	0000		Australia, NT VL8T Tennant Creek	English	4910do				
2300	0000		Australia, Symban World R	Greek	2369do				
2300	0000		Bahrain, R Bahrain/Gen Prg	Arabic	9745me				
2300	0000		Bolivia, R Camargo	Spanish/Aymara	3390do				

2300	0000	Bolivia, R Fides	Spanish/Aymara	6155do				
2300	0000	Bolivia, R Illimani	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, R Alvorada/Londrina	Portuguese	4865do				
2300	0000	Brazil, R Alvorada/Paritins	Portuguese	4965do				
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 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	Portuguese	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	4878do				
2300	0000	Brazil, R Difusora/Caceres	Portuguese	5055do				
2300	0000	Brazil, R Difusora/Londrina	Portuguese	4815do				
2300	0000	Brazil, R Difusora/Macapa	Portuguese	4915do				
2300	0000	Brazil, R Educacao Rural/Coari	Portuguese	5035do				
2300	0000	Brazil, R Educacao Rural/Tefe	Portuguese/vernaculars		4925do			
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	11915do				
2300	0000	Brazil, R Gazeta	Portuguese	5955do	9685do			
2300	0000	Brazil, R Guaiaba	Portuguese	6000do	11785do			
2300	0000	Brazil, R Guaruja Paulista	Portuguese	5045do				
2300	0000	Brazil, R Guaruja/Florianopolis	Portuguese	5980do				
2300	0000	Brazil, R Iguatemi	Portuguese	4975do				
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	9515do			
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 Rural	Portuguese	4765do				
2300	0000	Brazil, R Verdes Florestas	Portuguese	4865do				
2300	0000	Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
2300	0000	Brazil, Super R Boa Vontade	Portuguese	6160do	9550do			
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, CFRX Toronto ON	English	6070do				
2300	0000	Canada, CFVP Calgary AB	English	6030do				
2300	0000	Canada, CKZN St Johns NF	English	6160do				
2300	0000	Canada, CKZU Vancouver BC	English	6160do				
2300	0000	irreg/Sat	Chad, Natl du Tchadadienne	Arabic/French/vernaculars	6165do			
2300	0000	sm	China, Beibu Bay R	Chinese	5050do			
2300	0000		China, Beibu Bay R	Vietnamese	9820do			
2300	0000		China, China Business R	Chinese	3985do	6000do	6040do	6065do
					6090do	6155do	6190do	7220do
					7245do	7265do	7315do	7335do
					7370do	7375do	7425do	9515do
					9620do	9645do	9675do	9755do
					9775do	9810do	9820do	11610do
					11740do	11750do		

2300	0000		China, China Huayi BC	Amoy/Chinese	6185do				
2300	0000		China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do		
2300	0000		China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
2300	0000		China, Hulun Buir PBS	Chinese	3900do				
2300	0000		China, Nei Menggu PBS	Chinese	7420do	9520do			
2300	0000		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do		
2300	0000		China, Qinghai PBS	Tibetan (Amdo dialect)	4220do	5990do	9850do		
2300	0000		China, Qinghai PBS-1	Chinese	4750do	6145do			
2300	0000		China, VO China	Chinese	4750do	4800do	5945do	6000do	
					6030do	6080do	6125do	6145do	
					6175do	6180do	7215do	7275do	
					7290do	7305do	7345do	9455do	
					9500do	9655do	9810do	9830do	
					9845do	9890do	11710do	11925do	
					12055do	13610do	13700do		
2300	0000		China, VO Minorities	Korean	5955do	5975do			
2300	0000		China, VO Minorities	Mongolian	5955do	7445do			
2300	0000		China, VO Shenzhou	Amoy/Chinese	6165do	9170do			
2300	0000		China, VO the Strait	Amoy/Hakka	7280do				
2300	0000		China, VO the Strait	Chinese	4940do	9505do			
2300	0000		China, VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
2300	0000		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	7450do			
2300	0000		China, Xizang PBS	English/Tibetan	4905do	4920do	5240do	6110do	
					6130do	7385do			
2300	0000		China, Yunnan PBS-2	Chinese/Lahu/Yunnan	7210do				
2300	0000	Sat/Sun	Clandestine, R Republica	Spanish	5954ca				
2300	0000		Clandestine, Sound of Hope R Intl	Chinese	7970as	9970as	10960as	12230as	
					12670as	12800as	13270as	15940as	
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		Colombia, Salem Stereo	Spanish	14950do				
2300	0000		Cuba, R Havana Cuba	Spanish	9710ca	9810na	11840sa	15340eu	
					17705sa				
2300	0000		Cuba, R Rebelde	Spanish	5025na				
2300	0000		Cyprus, (Northern) R Bayrak Intl	Turkish	6150eu				
2300	0000		Dominican Rep, R Amanecer Intl	Spanish	6025do				
2300	0000		Ecuador, Centro R de Imbabura	Spanish	3380do				
2300	0000		Ecuador, HCJB/LV de los Andes	Portuguese	11920sa				
2300	0000	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2300	0000		Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
2300	0000		Egypt, R Cairo	Arabic/General Svc	9305eu				
2300	0000		Egypt, R Cairo	English	9965am	11510al			
2300	0000		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af	9295al			
2300	0000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu	6170eu	11690eu	11720eu	
2300	0000		France, R France International	Chinese	7310as	9955as			
2300	0000	DRM	France, R France International	French	3965eu				
2300	0000		Germany, HCJB Global Voice	Portuguese	11920sa				
2300	0000		Germany, R 6150	English	6070eu				
2300	0000		Germany, R 700	German/various	3955eu				
2300	0000		Greece, Voice of Greece	Greek	7475va	15650ca			
2300	0000		Guatemala, R Verdad	English/Spanish	4055do				
2300	0000	irreg	Guinea, RTV Guinee	French/vernacular	7125do				
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, AIR/External Svc	English	6055as	9690as	9705as	11710as	
					13605as				
2300	0000	DRM	India, AIR/External Svc	English	11645as				
2300	0000		India, AIR/External Svc	Hindi	9910as	11740as	13795as		
2300	0000		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
2300	0000		Indonesia, AWR Asia/Pacific	Mandarin	11700as	15370as			
2300	0000	smhfa	Indonesia, AWR Asia/Pacific	Vietnamese	17700as				
2300	0000		Indonesia, RRI Jakarta	Indonesian	9680do				
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	6060as				
2300	0000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
2300	0000		Japan, R Japan/NHK World	Japanese	11910va				
2300	0000		Japan, R Nikkei/Pgm 1	Japanese	3925do	6055do	9595do		
2300	0000	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945do	6115do	9760do		
2300	0000	fa	Japan, R Nikkei/Pgm 2	Japanese	9760do				

2300	0000		Kuwait, R Kuwait/General Svc	Arabic	17550va			
2300	0000		Malaysia, RTM Kajang/Klasik Nasional	Malay	5965do			
2300	0000		Malaysia, RTM Kajang/Traxx FM	English	7295do			
2300	0000		Malaysia, RTM Salam FM	Malay/minority languages		6050do		
2300	0000		Malaysia, RTM Sarawak FM/Kajang	Malay	9835do			
2300	0000		Malaysia, RTM Sarawak/Kajang Wai FM	Malay	11665do			
2300	0000		Mali, ORTM/R Mali	Arabic/Bambara/English/French		5995do		
2300	0000		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
2300	0000		Mexico, R Educacion	Spanish/English	6185do			
2300	0000		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
2300	0000		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do		7260do
2300	0000		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9575va			
2300	0000		Myanmar, Myanma R	Burmese	5985do			
2300	0000		New Zealand, R New Zealand Intl	English	15720pa			
2300	0000	DRM	New Zealand, R New Zealand Intl	English	17675pa			
2300	0000		Palau, T8WH/World Harvest R	English	7385na	15680as		
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, Aroma Cafe R	Spanish	6060do			
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	4992do			
2300	0000		Peru, R Bella	Spanish	4300do			
2300	0000		Peru, R Bethel	Spanish	5921do			
2300	0000		Peru, R Chaski/Red R Integridad	Spanish	5980do			
2300	0000		Peru, R Cultural Amauta	Spanish	4955do			
2300	0000		Peru, R Cusco	Spanish	4780do	4800al		
2300	0000		Peru, R Genesis	Spanish	4850do			
2300	0000		Peru, R Horizonte	Spanish	5020do			
2300	0000		Peru, R JPJ del Peru	Spanish	3355do			
2300	0000		Peru, R Luz Sonida	Spanish	3235do			
2300	0000		Peru, R Madre de Dios	Spanish	4950do			
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 Sicuani	Spanish/Quechua	4826do			
2300	0000		Peru, R Tarma	Spanish	4775do			
2300	0000		Peru, R Tarma	Spanish	4775do			
2300	0000		Peru, R Tawantinsuyo	Spanish/Quechua	6175do			
2300	0000		Peru, R Union	Spanish	6115do			
2300	0000		Peru, R Universal	Spanish	6088do			
2300	0000		Peru, R Victoria	Spanish	6020do	9722do		
2300	0000		Peru, R Virgen del Carmen	Spanish	4887do			
2300	0000		Peru, R Vision	Spanish	4790do			
2300	0000		Peru, R Voz Cristiana	Spanish/Quechua	4987do			
2300	0000		Philippines, FEBC Philippines	Chinese	9405as	12070as		
2300	0000		Romania, R Romania Intl	English	6015eu	7220eu	9530as	11810as
2300	0000		Russia, VO Russia	English	9395ca			
2300	0000		Russia, VO Russia	Portuguese	9750sa			
2300	0000		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
2300	0000		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
2300	0000		South Africa, R Sonder Grense	Afrikaans	3320do			
2300	0000		South Korea, KBS World R	Chinese	9805as			
2300	0000		Spain, R Exterior de Espana	French	6055af			
2300	0000		Spain, R Exterior de Espana	Spanish	6125va	7265af	9620sa	
2300	0000	Sat/Sun	Spain, R Exterior de Espana	Spanish	11625af			
2300	0000		Taiwan, R Taiwan Intl	Chinese	6105as	6150as	9660as	11635as
					11700as	15440as	mi0313	
2300	0000		Taiwan, R Taiwan Intl	Spanish	9690ca			
2300	0000		Taiwan, R Taiwan Intl	Thai	7445as			
2300	0000		Tajikistan, R Tojikiston/TR1	Russian	4765do			

2300	0000		UK, BBC World Service	English	3915as 6195as	5875as 7490as	5980as 9740as	6135as 11955as
2300	0000		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
2300	0000		USA, BBG/R Free Asia	Mandarin	9585as	11775as	11975as	15550as
2300	0000		USA, BBG/R Free Asia	Tibetan	6010as	7470as	7550as	9875as
2300	0000		USA, BBG/R Marti	Spanish	6030ca	7405ca	9565ca	
2300	0000		USA, BBG/RFE/RL/R Farda	Farsi	5850as	7520as		
2300	0000		USA, BBG/VO America	Burmese	7430as	9325as	12120as	
2300	0000		USA, BBG/VO America	English	5830va	7365va	7480va	11860va
2300	0000		USA, Overcomer Ministry	English	9370va			
2300	0000	mtwhf	USA, Overcomer Ministry	English	9980na			
2300	0000		USA, WBCQ Monticello ME	English	7490na	9330na		
2300	0000	Sat/Sun	USA, WBCQ Monticello ME	English	5110na			
2300	0000		USA, WEWN/EWTN Irondale AL	English	15610me			
2300	0000		USA, WEWN/EWTN Irondale AL	Spanish	12050ca	13830ca		
2300	0000	smtwhf	USA, WHRI Cypress Creek SC	English	7315ca	9490eu		
2300	0000	Sat	USA, WHRI Cypress Creek SC	English	7315ca	9505eu		
2300	0000	smtwhf	USA, WHRI Cypress Creek SC	English	9490eu			
2300	0000		USA, WINB Red Lion PA	English	9265ca			
2300	0000		USA, WTWW Lebanon TN	English	5085na	9479na		
2300	0000	asmtw	USA, WTWW Lebanon TN	Spanish	12105eu			
2300	0000		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na
2300	0000		USA, WWRB Manchester TN	English	3215na	9370na		
2300	0000		USA, WYFR/Family R	Portuguese	11565sa			
2300	0000		USA, WYFR/Family R	Spanish	13695sa			
2300	0000		Vanuatu, R Vanuatu	Bislama/English/French		3945do	7260do	
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	irreg	Zimbabwe, Zimbabwe BC	English/Ndebele/Shona		6045do		
2300	2215		Indonesia, RRI Wamena	Indonesian	4870do			
2300	2305		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
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		India, AIR/Srinagar	Hindi/English/vernaculars		4950do		
2300	2315		Indonesia, RRI Serui	Indonesian	4605do			
2300	2320		Japan, R Japan/NHK World	Thai	13650as			
2300	2325		China, CNR/Fujian	Chinese	5040do			
2300	2327		Iran, VO Islamic Rep of Iran	Malay	9775as	11800as		
2300	2327		Philippines, R Veritas Asia	Filipino	15355as			
2300	2330		Australia, ABC/R Australia	Burmese	5955as			
2300	2330		Australia, ABC/R Australia	Indonesian	11695as	11830as		
2300	2330	mtwhf	Australia, HCJB Global Australia	Fujian	15525as			
2300	2330	Sat/Sun	Australia, HCJB Global Australia	Mandarin	15525as			
2300	2330		Bolivia, R Lipez	Spanish/Aymara	4796do			
2300	2330		China, China Business R	Chinese	6065do 9620do	6090do	6155do	9515do
2300	2330		Cuba, R Havana Cuba	Creole	15370sa			
2300	2330		Ecuador, HCJB/LV de los Andes	German	9835sa			
2300	2330		Egypt, R Cairo	Portuguese	13810sa	15480al		
2300	2330		Germany, HCJB Global Voice	German (Low)	9835sa			
2300	2330	tw	Indonesia, AWR Asia/Pacific	Vietnamese	17700as			
2300	2330		Japan, R Japan/NHK World	Indonesian	11665as			
2300	2330	Sat/Sun	Philippines, FEBC Philippines	Hmong-Blue/Njua	12095as			
2300	2330	mtwhf	Philippines, FEBC Philippines	Hmong-White/Daw	12095as			
2300	2330		Philippines, FEBC Philippines	Mon	9795as			
2300	2330		USA, BBG/R Free Asia	Khmer	5840as	11840as		
2300	2330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as		
2300	2355		India, AIR/Port Blair	Hindi/English/Nicobarese		4760do		
2300	2355		Turkey, VO Turkey	English	5960na			
2300	2357		China, China R International	Cambodian	9765as	11990	ss	
2300	2357		China, China R International	Cantonese	6140as 11935as	7325as	9425as	9460as
2300	2357		China, China R International	Chinese	7295as 11975as	7300as	7425as	9555as
2300	2357		China, China R International	English	5915as 7415as	5990ca 9535as	6145na 11790as	7350eu
2300	2357		China, China R International	Japanese	9435as			
2300	2357		China, China R International	Mongolian	6185as	7205as		
2300	2357		China, China R International	Portuguese	6100ca	13650sa		
2300	2357		China, China R International	Russian	5990as	7405as		
2300	2357		China, China R International	Spanish	6175eu 9800eu	7210eu	7250eu	9590sa

2300	2357		China, China R International	Vietnamese	7220as	9415as		
2300	2357		North Korea, Korean Central BC Sta	Korean	7235as	7570eu	9345as	9975as
					11535as	12015eu		
2300	2357		North Korea, VO Korea	Japanese	3250as	7580as	9650as	
2315	0000		Nepal, R Nepal	Nepali	5005do			
2315	0000		Vatican City State, Vatican R	Vietnamese	9600as	12035as		
2320	2340		Japan, R Japan/NHK World	Vietnamese	13650as			
2330	0000		Australia, ABC/R Australia	English	17750pa			
2330	0000		China, China Business R	Chinese	3985do	6065do	11670do	
2330	0000		China, China R International	Sinhalese	6100as	7260as		
2330	0000		China, VO China	Chinese	4750do	9645do	9675do	11720do
					13610do			
2330	0000		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7230do
					7260do	7310do	7340do	9510do
2330	0000		China, Xinjiang PBS	Kazakh	4330do	6015do		
2330	0000		China, Xinjiang PBS	Uyghur	3990do	4980do	6120do	7205do
					9560do			
					7510as			
2330	0000		Clandestine, Dem VO of Burma	Burmese	7510as			
2330	0000		Cuba, R Havana Cuba	Portuguese	15230sa	15370sa		
2330	0000	mtwhf	Ecuador, HCJB/LV de los Andes	Shuar	6050sa			
2330	0000		Egypt, R Cairo	Arabic	9250ca	9290sa	13855al	
2330	0000	tw	Indonesia, AWR Asia/Pacific	English	17700as			
2330	0000		Iran, VO Islamic Rep of Iran	Chinese	5915as	6110as	7325as	
2330	0000		Myanmar, Myanma R	minority languages	5915do	7200do		
2330	0000		Myanmar, Thazin R	Burmese	6030do			
2330	0000		Peru, R Frecuencia	Spanish	5485do			
2330	0000		Peru, R La Voz Bolivar	Spanish	5460do			
2330	0000		Peru, R Logos	Bora/Quechua/Spanish		4810do		
2330	0000		Philippines, FEBC Philippines	Burmese	15600as			
2330	0000		Philippines, FEBC Philippines	Laotian	9795as			
2330	0000		Taiwan, R Taiwan Intl	Vietnamese	11655as			
2330	0000		USA, BBG/R Free Asia	Vietnamese	9920as	11605as	11965as	15170as
2330	0000		USA, WYFR/Family R	English	6115na			
2330	0000		Vietnam, VO Vietnam 4/Xuan Mai	Vietnamese/vernaculars		6165do		
2330	0000		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
2330	2345	Sun	India, Athmik Yatra R	Bantawa	7240as			
2330	2345	tw	India, Athmik Yatra R	Gurung	7240as			
2330	2345	fa	India, Athmik Yatra R	Limbu	7240as			
2330	2345	m	India, Athmik Yatra R	Lungeli-Magar	7240as			
2330	2345	h	India, Athmik Yatra R	Sherpa	7240as			
2330	2345		Philippines, FEBC Philippines	Palaung/Pale	12055as			
2330	2357		Philippines, R Veritas Asia	Kachin	9645as			
2330	2357		Philippines, R Veritas Asia	Myanmar	9720as			
2330	2357		Philippines, R Veritas Asia	Vietnamese	9670as			
2340	0000		Japan, R Japan/NHK World	Burmese	13650as			
2345	0000		Australia, HCJB Global Australia	Bahasa	15400as			
2345	0000	tw	India, Athmik Yatra R	Burmese	7240as			
2345	0000	sm	India, Athmik Yatra R	Chin	7240as			
2345	0000	fa	India, Athmik Yatra R	Karbi	7240as			
2345	0000		Philippines, FEBC Philippines	Tai-Lu	12055as			
2355	0000		China, China Natl R/CNR13	Uyghur	9420do	9655do	9890do	
2355	0000		India, AIR/Mumbai	Hindi/English/Marathi	4840do			

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Afghanistan, R Afghanistan.....	www.rta.org.af
Albania, R Tirana	http://rtsh.sil.at/
Algeria, R Algerienne.....	www.radioalgerie.dz/
Angola, R Nac de Angola/Canal A	www.rna.ao/
Angola, R Nac de Angola/Intl Svc	www.rna.ao/
Anguilla, University Network.....	www.worldwideuniversitynetwork.com/
Argentina, RAE.....	www.raenacional.com.ar
Armenia, Public R of Armenia	www.int.armradio.am
Australia, ABC/R Australia	www.radioaustralia.net.au
Australia, HCJB Global Australia	www.hcjb.org.au
Australia, NT VL8A Alice Springs	www.abc.net.au/radio/
Australia, NT VL8K Katherine	www.abc.net.au/radio/
Australia, NT VL8T Tennant Creek.....	www.abc.net.au/radio/
Australia, Symban World R.....	www.radiosymban.com.au
Austria, AWR Europe	www.awr2.org
Austria, Radio O1 Intl	http://oe1.orf.at
Austria, TWR Europe.....	www.twr.org
Bahrain, R Bahrain/Gen Prg	www.radiobahrain.fm
Bangladesh, Bangladesh Betar/Ext Svc	www.betar.org.bd/
Belarus, Belaruskaje Radyjo 1	www.radiobelarus.tvr.by/eng
Belarus, R Belarus	www.radiobelarus.tvr.by/eng
Bolivia, R Camargo.....	www.radiocamargo.com.bo
Bolivia, R Fides.....	www.radiofides.com
Bolivia, R Illimani	www.patrianueva.bo
Bolivia, R Panamericana.....	www.panamericana-bolivia.com
Bolivia, R Pio XII	www.radiopio12.org
Bolivia, R Santa Ana	www.ifrabolivia.org
Bolivia, R Santa Cruz	www.ifrabolivia.org
Brazil, Educadora/Braganca	www.educadora.com.br
Brazil, R Alvorada/Londrina	www.radioalvorada.am.br/
Brazil, R Alvorada/Paritins	www.alvoradaparitins.com.br/
Brazil, R Aparecida	www.radioaparecida.com.br
Brazil, R Bandeirantes	www.bandeirantes.com.br
Brazil, R Brasil.....	www.brasilcampinas.com.br
Brazil, R Brasil Central	www.agecom.go.gov.br/
Brazil, R Caiari	www.radiocaiari.com/
Brazil, R Cancao Nova	www.cancaonova.com
Brazil, R Capital	www.radiocapitalrio.com.br
Brazil, R Capixaba	www.radiocapixaba.com.br
Brazil, R Clube do Para	www.radioclubedopara.com.br
Brazil, R Congonhas	www.radiocongonhas.com.br
Brazil, R Cultura do Para	www.portalcultura.com.br
Brazil, R Cultura Filadelfia	www.radiofiladelfia.com.br
Brazil, R Cultura/Araraquara.....	www.radiocultura.net/
Brazil, R Difusora do Amazonas.....	www.difusoramanaus.com.br/
Brazil, R Difusora Roraima	www.radiororaima.com.br/
Brazil, R Difusora/Caceres	www.difusoracaceres.com.br/
Brazil, R Difusora/Londrina.....	www.radiodifusoradelondrina.com.br/
Brazil, R Difusora/Macapá.....	www.difusora.ap.gov.br
Brazil, R Educadora/Guarajá Mirim	www.educadora.com.br
Brazil, R Educadora/Limeira	www.educadora.com.br
Brazil, R Gaucha	www.rdgaucha.com.br
Brazil, R Gazeta	www.casperlibero.edu.br
Brazil, R Guaíba	www.radioguaiba.com.br
Brazil, R Guarujá Paulista.....	www.radioguarujaam.com.br
Brazil, R Guarujá/Florianópolis.....	www.radioguaruja.com.br
Brazil, R Iguatemi	www.radioterra.am.br
Brazil, R Imaculada Conceicao	www.miliciadaimaculada.org.br/
Brazil, R Inconfidencia.....	www.inconfidencia.com.br
Brazil, R Itatiaia.....	www.itatiaia.com.br/
Brazil, R Maria	www.radiomaria.net.br
Brazil, R Marumby	www.radiomarumby.com.br
Brazil, R Meteorologia Paulista.....	www.radioibitinga.com.br
Brazil, R Mundial.....	www.radiomundial.com.br
Brazil, R Nacional da Amazonia	www.ebc.com.br
Brazil, R Nove de Julho	www.radio9dejulho.com.br
Brazil, R Novo Tempo	www.radienovotempo.org.br/
Brazil, R Record.....	www.radiorecord.com.br
Brazil, R Rural	www.radioruraldesantarem.com.br/
Brazil, R Trans Mundial	www.transmundial.com.br
Brazil, R Voz Missionaria	www.gideoes.com.br/
Brazil, Super R Alvorada	www.radioalvoradaac.com.br
Brazil, Super R Boa Vontade	www.boavontade.com
Brazil, Super R Deus e Amor/Curitiba	www.superradiodeuseamor.com.br
Brazil, Super R Deus e Amor/Rio de Janeiro	www.superradiodeuseamor.com.br
Canada, Bible Voice Broadcasting	www.biblevoice.org/
Canada, CFRX Toronto ON	www.cfrb.com

Canada, CFVP Calgary AB	www.classiccountrysam1060.com
Canada, CKZN St Johns NF	www.cbc.ca/listen/index.html
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