



# 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	0015	mt	India, Athmik Yatra R	Bodo	9520as				
0000	0015	wh	India, Athmik Yatra R	Khurukh	9520as				
0000	0015	fas	India, Athmik Yatra R	Mising	9520as				
0000	0015		Philippines, FEBC Philippines	Khmu	9795as				
0000	0027		Iran, VOIRI	Chinese	13715as	15140as		15730as	
0000	0030		Australia, ABC/R Australia	Burmese	12005as				
0000	0030	mtwhfa	Australia, HCJB Global Australia	Indonesian	15400as				
0000	0030	Sun	Australia, HCJB Global Australia	Malayalam	15400as				
0000	0030		China, China R International	Sinhala	7260as	9490as			
0000	0030		China, CNR/China Business R	Chinese	3985do	6155do		6190do	7220do
					7245do	7315do		7335do	9755do
					4750do	4800do		11710do	17605do
0000	0030		China, CNR/VO China	Chinese	4750do				
0000	0030		Clandestine, Dem VO of Burma	Burmese	11595as				
0000	0030		Cuba, R Havana Cuba	Creole	5040ca				
0000	0030		Cuba, R Havana Cuba	Quechua	15370sa				
0000	0030		Ecuador, HCJB/LV de los Andes	Cofan	6050sa				
0000	0030		Egypt, R Cairo	English	9965na				
0000	0030		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af				
0000	0030		Indonesia, AVR Asia/Pacific	Burmese	17650as				
0000	0030		Indonesia, RRI Pontianak	Indonesian	3976do				
0000	0030		Indonesia, RRI Ternate	Indonesian	3345do				
0000	0030		Myanmar, Thazin R	Chin	6165do				
0000	0030	twhf	Netherlands, R Netherlands	Spanish	9895ca				
0000	0030		Philippines, FEBC Philippines	Chinese	9405as				
0000	0030		Philippines, R Veritas Asia	Sinhala	11855as	15460as			
0000	0030	mtwhfa	Serbia, International R Serbia	Serbian	9685na				
0000	0030		Taiwan, R Taiwan Intl	Vietnamese	11665as				
0000	0030		UK, BBC World Service	Burmese	5875as	9810as		11700as	
0000	0030		UK, FEBA Radio	Bangla (rural)	9390as				
0000	0030		USA, R Free Asia	Vietnamese	7445as	11605as		13730as	15170as
0000	0030		USA, VO America	Burmese	5955as	7430as		9325as	
0000	0030		USA, VO America	English/Special	7430va	9790va		12015va	17820va
0000	0035		Vanuatu, R Vanuatu	English/Bislama/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	13855ca	15480sa			
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				
0000	0056		Romania, R Romania Intl	English	9700na	11955na			
0000	0100		Angola, R Nac de Angola	Portuguese	4950do				
0000	0100		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
0000	0100	mtwhf	Argentina, RAE	Portuguese	11710am				
0000	0100	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am			
0000	0100		Australia, ABC/R Australia	English	9660va	12080pa		15240va	15415va
					17795pa	19000va		21740va	
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	Arabic	9745me				
0000	0100		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
0000	0100		Bolivia, R Camargo	Spanish/Aymara	3390do				
0000	0100		Bolivia, R Eco	Spanish	4410do				
0000	0100	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
0000	0100		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
0000	0100		Bolivia, R Logos	Spanish/Aymara	4865do				
0000	0100		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
0000	0100		Bolivia, R Panamericana	Spanish	5765do	6105do			
0000	0100		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
0000	0100		Bolivia, R San Jose	Spanish	5580do				
0000	0100		Bolivia, R San Miguel	Spanish	4699do				
0000	0100		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
0000	0100		Bolivia, R Tacana	Spanish	4782do				
0000	0100		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				
0000	0100		Bolivia, Yatun Ayllu Yura/R Yura	Spanish	4717do	4715al			
0000	0100		Brazil, Educadora/Braganca	Portuguese	4825do				
0000	0100		Brazil, 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, China Huayi BC	Amoy/Chinese	6185do			
0000	0100	China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do
				7350do	7360do	9480do	9530do
				15570do	15570do		
0000	0100	China, China Natl R/CNR13	Uyghur	9420do	9655do	9890do	
0000	0100	China, China R International	Cantonese	11820as	17495as		
0000	0100	China, China R International	Chinese	9435as	11780as	11900as	11975as
				12035as	13580as	13655as	
0000	0100	China, China R International	English	6020as	6075as	6180as	7350as
				7415as	9570na	11790as	11885as
				13750as	15125as		
0000	0100	China, China R International	Hakka	9460as	9550as	9610as	15110as
0000	0100	China, China R International	Khmer	9765as	11990as		
0000	0100	China, China R International	Mongolian	9470as	11875as		
0000	0100	China, China R International	Portuguese	9560sa	9710sa		
0000	0100	China, China R International	Russian	7405as	9510as		
0000	0100	China, China R International	Spanish	5990ca	9590va	9800va	15120sa
0000	0100	China, China R International	Vietnamese	11770as	13770as		
0000	0100	China, CNR/China Business R	Chinese	3985do	6155do	6190do	7220do
				7315do	9515do	9620do	9645do
0000	0100	China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do
				6030do	6080do	7275do	9845do
				5955do	5975do		
0000	0100	China, CNR/VO Minorities	Korean	5955do			
0000	0100	China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
0000	0100	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0000	0100	China, VO Guangxi/Beibu Bay R	Chinese	5050as	9820as		
0000	0100	China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as		

0000	0100	China, VO the Strait	Amoy/Hakka	6115do	7280do		
0000	0100	China, VO the Strait	Chinese	4940do	9505do		
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	
0000	0100	China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
0000	0100	Clandestine, R Republica	Spanish	9490ca			
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	6100na	9810ca	11680sa
				11760am	11840sa	17705sa	
				5025na			
0000	0100	Cuba, R Rebelde	Spanish	6025do			
0000	0100	Dominican Rep, R Amanecer Intl	Spanish	3380do			
0000	0100	Ecuador, Centro R de Imbabura	Spanish	3280do			
0000	0100	Ecuador, La Voz del Napo	Spanish	4815do			
0000	0100	Ecuador, R El Buen Pastor	Spanish/Quechua	6170eu			
0000	0100	Finland, Scandinavian Weekend R	English/Finnish	3995eu	7365eu		
0000	0100	Germany, HCJB Germany	English	7375eu			
0000	0100	Germany, Mighty KBC Radio	English	6070eu			
0000	0100	Germany, R 6150	English	3985eu			
0000	0100	Germany, R 700 Kurzwellendienst	German	7475eu	9420eu	15650eu	
0000	0100	Greece, Voice of Greece	Greek	4055do			
0000	0100	Guatemala, R Verdad	English/Spanish				
0000	0100	Guyana, Voice of Guyana	English/Hindi/vernacular	3340do	3290do		
0000	0100	Honduras, HRMI/ R Misiones Intl	Spanish	3250do			
0000	0100	Honduras, R Luz y Vida	English/Spanish				
0000	0100	India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0000	0100	India, AIR/Imphal	English/Hindi/vernaculars		4775do		
0000	0100	India, AIR/Kohima	English/Hindi/vernaculars		4850do		
0000	0100	India, AIR/Mumbai	English/Hindi/Marathi	4840do			
0000	0100	India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
0000	0100	Indonesia, AWR Asia/Pacific	Chinese	12025as	17880as		
0000	0100	Indonesia, RRI Fak Fak	Indonesian	4790do			
0000	0100	Indonesia, RRI Jakarta	Indonesian	9680do			
0000	0100	Indonesia, RRI Kendari	Indonesian	3995do			
0000	0100	Indonesia, RRI Palangkaraya	Indonesian	3325do			
0000	0100	Iran, VOIRI	Arabic	12080as			
0000	0100	Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0000	0100	Japan, R Japan/NHK World	Japanese	11855as	11910af	13680as	
0000	0100	Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0000	0100	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as	
0000	0100	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0000	0100	Kyrgyzstan, KGRI/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0000	0100	Laos, Lao Natl R/Vientane	Lao	6130do			
0000	0100	Malaysia, RTM Sarawak	Malay	9835do	11665do		
0000	0100	Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
0000	0100	Malaysia, RTM/Traxx FM	English	7295do			
0000	0100	Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
0000	0100	Mexico, R Educacion	English/Spanish	6185do			
0000	0100	Mexico, R Mil	Spanish	6010do			
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 Mediteranee Intl/Medi 1	Arabic/French	9579va			
0000	0100	Myanmar, Myanma R	Burmese	5985do			
0000	0100	Myanmar, Myanma R	minority languages	5915do			
0000	0100	Nepal, R Nepal	Nepali	5005do			
0000	0100	New Zealand, R New Zealand Intl	English	15720pa			
0000	0100	New Zealand, R New Zealand Intl	English	17675pa			
0000	0100	Oman, R Sultanate of Oman	Arabic	9760eu			
0000	0100	Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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 San Antonio	Spanish	3375do	4940do			
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	Chin Asho/Khumi/Karen		15600as			
0000	0100	Philippines, FEBC Philippines	Chinese	12070as				
0000	0100	Philippines, FEBC Philippines	Shan/Tai-Lu/Maitei/Chin		15435as			
0000	0100	Philippines, R Veritas Asia	Karen	11935as				
0000	0100	Russia, VO Russia	English	9665ca				
0000	0100	Russia, VO Russia	Spanish	9435ca	9465ca	12060sa		
0000	0100	Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
0000	0100	Sun Serbia, International R Serbia	Serbian	9685na				
0000	0100	Solomon Islands, SIBC	English/Pidgin	9545do				
0000	0100	South Africa, R Sonder Greense	Afrikaans	3320af				
0000	0100	Spain, R Exterior de Espana	English	6055na				
0000	0100	Spain, R Exterior de Espana	Spanish	9535ca	9620sa	15160va		
0000	0100	DRM Spain, R Exterior de Espana	Spanish	9630na	11815sa			
0000	0100	Taiwan, R Taiwan Intl	Chinese	9660as				
0000	0100	Tajikistan, TR1/R Tojikiston	Tajik/Uzbek	4765do				
0000	0100	Thailand, R Thailand World Svc	English	15275na				
0000	0100	Turkey, VO Turkey	Turkish	7260as				
0000	0100	UK, BBC World Service	English	5970as	6195as	9410as	9740as	
				11750as	12095as	15335as	15755as	
				17685as				
0000	0100	USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0000	0100	USA, Overcomer Ministry	English	3185na				
0000	0100	USA, R Free Asia	Lao	15545as	15690as			
0000	0100	USA, R Marti	Spanish	6030ca	7365ca			
0000	0100	USA, RFE/RL/R Farda	Farsi	5860as	7585as			
0000	0100	USA, VO America	Chinese	9545as	15385as	15565as	17560as	
0000	0100	USA, VO America	Tibetan	7250as	9480as	9855as		
0000	0100	USA, WBCQ Monticello ME	English	7490na	9330na			
0000	0100	fas USA, WBCQ Monticello ME	English	5110na				
0000	0100	USA, WEWN/Irondale AL	English	11520af				
0000	0100	USA, WEWN/Irondale AL	Spanish	5810ca	11870sa			
0000	0100	twhfas USA, WHRI Cypress Crk SC	English	5920va				
0000	0100	USA, WINB Red Lion PA	English	9265am				
0000	0100	USA, WRMI Miami FL	English/Spanish	9955am				
0000	0100	USA, WTWW Lebanon TN	English	5085sa	5830na			
0000	0100	USA, WTWW Lebanon TN	Spanish	12105eu				
0000	0100	USA, WWCR Nashville TN	English	4840eu	5935af	6875eu	7520ca	
0000	0100	irreg USA, WWRB Manchester TN	English	3185na	3215na			
0000	0100	Sun/irreg USA, WWRB Manchester TN	English	5050na				
0000	0100	Uzbekistan, CVC/The VO 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	0156	Romania, R Romania Intl	Romanian	7335eu	9525eu			
0010	0015	Nepal, R Nepal	Sanskrit	5005do				
0015	0030	Sat/Sun India, Athmik Yatra R	Bengali	9520as				
0015	0030	mt India, Athmik Yatra R	Chakma	9520as				
0015	0030	f India, Athmik Yatra R	Ho	9520as				
0015	0030	wh India, Athmik Yatra R	Santhali	9520as				
0015	0100	India, AIR/Chennai	English/Hindi/Tamil	4920do				
0015	0100	India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as	
0020	0100	India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		4800do			
0020	0100	India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do			
0020	0100	India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		5010do			
0025	0040	mh Vatican City State, Vatican R	Urdu	11730as	15470as			

0025	0100		India, AIR/Aizawl	English/Hindi/vernaculars	5050do		
0025	0100		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu	4810do		
0025	0100		India, AIR/Jaipur	English/Hindi/vernaculars	4910do		
0025	0100		India, AIR/Jeyapore	English/Hindi/Odia/Sanskrit	5040do		
0025	0100		India, AIR/Kolkata	Bengali/Hindi/Santhoni	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	9520as		
0030	0045	f	India, Athmik Yatra R	Bundelkhandi	9520as		
0030	0045	Sat/Sun	India, Athmik Yatra R	Garhwali	9520as		
0030	0045	w	India, Athmik Yatra R	Khariya	9520as		
0030	0045	h	India, Athmik Yatra R	Vasavi	9520as		
0030	0045	mtwhfa	India, TWR India	Bengali	11600as		
0030	0045	m	USA, WHRI Cypress Crk SC	Spanish	7315ca		
0030	0100		Australia, ABC/R Australia	English	17750va		
0030	0100		Australia, HCJB Global Australia	Maynmar	15400as		
0030	0100		China, CNR/VO China	Chinese	4750do	13610do	15380do
0030	0100		Cuba, R Havana Cuba	French	5040ca		
0030	0100		Ecuador, HCJB/LV de los Andes	Quechua	6050sa		
0030	0100		Egypt, R Cairo	Arabic	9965na		
0030	0100		India, AIR/Srinagar	English/Hindi/vernaculars	4950do		
0030	0100		Indonesia, AWR Asia/Pacific	Karen	17650as		
0030	0100		Iran, VOIRI	Spanish	9550eu	11760sa	
0030	0100		Myanmar, Thazin R	Kachin	6165do		
0030	0100		Philippines, R Veritas Asia	Bengali	15265as		
0030	0100		Philippines, R Veritas Asia	Hindi	15280as		
0030	0100		Philippines, R Veritas Asia	Tamil	11855as		
0030	0100	twhfa	Serbia, International R Serbia	English	9685na		
0030	0100	m	Serbia, International R Serbia	Serbian	9685na		
0030	0100		UK, BBC World Service	Bengali	9810as	11700as	15310as
0030	0100		UK, BBC World Service	Dari	5915as	7445as	
0030	0100		USA, R Free Asia	Burmese	9510as	12115as	15700as
0030	0100		USA, RFE/RL/R Farda	Farsi	5940as	7280as	
0030	0100		USA, VO America	English/Special	9325va	15290va	
0030	0100		USA, WHRI Cypress Crk SC	English	7315ca		
0040	0100		Vatican City State, Vatican R	Hindi	11730as	15470as	
0045	0100		Egypt, R Cairo	Spanish	9720na	13620sa	13855ca
0045	0100		India, AIR/External Svc	Sinhala	7270as	11740as	11985as
0045	0100	hf	India, Athmik Yatra R	Dogri	9520as		
0045	0100	Sat/Sun	India, Athmik Yatra R	Kangri	9520as		
0045	0100	w	India, Athmik Yatra R	Magahi	9520as		
0045	0100	mt	India, Athmik Yatra R	Rajasthani	9520as		
0045	0100	twhfa	India, TWR India	Bhojpuri	11600as		
0045	0100	m	India, TWR India	Hindi	11600as		
0045	0100		Pakistan, Azad Kashmir R	Urdu	3975do		
0045	0100		Pakistan, R Pakistan	Urdu	11580as	15490as	
0055	0100		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do		

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

0100	0115	mtwha	Australia, HCJB Global Australia	English	15400as		
0100	0115	wf	Australia, HCJB Global Australia	Mandarin	15400as		
0100	0115	Sat/Sun	Canada, Bible VO Broadcasting	English	9490as		
0100	0115		India, AIR/External Svc	Sinhala	7270as	11740as	11985as
0100	0115	Sat/Sun	India, Athmik Yatra R	Kinnauri	9520as		
0100	0115	mt	India, Athmik Yatra R	Marwari	9520as		
0100	0115	hf	India, Athmik Yatra R	Punjabi	9520as		
0100	0115	w	India, Athmik Yatra R	Sindhi	9520as		
0100	0120		Vatican City State, Vatican R	Tamil	11730as	15470as	
0100	0130		Australia, ABC/R Australia	Burmese	11780as		
0100	0130		Brazil, R Educadora/Guajara Mirim	Portuguese	3375do		
0100	0130		China, Gannan PBS	Chinese/Tibetan	3990do	5970do	
0100	0130	mtwhf	Ecuador, HCJB/LV de los Andes	Waarani	6050sa		
0100	0130		Japan, R Japan/NHK World	Hindi	9420as	11590as	
0100	0130		Myanmar, Myanma R	Burmese	5985do		
0100	0130		Myanmar, Myanma R	minority languages	7200do		
0100	0130		Myanmar, Thazin R	Kachin	6165do		
0100	0130		Peru, R La Voz Bolivar	Spanish	5460do		
0100	0130		Philippines, FEBC Philippines	Javanese	15560as		
0100	0130		Philippines, FEBC Philippines	Shan/Tai-Lu/Maitei/Chin		15435as	
0100	0130		Philippines, R Veritas Asia	Telugu	15530as		
0100	0130		Philippines, R Veritas Asia	Urdu	15280as	17860as	
0100	0130	Sun	Serbia, International R Serbia	English	9685na		
0100	0130	mtwhfa	Serbia, International R Serbia	Serbian	9685na		
0100	0130		UK, BBC World Service	Hindi	9410as	9915as	11995as 15510as
0100	0130		UK, BBC World Service	Pashto	6195as	7445as	11790as
0100	0130		USA, R Free Asia	Burmese	9510as	12115as	15700as

0100	0130		USA, RFE/RL/R Farda	Farsi	5860as	7585as			
0100	0130		Vietnam, VO Vietnam/Overseas Svc	English	12005na				
0100	0156		Romania, R Romania Intl	French	9700eu	11955eu			
0100	0200		Angola, R Nac de Angola	Portuguese	4950do				
0100	0200		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
0100	0200	twhfa	Argentina, RAE	Japanese	11710as				
0100	0200	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am			
0100	0200		Australia, ABC/R Australia	English	9660va	12080pa	15160pa	15240va	
					15415va	17750va	17795pa	19000va	
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	Arabic	9745me				
0100	0200		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
0100	0200		Bolivia, R Camargo	Spanish/Aymara	3390do				
0100	0200		Bolivia, R Eco	Spanish	4410do				
0100	0200	twhfa	Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
0100	0200		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
0100	0200		Bolivia, R Panamericana	Spanish	5765do	6105do			
0100	0200		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
0100	0200		Bolivia, R San Jose	Spanish	5580do				
0100	0200		Bolivia, R San Miguel	Spanish	4699do				
0100	0200		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
0100	0200		Bolivia, R Tacana	Spanish	4782do				
0100	0200		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				
0100	0200		Bolivia, Yatun Ayllu Yura/R Yura	Spanish	4717do	4715al			
0100	0200		Brazil, Educadora/Braganca	Portuguese	4825do				
0100	0200		Brazil, 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 Huayi BC	Amoy/Chinese	6185do				
0100	0200		China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do		
0100	0200		China, China Natl R/CNR13	Uyghur	9420do	15390do			
0100	0200		China, China R International	Amoy	9460as	9550as	9610as	11945as	
					11980as	15425as	17495as		

0100	0200	China, China R International	Chinese	13580as	13655as	15160as	
0100	0200	China, China R International	English	6020as	6175eu	6180as	9410eu
				9470eu	9535as	9570na	9580na
				9675eu	11870as	15125as	15785as
0100	0200	China, China R International	Russian	5905eu	13600va		
0100	0200	China, China R International	Spanish	9595sa	9710sa		
0100	0200	China, China R International	Urdu	7240as	9695as		
0100	0200	China, CNR/China Business R	Chinese	3985do	6040do	6190do	7220do
				7315do	9515do	9620do	9645do
0100	0200	China, CNR/VO China	Chinese	4750do	4800do	5945do	6030do
				6125do	6145do	7230do	7290do
				7305do	9500do	9630do	9645do
0100	0200	China, CNR/VO Minorities	Kazakh	6145do	9455do	11630do	11780do
				11810do			
0100	0200	China, CNR/VO Shenzhen	Amoy/Chinese	6165do	11905do		
0100	0200	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0100	0200	Sat/Sun China, VO Guangxi/Beibu Bay R	Chinese	5050as	9820as		
0100	0200	China, VO the Strait	Amoy/Hakka	6115do	7280do		
0100	0200	China, VO the Strait	Chinese	4940do	9505do		
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	
0100	0200	China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
0100	0200	Clandestine, R Republica	Spanish	9490ca			
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	5040na	6060na	6100am	9810ca
				11680sa	11760am	11840sa	17705sa
0100	0200	Cuba, R Rebelde	Spanish	5025na			
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			
0100	0200	Egypt, R Cairo	Spanish	9720na	13620sa	13855ca	
0100	0200	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu			
0100	0200	Sun Germany, HCJB Germany	English	3995eu	7365eu		
0100	0200	Germany, Mighty KBC Radio	English	7375eu			
0100	0200	Germany, R 6150	English	6070eu			
0100	0200	Germany, R 700 Kurzwellendienst	German	3985eu			
0100	0200	Greece, Voice of Greece	Greek	7475eu	9420eu	15650eu	
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	English/Hindi/vernaculars		5050do		
0100	0200	India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
0100	0200	India, AIR/Chennai	English/Hindi/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	English/Hindi/vernaculars		4835do		
0100	0200	India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		
0100	0200	India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		4800do		
0100	0200	India, AIR/Imphal	English/Hindi/vernaculars		4775do		
0100	0200	India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
0100	0200	India, AIR/Jaipur	English/Hindi/vernaculars		4910do		
0100	0200	India, AIR/Jeypore	English/Hindi/Odia/Sanskrit		5040do		
0100	0200	India, AIR/Kohima	English/Hindi/vernaculars		4850do		
0100	0200	India, AIR/Kolkata	Bengali/Hindi/Santhoni		4820do		
0100	0200	India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
0100	0200	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0100	0200	India, AIR/Mumbai	English/Hindi/Marathi	4840do			
0100	0200	India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars		4950do		



0100	0200		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil	5010do			
0100	0200		India, AIR/Vivdh Bharati	Hindi	9870do			
0100	0200		Indonesia, AWR Asia/Pacific	Chinese	12025as	17650as	17880as	
0100	0200		Indonesia, RRI Jakarta	Indonesian	9680do			
0100	0200		Iran, VOIRI	Arabic	12080as			
0100	0200		Iran, VOIRI	Spanish	9550eu	11760sa		
0100	0200		Iran, VOIRI	Tajik	7295as	9800as		
0100	0200		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0100	0200		Japan, R Japan/NHK World	Japanese	15195as	17560as	17810as	
0100	0200		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0100	0200	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as	
0100	0200	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0100	0200		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0100	0200		Laos, Lao Natl R/Vientane	Lao	6130do			
0100	0200		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0100	0200		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
0100	0200		Malaysia, RTM/Traxx FM	English	7295do			
0100	0200		Mexico, R Educacion	English/Spanish	6185do			
0100	0200		Mexico, R Mil	Spanish	6010do			
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	9579va			
0100	0200		Myanmar, Myanma R	minority languages	5915do			
0100	0200		New Zealand, R New Zealand Intl	English	15720pa			
0100	0200	DRM	New Zealand, R New Zealand Intl	English	17675pa			
0100	0200		Oman, R Sultanate of Oman	Arabic	9760eu			
0100	0200		Pakistan, Azad Kashmir R	Urdu	3975do			
0100	0200		Pakistan, R Pakistan	Urdu	11580as	15490as		
0100	0200		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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 San Antonio	Spanish	3375do	4940do		
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		Russia, VO Russia	English	9665ca			
0100	0200		Russia, VO Russia	Spanish	9435sa	12060sa		
0100	0200		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do			
0100	0200		Solomon Islands, SIBC	English/Pidgin	9545do			
0100	0200		South Africa, R Sonder Grense	Afrikaans	3320af			
0100	0200		South Korea, KBS World R	Japanese	9580sa			
0100	0200		South Korea, KBS World R	Spanish	9605sa	11810sa		
0100	0200		South Korea, KBS World R	Vietnamese	9690as			
0100	0200		Spain, R Exterior de Espana	Spanish	5995sa	9535ca	9620sa	15160va
0100	0200	DRM	Spain, R Exterior de Espana	Spanish	9630na			
0100	0200	Sat	Taiwan, AWR Asia	Vietnamese	15445as			
0100	0200		Taiwan, R Taiwan Intl	Chinese	9660as			
0100	0200		Taiwan, R Taiwan Intl	English	11875as			
0100	0200		Tajikistan, TR1/R Tojikiston	Tajik/Uzbek	4765do			
0100	0200		Thailand, R Thailand World Svc	Thai	15275na			
0100	0200		Turkey, VO Turkey	Spanish	9770va	9870va		
0100	0200		Turkey, VO Turkey	Turkish	7260as			
0100	0200		UK, BBC World Service	English	12095as	15310as		
0100	0200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0100	0200		USA, KJES Vado NM	Spanish	11715na			
0100	0200		USA, Overcomer Ministry	English	3185na			
0100	0200		USA, R Free Asia	Tibetan	9680as	9885as	11695as	17505as
					17730as			

0100	0200		USA, R Free Asia	Uyghur	9350as 17835as	9400as	11640as	11945as
0100	0200		USA, R Marti	Spanish	6030ca	7365ca		
0100	0200		USA, RFE/RL/R Farda	Farsi	5940as	7280as		
0100	0200		USA, VO America	English	7430va	9780va	15205as	
0100	0200		USA, VOA/Deewa R	Pash tun	9370as	11895as	12035as	
0100	0200		USA, WBCQ Monticello ME	English	7490na	9330na		
0100	0200	fas	USA, WBCQ Monticello ME	English	5110na			
0100	0200		USA, WEWN/Irondale AL	English	11520af			
0100	0200		USA, WEWN/Irondale AL	Spanish	5810ca	11870sa		
0100	0200	twhfa	USA, WHRI Cypress Crk SC	English	5920va			
0100	0200		USA, WHRI Cypress Crk SC	English	9860na			
0100	0200		USA, WINB Red Lion PA	English	9265am			
0100	0200		USA, WRMI Miami FL	English/Spanish	9955am			
0100	0200	irreg	USA, WRNO New Orleans LA	English	7506na			
0100	0200		USA, WTWW Lebanon TN	English	5085sa	5830na	9479na	
0100	0200		USA, WTWW Lebanon TN	Spanish	12105eu			
0100	0200		USA, WWCR Nashville TN	English	3215eu	4840na	5935af	7520ca
0100	0200	irreg	USA, WWRB Manchester TN	English	3185na	3215na		
0100	0200	Sun/irreg	USA, WWRB Manchester TN	English	5050na			
0100	0200		Uzbekistan, CVC/The VO Asia	Hindi	6260as	9975as		
0100	0200		Vanuatu, R Vanuatu	English/Bislama/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			
0110	0130		Sri Lanka, SLBC	Bengali	11905as			
0115	0130	m	India, Athmik Yatra R	Bhili	9520as			
0115	0130	w	India, Athmik Yatra R	Kotwali	9520as			
0115	0130	t	India, Athmik Yatra R	Kukna	9520as			
0115	0130	h	India, Athmik Yatra R	Vadari	9520as			
0115	0130	f	India, Athmik Yatra R	Varli	9520as			
0115	0130	mtwh	India, TWR India	Dzonkha	11600as			
0115	0130	f	India, TWR India	Nepali	11600as			
0115	0130		Nepal, R Nepal	Nepali	5005do			
0115	0145	t	Spain, R Exterior de Espana	Sefardi	11795sa			
0120	0140		Vatican City State, Vatican R	Malayalam	11730as	11730as	15470as	
0128	0200		India, AIR/Leh	English/Hindi/vernaculars	4660do			
0130	0200	twhf	Albania, R Tirana	English	9850va			
0130	0200		China, China R International	Nepali	11860as	13780as		
0130	0200	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
0130	0200		India, AIR/Chennai/FM Gold	English/Hindi	7270do			
0130	0200	DRM	India, AIR/External Svc	Nepali	11715as			
0130	0200		India, AIR/External Svc	Nepali	3945as	7420as	9810as	
0130	0200		Iran, VOIRI	Kazakh	9790as	11820as		
0130	0200		Iran, VOIRI	Urdu	7325as	9730as	11930as	
0130	0200		Myanmar, Thazin R	Wa	9590do			
0130	0200		Philippines, R Veritas Asia	Chin	15255as			
0130	0200		Philippines, R Veritas Asia	Vietnamese	15530as			
0130	0200		Sri Lanka, SLBC	Hindi	11905as			
0130	0200		UK, BBC World Service	Bengali	9835as	17615as		
0130	0200		UK, BBC World Service	Dari	6195as	7445as	11790as	
0130	0200		UK, BBC World Service	Urdu	7395as	9410as	9915as	15510as
0130	0200		USA, RFE/RL/R Farda	Farsi	15690as			
0130	0200		USA, VO America	Burmese	7305as	15115as	17780as	
0130	0200		USA, VO America	Dari	9335as	11565as		
0130	0200	twhfa	USA, VO America	English/Special	9820va			
0130	0200		USA, VOA/Ashna R	Dari	9335as	11565as		
0130	0200	mtwhf	USA, WRMI/R Slovakia Intl relay	English	9955am			
0130	0200		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	12005na			
0140	0200		Vatican City State, Vatican R	English	11730as	15470as		

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

0200	0210	t	China, Hulun Buir PBS	Chinese	3900do			
0200	0215		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
0200	0215		India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		4800do		
0200	0215		India, AIR/Imphal	English/Hindi/vernaculars		4775do		
0200	0215		India, AIR/Kolkata	Bengali/Hindi/Santhani		4820do		
0200	0215		India, AIR/Srinagar	English/Hindi/vernaculars		4950do		
0200	0215		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		5010do		
0200	0215		Pakistan, R Pakistan	Urdu	11580as	15490as		
0200	0215	mtwhfa	UK, FEBA Radio	Urdu	9750as			
0200	0220		Vatican City State, Vatican R	Hindi	15460as			
0200	0227		Iran, VOIRI	Arabic	12080as			
0200	0227		Iran, VOIRI	Kazakh	9790as	11820as		
0200	0227		Iran, VOIRI	Spanish	9550eu	11760sa		

0200	0227		Iran, VOIRI	Tajik	7295as	9800as			
0200	0227		Iran, VOIRI	Urdu	7325as	9730as	11930as		
0200	0230	Sat	Argentina, RAE	Spanish	6060am				
0200	0230		Austria, AWR Europe	Urdu	9690as				
0200	0230		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
0200	0230		China, China R International	Nepali	11860as	13780as			
0200	0230		China, China R International	Pashto	9765as	11870as	15435as		
0200	0230	DRM	India, 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		Myanmar, Thazin R	Wa	9590do				
0200	0230		Philippines, R Veritas Asia	Vietnamese	15530as				
0200	0230		Thailand, R Thailand World Svc	English	15275na				
0200	0230		UK, BBC World Service	Burmese	9410as	11995as	12070as	12095as	
0200	0230		UK, BBC World Service	Pashto	7445as	9895as	11790as		
0200	0230	Sun	UK, FEBA Radio	Urdu	9750as				
0200	0230		USA, KJES Vado NM	Spanish	11715na				
0200	0230		USA, RFE/RL/R Farda	Farsi	5860as	5940as			
0200	0230		USA, VO America	Dari	9335as	11565as			
0200	0230		USA, VOA/Ashna R	Dari	9335as	11565as			
0200	0230		USA, WRMI/R Prague relay	English	9955am				
0200	0230		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	12005na				
0200	0245		India, AIR/Chennai	English/Hindi/Tamil	4920do				
0200	0245		Vatican City State, Vatican R	Spanish	7305ca				
0200	0256		Romania, R Romania Intl	Spanish	9520sa	9645sa	11945sa	11955ca	
0200	0257		Iran, VOIRI	Hindi	13750as	15450as			
0200	0300		Angola, R Nac de Angola	Portuguese	4950do				
0200	0300		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
0200	0300	twhfa	Argentina, RAE	English	11710am				
0200	0300	Sun	Argentina, RAE	Spanish	6060am	15345am			
0200	0300		Australia, ABC/R Australia	English	9660va	12080pa	15160pa	15240va	
					15415va	17750va	17795pa	19000va	
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	Arabic	9745me				
0200	0300		Bhutan, Bhutan BC Svc	Dzongkha	6035do				
0200	0300		Bolivia, R Camargo	Spanish/Aymara	3390do				
0200	0300		Bolivia, R Eco	Spanish	4410do				
0200	0300	fa	Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
0200	0300		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua	6025do				
0200	0300		Bolivia, R Panamericana	Spanish	5765do	6105do			
0200	0300		Bolivia, R San 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 Huayi BC	Amoy/Chinese	6185do				
0200	0300	China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do		
0200	0300	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do		
0200	0300	China, China R International	Amoy	15425as	17495as			
0200	0300	China, China R International	Bengali	9655as	11640as			
0200	0300	China, China R International	Chinese	6020eu	9570na	9580na	9690am	
				9815sa	9825as	13655as	15160as	
				15170sa				
0200	0300	China, China R International	English	11770as	13640as			
0200	0300	China, China R International	Russian	5915as	17615va			
0200	0300	China, China R International	Spanish	9595sa	9710sa			
0200	0300	China, China R International	Tamil	13600as	15260as			
0200	0300	China, China R International	Urdu	9450as	11650as			
0200	0300	China, CNR/China Business R	Chinese	3985do	6190do	7220do	7315do	
				9515do	9620do	9645do	9645do	
0200	0300	China, CNR/VO China	Chinese	4750do	4800do	5945do	6030do	
				6125do	6145do	7230do	7290do	
				7305do	9500do	9630do	9645do	
0200	0300	China, CNR/VO Minorities	Kazakh	6145do	9455do	11630do	11780do	
				12055do				
0200	0300	China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do			
0200	0300	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do	
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	
0200	0300	China, Qinghai PBS	Tibetan (Amdo dialect)	4740do	6145do	9780do		
0200	0300	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0200	0300	China, VO the Strait	Amoy/Hakka	6115do	7280do			
0200	0300	China, VO the Strait	Chinese	6115do				
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	6130do	7385do	
0200	0300	Clandestine, R VO Kurdistan	Kurdish	3930as				
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	5040na	6060na	6100am	9810ca	
				11680sa	11760am	11840sa	17705sa	
0200	0300	Cuba, R Rebelde	Spanish	5025na				
0200	0300	Dominican Rep, R Amanecer Intl	Spanish	6025do				
0200	0300	Ecuador, Centro R de Imbabura	Spanish	3380do				
0200	0300	Ecuador, HCJB/LV de los Andes	Quechua	6050sa				
0200	0300	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
0200	0300	Ecuador, La Voz del Napo	Spanish	3280do				
0200	0300	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do				
0200	0300	Egypt, R Cairo	Arabic	9965as				
0200	0300	Egypt, R Cairo	English	9720na				
0200	0300	Egypt, R Cairo/General Pgm	Arabic	13850va				
0200	0300	Finland, Scandinavian Weekend R	English/Finnish	6170eu				
0200	0300	Germany, HCJB Germany	English	3995eu	7365eu			
0200	0300	Germany, R 6150	English	6070eu				
0200	0300	Germany, R 700 Kurzwellendienst	German	3985eu				
0200	0300	Greece, Voice of Greece	Greek	7475eu	9420eu	15650eu		
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	English/Hindi/vernaculars		5050do			
0200	0300	India, AIR/Chennai/FM Gold	English/Hindi	7270do				
0200	0300	India, AIR/External Svc	Urdu	6155as	7340as	9595as	11620as	
0200	0300	India, AIR/Gangkok	English/Hindi/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	English/Hindi/vernaculars	4910do			
0200	0300		India, AIR/Jeyppore	English/Hindi/Odia/Sanskrit	5040do			
0200	0300		India, AIR/Kohima	English/Hindi/vernaculars	4850do			
0200	0300		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
0200	0300		India, AIR/Leh	English/Hindi/vernaculars	4660do			
0200	0300		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0200	0300		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
0200	0300		India, AIR/Port Blair	English/Hindi/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	5910am	9800ca	11680af	15195as
					15325as	17560as	17810as	
0200	0300		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0200	0300	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	mt0713as	
0200	0300	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0200	0300		Kuwait, R Kuwait	Arabic	5960me			
0200	0300		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0200	0300		Laos, Lao Natl R/Vientane	Lao	6130do			
0200	0300		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0200	0300		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
0200	0300		Malaysia, RTM/Traxx FM	English	7295do			
0200	0300		Mexico, R Educacion	English/Spanish	6185do			
0200	0300		Mexico, R Mil	Spanish	6010do			
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 Mediterranee Intl/Medi 1	Arabic/French	9579va			
0200	0300		Myanmar, Myanma R	minority languages	5915do			
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			
0200	0300		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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/Tagalog	11880me	15285me	17820me	
0200	0300		Russia, VO Russia	English	9665ca			
0200	0300		Russia, VO Russia	Russian	9860as			
0200	0300		Russia, VO Russia	Spanish	9435sa	12060sa		
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	3320af			
0200	0300		South Korea, KBS World R	English	9580sa	9690as		
0200	0300		South Korea, KBS World R	Japanese	11810sa			
0200	0300		South Korea, KBS World R	Spanish	15575na			
0200	0300		Spain, R Exterior de Espana	Spanish	3350ca	5995sa	6125va	9535ca
					9620sa			
0200	0300		Sri Lanka, SLBC	Hindi	11905as			
0200	0300		Taiwan, R Taiwan Intl	Chinese	9660as			
0200	0300		Taiwan, R Taiwan Intl	Spanish	11995sa			
0200	0300		Tajikistan, VO Tajik	Tajik	7245as			
0200	0300		Turkey, VO Turkey	Uyghur	9465as			
0200	0300		UK, BBC World Service	English	15310as	17790as		
0200	0300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0200	0300		USA, Overcomer Ministry	English	3185na	5890va		
0200	0300		USA, R Free Asia	Tibetan	9885as	11695as	11745as	17730as
					21520as	21540as	21560as	
0200	0300		USA, R Marti	Spanish	6030ca	7365ca		
0200	0300		USA, RFE/RL/R Farda	Farsi	5860as	7280as	15690as	
0200	0300		USA, VO America	Burmese	7305as	15115as	17780as	
0200	0300		USA, VOA/Deewa R	Pashtun	9370as	11895as	12035as	
0200	0300		USA, WBCQ Monticello ME	English	7490na	9330na		
0200	0300	fas	USA, WBCQ Monticello ME	English	5110na			
0200	0300		USA, WEWN/Irondale AL	English	11520af			
0200	0300		USA, WEWN/Irondale AL	Spanish	5810ca	11870sa		
0200	0300		USA, WHRI Cypress Crk SC	English	5920va	7315ca	9860na	
0200	0300		USA, WINB Red Lion PA	English	9265am			

0200	0300		USA, WRMI Miami FL	English/Spanish	9955am				
0200	0300	irreg	USA, WRNO New Orleans LA	English	7506na				
0200	0300		USA, WTWW Lebanon TN	English	5085sa	5830na			
0200	0300		USA, WTWW Lebanon TN	Portuguese	12105eu				
0200	0300		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af	
0200	0300	irreg	USA, WWRB Manchester TN	English	3185na	3195na			
0200	0300	Sun/irreg	USA, WWRB Manchester TN	English	5050na				
0200	0300		Uzbekistan, CVC/The VO Asia	Hindi	6260as	9975as			
0200	0300		Vanuatu, R Vanuatu	English/Bislama/French		7260do			
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			
0210	0230		Vatican City State, Vatican R	Armenian	7335as	9645as			
0215	0230		Nepal, R Nepal	English	5005do				
0215	0230	mtwhfa	UK, FEBA Radio	mixed languages	9750as				
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				
0215	0300		Sudan, R Omdurman	Arabic	7205af				
0220	0240		Vatican City State, Vatican R	Tamil	15460as				
0225	0300		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do			
0225	0300		India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		7420do			
0225	0300		India, AIR/Imphal	English/Hindi/vernaculars		7335do			
0225	0300		India, AIR/Srinagar	English/Hindi/vernaculars		6110do			
0230	0257		Iran, VOIRI	Uzbek	7295as	11870as			
0230	0300		Austria, AWR Europe	Punjabi	9690as				
0230	0300		China, China R International	Nepali	11730as				
0230	0300		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7230do	
					7260do	7310do	9510do		
0230	0300		China, Xizang PBS	Chinese	6145do				
0230	0300		Clandestine, R Sedayee Kashmir	Kashmiri	4870as				
0230	0300		Clandestine, Salam Watandar	Dari/Pashto	11545as				
0230	0300		Clandestine, VO Iranian Kurdistan	Kurdish	3960as	4875as			
0230	0300		India, AIR/Delhi	English/Hindi	6030do				
0230	0300	mtwhf	India, AIR/Delhi	English/Hindi	4870do				
0230	0300		India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do			
0230	0300		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		7290do			
0230	0300		Iran, VOIRI	Pashto	5950as	9700as			
0230	0300		Iran, VOIRI	Spanish	9550eu				
0230	0300		Iran, VOIRI/Al Quds TV	Arabic	11660as	11760af	12080af		
0230	0300		Madagascar, AWR Africa	Malagasy	3215af				
0230	0300		Moldova, R Payem e-Doost	Farsi	11710as				
0230	0300		Myanmar, Myanma R	English	5985do				
0230	0300		Myanmar, Thazin R	Oo-Pu	9590do				
0230	0300		Thailand, R Thailand World Svc	Thai	15275na				
0230	0300		UK, BBC World Service	Dari	9895as	7445as	11790as		
0230	0300		UK, BBC World Service	Farsi	7250as	9500as	11855as	13825as	
0230	0300		UK, BBC World Service	Hindi	12095as	15510as	17510as	17870as	
0230	0300		UK, FEBA Radio/R Sadaye Zindagi	Dari	9790as				
0230	0300		USA, R Payam-E Doost	Persian	11700me				
0230	0300		USA, RFE/RL/R Farda	Farsi	9760as	15680as			
0230	0300		USA, RFE/RL/R Free Afghanistan	Pashto	17670as	17690as			
0230	0300		Vietnam, VO Vietnam/Overseas Svc	English	12005na				
0240	0300		Vatican City State, Vatican R	Malayalam	15460as				
0245	0300		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
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	mtwhf	Australia, ABC/R Australia	French	12080pa	15240pa	15515pa		
0300	0315		Canada, Bible VO Broadcasting	Arabic	7310me				
0300	0315		Moldova, R Payem e-Doost	Farsi	11710as				
0300	0315		UK, FEBA Radio	mixed languages	9790as				
0300	0315		USA, R Payam-E Doost	Persian	11700me				
0300	0320		USA, R Free Europe/R Liberty	Avar	7445eu	9740eu			
0300	0320		Vatican City State, Vatican R	English	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	Iran, VOIRI	Armenia	7220eu	11700eu		
0300	0327	Iran, VOIRI	Pashto	5950as	9700as		
0300	0327	Iran, VOIRI	Russian	11925eu	13660eu		
0300	0327	Iran, VOIRI	Spanish	9550eu			
0300	0330	Bolivia, R Eco	Spanish	4410do			
0300	0330	Bolivia, R San Miguel	Spanish	4699do			
0300	0330	China, China R International	Nepali	11730as			
0300	0330	China, Xinjiang PBS	Mongolian	4500do	6190do		
0300	0330	Clandestine, R VO Kurdistan	Farsi	3930as			
0300	0330	Clandestine, VO Iranian Kurdistan	Kurdish	3960as	4875as		
0300	0330	Egypt, R Cairo	English	9720na			
0300	0330	Germany, AWR Europe	Oromo	11610af			
0300	0330	Germany, AWR Europe	Tigrinya	9530as			
0300	0330	Germany, HCJB Germany	Russian	3995eu	7365eu		
0300	0330	India, AIR/Delhi	English/Hindi	4870do			
0300	0330	Indonesia, AWR Asia/Pacific	Russian	17645as			
0300	0330	Myanmar, Myanma R	English	5985do			
0300	0330	Myanmar, Thazin R	Oo-Pu	9590do			
0300	0330	Philippines, R Pilipinas Overseas Svc	English/Tagalog	11880me	15285me	17820me	
0300	0330	Sri Lanka, SLBC	Hindi	11905as			
0300	0330	Thailand, R Thailand World Svc	Thai	15275na			
0300	0330	UK, BBC World Service	Farsi	7250as	9500as	11855as	13825as
0300	0330	UK, BBC World Service	Pashto	9895as	11790as	15310as	
0300	0330	UK, BBC World Service	Urdu	11995as	13580as	15510as	17510as
0300	0330	USA, RFE/RL/R Free Afghanistan	Dari	17670as	17690as		
0300	0330	USA, VOA/Afia Darfur R	Arabic	6135af	7260af	9815af	
0300	0330	USA, WRMI/R Prague relay	Spanish	9955am			
0300	0330	Vatican City State, Vatican R	English	7360af	9660af		
0300	0330	Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na			
0300	0345	China, Xinjiang PBS	Chinese	7230do			
0300	0345	India, AIR/External Svc	Dari	9835as	9910as	11740as	
0300	0350	Greece, Voice of Greece	Greek	7475eu	15650eu		
0300	0355	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
0300	0355	mtwhf South Africa, Channel Africa	English	3345af	5980af		
0300	0356	Romania, R Romania Intl	English	7350na	9645na	17800as	
0300	0356	DRM Romania, R Romania Intl	English	15340as			
0300	0357	Germany, Deutsche Welle	Swahili	5925af	7425af	12070af	
0300	0357	North Korea, Pyongyang BC Sta	Korean	7220as	9445as	9730as	
0300	0357	North Korea, VO Korea	Chinese	13650as	15105as		
0300	0357	North Korea, VO Korea	Spanish	11735ca	13760sa	15180sa	
0300	0400	Angola, R Nac de Angola	Portuguese	4950do			
0300	0400	Anguilla, Caribbean Beacon/Univ Net	English	6090ca			
0300	0400	twhfa Argentina, RAE	French	11710am			
0300	0400	Australia, ABC/R Australia	English	9660va	15160pa	15415va	17750va
				21725va			
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	Arabic	9745me			
0300	0400	Bhutan, Bhutan BC Svc	Sharchop	6035do			
0300	0400	fa Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
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 Huayi BC	Amoy/Chinese	6185do			
0300	0400	China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	
0300	0400	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do	
0300	0400	China, China R International	Chinese	6020eu	9450as	9570na	15130as
				15160as	15230as	17540as	
0300	0400	China, China R International	English	9690am	9790na	11770as	13750as
				15110as	15120as	15785as	
0300	0400	China, China R International	Hindi	11640as	13720as	15210as	15350as
0300	0400	China, China R International	Russian	15425va	15435as	17710va	
0300	0400	China, China R International	Tamil	13600as	13730as		
0300	0400	China, CNR/China Business R	Chinese	3985do	6190do	7220do	7315do
				9515do	9620do	9645do	9675do
0300	0400	China, CNR/VO China	Chinese	4750do	4800do	5945do	6030do
				6125do	6145do	7230do	7290do
				7305do	9500do	9630do	9645do
0300	0400	China, CNR/VO Minorities	Mongolian	5955do	9610do	11815do	
0300	0400	China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do		
0300	0400	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
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)	4750do	6145do	9780do	
0300	0400	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0300	0400	China, VO the Strait	Amoy/Hakka	6115do	7280do		
0300	0400	China, VO the Strait	Chinese	6115do			
0300	0400	China, Xinjiang PBS	Chinese	3950do	5060do	7260do	7275do
				7310do	7340do	9510do	9600do
				9835do	11770do		
0300	0400	China, Xinjiang PBS	Uyghur	3990do	7275do	9420do	9560do
				11885do	13670do		
0300	0400	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
				7240do	11860do	11950do	
0300	0400	China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
0300	0400	Clandestine, Denge Kurdistane	Kurdish	11510as			
0300	0400	Clandestine, R Miraya	English/Arabic	11560af			
0300	0400	Clandestine, Salam Watandar	Dari/Pashto	11545as			
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	5040na	6060na	6100am	9810ca
				11680sa	11760am	11840sa	17705sa
0300	0400	Cuba, R Rebelde	Spanish	5025na			
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	9965as			
0300	0400	Egypt, R Cairo/General Pgm	Arabic	13850va			
0300	0400	Ethiopia, Amhara State Regional R	Amharic	6090do	5060al	7120al	7175al
				9715al			
0300	0400	Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0300	0400	Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
0300	0400	Ethiopia, R Oromiya	Oromo	6030af			
0300	0400	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950af	5980al		
0300	0400	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu			
0300	0400	Germany, Deutsche Welle	Swahili	5905af			
0300	0400	Germany, R 6150	English	6070eu			
0300	0400	Germany, R 700 Kurzwellendienst	German	3985eu			
0300	0400	Greece, Voice of Greece	Greek	9420eu			
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	English/Hindi/vernaculars		5050do		
0300	0400	India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do		
0300	0400	India, AIR/Chennai	English/Hindi/Tamil	7380do			
0300	0400	India, AIR/Chennai/FM Gold	English/Hindi	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	English/Hindi/vernaculars		4835do		
0300	0400	India, AIR/Guwahati	Assamese/Hindi/vernaculars		4940do		



0300	0400		India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu	7420do			
0300	0400		India, AIR/Imphal	English/Hindi/vernaculars	7335do			
0300	0400		India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do			
0300	0400		India, AIR/Jaipur	English/Hindi/vernaculars	4910do			
0300	0400		India, AIR/Kohima	English/Hindi/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	English/Hindi/vernaculars	4660do			
0300	0400		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0300	0400		India, AIR/Mumbai	English/Hindi/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	English/Hindi/vernaculars	6110do			
0300	0400		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil	7290do			
0300	0400		India, AIR/Vivdh Bharati	Hindi	9870do			
0300	0400		Indonesia, RRI Jakarta	Indonesian	9680do			
0300	0400		Iran, VOIRI	Dari	11940as	13740as		
0300	0400		Iran, VOIRI/AI Quds TV	Arabic	11660as	11760af	12080af	
0300	0400		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0300	0400		Japan, R Japan/NHK World	Japanese	5910am	11680af	15195as	15235as
					17560as	17810as		
0300	0400		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0300	0400	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as	
0300	0400	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0300	0400		Kyrgyzstan, KGRI/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0300	0400		Laos, Lao Natl R/Vientane	Lao	6130do			
0300	0400		Madagascar, R Natl Malagasy	French/Malagasy	5010do	7245do		
0300	0400		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0300	0400		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
0300	0400		Malaysia, RTM/Traxx FM	English	7295do			
0300	0400		Mexico, R Educacion	English/Spanish	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	9579va			
0300	0400		Myanmar, Myanma R	minority languages	5915do			
0300	0400	DRM	New Zealand, R New Zealand Intl	English	15720pa			
0300	0400		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			
0300	0400		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	9665ca			
0300	0400		Russia, VO Russia	Russian	9860as			
0300	0400		Russia, VO Russia	Spanish	9435sa	12060sa		
0300	0400		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do			
0300	0400		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15170as	17895as	
0300	0400		Solomon Islands, SIBC	English/Pidgin	9545do			
0300	0400		South Africa, R Sonder Grense	Afrikaans	3320af			
0300	0400		South Korea, KBS World R	Korean	11810sa			
0300	0400		Spain, R Exterior de Espana	Spanish	3350ca	5995sa	6125va	9535ca
					9620sa			
0300	0400		Sudan, R Omdurman	Arabic	7205af			
0300	0400		Taiwan, R Taiwan Intl	English	15320as			
0300	0400		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
0300	0400	irreg	Tajikistan, VO Tajik	Tajik	7245as			
0300	0400		Tanzania, Zanzibar BC	Swahili	6015af			
0300	0400		Turkey, VO Turkey	English	6165as	9515va		
0300	0400		UK, BBC World Service	Arabic	5875af	9425af	11820af	
0300	0400		UK, BBC World Service	English	12095as	15365as		
0300	0400		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0300	0400		USA, Overcomer Ministry	English	3185na	5890va		
0300	0400		USA, R Free Asia	Mandarin	13710as	15120as	15635as	17485as
					17615as	17855as	21595as	21650as
0300	0400		USA, R Free Europe/R Liberty	Russian	7435eu	11965eu	17770eu	
0300	0400	twhfas	USA, R Marti	Spanish	6030ca	7365ca		
0300	0400		USA, RFE/RL/R Farda	Farsi	5860as	7280as	9760as	15680as
					15690as			
0300	0400		USA, VO America	English	4930af	6080af	9885af	
0300	0400		USA, VO America	Tibetan	15130as	15605as	17735as	
0300	0400		USA, VOA/Deewa R	Pashtun	9370as	11895as	12035as	
0300	0400		USA, WBCQ Monticello ME	English	7490na	9330na		
0300	0400		USA, WEWN/Irondale AL	English	11520af			
0300	0400		USA, WEWN/Irondale AL	Spanish	5810ca	11870sa		
0300	0400		USA, WHRI Cypress Crk SC	English	7385na	9825eu		

0300	0400		USA, WRMI Miami FL	English/Spanish	9955am			
0300	0400	irreg	USA, WRNO New Orleans LA	English	7506na			
0300	0400		USA, WTWW Lebanon TN	English	5085sa	5830na		
0300	0400		USA, WTWW Lebanon TN	Portuguese	12105eu			
0300	0400		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0300	0400	irreg	USA, WWRB Manchester TN	English	3185na	3195na		
0300	0400	Sun/irreg	USA, WWRB Manchester TN	English	5050na			
0300	0400		Uzbekistan, CVC/The VO Asia	Hindi	6260as	9975as		
0300	0400		Vanuatu, R Vanuatu	English/Bislama/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		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
0310	0330		Clandestine, R Sedayee Kashmir	Dogri	4870as			
0310	0400		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do	
0315	0330		Nepal, R Nepal	Nepali	5005do			
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	English/Hindi/Nicobarese		4760do		
0315	0400	mtwhfa	India, AIR/Port Blair	English/Hindi/Nicobarese		7390do		
0315	0400	Sun	India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
0315	0400		Japan, R Japan/NHK World	Swahili	7395af			
0320	0335	mh	Vatican City State, Vatican R	Urdu	15460as			
0320	0340		USA, R Free Europe/R Liberty	Chechen	7445eu	9740eu		
0325	0330		Nepal, R Nepal	Newari	5005do			
0325	0340		Swaziland, TWR Africa	Ndau	3240af			
0330	0345	smf	Swaziland, TWR Africa	Amharic	9530af			
0330	0345	t	Swaziland, TWR Africa	Oromo	9530af			
0330	0345	wh	Swaziland, TWR Africa	Sidamo	9530af			
0330	0345	Sun	Vatican City State, Vatican R	Swahili	7360af	9660af		
0330	0400		Austria, AWR Europe	Farsi	9505as			
0330	0400		Clandestine, VO Iranian Kurdistan	Farsi	3960as	4875as		
0330	0400		Germany, AWR Europe	Amharic	11610af			
0330	0400		Germany, HCJB Germany	German	3995eu	7365eu		
0330	0400		Iran, VO Islamic Palestinian Revol	Arabic	9610me	11875me		
0330	0400		Iran, VOIRI	Azeri	11670as			
0330	0400		Iran, VOIRI	Kurdish (Sorrani dialect)		7365as	9715as	
0330	0400		Iran, VOIRI/VO Justice	English	13650eu	15470eu		
0330	0400		Somalia, R Hargeysa	Somali	7120do			
0330	0400		UK, BBC World Service	Farsi	11855as	13825as	15310as	
0330	0400		USA, RFE/RL/R Free Afghanistan	Pashto	17670as	17690as		
0330	0400		USA, VO America	Kinyarwanda/Kirunda	7325af	7340af	11905af	
0330	0400		USA, VO America	Somali	11750af	13680af	15620af	
0330	0400		USA, WRMI/R Slovakia Intl relay	Spanish	9955am			
0330	0400	mtwhfa	Vatican City State, Vatican R	Swahili	7360af	9660af		
0330	0400		Vietnam, VO Vietnam/Overseas Svc	English	6175na			
0340	0400		Swaziland, TWR Africa	Lomwe	4775af			
0340	0400		USA, R Free Europe/R Liberty	Circassian	7445eu	9740eu		
0345	0400		Vatican City State, Vatican R	Somali	9660af	11625af		
0357	0400	irreg	Tunisia, RTV/R Tunisia	Arabic	17735me			

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

0400	0401		India, AIR/Gangkok	English/Hindi/vernaculars		4835do		
0400	0401	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhani		7210do		
0400	0415	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as			
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	English/Hindi/vernaculars		4850do		
0400	0415	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
0400	0415	Sat	India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
0400	0415		Vatican City State, Vatican R	Amharic	11625af	13765af		
0400	0420	sm	Clandestine, Sudan R Service	Arabic	13720af			
0400	0425		Pakistan, Azad Kashmir R	Urdu	3975do			
0400	0426	DRM	Romania, R Romania Intl	Chinese	21540as			
0400	0426		Romania, R Romania Intl	Chinese	17780as			
0400	0427		Iran, VO Islamic Palestinian Revol	Arabic	9610me	11875me		
0400	0427		Iran, VOIRI	Kurdish (Sorrani dialect)		7365as	9715as	
0400	0427		Iran, VOIRI/VO Justice	English	13650eu	15470eu		
0400	0430		Clandestine, R Tamazuj	Arabic	11650af	15400af	15500af	
0400	0430	twhf	Clandestine, Sudan R Service	Arabic	13720af			
0400	0430	tha/irreg	Clandestine, VO Eritrea	Tigrinya	7235af	9560af		
0400	0430		Clandestine, VO Iranian Kurdistan	Farsi	3960as	4875as		
0400	0430	mwf/irreg	Clandestine, VO Peace & Dem of Eritrea	Tigrinya	7235af	9560af		
0400	0430		Egypt, R Cairo	Arabic	9965as			

0400	0430		Germany, AWR Europe	Bulgarian	6020eu				
0400	0430	mtwhfa	India, AIR/Chennai	English/Hindi/Tamil	7380do				
0400	0430		India, AIR/Chennai/FM Gold	English/Hindi	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	English/Hindi/vernaculars		4910do			
0400	0430		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do				
0400	0430	Sun	India, AIR/Leh	English/Hindi/vernaculars		4660do			
0400	0430	mtwhfa	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do				
0400	0430		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		7290do			
0400	0430		Japan, R Japan/NHK World	Farsi	11730af				
0400	0430		Japan, R Japan/NHK World	Spanish	5910am	9800ca	11750sa	12015sa	
0400	0430	mtwhf	Swaziland, TWR Africa	German	3200af	4775af			
0400	0430		Taiwan, R Taiwan Intl	Cantonese	15320as				
0400	0430		UK, BBC World Service	Farsi	11855as	13825as	15310as		
0400	0430		UK, BBC World Service	Somali	11995af	15490af			
0400	0430		USA, RFE/RL/R Farda	Farsi	5860as				
0400	0430		USA, RFE/RL/R Free Afghanistan	Pashto	17670as	17690as			
0400	0430	Sat/Sun	USA, VO America	Kinyarwanda/Kirunda	7325af	7340af	11905af		
0400	0430		USA, WHRI Cypress Crk SC	English	7385na				
0400	0430		Vatican City State, Vatican R	Arabic	9645me	11715me			
0400	0430		Vatican City State, Vatican R	Chinese	21560as				
0400	0430		Vietnam, VO Vietnam/Overseas Svc	Spanish	6175na				
0400	0435	mtwhfa	India, AIR/Jepore	English/Hindi/Odia/Sanskrit		5040do			
0400	0435		India, AIR/Vivdh Bharati	Hindi	9870do				
0400	0445		Canada, Bible VO Broadcasting	Arabic	9460me				
0400	0445	Sun	India, AIR/Jepore	English/Hindi/Odia/Sanskrit		5040do			
0400	0445	Sat/Sun	Swaziland, TWR Africa	Chichewa	5995af				
0400	0447	mtwhfa	India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do			
0400	0455		Clandestine, MND Radio	Korean	5150as	6360as			
0400	0455	mtwhf	South Africa, Channel Africa	English	3345af				
0400	0455		South Africa, R Sonder Grense	Afrikaans	3320af				
0400	0456		Romania, R Romania Intl	Romanian	7350eu	9770eu			
0400	0456	irreg	Tunisia, RTV/R Tunisia	Arabic	17735me				
0400	0457		Germany, Deutsche Welle	English	9470af	12045af			
0400	0457		Iran, VOIRI	Swahili	13750af	15340af			
0400	0457		North Korea, VO Korea	English	7220as	9445as	9730as	11735ca	
					13760sa	15180sa			
					13650as	15105as			
0400	0457		North Korea, VO Korea	French	13650as				
0400	0458		New Zealand, R New Zealand Intl	English	15720pa				
0400	0458	DRM	New Zealand, R New Zealand Intl	English	17675pa				
0400	0500		Algeria, R Algerienne	Arabic/French	7295af				
0400	0500		Angola, R Nac de Angola	Portuguese	4950do				
0400	0500		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
0400	0500	twhfa	Argentina, RAE	Chinese	11710as				
0400	0500		Australia, ABC/R Australia	English	9660va	12080pa	15160pa	15240va	
					15415va	21725va			
0400	0500		Australia, ABC/R Australia	French	15515pa				
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	Arabic	9745me				
0400	0500		Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu				
0400	0500	fa	Bhutan, Bhutan BC Svc	Lhotsam	6035do				
0400	0500		Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
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/Macapa	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 Huayi BC	Amoy/Chinese	6185do			
0400	0500	China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	
0400	0500	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do	
0400	0500	China, China R International	Cantonese	9790as	15160as	15230as	
0400	0500	China, China R International	Chinese	13640as	15130as	15170as	
0400	0500	China, China R International	English	13750as	15120as	15785as	17730va
				17855va			
0400	0500	China, China R International	Hakka	15350as	17505as	17540as	17710as
0400	0500	China, China R International	Russian	5905as	15425va	15445va	15665va
0400	0500	China, China R International	Vietnamese	11650as	17740as		
0400	0500	China, CNR/China Business R	Chinese	3985do	6190do	7220do	7315do
				9515do	9570do	9620do	9645do
0400	0500	China, CNR/VO China	Chinese	4750do	4800do	6030do	6125do
				6145do	7230do	7290do	7305do
				9500do	9630do	9645do	9675do
0400	0500	China, CNR/VO Minorities	Mongolian	5955do	9610do	11815do	
0400	0500	China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do		
0400	0500	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
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)	4750do	6145do	9780do	
0400	0500	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0400	0500	China, VO the Strait	Amoy/Hakka	6115do	7280do		
0400	0500	China, VO the Strait	Chinese	6115do			
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	6130do	7385do
0400	0500	Clandestine, Denge Kurdistane	Kurdish	11510as			
0400	0500	Clandestine, Echo of Unification	Korean	6250as			
0400	0500	Clandestine, R Miraya	English/Arabic	11560af			
0400	0500	Sat Clandestine, Sudan R Service	Arabic	13720af			
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	irreg 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	5040na	6060na	9810ca	11760am
0400	0500	Cuba, R Rebelde	Spanish	5025na			
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	Swahili	15610af			
0400	0500	Egypt, R Cairo/General Pgm	Arabic	13850va			
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	5060al	7120al
				7175al	9715al		
0400	0500	Ethiopia, Amhara State Regional R	Amharic	6090do	5060al	7120al	7175al
				9715al			
0400	0500	Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0400	0500	Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
0400	0500	Ethiopia, R Oromiya	Oromo	6030af			
0400	0500	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do	5980al		
0400	0500	1st fa Finland, Scandinavian Weekend R	English/Finnish	6170eu			
0400	0500	France, R France International	French	11700af			
0400	0500	Germany, AWR Europe	Arabic	15225va			
0400	0500	Germany, Deutsche Welle	English	5905af			
0400	0500	Germany, HCJB Germany	German	3995eu	7365eu		
0400	0500	Germany, R 6150	English	6070eu			
0400	0500	Germany, R 700 Kurzwelldienst	German	3985eu			
0400	0500	Greece, Voice of Greece	Greek	9420eu	11645eu	15630eu	
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	English/Hindi/Tamil	7380do			
0400	0500	Sun India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		7420do		
0400	0500	Sun India, AIR/Imphal	English/Hindi/vernaculars		7335do		

0400	0500	Sun	India, AIR/Port Blair	English/Hindi/Nicobarese	7390do			
0400	0500		India, AIR/Srinagar	English/Hindi/vernaculars	6110do			
0400	0500		Indonesia, RRI Jakarta	Indonesian	9680do			
0400	0500		Iran, VOIRI	Azeri	11670as			
0400	0500		Iran, VOIRI	Dari	11940as	13740as		
0400	0500		Iran, VOIRI/Al Quds TV	Arabic	11660as	11760af	12080af	
0400	0500		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0400	0500		Japan, R Japan/NHK World	Japanese	15195as	15325as	17560as	17810as
0400	0500		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0400	0500	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as	
0400	0500	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0400	0500		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0400	0500		Laos, Lao Natl R/Vientane	Lao	6130do			
0400	0500		Madagascar, R Natl Malagasy	French/Malagasy	5010do	7245do		
0400	0500		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0400	0500		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
0400	0500		Malaysia, RTM/Traxx FM	English	7295do			
0400	0500		Mexico, R Educacion	English/Spanish	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	9579va			
0400	0500		Myanmar, Myanma R	minority languages	5915do			
0400	0500		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	12070eu			
0400	0500		Russia, VO Russia	Spanish	9435sa	12060sa		
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	15270as	17895as	
0400	0500		Solomon Islands, SIBC	English/Pidgin	9545do			
0400	0500		Somalia, R Hargeysa	Somali	7120do			
0400	0500		Spain, R Exterior de Espana	Spanish	3350ca	5965sa	6125va	9535ca
					9620sa			
0400	0500	Sat/Sun	Swaziland, TWR Africa	German	3200af	4775af		
0400	0500		Taiwan, R Taiwan Intl	Chinese	15245as			
0400	0500		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
0400	0500		Tajikistan, VO Tajik	Farsi	7245me			
0400	0500	irreg	Tanzania, Zanzibar BC	Swahili	6015af			
0400	0500		Turkey, VO Turkey	Turkish	6040as	11980va		
0400	0500		UK, BBC World Service	Arabic	11820af			
0400	0500	DRM	UK, BBC World Service	English	11940af	12095as	15365as	15420af
0400	0500		USA, AFN/AFRTS	English	3955eu			
0400	0500		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0400	0500		USA, Overcomer Ministry	English	3185na	5890va		
0400	0500		USA, R Free Asia	Mandarin	13790as	15615as	15635as	15660as
					17615as	17855as	21480as	21580as
0400	0500		USA, R Free Europe/R Liberty	Belarusian	6075eu	6105eu		
0400	0500		USA, R Free Europe/R Liberty	Russian	7435eu	9480eu	11965eu	
0400	0500	twhfas	USA, R Marti	Spanish	6030ca	7365ca		
0400	0500		USA, RFE/RL/R Farda	Farsi	7220as	9760as	15680as	15690as
0400	0500		USA, VO America	English	4930af	4960af	6080af	9885af
					12025af			
0400	0500		USA, VO America	Tibetan	15155as	15605as	17735as	
0400	0500		USA, VOA/R Mashaal	Pashto	12130as	15560as	15740as	
0400	0500		USA, WBCQ Monticello ME	English	9330na			
0400	0500		USA, WEWN/Irondale AL	English	11520af			
0400	0500		USA, WEWN/Irondale AL	Spanish	5810ca	11870sa		
0400	0500		USA, WHRI Cypress Crk SC	English	9825me			
0400	0500		USA, WRMI Miami FL	English/Spanish	9955am			
0400	0500		USA, WTWW Lebanon TN	English	5830na			
0400	0500		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af
0400	0500	irreg	USA, WWRB Manchester TN	English	3185na			
0400	0500		Uzbekistan, CVC/The VO Asia	Hindi	13630as			
0400	0500		Vanuatu, R Vanuatu	English/Bislama/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		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
0400	0500	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af		
0410	0500		Russia, Tatarstan Wave	Tatar/Russian	15110eu			
0415	0430	DRM	India, AIR/External Svc	Gujarati	15120af	15185af		
0415	0430		India, AIR/External Svc	Gujarati	17715af			
0415	0430		Vatican City State, Vatican R	Tigrinya	11625af	13765af		

0415	0445	t	Spain, R Exterior de Espana	Sefardi	9650na			
0420	0435	m	Clandestine, Sudan R Service	Masalit	13720af			
0420	0435	Sun	Clandestine, Sudan R Service	Zaghawa	13720af			
0420	0500		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
0430	0445	tf	Clandestine, Sudan R Service	Fur	13720af			
0430	0445	h	Clandestine, Sudan R Service	Masalit	13720af			
0430	0445	w	Clandestine, Sudan R Service	Zaghawa	13720af			
0430	0456	DRM	Romania, R Romania Intl	Russian	7390eu			
0430	0456		Romania, R Romania Intl	Russian	9800eu			
0430	0457		Iran, VOIRI	Hebrew	9610me	11875me		
0430	0500		Austria, AWR Europe	French	6155af			
0430	0500	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		
0430	0500		Clandestine, R Dabanga	Arabic (Darfuri)	11650af	15400af	15500af	
0430	0500		France, R France International	Swahili	7340af			
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	English/Hindi/vernaculars		6065do		
0430	0500	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0430	0500	Sat/Sun	India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		7290do		
0430	0500		Iran, VOIRI	Turkish	11860as	13710as		
0430	0500		Japan, R Japan/NHK World	Russian	6165eu			
0430	0500		Myanmar, Thazin R	Gekho	9590do			
0430	0500	mtwhf	Swaziland, TWR Africa	English	3200af			
0430	0500		Taiwan, R Taiwan Intl	Hakka	15320as			
0430	0500		UK, BBC World Service	French	6135af	7305af	17640af	
0430	0500		USA, RFE/RL/R Farda	Farsi	13860as			
0430	0500		USA, RFE/RL/R Free Afghanistan	Dari	17670as	17690as		
0430	0500		USA, VO America	English	4930af	4960af	6080af	12025af
0430	0500		Vatican City State, Vatican R	French	11625af	13765af		
0430	0500		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na			
0435	0500	sm	Clandestine, Sudan R Service	Arabic	13720af			
0445	0500	twhf	Clandestine, Sudan R Service	Arabic	13720af			
0455	0500		Clandestine, VO the People	Korean	3480as		4450as	4557as
					6518as	6600as		
0455	0500	irreg	Nigeria, VO Nigeria	English	15120eu			
0457	0500	irreg	Tunisia, RTV/R Tunisia	Arabic	7275eu			
0459	0500		New Zealand, R New Zealand Intl	English	11725pa			
0459	0500	DRM	New Zealand, R New Zealand Intl	English	11675pa			

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

0500	0501	mtwhf	India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
0500	0501		India, AIR/Srinagar	English/Hindi/vernaculars		6110do		
0500	0505	Sat	India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		7420do		
0500	0510		India, AIR/Kohima	English/Hindi/vernaculars		6065do		
0500	0515	f	Canada, Bible VO Broadcasting	Arabic	9735me			
0500	0526	DRM	Romania, R Romania Intl	French	11830eu			
0500	0526		Romania, R Romania Intl	French	9700af	15340as	17770af	
0500	0527		Germany, Deutsche Welle	English	5905af	9470af		
0500	0527		Iran, VOIRI	Azeri	11670as			
0500	0527		Iran, VOIRI	Russian	13750eu	15480eu	17655eu	21520eu
0500	0527		Iran, VOIRI/Al Quds TV	Arabic	11660as	11760af	12080af	
0500	0530		Austria, AWR Europe	Hausa	11955af			
0500	0530	h	Canada, Bible VO Broadcasting	Arabic	9735me			
0500	0530	th	Clandestine, Ginbot 7 Dims R	Amharic	7175af	9705af		
0500	0530		Clandestine, Sudan R Service	Arabic	13720af			
0500	0530		Germany, Missionswerk Heukelbach	German	3995eu	7205al		
0500	0530	Sun	India, AIR/Bhopal	English/Hindi/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	English/Hindi/vernaculars		4910do		
0500	0530		Japan, R Japan/NHK World	English	5975as	11970af		
0500	0530		Myanmar, Thazin R	Genko	9590do			
0500	0530		USA, RFE/RL/R Farda	Farsi	9760as			
0500	0530		USA, RFE/RL/R Free Afghanistan	Dari	17670as	17690as		
0500	0530		USA, VO America	Hausa	4960af	6035af	6095af	
0500	0530		Vatican City State, Vatican R	English	11625af	13765af		
0500	0530		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	6175na			
0500	0550		Clandestine, MND Radio	Korean	4925as	6550as		
0500	0555		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15270as	17895as	
0500	0556	irreg	Tunisia, RTV/R Tunisia	Arabic	7275eu			
0500	0557		Australia, ABC/R Australia	French	15515pa			
0500	0557		Iran, VOIRI	Turkish	11860as	13710as		
0500	0557		North Korea, VO Korea	Chinese	7220as	9445as	9730as	
0500	0557		North Korea, VO Korea	English	13650as	15105as		
0500	0557		North Korea, VO Korea	Spanish	11735ca	13760sa	15180sa	
0500	0600		Algeria, R Algerienne	Arabic/French	7295af	9535af		

0500	0600	Angola, R Nac de Angola	Portuguese	4950do			
0500	0600	Anguilla, Caribbean Beacon/Univ Net	English	6090ca			
0500	0600	Australia, ABC/R Australia	English	9660va	12080pa	13630pa	15415va
				21725va			
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	Austria, Radio O1 Intl	German	6155va			
0500	0600	Bahrain, R Bahrain	Arabic	9745me			
0500	0600	Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu			
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/Macapa	Portuguese	4915do			
0500	0600	Brazil, R Educadora/Limeira	Portuguese	2380do			
0500	0600	Brazil, R Guaruja Paulista	Portuguese	5045do			
0500	0600	Brazil, R Imaculada Conceicao	Portuguese	4755do			
0500	0600	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0500	0600	Brazil, R Maria	Portuguese	4885do			
0500	0600	Brazil, R Mundial	Portuguese	3325do			
0500	0600	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0500	0600	Brazil, R Nove de Julho	Portuguese	9820do			
0500	0600	Brazil, R Novo Tempo	Portuguese	4895do			
0500	0600	Brazil, R Trans Mundial	Portuguese	5965do			
0500	0600	Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0500	0600	Brazil, Super R 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 Huayi BC	Amoy/Chinese	6185do			
0500	0600	China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	
0500	0600	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do	
0500	0600	China, China R International	Arabic	9515af	9590me	11775af	17485va
0500	0600	China, China R International	Cantonese	15170as	15230as		
0500	0600	China, China R International	Chinese	15110as	15120as	15785as	
0500	0600	China, China R International	English	11710af	11895as	15465as	15350as
				17505va	17730va	17855va	
0500	0600	China, China R International	French	17720eu	17820eu		
0500	0600	China, China R International	Russian	15445eu	15665va		
0500	0600	China, China R International	Vietnamese	11640as	17740as		
0500	0600	China, CNR/China Business R	Chinese	3985do	6190do	7220do	7315do
				9515do	9570do	9620do	9645do
0500	0600	China, CNR/VO China	Chinese	4750do	4800do	5945do	6030do
				6125do	6145do	7230do	7290do
				7305do	9500do	9630do	9645do
0500	0600	China, CNR/VO Minorities	Kazakh	6145do	11630do	11780do	12055do
				15415do			
0500	0600	China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do		
0500	0600	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
0500	0600	China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
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)	4750do	6145do	9780do	
0500	0600	China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0500	0600	China, VO the Strait	Amoy/Hakka	6115do	7280do		
0500	0600	China, VO the Strait	Chinese	6115do			
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	6130do	7385do
0500	0600	Clandestine, Denge Kurdistane	Kurdish	11510as			
0500	0600	Clandestine, Echo of Unification	Korean	6250as			

0500	0600		Clandestine, R Dabanga	Arabic (Darfuri)	11650af	15400af	15500af		
0500	0600		Clandestine, R Miraya	English/Arabic	11560af				
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		Colombia, Salem Stereo	Spanish	14950do				
0500	0600	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
0500	0600		Cuba, R Havana Cuba	English	6010na	6060na	6125am	6165na	
0500	0600		Cuba, R Rebelde	Spanish	5025na				
0500	0600		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0500	0600		Ecuador, Centro R de Imbabura	Spanish	3380do				
0500	0600		Egypt, R Cairo	Swahili	15610af				
0500	0600		Egypt, R Cairo/General Pgm	Arabic	13850va				
0500	0600	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0500	0600		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
0500	0600		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
0500	0600		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do		5060al	7120al	
					7175al				
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/vernaculars	9705do				
0500	0600		Ethiopia, R Oromiya	Oromo	6030af				
0500	0600		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do	5980al			
0500	0600	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu				
0500	0600		France, R France International	French	11605af	13685af	13695af		
0500	0600		Germany, AWR Europe	Arabic	15225va				
0500	0600		Germany, Deutsche Welle	English	9800af	15275af			
0500	0600		Germany, R 6150	English	6070eu				
0500	0600		Germany, R 700 Kurzwellendienst	German	3985eu				
0500	0600		Greece, Voice of Greece	Greek	9420eu	11645eu	15630eu		
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	English/Hindi/Sanskrit/Tamil		7290do			
0500	0600		Indonesia, RRI Jakarta	Indonesian	9680do				
0500	0600		Indonesia, RRI Nabire	Indonesian	7290do				
0500	0600		Iran, VOIRI	Dari	11940as	13740as			
0500	0600		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
0500	0600		Japan, R Japan/NHK World	Japanese	15195as	15325as	17585as	17700as	
0500	0600		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as		
0500	0600	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as		
0500	0600	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as				
0500	0600		Kuwait, R Kuwait	Arabic	5960me	15515as			
0500	0600		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do			
0500	0600		Laos, Lao Natl R/Vientane	Lao	6130do				
0500	0600		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do			
0500	0600		Malaysia, RTM Sarawak	Malay	9835do	11665do			
0500	0600		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do			
0500	0600		Malaysia, RTM/Traxx FM	English	7295do				
0500	0600		Mexico, R Educacion	English/Spanish	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 Mediterranean Intl/Medi 1	Arabic/French	9579va				
0500	0600		Myanmar, Myanma R	minority languages	5915do				
0500	0600	DRM	New Zealand, R New Zealand Intl	English	11675pa				
0500	0600		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
0500	0600	irreg	Nigeria, VO Nigeria	English	15120af				
0500	0600		Pakistan, R Pakistan	Urdu	15725me	17830me			
0500	0600		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do				
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	12070as				
0500	0600		Russia, VO Russia	Kurdish	15760me				
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	irreg	Somalia, R Hargeysa	Somali	7120do				
0500	0600	mtwhf	South Africa, Channel Africa	English	7230af				
0500	0600		South Africa, R Sonder Grense	Afrikaans	7285af				
0500	0600		Spain, R Exterior de Espana	Spanish	3350ca	5965sa			
0500	0600	DRM	Spain, R Exterior de Espana	Spanish	9780eu				
0500	0600	mtwhf	Swaziland, TWR Africa	English	4775af				
0500	0600	Sat/Sun	Swaziland, TWR Africa	English	3200af	4775af			
0500	0600		Swaziland, TWR Africa	English	9500af				
0500	0600		Taiwan, R Taiwan Intl	Chinese	15245as				
0500	0600		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do				
0500	0600		Tajikistan, VO Tajik	Farsi	7245me				



0500	0600	irreg	Tanzania, Zanzibar BC	Swahili	6015af				
0500	0600		Turkey, VO Turkey	Turkish	6040as	11980va			
0500	0600		UK, BBC World Service	Arabic	17880af				
0500	0600		UK, BBC World Service	English	3255af	5875af	6005af	6190af	
					7355af	11945af	15420af		
0500	0600	DRM	UK, BBC World Service	English	3955eu				
0500	0600	Sat	UK, BBC World Service	Krwanada/Krundi	12095af	15490af			
0500	0600		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0500	0600		USA, Overcomer Ministry	English	3185na	5890va			
0500	0600		USA, R Free Asia	Mandarin	13790as	15615as	15635as	15660as	
					17615as	17855as	21580as	21710as	
0500	0600		USA, R Free Europe/R Liberty	Russian	9480eu	11850eu	17780eu		
0500	0600	twhf	USA, R Marti	Spanish	6030ca	7405ca			
0500	0600		USA, RFE/RL/R Farda	Farsi	7220as	13860as	15680as	15690as	
0500	0600		USA, VO America	English	4930af	6080af	12025af	15580af	
0500	0600		USA, VO America	Kurdish	11905as	15525as	17870as		
0500	0600		USA, VO America	Tibetan	15265as	15605as	17490as		
0500	0600		USA, VOA/R Mashaal	Pashto	12130as	15560as	15740as		
0500	0600		USA, WBCQ Monticello ME	English	9330na				
0500	0600		USA, WEWN/Irondale AL	English	11520af				
0500	0600		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa			
0500	0600		USA, WHRI Cypress Crk SC	English	9825me				
0500	0600		USA, WRMI Miami FL	English/Spanish	9955am				
0500	0600		USA, WTWW Lebanon TN	English	5830na				
0500	0600		USA, WWCR Nashville TN	English	3215eu	4840na	5890ca	5935af	
0500	0600	irreg	USA, WWRB Manchester TN	English	3185na				
0500	0600		Uzbekistan, CVC/The VO Asia	Hindi	13630as				
0500	0600		Vanuatu, R Vanuatu	English/Bislama/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	Arabic	6135me				
0500	0600		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
0500	0600	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af			
0515	0530		Nepal, R Nepal	Nepali	5005do				
0515	0530		Rwanda, R Rep Rwandaise	English	6055do				
0525	0600		Vanuatu, R Vanuatu	English/Bislama/French		3945do			
0529	0600	Sun	UK, BBC World Service	Hausa	6135af	7305af	9440af		
0529	0600		UK, BBC World Service	Krwanada/Krundi	12095af	15490af			
0530	0556		Romania, R Romania Intl	English	9700eu	17760pa	21500pa		
0530	0556	DRM	Romania, R Romania Intl	English	11875eu				
0530	0557		Germany, Deutsche Welle	English	9800af				
0530	0557		Germany, Deutsche Welle	Portuguese	12070af				
0530	0600		Australia, ABC/R Australia	English	17750va				
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	7175af	9705af			
0530	0600	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
0530	0600		France, R France International	Swahili	11790af				
0530	0600		Germany, Deutsche Welle	English	15275af				
0530	0600		Germany, Deutsche Welle	Portuguese	5905af	11800af			
0530	0600		Germany, HCJB Germany	German	3995eu	7365eu			
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	English/Hindi/Sanskrit/Urdu		7420do			
0530	0600		India, AIR/Mumbai	English/Hindi/Marathi	7240do				
0530	0600		Iran, VOIRI	Arabic	13785as	15150as	17550as		
0530	0600		Iran, VOIRI	Bosnian Serbo-Croatian		15320eu	17660eu		
0530	0600		Iran, VOIRI	Spanish	17530sa	17700sa			
0530	0600		Japan, R Japan/NHK World	French	11730af	13840af			
0530	0600		Japan, R Japan/NHK World	Russian	11710as	11760eu	11945eu		
0530	0600		Myanmar, Thazin R	Po	9590do				
0530	0600		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
0530	0600		Sudan, VO Africa/Sudan R	Somali	9505af				
0530	0600		Thailand, R Thailand World Svc	English	17770eu				
0530	0600		USA, RFE/RL/R Farda	Farsi	17630as				
0530	0600		USA, RFE/RL/R Free Afghanistan	Pashto	17670as	17690as			
0530	0600	mtwhf	USA, VO America	French	4960af	6095af	9885af	13830af	
0530	0600		Vatican City State, Vatican R	Latin/Mass	5980eu	7250eu	9645eu	11740af	
					15595me				
0530	0600		Vatican City State, Vatican R	Portuguese	11625af	13765af	15570af		
0535	0547	twhfa	New Zealand, R New Zealand Intl	English	15720pa				
0545	0559		Austria, TWR Europe	Polish	5910eu	7225eu			
0545	0600		Brazil, R Itatiaia	Portuguese	5970do				
0548	0600		New Zealand, R New Zealand Intl	English	11725pa				

0555	0600		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as
0555	0600	w/irreg	Guinea, RTV Guinea	French/vernacular	7125do		
0555	0600		Mali, ORTM/R Mali	English/Arabic/Bambara/French	5995do		

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

0600	0605	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as	
0600	0615		Austria, Radio O1 Intl	German	6155va			
0600	0615		Canada, Bible VO Broadcasting	Arabic	11655af			
0600	0615	Sat	USA, WHRI Cypress Crk SC	French	9825me			
0600	0615	mtwhfa	Vatican City State, Vatican R	Italian	15595me			
0600	0625		Colombia, Salem Stereo	Spanish	14950do			
0600	0626	DRM	Romania, R Romania Intl	German	7435eu			
0600	0626		Romania, R Romania Intl	German	9700eu			
0600	0627		Germany, Deutsche Welle	English	15275af			
0600	0627		Iran, VOIRI	Bosnian Serbo-Croatian		15320eu	17660eu	
0600	0627		Iran, VOIRI	Dari	11940as	13740as		
0600	0627		Iran, VOIRI	Spanish	17530sa	17700sa		
0600	0629		UK, BBC World Service	French	7305af	9915af	11865af	
0600	0630		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
0600	0630		China, Xizang PBS	English	6025do	6130do	9580do	
0600	0630	wa/irreg	Clandestine, Aedalartint Saesi/VO Justice	Azeri	9677as			
0600	0630		France, R France International	Hausa	13750af	15340af		
0600	0630		Germany, Deutsche Welle	English	15440af	17800af		
0600	0630	Sat/Sun	India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		7290do		
0600	0630		Japan, R Japan/NHK World	Arabic	11975af			
0600	0630		Myanmar, Thazin R	Po	9590do			
0600	0630	irreg	Somalia, R Hargeysa	Somali	7120do			
0600	0630		Sudan, VO Africa/Sudan R	Somali	9505af			
0600	0630		USA, RFE/RL/R Free Afghanistan	Pashto	17670as	17690as		
0600	0630	mtwhf	USA, VO America	French	4960af	6095af	9885af	13830af
0600	0630		Vatican City State, Vatican R	French	13765af	15570af		
0600	0635		Clandestine, MND Radio	Korean	6270as	6480as		
0600	0655		Saudi Arabia, BSKSA/External Svc	Swahili	15285af			
0600	0655	mtwhf	South Africa, Channel Africa	English	7230af	15255af		
0600	0657		Iran, VOIRI	Hausa	17540af			
0600	0657		North Korea, VO Korea	Chinese	13650as	15105as		
0600	0657		North Korea, VO Korea	English	7220as	9445as	9730as	
0600	0657		North Korea, VO Korea	French	11735ca	13760sa	15180sa	
0600	0700		Algeria, R Algerienne	Arabic/French	11985af			
0600	0700		Angola, R Nac de Angola	Portuguese	4950do			
0600	0700		Anguilla, Caribbean Beacon/Univ Net	English	6090ca			
0600	0700		Australia, ABC/R Australia	English	9660va	11945va	13630pa	15240va
					15415va	17750va	21725va	
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		Bahrain, R Bahrain	Arabic	9745me			
0600	0700		Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as			
0600	0700		Belarus, Belaruskaje Radyjo 1	Belarusian	11930eu			
0600	0700		Bhutan, Bhutan BC Svc	Shar chop	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/Macapá	Portuguese	4915do			
0600	0700		Brazil, R Educadora/Limeira	Portuguese	2380do			
0600	0700		Brazil, R Guarujá Paulista	Portuguese	5045do			
0600	0700		Brazil, R Imaculada Conceicao	Portuguese	4755do			
0600	0700		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
0600	0700		Brazil, R Itatiaia	Portuguese	5970do			
0600	0700		Brazil, R Maria	Portuguese	4885do			
0600	0700		Brazil, R Meteorologia Paulista	Portuguese	4845do			
0600	0700		Brazil, R Mundial	Portuguese	3325do			
0600	0700		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
0600	0700		Brazil, R Nove de Julho	Portuguese	9820do			
0600	0700		Brazil, R Novo Tempo	Portuguese	4895do			
0600	0700		Brazil, R Trans Mundial	Portuguese	5965do			
0600	0700		Brazil, R Voz Missionaria	Portuguese	5940do	9665do		
0600	0700		Brazil, Super R 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 Huayi BC	Amoy/Chinese	6185do				
0600	0700		China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do		
0600	0700		China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do		
0600	0700		China, China R International	Arabic	9515af	9590me	11775af	17485va	
0600	0700		China, China R International	Chinese	15120as	15170as	15230as	15785as	
					17615as	17650eu	17740as		
0600	0700		China, China R International	English	11710af	11870me	15140me	15350as	
					17505va	17710as			
					17865eu				
0600	0700		China, China R International	French	17720eu	17820eu			
0600	0700		China, China R International	German	17515eu				
0600	0700		China, China R International	Italian	17680eu				
0600	0700		China, China R International	Spanish	3985do	6190do	7220do	7315do	
0600	0700		China, CNR/China Business R	Chinese	9515do	9570do	9620do	9645do	
					4750do	4800do	5945do	6030do	
					6125do	6145do	7230do	7290do	
					7305do	9500do	9630do	9645do	
					5955do	9440do	9610do		
0600	0700	mtwhf	China, CNR/VO Minorities	Korean	6165do	11905do			
0600	0700		China, CNR/VO Shenzhou	Amoy/Chinese	5925do	9685do	11620do	11935do	
0600	0700		China, CNR/VO Zhonghua	Amoy/Chinese	3900do				
0600	0700		China, Hulun Buir PBS	Chinese	3900do				
0600	0700		China, Hunan PBS	Chinese	7420do	9520do			
0600	0700		China, Nei Menggu PBS	Chinese	6040do	7270do	9750do		
0600	0700		China, Nei Menggu PBS	Mongolian	4750do	6145do	9780do		
0600	0700		China, Qinghai PBS	Tibetan (Amdo dialect)	6060do	7225do			
0600	0700		China, Sichuan PBS-2	Chinese/Tibetan/Yui	13660as				
0600	0700		China, VO the South China Sea	English	6115do	7280do			
0600	0700		China, VO the Strait	Amoy/Hakka	6115do				
0600	0700		China, VO the Strait	Chinese	3950do	5060do	7230do	7260do	
0600	0700		China, Xinjiang PBS	Chinese	7275do	7310do	7340do	9510do	
					9600do	11770do			
					7295do	9705do	11975do		
0600	0700		China, Xinjiang PBS	Kyrgyz	4500do	7230do	9510do		
0600	0700		China, Xinjiang PBS	Mongolian	3990do	7275do	9560do	11885do	
					13670do				
0600	0700		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	11860do	11950do		
0600	0700		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
0600	0700		Clandestine, Denge Kurdistane	Kurdish	11510as				
0600	0700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
0600	0700		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
0600	0700		Colombia, La Voz de tu Conciencia	Spanish	6010do				
0600	0700		Colombia, R Alcaravan	Spanish	5910do				
0600	0700	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
0600	0700	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
0600	0700	irreg	Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
0600	0700		Cuba, R Havana Cuba	English	6010na	6060na	6125am	6165na	
0600	0700		Cuba, R Rebelde	Spanish	5025na				
0600	0700		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0600	0700		Ecuador, Centro R de Imbabura	Spanish	3380do				
0600	0700		Egypt, R Cairo/General Pgm	Arabic	13850va				
0600	0700	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0600	0700		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				
0600	0700		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do			
0600	0700		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	5060al	7120al	
					7175al	9715al			
					6110do	7210do			
0600	0700		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali	9705do				
0600	0700		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	5950af				
0600	0700		Ethiopia, VO Tigray Revol	Afar/Tigrina	5980eu				
0600	0700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	11605af	13695af	15300af		
0600	0700		France, R France International	French	7265eu				
0600	0700	wa/irreg	Germany, Hamburger Lokalradio	English	3995eu	7365eu			
0600	0700		Germany, HCJB Germany	German	6070eu				
0600	0700		Germany, R 6150	English	3985eu	7310eu			
0600	0700		Germany, R 700 Kurzwelldienst	German	9420eu	11645eu	15630eu		
0600	0700		Greece, Voice of Greece	Greek	7125do				
0600	0700	w/irreg	Guinea, RTV Guinee	French/vernacular		3290do			
0600	0700		Guyana, Voice of Guyana	English/Hindi/vernacular					
0600	0700		India, AIR/Chennai	English/Hindi/Tamil	7380do				
0600	0700		India, AIR/Guwahati	Assamese/Hindi/vernaculars		7280do			
0600	0700		India, AIR/Hyderabad	English/Hindi/Sanskrit/Urdu		7420do			
0600	0700		India, AIR/Imphal	English/Hindi/vernaculars		7335do			

0600	0700	Sun	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do				
0600	0700		India, AIR/Mumbai	English/Hindi/Marathi	7240do				
0600	0700		Indonesia, RRI Jakarta	Indonesian	9680do				
0600	0700		Indonesia, RRI Nabire	Indonesian	7290do				
0600	0700		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
0600	0700		Japan, R Japan/NHK World	Japanese	15195as	15325as	17585as	17700as	
0600	0700		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as		
0600	0700	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as				
0600	0700		Kuwait, R Kuwait	Arabic	5960me	15515as			
0600	0700		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do			
0600	0700		Laos, Lao Natl R/Vientane	Lao	6130do				
0600	0700		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do			
0600	0700		Malaysia, RTM Sarawak	Malay	9835do	11665do			
0600	0700		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do			
0600	0700		Malaysia, RTM/Traxx FM	English	7295do				
0600	0700		Mali, ORTM/R Mali	English/Arabic/Bambara/French	5995do				
0600	0700		Mauritania, R Mauritanie	Arabic/French/vernaculars	4845do				
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	9579va				
0600	0700		Myanmar, Myanma R	minority languages	5915do				
0600	0700	DRM	New Zealand, R New Zealand Intl	English	9890pa				
0600	0700		New Zealand, R New Zealand Intl	English	11725pa				
0600	0700		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do				
0600	0700	irreg	Nigeria, VO Nigeria	English	15120af				
0600	0700		Pakistan, R Pakistan	Urdu	15725me	17830me			
0600	0700		Papua New Guinea, R Buka	Tok Pisin	3325do				
0600	0700		Papua New Guinea, R Central	English/Tok Pisin	3290do				
0600	0700		Papua New Guinea, R East New Britain	English/Tok Pisin	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 Vanimo	English/Tok Pisin	3205do				
0600	0700		Papua New Guinea, R Western	English/Tok Pisin	3305do				
0600	0700		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do				
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	12070as				
0600	0700		Russia, VO Russia	English	21800pa	21820pa			
0600	0700	DRM	Russia, VO Russia	English	11830eu				
0600	0700		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do				
0600	0700		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740eu			
0600	0700		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me	17895as		
0600	0700		Solomon Islands, SIBC	English/Pidgin	9545do				
0600	0700		South Africa, R Sonder Grense	Afrikaans	7285af				
0600	0700		Spain, R Exterior de Espana	Spanish	5965sa				
0600	0700	DRM	Spain, R Exterior de Espana	Spanish	9780eu				
0600	0700		Swaziland, TWR Africa	English	4775af	6120af			
0600	0700		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do				
0600	0700		Tajikistan, VO Tajik	Dari	7245as				
0600	0700		Turkey, VO Turkey	Turkish	11750as	11955va	13635va		
0600	0700		UK, BBC World Service	Arabic	17880af				
0600	0700		UK, BBC World Service	English	6005af	6190af	7355af	9860af	
0600	0700				12095af	15105af	15420af	17640af	
0600	0700	DRM	UK, BBC World Service	English	5875eu	7325eu			
0600	0700		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0600	0700		USA, Overcomer Ministry	English	3185na	5890va			
0600	0700		USA, R Free Asia	Mandarin	13790as	15615as	15635as	17495as	
					17615as	17855as	21580as	21715as	
0600	0700		USA, R Free Asia	Tibetan	17510as	17765as	21500as	21690as	
0600	0700		USA, R Free Europe/R Liberty	Russian	9480eu	11850eu	17780eu		
0600	0700	twhfas	USA, R Marti	Spanish	6030ca	7405ca			
0600	0700		USA, RFE/RL/R Farda	Farsi	7220as	13860as	15680as	15690as	
					17630as				
0600	0700		USA, VO America	English	6080af	12025af	15580af		
0600	0700		USA, VOA/R Mashaal	Pashto	12130as	15360as	15740as		
0600	0700		USA, WBCQ Monticello ME	English	9330na				
0600	0700		USA, WEWN/Irondale AL	English	11520af				
0600	0700		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa			
0600	0700		USA, WHRI Cypress Crk SC	English	9825me				
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	irreg	USA, WWRB Manchester TN	English	3185na				
0600	0700		Uzbekistan, CVC/The VO Asia	Hindi	13630as				

0600	0700		Vanuatu, R Vanuatu	English/Bislama/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	Arabic	6135me		
0600	0700		Zambia, Zambia Natl BC	English/Bemba/vernaculars	5915do	6165do	
0600	0700	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona	4828af		
0610	0700		Russia, Tatarstan Wave	Tatar/Russian	9690as		
0610	0700	Sun	Vatican City State, Vatican R	Romanian/Liturgy	7250eu	9645eu	
0615	0630	mtwhfa	Vatican City State, Vatican R	French	15595me		
0615	0700	Sat	USA, WHRI Cypress Crk SC	English	9825me		
0615	0700	Sun	Vatican City State, Vatican R	Ukrainian/Liturgy	9850eu	11740eu	
0620	0700		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do		
0625	0630		Germany, Lutherische Stunde	German	3995eu	7205af	
0629	0700		UK, BBC World Service	Hausa	9440af	11800af	15515af
0630	0645	mtwhfa	Vatican City State, Vatican R	English	15595me		
0630	0656		Romania, R Romania Intl	Arabic	9770af	11790af	15400af 17575af
0630	0700		Germany, Deutsche Welle	Hausa	12045af	15275af	21780af
0630	0700		Germany, Deutsche Welle	English	15440af	17800af	
0630	0700		Greece, ERA5/R Filia	Spanish	7475eu	11645af	
0630	0700		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu	7430do		
0630	0700	mtwhfa	India, AIR/Imphal	English/Hindi/vernaculars	7335do		
0630	0700		India, AIR/Jaipur	English/Hindi/vernaculars	7325do		
0630	0700	Sun	India, AIR/Leh	English/Hindi/vernaculars	6000do		
0630	0700		India, AIR/Srinagar	English/Hindi/vernaculars	6110do		
0630	0700		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil	7290do		
0630	0700		Iran, VOIRI	Albanian	15500eu	17595eu	
0630	0700		Iran, VOIRI	French	17610eu	17890eu	
0630	0700		Iran, VOIRI	Italian	15480eu	17660eu	
0630	0700		Myanmar, Thazin R	Kyah	9590do		
0630	0700		Philippines, FEBC Philippines	Chinese	15450as		
0630	0700		Sudan, VO Africa/Sudan R	Swahili	9505af		
0630	0700		USA, RFE/RL/R Free Afghanistan	Dari	17670as	17690as	
0630	0700		Vatican City State, Vatican R	English	13765af	15570af	
0645	0700	mtwhfa	Vatican City State, Vatican R	Arabic	7250eu	11740af	15595me
0656	0700		India, AIR/Shillong	Hindi/Mizo/Meghalaya	7315do		
0657	0700		Germany, TWR Europe	English	6105eu		
0657	0700	irreg	Tunisia, RTV/R Tunisia	Arabic	7335af		

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

0700	0705	mtwhfa	Vatican City State, Vatican R	Arabic	7250eu	11740af	15595me	
0700	0727		Iran, VOIRI	Albanian	15500eu	17595eu		
0700	0727		Iran, VOIRI	French	17610eu	17890eu		
0700	0727		Iran, VOIRI	Italian	15480eu	17660eu		
0700	0729		UK, BBC World Service	French	11800af	17880af		
0700	0730		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
					7240do	11860do	11950do	
0700	0730	Sun	Cuba, R Havana Cuba	Esperanto	6010na			
0700	0730		France, R France International	Hausa	13685af	15315af		
0700	0730		Greece, ERA5/R Filia	German	7475eu	11645af		
0700	0730		Myanmar, Myanma R	English	5985do			
0700	0730		Myanmar, Myanma R	minority languages	5915do			
0700	0730		Myanmar, Thazin R	Kyah	9590do			
0700	0730		Sudan, VO Africa/Sudan R	Swahili	9505af			
0700	0730		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as		
0700	0730		USA, VO America	Hausa	4960af	11885af	13725af	
0700	0730	Sun	Vatican City State, Vatican R	Romanian/Liturgy	7250eu	9645eu		
0700	0735		Clandestine, MND Radio	Korean	5290as	6435as		
0700	0735		Vanuatu, R Vanuatu	English/Bislama/French		7260do		
0700	0745	Sat/Sun	Canada, Bible VO Broadcasting	English	7345eu			
0700	0745	Sun	Vatican City State, Vatican R	Ukrainian/Liturgy	9850eu	11740eu		
0700	0750		Austria, TWR Europe	English	7400eu			
0700	0750		Germany, TWR Europe	English	6105eu			
0700	0755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me	17895as	
0700	0755		South Africa, R Sonder Grense	Afrikaans	7285af			
0700	0756	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc		13750af	15260as	15760as
					17720me			
0700	0756	irreg	Tunisia, RTV/R Tunisia	Arabic	7335af			
0700	0757		North Korea, VO Korea	Japanese	3250as	9650as	11865as	
0700	0757		North Korea, VO Korea	Russian	9875eu	11735eu	13760eu	15245eu
0700	0758		New Zealand, R New Zealand Intl	English	11725pa			
0700	0758	DRM	New Zealand, R New Zealand Intl	English	9890pa			
0700	0800		Albania, R Tirana	Albanian	7390eu			
0700	0800		Angola, R Nac de Angola	Portuguese	4950do			
0700	0800		Anguilla, Caribbean Beacon/Univ Net	English	6090ca			

0700	0800		Australia, ABC/R Australia	English	7410va 11945va	9475as 12080pa	9660va 13630pa	9710va 15240va
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	Arabic	9745me			
0700	0800		Bangladesh, Bangla Betar/Home Svc	English/Bengali	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/Macapa	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	English/French/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 Huayi BC	Amoy/Chinese	6185do			
0700	0800		China, China Natl R/CNR11	Tibetan	6010do	9530do	11685do	
0700	0800		China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
0700	0800		China, China R International	Cantonese	11640as	15230as		
0700	0800		China, China R International	Chaozhou	15145as	17560as		
0700	0800		China, China R International	Chinese	11785eu 17740as	17520as	17650eu	17615as
0700	0800		China, China R International	English	11895as 15465as 17710as	13660as 17480va	13710eu 17490eu	15350as 17540as
0700	0800		China, China R International	French	17865eu			
0700	0800		China, China R International	Spanish	17680eu			
0700	0800		China, CNR/China Business R	Chinese	3985do 9515do	6190do 9570do	7220do 9620do	7315do 9645do
0700	0800		China, CNR/VO China	Chinese	4750do 6125do 7305do	4800do 6145do 9500do	5945do 7230do 9645do	6030do 7290do 9675do
0700	0800	mtwhf	China, CNR/VO Minorities	Mongolian	5955do			
0700	0800		China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do		
0700	0800		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do
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)	4750do	6145do	9780do	
0700	0800		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0700	0800		China, VO the Strait	Amoy/Hakka	6115do	7280do		
0700	0800		China, VO the Strait	Chinese	6115do			
0700	0800		China, Xinjiang PBS	Chinese	3950do 7275do	5060do 7310do	7230do 7340do	7260do 9510do
0700	0800		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do	

0700	0800		China, Xinjiang PBS	Uyghur	3990do 13670do	7275do	9560do	11885do
0700	0800		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
0700	0800		Clandestine, Denge Kurdistane	Kurdish	11510as			
0700	0800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0700	0800		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
0700	0800		Colombia, La Voz de tu Conciencia	Spanish	6010do			
0700	0800		Colombia, R Alcaravan	Spanish	5910do			
0700	0800	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do		
0700	0800		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do		
0700	0800		Cuba, R Rebelde	Spanish	5025na			
0700	0800		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
0700	0800		Ecuador, Centro R de Imbabura	Spanish	3380do			
0700	0800		Egypt, R Cairo/General Pgm	Arabic	17510af			
0700	0800	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
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 7175al	5060al	7120al
0700	0800		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
0700	0800		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
0700	0800		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950af			
0700	0800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu			
0700	0800		France, R France International	French	13695af 21580af	15170af	15300af	17850af
0700	0800	mwf/irreg	Georgia, R Abkhazia	Abkhaz/Russian	9535as			
0700	0800		Germany, AWR Europe	Arabic	15225af			
0700	0800	wa/irreg	Germany, Hamburger Lokalradio	English	7265eu			
0700	0800		Germany, HCJB Germany	German	3995eu	7365eu		
0700	0800		Germany, R 6150	English	6070eu			
0700	0800		Germany, R 700 Kurzwelldienst	German	3985eu	7310eu		
0700	0800		Greece, Voice of Greece	Greek	9420eu	11645eu	15630eu	
0700	0800	w/irreg	Guinea, RTV Guinee	French/vernacular	7125do			
0700	0800		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do		
0700	0800		India, AIR/Aizawl	English/Hindi/vernaculars		7295do		
0700	0800		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do		
0700	0800		India, AIR/Chennai	English/Hindi/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	English/Hindi/Sanskrit/Urdu		7420do		
0700	0800		India, AIR/Imphal	English/Hindi/vernaculars		7335do		
0700	0800		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		6150do		
0700	0800		India, AIR/Jaipur	English/Hindi/vernaculars		7325do		
0700	0800		India, AIR/Jeyapore	English/Hindi/Odia/Sanskrit		6040do		
0700	0800		India, AIR/Kohima	English/Hindi/vernaculars		6065do		
0700	0800		India, AIR/Kolkata	Bengali/Hindi/Santhani		7210do		
0700	0800		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
0700	0800		India, AIR/Leh	English/Hindi/vernaculars		6000do		
0700	0800		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0700	0800		India, AIR/Mumbai	English/Hindi/Marathi	7240do			
0700	0800		India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars		6110do		
0700	0800		India, AIR/Thiruvananthapuram	English/Hindi/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, VOIRI	Arabic	13785as	15150as	17550as	
0700	0800		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0700	0800		Japan, R Japan/NHK World	Japanese	6165as 15325as	9750as 17585as	11710as 17700as	11945as
0700	0800		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
0700	0800	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as			
0700	0800		Kuwait, R Kuwait	Arabic	5960me	15515as		
0700	0800		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0700	0800		Laos, Lao Natl R/Vientane	Khmu	6130do			
0700	0800		Laos, Lao Natl R/Vientane	Lao	6130do			
0700	0800		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0700	0800		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0700	0800		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
0700	0800		Malaysia, RTM/Traxx FM	English	7295do			
0700	0800		Mali, ORTM/R Mali	English/Arabic/Bambara/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	9579va			
0700	0800		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
0700	0800		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		

0700	0800	irreg	Nigeria, VO Nigeria	French	15120af			
0700	0800		Papua New Guinea, R Buka	Tok Pisin	3325do			
0700	0800		Papua New Guinea, R Central	English/Tok Pisin	3290do			
0700	0800		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
0700	0800		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
0700	0800		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
0700	0800		Papua New Guinea, R Western	English/Tok Pisin	3305do			
0700	0800		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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		Philippines, FEBC Philippines	Chinese	15450as			
0700	0800		Russia, R Rossii	Russian	12070as			
0700	0800		Russia, VO Russia	English	13785as	17500as	21800pa	21820pa
0700	0800	DRM	Russia, VO Russia	English	11830eu			
0700	0800		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do			
0700	0800		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740eu		
0700	0800		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
0700	0800	mtwhf	South Africa, Channel Africa	English	9625af			
0700	0800		South Korea, KBS World R	Korean	9860eu			
0700	0800		Spain, R Exterior de Espana	Spanish	5965sa			
0700	0800	DRM	Spain, R Exterior de Espana	Spanish	9780eu			
0700	0800		Swaziland, TWR Africa	English	4775af	6120af	9500af	
0700	0800		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
0700	0800		Tajikistan, VO Tajik	Dari	7245as			
0700	0800		Turkey, VO Turkey	Azerbaijan	11730as			
0700	0800		Turkey, VO Turkey	Turkish	11750as	11955va	13635va	
0700	0800		UK, BBC World Service	English	6190af	11770af	12095af	13660af
					15400af	15420af	17640af	17830af
0700	0800	DRM	UK, BBC World Service	English	5875eu	7325eu		
0700	0800		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0700	0800		USA, Overcomer Ministry	English	3185na	5890va		
0700	0800	twhfas	USA, R Marti	Spanish	5980ca	6030ca		
0700	0800		USA, RFE/RL/R Farda	Farsi	7220as	13860as	15680as	15690as
					17630as			
0700	0800		USA, VOA/R Mashaal	Pashto	12130as	15360as	15740as	
0700	0800		USA, WBCQ Monticello ME	English	9330na			
0700	0800		USA, WEWN/Irondale AL	English	11520af			
0700	0800		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa		
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	irreg	USA, WWRB Manchester TN	English	3185na			
0700	0800		Uzbekistan, CVC/The VO Asia	Hindi	13630as			
0700	0800		Vanuatu, R Vanuatu	English/Bislama/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	irreg	Yemen, Rep of Yemen R	Arabic	6135me			
0700	0800		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
0715	0730		Nepal, R Nepal	Nepali	5005do			
0730	0745		Greece, ERA5/R Filia	Russian	7475eu	11645al		
0730	0800		Australia, HCJB Global Australia	English	15490as			
0730	0800		China, CNR/VO China	Chinese	4750do	4800do	9830do	11710do
0730	0800		Clandestine, R Sedayee Kashmir	Kashmiri	6100as			
0730	0800		Iran, VOIRI	German	15500eu	17570eu		
0730	0800		Iran, VOIRI	Pashto	11810as	13730as		
0730	0800		Myanmar, Thazin R	Shan	9590do			
0730	0800		Philippines, FEBC Philippines	Chinese	15525as			
0730	0800		Sudan, VO Africa/Sudan R	English	9505af			
0730	0800		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as		
0730	0800	Sun	Vatican City State, Vatican R	Italian/Mass	7250eu			
0745	0800		Greece, ERA5/R Filia	Polish	7475eu	11645al		
0745	0800		Indonesia, RRI Makassar	Indonesian	4750do			
0750	0800		Indonesia, RRI Kendari	Indonesian	3995do			
0750	0800		Indonesia, RRI Ternate	Indonesian	3345do			
0759	0800		New Zealand, R New Zealand Intl	English	9700pa			
0759	0800	DRM	New Zealand, R New Zealand Intl	English	9890pa			



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

0800	0805		Greece, Voice of Greece	Greek	9420eu	11645eu	15630eu		
0800	0810		Clandestine, R Sedayee Kashmir	Kashmiri	6100as				
0800	0815		Indonesia, RRI Nabire	Indonesian	7290do				
0800	0815	Sun	Vatican City State, Vatican R	Italian/Mass	7250eu				
0800	0827		Iran, VOIRI	German	15500eu	17570eu			
0800	0827		Iran, VOIRI	Pashto	11810as	13730as			
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		China, CNR/VO China	Chinese	9645do	9675do			
0800	0830	mwf/irreg	Georgia, R Abkhazia	Abkhaz/Russian	9535as				
0800	0830		Germany, AWR Europe	French	15140af				
0800	0830		Germany, AWR Europe	Kabyle	15225af				
0800	0830		Germany, Deutsche Welle	Pashto	15640as	17860as			
0800	0830		Greece, ERA5/R Filia	Bulgarian	7475eu	11645al			
0800	0830		Japan, R Japan/NHK World	Russian	6165eu	11710as	11945as		
0800	0830		Myanmar, Thazin R	Shan	9590do				
0800	0830	mtw	Philippines, FEBC Philippines	Madurese	15320as				
0800	0830	hf	Philippines, FEBC Philippines	Sasak	15320as				
0800	0830		Sudan, VO Africa/Sudan R	English	9505af				
0800	0830		UK, FEBA Radio	Arabic	15280me				
0800	0830		USA, RFE/RL/R Farda	Farsi	7220as				
0800	0830		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as			
0800	0855		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	17730af	17740eu			
0800	0856	Sun	Romania, R Romania Intl	Romanian/Curierul Romanesc	17860me	13750af	15450as	15700as	
0800	0857		North Korea, VO Korea	Chinese	7220as	9445as			
0800	0857		North Korea, VO Korea	Japanese	3250as	9650as	11865as		
0800	0857		North Korea, VO Korea	Russian	9875eu	11735eu	13760eu	15245eu	
0800	0900		Albania, R Tirana	Albanian	7390eu				
0800	0900		Angola, R Nac de Angola	Portuguese	4950do				
0800	0900		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
0800	0900		Australia, ABC/R Australia	English	5995as	7410va	9475as	9580pa	
					9710va	11945va	12080pa	15240va	
0800	0900		Australia, Symban World R	Greek	2369do				
0800	0900		Bahrain, R Bahrain	Arabic	9745me				
0800	0900		Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as				
0800	0900		Bhutan, Bhutan BC Svc	English	6035do				
0800	0900	fa	Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
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/Macapá	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 Guarujá Paulista	Portuguese	5045do				
0800	0900		Brazil, R Guarujá/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	English/French/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 Huayi BC	Amoy/Chinese	6185do				
0800	0900		China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do	9530do	
0800	0900		China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do		
0800	0900		China, China R International	Chinese	9880as	11640as	11785eu	15230as	
					15560va	17520as	17560va	17650eu	
0800	0900		China, China R International	English	11620as	11895as	13710as	15350as	
					15465as	17480va	17490eu	17540as	
0800	0900		China, China R International	Hausa	7295af				
0800	0900		China, China R International	Russian	15335va	15665va			
0800	0900		China, CNR/China Business R	Chinese	3985do	6190do	7220do	7315do	
					9570do	9620do	9755do	9810do	
0800	0900		China, CNR/VO Shenzhou	Amoy/Chinese	6165do	11905do			
0800	0900		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9685do	11620do	11935do	
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)	4750do	6145do	9780do		
0800	0900		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
0800	0900		China, VO the Strait	Amoy/Hakka	6115do	7280do			
0800	0900		China, VO the Strait	Chinese	6115do				
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	6130do	7385do	
0800	0900		Clandestine, Denge Kurdistane	Kurdish	11510as				
0800	0900		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
0800	0900		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
0800	0900		Cuba, R Rebelde	Spanish	5025na				
0800	0900		Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do				
0800	0900		Ecuador, Centro R de Imbabura	Spanish	3380do				
0800	0900		Egypt, R Cairo/General Pgm	Arabic	17510af				
0800	0900	irreg	Eqat Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
0800	0900		Eqat 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	5060al	7120al	
					7175al	6110do	7210do		
0800	0900		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali					
0800	0900		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do				
0800	0900		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950af				
0800	0900	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu				
0800	0900		France, R France International	French	13695af	13695af	17620af	21580af	
0800	0900	wa/irreg	Germany, Hamburger Lokalradio	German	6190eu				
0800	0900		Germany, HCJB Germany	German	3995eu	7365eu			
0800	0900	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
0800	0900		Germany, R 6150	English	6070eu				
0800	0900		Germany, R 700 Kurzwelldienst	German	6005eu	6005eu	7310eu		
0800	0900	Sun/irreg	Guinea, RTV Guinee	French/vernacular	7125do				
0800	0900		Guyana, Voice of Guyana	English/Hindi/vernacular		3290do			
0800	0900		India, AIR/Aizawl	English/Hindi/vernaculars		7295do			
0800	0900		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do			
0800	0900		India, AIR/Chennai	English/Hindi/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	English/Hindi/vernaculars		7335do			
0800	0900		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		6150do			
0800	0900		India, AIR/Jaipur	English/Hindi/vernaculars		7325do			

0800	0900		India, AIR/Jeypore	English/Hindi/Odia/Sanskrit	6040do			
0800	0900		India, AIR/Kohima	English/Hindi/vernaculars	6065do			
0800	0900		India, AIR/Kolkata	Bengali/Hindi/Santhani	7210do			
0800	0900		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
0800	0900		India, AIR/Leh	English/Hindi/vernaculars	6000do			
0800	0900		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0800	0900		India, AIR/Mumbai	English/Hindi/Marathi	7240do			
0800	0900		India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars	6110do			
0800	0900		India, AIR/Thiruvananthapuram	English/Hindi/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, VOIRI	Arabic	13785as	15150as	17550as	
0800	0900		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0800	0900	Sat	Italy, IRRS Shortwave	English	9510va			
0800	0900		Japan, R Japan/NHK World	Japanese	9750as	11740as	11750as	12015as
					15290as	15325as	17585as	17895as
0800	0900		Japan, R Nikkei/Pgm 1	Japanese	3925as			
0800	0900	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as	6055as	9595as	
0800	0900		Kuwait, R Kuwait	Arabic	5960me	15515as		
0800	0900		Kuwait, R Kuwait	Farsi	7250me			
0800	0900		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
0800	0900		Laos, Lao Natl R/Vientane	Lao	6130do			
0800	0900		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
0800	0900		Malaysia, RTM Sarawak	Malay	9835do	11665do		
0800	0900		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
0800	0900		Malaysia, RTM/Traxx FM	English	7295do			
0800	0900		Mali, ORTM/R Mali	English/Arabic/Bambara/French	9635do			
0800	0900		Mauritania, R Mauritania	Arabic/French/vernaculars	4845do			
0800	0900		Micronesia, V6MP/Cross R/Pohnpei	English	4755			
0800	0900		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
0800	0900		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
0800	0900	mtwhf	Netherlands, Transport R	Dutch	6095eu			
0800	0900		New Zealand, R New Zealand Intl	English	9700pa			
0800	0900	DRM	New Zealand, R New Zealand Intl	English	9890pa			
0800	0900		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars	9705do			
0800	0900		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do			
0800	0900	irreg	Nigeria, VO Nigeria	English	15120af			
0800	0900	irreg	Nigeria, VO Nigeria	Hausa	9690af			
0800	0900	mtwhfs	Palau, T8WH/World Harvest R	English	9930as			
0800	0900	Sat	Palau, T8WH/World Harvest R	Japanese	9930as			
0800	0900		Papua New Guinea, R Buka	Tok Pisin	3325do			
0800	0900		Papua New Guinea, R Central	English/Tok Pisin	3290do			
0800	0900		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
0800	0900		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
0800	0900		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
0800	0900		Papua New Guinea, R Western	English/Tok Pisin	3305do			
0800	0900		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	Hu/Mongolian	15450as			
0800	0900		Russia, VO Russia	English	13785as	17500as	21800va	21820pa
0800	0900	DRM	Russia, VO Russia	English	9850eu	11830eu		
0800	0900	DRM	Russia, VO Russia	Russian	9850eu			
0800	0900		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili	6055do			
0800	0900		Saudi Arabia, BSKSA/European Pgm	French	17785af			
0800	0900		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	15380me		
0800	0900		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
0800	0900	mtwhf	South Africa, Channel Africa	English	9625af			
0800	0900		South Africa, R Sonder Greense	Afrikaans	9650af			
0800	0900	Sun	South Africa, SA Radio League	English	7205af	17660af		
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	w	Taiwan, R Taiwan Intl	Amoy	15290as			
0800	0900		Taiwan, R Taiwan Intl	Japanese	11605as			

0800	0900		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do				
0800	0900		Tajikistan, VO Tajik	Russian	7245as				
0800	0900		Turkey, VO Turkey	Turkish	11750as	11955va	13635va		
0800	0900		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
0800	0900		USA, KNLS Anchor Point AK	Russian	9655eu				
0800	0900		USA, Overcomer Ministry	English	3185na	5890va			
0800	0900		USA, R Free Europe/R Liberty	Russian	15130eu	17770eu			
0800	0900	twhfas	USA, R Marti	Spanish	5980ca	6030ca			
0800	0900		USA, RFE/RL/R Farda	Farsi	13860as	15680as	15690as	17630as	
0800	0900		USA, VOA/R Mashaal	Pashto	12130as	15360as	15740as		
0800	0900		USA, WBCQ Monticello ME	English	9330na				
0800	0900		USA, WEWN/Irondale AL	English	11520af				
0800	0900		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa			
0800	0900	mtwhfs	USA, WHRI Cypress Crk SC	English	11565pa				
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	irreg	USA, WWRB Manchester TN	English	3185na				
0800	0900		Uzbekistan, CVC/The VO Asia	Hindi	13630as				
0800	0900		Vanuatu, R Vanuatu	English/Bislama/French		3945do			
0800	0900	w	Vatican City State, Vatican R	Papal Audience	5980eu				
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	irreg	Yemen, Rep of Yemen R	Arabic	6135me				
0800	0900		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
0810	0830		Clandestine, R Sedayee Kashmir	Dogri	6100as				
0810	0900		Russia, Tatarstan Wave	Tatar/Russian	15195eu				
0815	0830		Nepal, R Nepal	English	5005do				
0825	0900		Russia, R Rossii	Russian	13665as				
0827	0900		Germany, TWR Europe	Hungarian	7215eu				
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		Clandestine, R ERGO	Somali	13685af				
0830	0900		Ecuador, HCJB/LV de los Andes	Quechua	6050sa				
0830	0900		Germany, AWR Europe	Tachelhit	15225af				
0830	0900		Germany, Deutsche Welle	Dari	15640as	17860as			
0830	0900		Greece, ERA5/R Filia	Serbian	7475eu	11645al			
0830	0900		India, AIR/External Svc	English/Hindi/Urdu	7250as	7340as	9595as	11620as	
0830	0900		Iran, VOIRI	Arabic	15570as				
0830	0900		Iran, VOIRI	Dari	13880as	15500as			
0830	0900		Iran, VOIRI	Swahili	21525af	21790af			
0830	0900		Pakistan, R Pakistan	Urdu	15725eu	17720eu			
0830	0900	mwf	Philippines, FEBC Philippines	Banjar	11820as				
0830	0900	thas	Philippines, FEBC Philippines	Gorontalo	11820as				
0830	0900		Turkey, VO Turkey	Persian	11795as				
0830	0900		UK, BBC World Service	Pashto	15310as	17870as			
0830	0900		USA, RFE/RL/R Farda	Farsi	17880as				
0830	0900		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as			
0830	0900	1st Sun	Vatican City State, Vatican R	Amharic/Liturgy	15595af	17590af			
0830	0900	5th Sun	Vatican City State, Vatican R	Arabic/Liturgy	11740me	15595af	17590me		
0830	0900	3rd Sun	Vatican City State, Vatican R	Armenian/Liturgy	11740as	15595as	17590as		
0830	0900	2nd Sun	Vatican City State, Vatican R	Russian/Liturgy	11740eu	15595me	17590as		
0830	0900	4th Sun	Vatican City State, Vatican R	Ukranian/Liturgy	11740eu	15595me	17590as		
0845	0900		India, AIR/External Svc	Indonesian	15770as	17510as	17875as		
0845	0900		Indonesia, RRI Serui	Indonesian	4605do				
0850	0900	smtwhf	Singapore, TWR Asia	English	15200as				

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

0900	0915	w	Vatican City State, Vatican R	Papal Audience	5980eu				
0900	0920		India, AIR/Chennai	English/Hindi/Tamil	7380do				
0900	0927		Iran, VOIRI	Swahili	21525af	21790af			
0900	0930		China, China R International	Indonesian	15135as	17735as			
0900	0930		Clandestine, R ERGO	Somali	13685af				
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	English/Hindi/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	5920sa	6195sa			
0900	0930		Mongolia, VO Mongolia	English	12085as				
0900	0930	smtwhf	Singapore, TWR Asia	English	15200as				

0900	0930	UK, BBC World Service	Pashto	15310as	17870as		
0900	0930	USA, RFE/RL/R Farda	Farsi	15680as			
0900	0930	USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as		
0900	0931	India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do		
0900	0931	India, AIR/Jaipur	English/Hindi/vernaculars		7325do		
0900	0931	India, AIR/Port Blair	English/Hindi/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/Jeypore	English/Hindi/Odia/Sanskrit		6040do		
0900	0950	1st Sun Vatican City State, Vatican R	Amharic/Liturgy	15595af	17590af		
0900	0950	5th Sun Vatican City State, Vatican R	Arabic/Liturgy	11740me	15595af	17590me	
0900	0950	3rd Sun Vatican City State, Vatican R	Armenian/Liturgy	11740as	15595as	17590as	
0900	0950	2nd Sun Vatican City State, Vatican R	Russian/Liturgy	11740eu	15595me	17590as	
0900	0950	4th Sun Vatican City State, Vatican R	Ukrainian/Liturgy	11740eu	15595me	17590as	
0900	0955	Saudi Arabia, BSKSA/European Pgm	French	17785af			
0900	0956	Sun Romania, R Romania Intl	Romanian/Curierul Romanesc		15240af	15380as	17600as
				17860me			
0900	0957	North Korea, Korean Central BC Sta	Korean	7220as	9445as		
0900	0957	North Korea, VO Korea	Japanese	3250as	6070as	9650as	11865as
0900	1000	Angola, R Nac de Angola	Portuguese	4950do			
0900	1000	Anguilla, Caribbean Beacon/Univ Net	English	6090ca			
0900	1000	Australia, ABC/R Australia	English	9580pa	11945va		
0900	1000	Australia, ABC/R Australia	Tok Pisin	5995as	6080as	6150as	9475va
				9710va	12080pa		
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	Arabic	9745me			
0900	1000	Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as			
0900	1000	Bhutan, Bhutan BC Svc	Sharchop	6035do			
0900	1000	Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
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/Guarjara 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 Guaiaba	Portuguese	6000do	11785do		
0900	1000	Brazil, R Guarujá Paulista	Portuguese	5045do			
0900	1000	Brazil, R Guarujá/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	English/French/vernaculars		6005do		
0900	1000		Canada, Bible VO 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 Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do
					7350do	7360do	9480do	9530do
0900	1000		China, China Natl R/CNR13	Uyghur	9420do	13700do	15390do	
0900	1000		China, China R International	Chinese	7430as	9880as	11980as	13620as
					15250as	15525as	15560va	17500as
					17530as	17540as	17560va	17670na
					17850pa			
0900	1000		China, China R International	English	11620as	13790as	15270eu	15350as
					17490eu	17570eu	17650pa	17750as
0900	1000		China, China R International	Romanian	7285eu	9440eu		
0900	1000		China, China R International	Russian	15335va	15665va		
0900	1000		China, CNR/China Business R	Chinese	3985do	6040do	7220do	7245do
					7385do	9570do	9620do	9810do
0900	1000		China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do
					6030do	6125do	6145do	6175do
					7215do	7230do	7290do	7305do
					7345do	9500do	9630do	9645do
					9710do	9830do		
0900	1000		China, CNR/VO Minorities	Kazakh	6145do	11630do	11780do	12055do
					15415do			
0900	1000		China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
0900	1000		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	7385do	9410do	9665do
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
0900	1000		China, VO the Strait	Amoy/Hakka	6115do	7280do		
0900	1000		China, VO the Strait	Chinese	6115do			
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	6130do	7385do
0900	1000		Clandestine, Denge Kurdistan	Kurdish	11510as			
0900	1000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
0900	1000		Clandestine, R Free Kenyalang	Iban	15400as			
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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do		
0900	1000		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do		
0900	1000		Cuba, R Rebelde	Spanish	5025na			
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, HCJB/LV de los Andes	Quechua	6050sa			
0900	1000		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
0900	1000		Egypt, R Cairo/General Pgm	Arabic	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	5060al	7120al
					7175al	9715al		
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/vernaculars	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	6170eu			
0900	1000	Sun	France, AWR Europe	Italian	9790eu			
0900	1000	wa/irreg	Germany, Hamburger Lokalradio	German	6190eu			

0900	1000		Germany, HCJB Germany	German	3995eu	7365eu		
0900	1000	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
0900	1000		Germany, R 6150	English	6070eu			
0900	1000		Germany, R 700 Kurzwelldienst	German	3985eu	6005eu	7310eu	
0900	1000	Sun/irreg	Guinea, RTV Guinee	French/vernacular	7125do			
0900	1000		India, AIR/Aizawl	English/Hindi/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	English/Hindi/vernaculars		7335do		
0900	1000		India, AIR/Kolkata	Bengali/Hindi/Santhoni		7210do		
0900	1000		India, AIR/Kuresong	Bengali/Hindi/Tibetan	7230do			
0900	1000		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
0900	1000		India, AIR/Mumbai	English/Hindi/Marathi	7240do			
0900	1000		India, AIR/Port Blair	English/Hindi/Nicobarese		7390do		
0900	1000		India, AIR/Srinagar	English/Hindi/vernaculars		6110do		
0900	1000		India, AIR/Thiruvananthapuram	English/Hindi/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, VOIRI	Arabic	13785as	15150as	15570as	17550as
0900	1000		Iran, VOIRI	Dari	13880as	15500as		
0900	1000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
0900	1000		Japan, R Japan/NHK World	Japanese	9750as	11740as	11750as	11815as
0900	1000		Japan, R Nikkei/Pgm 1	Japanese	12015as	15290as	15325as	17895as
0900	1000		Kuwait, R Kuwait	Farsi	3925as	6055as	9595as	
0900	1000		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	7250me			
0900	1000		Laos, Lao Natl R/Vientane	Lao	4010do	4795do		
0900	1000		Madagascar, R Natl Malagasy	Lao	6130do			
0900	1000		Malaysia, RTM Sarawak	French/Malagasy	6135do	7245do		
0900	1000		Malaysia, RTM/Kajang	Malay	9835do	11665do		
0900	1000		Malaysia, RTM/Traxx FM	English/Malay/Chinese/Tamil		5965do	6050do	
0900	1000		Mali, ORTM/R Mali	English	7295do			
0900	1000		Mauritania, R Mauritanie	English/Arabic/Bambara/French		9635do		
0900	1000		Micronesia, V6MP/Cross R/Pohnpei	Arabic/French/vernaculars		4845do		
0900	1000		Mongolia, Mongolian R/Pgm 2	English	4755	as		
0900	1000		Morocco, R Mediterranee Intl/Medi 1	Mongolian	4830do	4895do	7260do	
0900	1000	mtwhf	Netherlands, Transport R	Arabic/French	9579va			
0900	1000	3rd Sun	Netherlands, XVRB/Music Museum	Dutch	6095eu			
0900	1000	DRM	New Zealand, R New Zealand Intl	English	6045eu			
0900	1000		New Zealand, R New Zealand Intl	English	9890pa			
0900	1000		Niger, ORTN /La Voix du Sahel	English	9700pa			
0900	1000		Nigeria, FRCN Abuja	French/Hausa/vernaculars		9705do		
0900	1000	irreg	Nigeria, VO Nigeria	English/Hausa/Igbo/Yoruba		7275do		
0900	1000		Pakistan, Azad Kashmir R	English	9690af			
0900	1000		Pakistan, R Pakistan	Urdu	7265do			
0900	1000		Pakistan, R Pakistan	Bengali	11700as			
0900	1000		Pakistan, R Pakistan	Urdu	15725eu	17720eu		
0900	1000		Palau, T8WH/World Harvest R	English	9930as			
0900	1000		Papua New Guinea, R Buka	Tok Pisin	3325do			
0900	1000		Papua New Guinea, R Central	English/Tok Pisin	3290do			
0900	1000		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
0900	1000		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
0900	1000		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
0900	1000		Papua New Guinea, R Western	English/Tok Pisin	3305do			
0900	1000		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	Buginese/Makassarese		15580as		
0900	1000		Philippines, FEBC Philippines	Chinese	9400as	9430as		
0900	1000		Philippines, FEBC Philippines	Minangkabau	15450as			
0900	1000		Russia, R Rossii	Russian	13665as			

0900	1000		Russia, VO Russia	English	21800va	21820va		
0900	1000	DRM	Russia, VO Russia	English	9850eu	11830eu		
0900	1000	DRM	Russia, VO Russia	German	9850eu			
0900	1000		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
0900	1000		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as			
0900	1000		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17840af		
0900	1000		Saudi Arabia, BSKSA/Quran Pgm	Arabic	9715me	11935me	17570as	17615as
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	9650af			
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	w	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, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
0900	1000		Tajikistan, VO Tajik	Russian	7245as			
0900	1000		Turkey, VO Turkey	Arabic	11750va			
0900	1000		Turkey, VO Turkey	Persian	11795as			
0900	1000		Turkey, VO Turkey	Turkish	11955va	13635va		
0900	1000		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
0900	1000		USA, KNLS Anchor Point AK	Chinese	9655as			
0900	1000		USA, Overcomer Ministry	English	3185na	5890va		
0900	1000		USA, R Free Europe/R Liberty	Russian	15130eu	17770eu		
0900	1000		USA, R Marti	Spanish	5980ca	6030ca		
0900	1000		USA, RFE/RL/R Farda	Farsi	13860as	15690as	17630as	17880as
0900	1000		USA, VO America	Chinese	11825as	11965as	13740as	17485as
					21695as			
0900	1000		USA, VOA/R Mashaal	Pashto	12130as	15360as	15740as	
0900	1000		USA, WBCQ Monticello ME	English	9330na			
0900	1000		USA, WEWN/Irondale AL	English	11520af			
0900	1000		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa		
0900	1000	Sun	USA, WHRI Cypress Crk SC	English	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	irreg	USA, WWRB Manchester TN	English	3185na			
0900	1000		Uzbekistan, CVC/The VO Asia	Hindi	13630as			
0900	1000		Vanuatu, R Vanuatu	English/Bislama/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	English/Bemba/vernaculars		5915do	6165do	
0915	0930		Nepal, R Nepal	Nepali	5005do			
0915	0945		Japan, R Japan/NHK World	Korean	5950as	9700as		
0930	0957		Iran, VOIRI	Armenian	11945eu	15225eu		
0930	1000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
0930	1000		Bolivia, R Panamericana	Spanish	5765do	6105do		
0930	1000		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
0930	1000		Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
0930	1000		Brazil, R Difusora do Amazonas	Portuguese	4805do			
0930	1000		Brazil, R Verdes Florestas	Portuguese	4865do			
0930	1000		China, China Huayi BC	Amoy/Chinese	6185do			
0930	1000		China, China R International	Malay	15135as			
0930	1000		China, China R International	Malaysian	17680as			
0930	1000	fs	China, VO the Strait	English	6115do			
0930	1000		France, R France International	Chinese	7325as	11875as		
0930	1000	Sun	Italy, IRRS Shortwave	English	9510va			
0930	1000		Japan, R Japan/NHK World	Russian	6195eu			
0930	1000		Japan, R Japan/NHK World	Spanish	5920am			
0930	1000		Kuwait, R Kuwait	Arabic	11630af			
0930	1000		Mongolia, VO Mongolia	Mongolian	12085as			
0930	1000		Myanmar, Myanma R	minority languages	5915do			
0930	1000		Myanmar, Thazin R	Kachin	7345do			
0930	1000		Peru, R Cusco	Spanish	4780do	4800al		
0930	1000		Saudi Arabia, BSKSA/External Svc	English	15250af			
0930	1000		Singapore, TWR Asia	Madurese	15200as			
0930	1000		UK, BBC World Service	Dari	15310as	17870as		
0930	1000		USA, RFE/RL/R Farda	Farsi	15680as			
0930	1000		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as		
0945	1000		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
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		



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1000	1000		Germany, R 700 Kurzwelldienst	German	3985eu	7310eu			
1000	1000		USA, KNLS Anchor Point AK	English	9655as				
1000	1015		Singapore, TWR Asia	Chinese	15235as				
1000	1015		Switzerland, R Freundes-Dienst	German	6055eu				
1000	1020	mtwhf	Singapore, TWR Asia	English	11840pa				
1000	1027		Iran, VOIRI	Arabic	15570as				
1000	1030	mtwhf	Australia, HCJB Global Australia	Fujian	15490as				
1000	1030	Sat/Sun	Australia, HCJB Global Australia	Mandarin	15490as				
1000	1030		China, China Natl R/CNR 11	Tibetan	6010do	9530do	11685do	15570do	
1000	1030		China, China R International	Malay	15135as				
1000	1030		China, China R International	Malaysian	17680as				
1000	1030		China, Xinjiang PBS	Mongolian	4500do	7230do	9510do		
1000	1030		France, R France International	Chinese	7325as	11875as			
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	English/Hindi/Sanskrit/Tamil		7290do			
1000	1030		Japan, R Japan/NHK World	English	9625as	9695as			
1000	1030		Mongolia, VO Mongolia	Chinese	12085as				
1000	1030		Myanmar, Thazin R	Kachin	7345do				
1000	1030		Pakistan, R Pakistan	Nepali	11700as				
1000	1030		Philippines, FEBC Philippines	Southern Bai	15640as				
1000	1030		Philippines, R Veritas Asia	Khmer	11850as				
1000	1030	Sat	Singapore, TWR Asia	English	11840pa				
1000	1030		Singapore, TWR Asia	Indonesian	15200as				
1000	1030		Taiwan, R Taiwan Intl	Cantonese	9735as	15270as			
1000	1030		Turkey, VO Turkey	Tatar	9855as				
1000	1030		UK, BBC World Service	Dari	15310as	17870as			
1000	1030		USA, RFE/RL/R Farda	Farsi	17880as				
1000	1030		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as			
1000	1030	Sun	Vatican City State, Vatican R	Angelus	5980eu	7250eu	9645eu	11740eu	
					15595me	17590af	21560af		
1000	1030		Vietnam, VO Vietnam/Overseas Svc	English	9840as				
1000	1031	Sun	India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		7430do			
1000	1035		India, AIR/Mumbai	English/Hindi/Marathi	7240do				
1000	1050		Clandestine, MND Radio	Korean	4925as	6550as			
1000	1056		Romania, R Romania Intl	French	15380eu	15420eu	17785af	17795af	
1000	1057		North Korea, VO Korea	English	11710ca	11735as	13650as	15180sa	
1000	1057		North Korea, VO Korea	Japanese	3250as	6070as	9650as	11865as	
1000	1058		New Zealand, R New Zealand Intl	English	9700pa				
1000	1058	DRM	New Zealand, R New Zealand Intl	English	9890pa				
1000	1100		Angola, R Nac de Angola	Portuguese	4950do				
1000	1100		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
1000	1100	mtwhf	Argentina, RAE	Chinese	15345as				
1000	1100	mtwhf	Argentina, RAE	Chinese	6060sa				
1000	1100		Australia, ABC/R Australia	English	9580pa	12065pa			
1000	1100	Sat/Sun	Australia, ABC/R Australia	English	5995as	6080as	6150as	9475va	
					9710va	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		Bahrain, R Bahrain	Arabic	9745me				
1000	1100		Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as				
1000	1100		Bhutan, Bhutan BC Svc	Lhotsam	6035do				
1000	1100		Bolivia, R Camargo	Spanish/Aymara	3390do				
1000	1100		Bolivia, R Eco	Spanish	4410do				
1000	1100		Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
1000	1100		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1000	1100		Bolivia, R Lipetz	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/Macapá	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	English/French/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, China Huayi BC	Amoy/Chinese	6185do			
1000	1100	China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do
				7350do	7360do	9480do	
1000	1100	China, China Natl R/CNR 13	Uyghur	9420do	13700do	15390do	
1000	1100	China, China R International	Cantonese	15440pa	17670pa		
1000	1100	China, China R International	Chinese	7430as	9880as	9890as	11980as
				13620as	13850as	15250as	15525as
				17500as	17530as	17540as	17650eu
1000	1100	China, China R International	English	11610as	11620as	11635as	13590as
				13620as	13720as	13790pa	15190as
				15210pa	15350as	17490eu	
1000	1100	China, China R International	Hungarian	13685eu	15220eu		
1000	1100	China, China R International	Japanese	7325as	11620as		
1000	1100	China, China R International	Russian	7390as	9725as	11935as	
1000	1100	China, CNR/China Business R	Chinese	3985do	6040do	6090do	6155do
				7245do	7315do	7335do	7385do
				9410do			
1000	1100	China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do
				6125do	6145do	6175do	7215do
				7230do	7290do	7345do	9500do
				9630do	9710do	9830do	11630do
				11710do	11720do		
1000	1100	China, CNR/VO Minorities	Korean	5955do	7410do	9785do	
1000	1100	China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
1000	1100	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do	
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1000	1100		China, VO Guangxi/Beibu Bay R	Cantonese	5050as	9820as			
1000	1100		China, VO the Strait	Amoy/Hakka	6115do	7280do			
1000	1100		China, VO the Strait	Chinese	6115do				
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		
1000	1100		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1000	1100		China, Yunnan PBS/VO Shangri-La	Vietnamese	6035as				
1000	1100		Clandestine, Denge Kurdistane	Kurdish	11510as				
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		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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
1000	1100		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
1000	1100		Cuba, R Rebelde	Spanish	5025na				
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, HCJB/LV de los Andes	Quechua	6050sa				
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/General Pgm	Arabic	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/vernaculars	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	6170eu				
1000	1100		Germany, Deutsche Welle	Swahili	9800af	12070af	15275af	15700af	
1000	1100	wa/irreg	Germany, Hamburger Lokalradio	German	6190eu				
1000	1100		Germany, HCJB Germany	German	3995eu	7365eu			
1000	1100	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu				
1000	1100		Germany, R 6150	English	6070eu				
1000	1100	Sun/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	English/Hindi/vernaculars	4850do				
1000	1100		India, AIR/Srinagar	English/Hindi/vernaculars	6110do				
1000	1100		India, AIR/Vivdh Bharati	Hindi	9870do				
1000	1100	DRM	India, AIR/Vivdh Bharati	Hindi	6100do				
1000	1100	Sat/Sun	Indonesia, AWR Asia/Pacific	Cantonese	12010as	17520as			
1000	1100	mtwhf	Indonesia, AWR Asia/Pacific	Chinese	12010as	17520as			
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	irreg	Indonesia, VO Indonesia	English	9526pa				
1000	1100		Iran, VOIRI	Arabic	13785as	15150as	17550as		
1000	1100		Iran, VOIRI	Dari	13880as	15500as			
1000	1100		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1000	1100	Sun	Italy, IRRS Shortwave	English	9510va				
1000	1100		Japan, R Japan/NHK World	Japanese	9750as	11815as	15590as	17895as	

1000	1100		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as
1000	1100		Kuwait, R Kuwait	Arabic	11630va	21540af	
1000	1100		Kuwait, R Kuwait	Filipino	21580as		
1000	1100		Kuwait, R Kuwait	Tagalog	21580as		
1000	1100		Laos, Lao Natl R/Vientane	Lao	6130do		
1000	1100		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do	
1000	1100		Malaysia, RTM Sarawak	Malay	9835do	11665do	
1000	1100		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do	
1000	1100		Malaysia, RTM/Traxx FM	English	7295do		
1000	1100		Mali, ORTM/R Mali	English/Arabic/Bambara/French	9635do		
1000	1100		Mauritania, R Mauritanie	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	9579va		
1000	1100		Myanmar, Myanma R	minority languages	5915do		
1000	1100		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do	
1000	1100		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do	
1000	1100	irreg	Nigeria, VO Nigeria	English	9690af		
1000	1100		Pakistan, Azad Kashmir R	Urdu	7265do		
1000	1100		Pakistan, R Pakistan	Urdu	15725eu	17720eu	
1000	1100		Papua New Guinea, R Buka	Tok Pisin	3325do		
1000	1100		Papua New Guinea, R Central	English/Tok Pisin	3290do		
1000	1100		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do		
1000	1100		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do		
1000	1100		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do		
1000	1100		Papua New Guinea, R Western	English/Tok Pisin	3305do		
1000	1100		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do		
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, FEBC Philippines	Suda/Sasak	15580as		
1000	1100		Philippines, R Veritas Asia	Chinese	11945as		
1000	1100		Russia, R Rossii	Russian	13665as		
1000	1100		Russia, VO Russia	Chinese	6075as	13805as	15300as
1000	1100		Russia, VO Russia	English	11530as	12030as	
1000	1100	DRM	Russia, VO Russia	English	9850eu		
1000	1100	DRM	Russia, VO Russia	German	9850eu		
1000	1100		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do	
1000	1100		Saudi Arabia, BSKSA/External Svc	English	15250af		
1000	1100		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as		
1000	1100		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17840af	
1000	1100		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11935me	17570as	17615as
1000	1100		Solomon Islands, SIBC	English/Pidgin	5020do	9545do	
1000	1100	mtwhf	South Africa, Channel Africa	English	9625af		
1000	1100		South Africa, R Sonder Grense	Afrikaans	9650af		
1000	1100		South Korea, KBS World R	Korean	7275as	9570as	15160va
1000	1100	DRM	Spain, R Exterior de Espana	Spanish	15585eu		
1000	1100		Taiwan, R Taiwan Intl	Amoy	15465as		
1000	1100		Taiwan, R Taiwan Intl	Chinese	6105as	6180as	7385as
					11640as		9660as

1000	1100		Taiwan, R Taiwan Intl	Indonesian	11520as	11915as		
1000	1100		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
1000	1100		Tajikistan, VO Tajik	Uzbek	7245as			
1000	1100		Thailand, R Thailand World Svc	Thai	17770me			
1000	1100		Turkey, VO Turkey	Georgian	9655as			
1000	1100		Turkey, VO Turkey	Turkish	11955va	13635va		
1000	1100		UK, BBC World Service	English	6195as	9740as	15285as	17760as
					21660as			
1000	1100		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1000	1100		USA, Overcomer Ministry	English	3185na	5890va		
1000	1100	Sat	USA, Overcomer Ministry	English	15420am			
1000	1100		USA, R Free Asia	Tibetan	13680as	15435as	17495as	
1000	1100		USA, R Marti	Spanish	6030ca	9805ca		
1000	1100		USA, RFE/RL/R Farda	Farsi	13860as	15680as	15690as	17630as
1000	1100		USA, VO America	Chinese	11825as	11965as	13740as	17485as
					21695as			
1000	1100		USA, VOA/R Mashaal	Pashto	15360as	15740as		
1000	1100		USA, WBCQ Monticello ME	English	9330na			
1000	1100		USA, WEWN/Irondale AL	English	11520af			
1000	1100		USA, WEWN/Irondale AL	Spanish	7555ca	12050sa		
1000	1100	Sun	USA, WHRI Cypress Crk SC	English	11565pa			
1000	1100	Sun	USA, WINB Red Lion PA	English	9265am			
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	irreg	USA, WWRB Manchester TN	English	3185na			
1000	1100		Uzbekistan, CVC/The VO Asia	Hindi	13630as			
1000	1100		Vanuatu, R Vanuatu	English/Bislama/French		3945do		
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	Arabic	6135me			
1000	1100		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1005	1006		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	7440do			
1010	1100		Myanmar, Myanma R	minority languages	7200do			
1015	1100		Egypt, R Cairo	Arabic	17830va			
1015	1100		Germany, R 700 Kurzwelldienst	German	6005eu	7310eu		
1015	1100	mtwhfa	Singapore, TWR Asia	Chinese	15235as			
1030	1100	mtwhf	Australia, HCJB Global Australia	Mandarin	15490as			
1030	1100		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1030	1100		Bolivia, R San Miguel	Spanish	4699do			
1030	1100		China, China R International	Indonesian	15135as	17605as		
1030	1100		China, China R International	Khmer	15160as	17680as		
1030	1100		China, CNR/VO China	Chinese	4750do	4800do	9845do	11710do
1030	1100	Sat/Sun	Germany, Evangelische Missions-Gemeiden	German	6055eu			
1030	1100		India, AIR/Gangkok	English/Hindi/vernaculars		4835do		
1030	1100		India, AIR/Imphal	English/Hindi/vernaculars		4775do		
1030	1100		India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
1030	1100	sf	Indonesia, AWR Asia/Pacific	Ilocano	17550as			
1030	1100	mtwha	Indonesia, AWR Asia/Pacific	Tagalog	17550as			
1030	1100		Iran, VOIRI	Arabic	11925as	13720as		
1030	1100		Iran, VOIRI	English	21505va	21640va		
1030	1100		Japan, R Japan/NHK World	Burmese	11740as			
1030	1100		Mongolia, VO Mongolia	Japanese	12085as			
1030	1100		Myanmar, Thazin R	Kayin	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	Tai-Lu	12095as			
1030	1100		Singapore, TWR Asia	Sudanese	15200as			
1030	1100		South Korea, KBS World R	Vietnamese	9770as			
1030	1100		Taiwan, R Taiwan Intl	Hakka	9735as	15270as		
1030	1100		Turkey, VO Turkey	Uzbek	13650as			
1030	1100		UK, BBC World Service	Pashto	15310as	17870as		
1030	1100		USA, RFE/RL/R Farda	Farsi	17880as			
1030	1100		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as		
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as		
1030	1100		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as			
1045	1100		Pakistan, R Pakistan	Hindi	11860as			
1045	1100		Peru, La Voz de las Huarinjas	Spanish	5059do			
1045	1100		Peru, R Bethel	Spanish	5921do			
1056	1100		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
1059	1100		New Zealand, R New Zealand Intl	English	9700pa			
1059	1100	DRM	New Zealand, R New Zealand Intl	English	9890pa			

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

1100	1103	mtwhf	Monaco, R Monaco	French	4363usb	8728usb	13146usb	17260usb
1100	1105		Pakistan, R Pakistan	Urdu	15725eu	17720eu		
1100	1115	mwh	Australia, HCJB Global Australia	English	15490as			
1100	1115	ff	Australia, HCJB Global Australia	Vietnamese	15490as			
1100	1115	twh	Canada, Bible VO Broadcasting	Cantonese	21480as			
1100	1115		Ecuador, La Voz del Napo	Spanish/Quechua	3280do			
1100	1115	Sun	Germany, Missionswerk Arche	German	5945eu			
1100	1115	Sun	Switzerland, Stimme Des Trostes	German	5945eu			
1100	1115		Thailand, R Thailand World Svc	Vietnamese	5875as			
1100	1127		Iran, VOIRI	Arabic	11925as	13720as		
1100	1127		Iran, VOIRI	English	21505va	21640va		
1100	1130	Sat/Sun	Australia, HCJB Global Australia	Japanese	15490as			
1100	1130	Sun	Canada, Bible VO Broadcasting	English	21480as			
1100	1130		China, China R International	Indonesian	15135as	17605as		
1100	1130		China, China R International	Khmer	15160as	17680as		
1100	1130	mtwhf	China, VO Guangxi/Beibu Bay R	Thai	5050as	9820as		
1100	1130	Sat/Sun	China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as		
1100	1130	Sat/Sun	Ecuador, HCJB/LV de los Andes	Quechua	6050sa			
1100	1130		France, R France International	French	15680as			
1100	1130	Sat	Germany, Evangelische Missions-Gemeiden	Russian	13730eu			
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	15620as			
1100	1130	f/DRM	Japan, R Japan/NHK World	English	9760eu			
1100	1130		Japan, R Japan/NHK World	Russian	6090as			
1100	1130		Japan, R Japan/NHK World	Vietnamese	9695as	11740as		
1100	1130		Myanmar, Thazin R	Kayin	7345do			
1100	1130	Sat/DRM	South Korea, KBS World R	English	9760eu			
1100	1130		South Korea, KBS World R	Vietnamese	9770as			
1100	1130		Turkey, VO Turkey	Bulgarian	7210eu			
1100	1130		UK, BBC World Service	Pashto	15310as	17870as		
1100	1130		UK, BBC World Service	Somali	15530af	17780af		
1100	1130		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as		
1100	1130	Sat	USA, VO America	French	12030af	13735af	15715af	17850af
1100	1130		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
1100	1130		Vietnam, VO Vietnam/Overseas Svc	English	7285as			
1100	1130		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1100	1145		Singapore, TWR Asia	Chinese	12120as			
1100	1150		Clandestine, MND Radio	Korean	6270as	6480as		
1100	1155		Saudi Arabia, BSKSA/External Svc	Indonesian	21670as			
1100	1155		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15490eu	17840af		
1100	1155		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11935me	17570as	17615as	
1100	1155		Turkey, VO Turkey	Turkish	11955va	13635va		
1100	1156		Romania, R Romania Intl	English	15210eu	15430eu	17510eu	17670af
1100	1157		Iran, VOIRI	Dari	15500as			
1100	1157		North Korea, VO Korea	Chinese	7220as	9445as		
1100	1157		North Korea, VO Korea	French	11710as	11735as	13650as	15180as
1100	1157		North Korea, VO Korea	Japanese	3250as	6070as	9650as	11865as
1100	1200		Angola, R Nac de Angola	Portuguese	4950do			
1100	1200		Anguilla, Caribbean Beacon/Univ Net	English	11775ca			
1100	1200	mtwhf	Argentina, RAE	Japanese	6060sa	15345as		
1100	1200		Australia, ABC/R Australia	English	5995as	6080as	6140as	6150va
					9475as	9580pa	11945va	12065pa
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	Arabic	9745me			
1100	1200		Bangladesh, Bangla Betar/Home Svc	English/Bengali	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	4410do			
1100	1200		Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
1100	1200		Bolivia, R Illimani/R Patria Nueva	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/Macapa	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	English/French/vernaculars	6005do		
1100	1200	Sat	Canada, Bible VO Broadcasting	English	21480as		
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 Huayi BC	Amoy/Chinese	6185do		
1100	1200		China, China Natl R/CNR 11	Tibetan	4905do	5240do	6010do
					7350do	9480do	
1100	1200		China, China Natl R/CNR 13	Uyghur	9420do	9890do	13700do
1100	1200		China, China R International	Bulgarian	7220eu		
1100	1200		China, China R International	Burmese	9880as		
1100	1200		China, China R International	Cantonese	9540as	9590as	9645as
1100	1200		China, China R International	Chaozhou	9440as	11875as	13580pa
1100	1200		China, China R International	Chinese	7435as	11750pa	13610as
					15440pa	17650eu	
1100	1200		China, China R International	Czech	15225eu	17540eu	
1100	1200		China, China R International	English	5955as	11660as	11795as
					17490eu		13650as
1100	1200		China, China R International	Esperanto	11635as	15110as	
1100	1200		China, China R International	Japanese	7325as	11620as	
1100	1200		China, China R International	Korean	13620as		

1100	1200	China, China R International	Mongolian	7390as	11610as		
1100	1200	China, China R International	Russian	9725as	9890as	11935as	
1100	1200	China, China R International	Vietnamese	9550as	11600as	11780as	17530as
1100	1200	China, CNR/China Business R	Chinese	3985do	6040do	6090do	6155do
				7220do	7245do	7315do	7335do
				7370do			
1100	1200	China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do
				6125do	6145do	6175do	7215do
				7230do	7275do	7290do	7345do
				9500do	9710do	9830do	9845do
				9860do	9900do	11710do	
1100	1200	China, CNR/VO Minorities	Korean	5955do	5975do	6020do	
1100	1200	China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
1100	1200	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do	
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
1100	1200	China, VO the Strait	Amoy/Hakka	6115do	7280do		
1100	1200	China, VO the Strait	Chinese	6115do			
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, Xizang PBS	Chinese	4820do	5935do	6050do	6145do
				7240do	9780do	11860do	
1100	1200	China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
1100	1200	China, Yunnan PBS/VO Shangri-La	Chinese	6035as			
1100	1200	Clandestine, Denge Kurdistane	Kurdish	11510as			
1100	1200	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1100	1200	Clandestine, Sound of Hope R Intl	Chinese	7280as			
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	irreg Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do		
1100	1200	Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do		
1100	1200	Cuba, R Havana Cuba	Spanish	6150am	9540ca	9550na	9850na
				11690am	11760am	11860na	15230sa
				17580sa	17730sa		
1100	1200	Cuba, R Rebelde	Spanish	5025na			
1100	1200	Djibouti, RDTV de Djibouti	Afar/Arabic/Somali	4780do			
1100	1200	Ecuador, Centro R de Imbabura	Spanish	3380do			
1100	1200	mtwhf Ecuador, HCJB/LV de los Andes	Spanish	6050sa			
1100	1200	Ecuador, R El Buen Pastor	Spanish/Quechua	4815do			
1100	1200	Egypt, R Cairo	Arabic	17830va			
1100	1200	irreg Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1100	1200	Eqt 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/vernaculars	9705do			
1100	1200	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1100	1200	1st Sat Finland, Scandinavian Weekend R	English/Finnish	6170eu			
1100	1200	wa/irreg Germany, Hamburger Lokalradio	German	7265eu			
1100	1200	Germany, HCJB Germany	German	3995eu	7365eu		
1100	1200	Sat/Sun Germany, Mighty KBC Radio	English	6095eu			
1100	1200	Germany, R 6150	English	6070eu			
1100	1200	Germany, R 700 Kurzwelldienst	German	3985eu	6005eu	7310eu	
1100	1200	Sun/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	English/Hindi/vernaculars		4835do		
1100	1200	India, AIR/Imphal	English/Hindi/vernaculars		4775do		
1100	1200	India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
1100	1200	India, AIR/Jeyypore	English/Hindi/Odia/Sanskrit		5040do		
1100	1200	India, AIR/Kohima	English/Hindi/vernaculars		4850do		
1100	1200	India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
1100	1200	India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
1100	1200	India, AIR/Srinagar	English/Hindi/vernaculars		6110do		
1100	1200	India, AIR/Thiruvananthapuram	English/Hindi/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	Chinese	11775as	12105as	15515as	
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	irreg	Indonesia, VO Indonesia	Chinese	9526as				
1100	1200		Iran, VOIRI	Dari	13880as				
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	15590as	17895as	
1100	1200		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as		
1100	1200		Kuwait, R Kuwait	Arabic	9750af	11630af	21540va		
1100	1200		Kuwait, R Kuwait	Filipino	21580as				
1100	1200		Kuwait, R Kuwait	Tagalog	21580as				
1100	1200		Kyrgyzstan, KGRI/Birinchi R	Kyrgyz/Russian	4010do	4795do			
1100	1200		Laos, Lao Natl R/Vientane	Lao	6130do				
1100	1200		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do			
1100	1200		Malaysia, RTM Sarawak	Malay	9835do	11665do			
1100	1200		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do			
1100	1200		Malaysia, RTM/Traxx FM	English	7295do				
1100	1200		Mali, ORTM/R Mali	English/Arabic/Bambara/French	9635do				
1100	1200		Mauritania, R Mauritania	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 Mediterranean Intl/Medi 1	Arabic/French	9579va				
1100	1200		Myanmar, Myanma R	minority languages	5915do	7200do			
1100	1200		New Zealand, R New Zealand Intl	English	9700pa				
1100	1200	DRM	New Zealand, R New Zealand Intl	English	9890pa				
1100	1200		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do			
1100	1200		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
1100	1200	irreg	Nigeria, VO Nigeria	English	9690af				
1100	1200		Pakistan, Azad Kashmir R	Urdu	7265do				
1100	1200		Papua New Guinea, R Buka	Tok Pisin	3325do				
1100	1200		Papua New Guinea, R Central	English/Tok Pisin	3290do				
1100	1200		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do				
1100	1200		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
1100	1200		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do				
1100	1200		Papua New Guinea, R Western	English/Tok Pisin	3305do				
1100	1200		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do				
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	Hmong/Lao/Njua/Mien		12095as			

1100	1200		Philippines, FEBC Philippines	Lahu	9795as				
1100	1200		Philippines, FEBC Philippines	Vietnamese	9855as				
1100	1200		Philippines, R Veritas Asia	Chinese	11945as				
1100	1200		Russia, R Rossii	Russian	13665as				
1100	1200		Russia, VO Russia	Chinese	6075as	13805as	13860as	15300as	
1100	1200		Russia, VO Russia	English	11530as	12030as	15670as		
1100	1200	DRM	Russia, VO Russia	English	9850eu				
1100	1200	DRM	Russia, VO Russia	German	9850eu				
1100	1200		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1100	1200		Saudi Arabia, BSKSA/External Svc	English	15250af				
1100	1200		Singapore, TWR Asia	Chinese	9910as				
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	9650af				
1100	1200		South Korea, KBS World R	Spanish	11795sa				
1100	1200	DRM	Spain, R Exterior de Espana	Spanish	13720eu				
1100	1200		Spain, R Exterior de Espana	Spanish	21540af	21610me			
1100	1200		Taiwan, R Taiwan Intl	Chinese	6180as	7385as	9660as	11640as	
					11720as	11915as			
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, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do				
1100	1200		Tajikistan, VO Tajik	Hindi	7245as				
1100	1200		Turkey, VO Turkey	Chinese	15240as				
1100	1200		UK, BBC World Service	English	6195as	9740as	15285as	17760as	
1100	1200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1100	1200		USA, KNLS Anchor Point AK	Chinese	9610as				
1100	1200		USA, Overcomer Ministry	English	3185na	5890va			
1100	1200	Sat	USA, Overcomer Ministry	English	15420am				
1100	1200		USA, R Free Asia	Lao	9325as	15120as			
1100	1200		USA, R Free Asia	Tibetan	7470as	13830as	15195as	17495as	
1100	1200		USA, R Marti	Spanish	7405ca	9805ca			
1100	1200		USA, RFE/RL/R Farda	Farsi	7435as	12005as	15680as	15690as	
					17880as				
1100	1200		USA, VO America	Chinese	6110as	9845as	11785as	11825as	
1100	1200		USA, VOA/R Mashaal	Pashto	15320as	15360as			
1100	1200		USA, WBCQ Monticello ME	English	9330na				
1100	1200		USA, WEWN/Irondale AL	English	11520af				
1100	1200		USA, WEWN/Irondale AL	Spanish	7555ca	11870sa			
1100	1200	Sun	USA, WHRI Cypress Crk SC	English	7315ca				
1100	1200	Sun	USA, WINB Red Lion PA	English	9265am				
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	irreg	USA, WWRB Manchester TN	English	3185na				
1100	1200		Uzbekistan, CVC/The VO Asia	Hindi	9660as				
1100	1200		Vanuatu, R Vanuatu	English/Bislama/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	Arabic	6135me				
1100	1200		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
1115	1130	m	Canada, Bible VO Broadcasting	Chinese	21480as				
1115	1130		Thailand, R Thailand World Svc	Khmer	5875as				
1115	1145	f	Canada, Bible VO Broadcasting	English	21480as				
1115	1145		Sri Lanka, SLBC	Malayalam	9720as				
1115	1200		India, AIR/External Svc	Tamil	7270as	9810as	13695va	15050as	
					15770va	17510as			
1115	1200		Japan, R Japan/NHK World	Indonesian	9625as				
1115	1200		Philippines, FEBC Philippines	Karen/Mon/Jingpho	15330as				
1120	1200		India, AIR/Srinagar	English/Hindi/vernaculars		4950do			
1130	1145	smtha	Australia, HCJB Global Australia	English	15490as				
1130	1145	wf	Australia, HCJB Global Australia	Mandarin	15490as				
1130	1145		Thailand, R Thailand World Svc	Lao	5875as				
1130	1145	f	USA, Eternal Good News	English	15525as				
1130	1157		Iran, VOIRI	Hausa	21505af	21750af			
1130	1200	Sun	Canada, Bible VO Broadcasting	Japanese	21480as				
1130	1200		China, China R International	Filipino	5910as	7390as	11955as	12070as	
					12110as				
1130	1200		China, China R International	Thai	7360as	9785as			
1130	1200		China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as			
1130	1200	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
1130	1200		Guatemala, R Verdad	English/Spanish	4055do				
1130	1200		India, AIR/Aizawl	English/Hindi/vernaculars		5050do			
1130	1200		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do			
1130	1200		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			

1130	1200		India, AIR/Jaipur	English/Hindi/vernaculars	4910do		
1130	1200		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do		
1130	1200		India, AIR/Leh	English/Hindi/vernaculars	4660do		
1130	1200		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do		
1130	1200	mwf	Indonesia, AWR Asia/Pacific	Javanese	15620as		
1130	1200	stha	Indonesia, AWR Asia/Pacific	Sudanese	15620as		
1130	1200		Japan, R Japan/NHK World	Korean	6090as		
1130	1200	f/DRM	Japan, R Japan/NHK World	Russian	9760eu		
1130	1200		Japan, R Japan/NHK World	Thai	11740as		
1130	1200		Myanmar, Thazin R	Palang	7345do		
1130	1200		Philippines, R Veritas Asia	Myanmar	15450as		
1130	1200	mtwhf	Singapore, TWR Asia	Chinese	11580as		
1130	1200		South Korea, KBS World R	Chinese/Mandarin	6095as	9770as	
1130	1200		Sri Lanka, AWR Asia	Shan	15620as		
1130	1200		Turkey, VO Turkey	German	13760eu		
1130	1200		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as	
1130	1200		USA, Suab Xaa Moo Zoo/VO Hope	Hmong	11570as		
1130	1200		USA, VO America	Burmese	11965as	15555as	17680as
1130	1200	f	Vatican City State, Vatican R	English	17590me	21560me	
1130	1200		Vatican City State, Vatican R	Spanish	7305ca		
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		
1130	1300		Philippines, R Veritas Asia	Burmese	15450as		
1135	1200		China, Xinjiang PBS	Uyghur	3990do	6120do	7205do
1135	1200		India, AIR/Guwahati	Assamese/Hindi/vernaculars	4940do		
1145	1200		Armenia, Public R of Armenia	Azeri	4810me		
1145	1200		Australia, HCJB Global Australia	Indonesian	15490as		
1145	1200		India, AIR/External Svc	Chinese	11840as	13605as	15795as
1145	1200		Pakistan, R Pakistan	Gujarati	11860eu		
1145	1200	mtwhfa	Singapore, TWR Asia	Chinese	12120as		
1145	1200		Sri Lanka, SLBC	Tamil	9720as		
1145	1200		Thailand, R Thailand World Svc	Burmese	5875as		
1157	1200		Colombia, Salem Stereo	Spanish	14950do		

## 1 200 UTC - 8AM EDT / 7AM CDT / 5AM PDT

1200	1210		Pakistan, Azad Kashmir R	Urdu	7265do		
1200	1215	mtwhf	Armenia, Public R of Armenia	Azeri	4810me		
1200	1215	Sat/Sun	Armenia, Public R of Armenia	Turkish	4810me		
1200	1215		Egypt, R Cairo	Arabic	17830va		
1200	1215		India, AIR/External Svc	Tamil	7270as	9810va	13695va
					15770as	17510as	15050as
						6110do	
1200	1215		India, AIR/Srinagar	English/Hindi/vernaculars			
1200	1215		Pakistan, R Pakistan	Gujarati	11860eu	15265eu	
1200	1215		Singapore, TWR Asia	Chinese	11580as		
1200	1215		Sri Lanka, SLBC	Tamil	9720as		
1200	1215		Thailand, R Thailand World Svc	Malay	9390as		
1200	1220		Vatican City State, Vatican R	Italian	17590me	21560af	
1200	1225		Saudi Arabia, BSKSA/External Svc	English	15250af		
1200	1227		Iran, VOIRI	Hebrew	13685me	15240me	
1200	1230	mtwhfa	Australia, HCJB Global Australia	Indonesian	15490as		
1200	1230	Sun	Australia, HCJB Global Australia	Malayalam	15490as		
1200	1230		China, China R International	Filipino	5910as	7390as	11955as
					12110as	17505as	12070as
						9785as	
1200	1230		China, China R International	Thai	7360as	9785as	
1200	1230		China, Xinjiang PBS	Kyrgyz	7295do	9705do	11975do
1200	1230	f	Clandestine, Que Me R	Vietnamese	9930as		
1200	1230		Clandestine, VO Tibet	Chinese	15608as		
1200	1230		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do		
1200	1230	fa	Indonesia, AWR Asia/Pacific	Chinese	9800as	12105as	15515as
1200	1230	mtwhf	Indonesia, AWR Asia/Pacific	Min Nan Chinese	9800as	12105as	15515as
1200	1230		Japan, R Japan/NHK World	Chinese	6090as	9695as	
1200	1230		Japan, R Japan/NHK World	English	9695af	11740as	
1200	1230		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as
1200	1230		Myanmar, Thazin R	Palang	7345do		
1200	1230		Philippines, R Veritas Asia	Hmong	11935as		
1200	1230		Philippines, R Veritas Asia	Karen	15225as		
1200	1230		Singapore, TWR Asia	Chinese	9910as		
1200	1230		South Korea, KBS World R	Chinese/Mandarin	6095as	9770as	
1200	1230		Sri Lanka, AWR Asia	Mon	11800as		
1200	1230		Taiwan, R Taiwan Intl	Cantonese	6105as	11915as	
1200	1230		Turkey, VO Turkey	German	13760eu		
1200	1230		Turkey, VO Turkey	Turkmen	11825as		
1200	1230		UK, BBC World Service	French	17640af	17780af	21630af
1200	1230		UK, FEBA Radio	Tibetan	15215as		
1200	1230		USA, RFE/RL/R Farda	Farsi	15680as		
1200	1230		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as	

1200	1230		USA, VO America	Burmese	11965as	15555as	17680as	
1200	1230		Vanuatu, R Vanuatu	English/Bislama/French		3945do		
1200	1230		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
1200	1230		Vietnam, VO Vietnam/Overseas Svc	French	7285as			
1200	1230		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
1200	1245		Colombia, Salem Stereo	Spanish	14950do			
1200	1245	mtwhf	Singapore, TWR Asia	Burmese	15390as			
1200	1255		Clandestine, MND Radio	Korean	5150as	6360as		
1200	1256		Romania, R Romania Intl	German	9675eu	11875eu		
1200	1256		Romania, R Romania Intl	Romanian	9410eu	13820eu	15135eu	
1200	1257		Germany, Deutsche Welle	French	9800af	15275af	15700af	
1200	1257		Iran, VOIRI	Chinese	17610as	17670as	21500as	21650as
1200	1257		North Korea, Korean Central BC Sta	Korean	11710ca	11735ca	13650sa	15180sa
1200	1257		North Korea, VO Korea	Japanese	3250as	6070as	9650as	11865as
1200	1259		New Zealand, R New Zealand Intl	English	9700pa			
1200	1300		Angola, R Nac de Angola	Portuguese	4950do			
1200	1300		Anguilla, Caribbean Beacon/Univ Net	English	11775ca			
1200	1300	mtwhf	Argentina, RAE	Portuguese	6060am	15345am		
1200	1300		Australia, ABC/R Australia	English	6080as	6140as	6150va	9475as
					9580pa	11945va		
1200	1300	DRM	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	Arabic	9745me			
1200	1300		Bangladesh, Bangla Betar/Home Svc	English/Bengali	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	4410do			
1200	1300		Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
1200	1300		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1200	1300		Bolivia, R Lipez	Spanish/Aymara	4796do			
1200	1300		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1200	1300		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do		
1200	1300		Bolivia, R Panamericana	Spanish	5765do	6105do		
1200	1300		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
1200	1300		Bolivia, R San Jose	Spanish	5580do			
1200	1300		Bolivia, R San Miguel	Spanish	4699do			
1200	1300		Bolivia, R Santa Ana	Spanish	4451do			
1200	1300		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1200	1300		Bolivia, R Tacana	Spanish	4782do			
1200	1300		Brazil, Educadora/Braganca	Portuguese	4825do			
1200	1300		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1200	1300		Brazil, R Anhanguera	Portuguese	4905do			
1200	1300		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1200	1300		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1200	1300		Brazil, R 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 Guaiaba	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	English/French/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, China Huayi BC	Amoy/Chinese	6185do				
1200	1300		China, China Natl R/CNR 11	Tibetan	4905do	5240do	6010do		
					7350do	7360do	9480do		
1200	1300		China, China Natl R/CNR 13	Uyghur	9420do	9890do	13700do	15390do	
1200	1300		China, China R International	Cantonese	9570na				
1200	1300		China, China R International	Chinese	7390as	7440as	9540as	9855as	
					11790va	13610as	13755as	13810va	
					15110me	17650eu			
1200	1300		China, China R International	English	6010as	9460as	9600as	9645as	
					9730as	11650as	11660as	11690va	
					11980as	13645as	13650eu	17490eu	
					17630eu				
1200	1300		China, China R International	French	17560eu				
1200	1300		China, China R International	Japanese	7325as	11620as			
1200	1300		China, China R International	Khmer	9440as	11680as			
1200	1300		China, China R International	Korean	13620as				
1200	1300		China, China R International	Mongolian	5915as	5990as			
1200	1300		China, China R International	Russian	6100as	7400as	11935as	13575eu	
					13600va	17575va			
1200	1300		China, China R International	Serbian	7345eu				
1200	1300		China, China R International	Vietnamese	9550as	11640as	11780as		
1200	1300		China, CNR/China Business R	Chinese	3985do	6040do	6060do	6065do	
					6155do	6190do	7220do	7245do	
					7315do				
1200	1300		China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					6180do	7215do	7230do	7275do	
					7290do	7305do	7345do	7365do	
					9420do	9500do	9655do		
1200	1300		China, CNR/VO Minorities	Mongolian	5955do	6055do	9615do		
1200	1300		China, CNR/VO Shenzhou	Amoy/Chinese	6165do				
1200	1300		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do		
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1200	1300		China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as			
1200	1300		China, VO the Strait	Amoy/Hakka	6115do				
1200	1300		China, VO the Strait	Chinese	4940do	9505do			
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	6120do	7205do		
1200	1300		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do		
1200	1300		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1200	1300		China, Yunnan PBS/VO Shangri-La	Vietnamese	6035as				
1200	1300		Clandestine, Denge Kurdistane	Kurdish	11510as				
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 R	Khmer	9960as				
1200	1300		Clandestine, R Free Chosun	Korean	11540as	15720as			
1200	1300		Clandestine, Sound of Hope R Intl	Chinese	7280as				

1200	1300		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
1200	1300		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1200	1300		Colombia, La Voz del Guaviare	Spanish	6035do			
1200	1300		Colombia, R Alcaravan	Spanish	5910do			
1200	1300	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do		
1200	1300		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do		
1200	1300		Cuba, R Havana Cuba	Spanish	6150am 11690am 17580sa	9540ca 11760am 17730sa	9550na 11860na	9850na 15230sa
1200	1300		Cuba, R Rebelde	Spanish	5025na			
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	irreg	Ethiopia, R Ethiopia/Intl Svc	Somali	7235va	9560va		
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	6170eu			
1200	1300		France, R France International	French	17620af	17660af	21580af	21690af
1200	1300		Germany, Deutsche Welle	French	12070af	17800af	17820af	21780af
1200	1300	wa/irreg	Germany, Hamburger Lokalradio	German	7265eu			
1200	1300		Germany, HCJB Germany	German	3995eu	7365eu		
1200	1300	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1200	1300		Germany, R 6150	English	6070eu			
1200	1300		Germany, R 700 Kurzwellendienst	German	3985eu	6005eu	7310eu	
1200	1300		Greece, ERT3/R Sta Macedonia	Greek	9935eu			
1200	1300		Greece, Voice of Greece	Greek	9420eu	9935eu	15630eu	
1200	1300		Guatemala, R Verdad	English/Spanish	4055do			
1200	1300	Sun/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	English/Hindi/vernaculars		7295do		
1200	1300		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
1200	1300		India, AIR/Chennai	English/Hindi/Tamil	4920do			
1200	1300		India, AIR/External Svc	Chinese	11840as	13605as	15795as	
1200	1300		India, AIR/Gangkok	English/Hindi/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	English/Hindi/vernaculars		4775do		
1200	1300		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
1200	1300		India, AIR/Jaipur	English/Hindi/vernaculars		4910do		
1200	1300		India, AIR/Jeypore	English/Hindi/Odia/Sanskrit		5040do		
1200	1300		India, AIR/Kohima	English/Hindi/vernaculars		4850do		
1200	1300		India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
1200	1300		India, AIR/Leh	English/Hindi/vernaculars		4660do		
1200	1300		India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
1200	1300		India, AIR/Shillong	Hindi/Mizo/Meghalaya		4970do		
1200	1300		India, AIR/Srinagar	English/Hindi/vernaculars		4950do		
1200	1300		India, AIR/Thiruvananthapuram	English/Hindi/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	irreg	Indonesia, VO Indonesia	Japanese	9526as			
1200	1300		Iran, VOIRI	Arabic	13785as	15150as	17550as	
1200	1300		Iran, VOIRI	Dari	9565as	13880as		
1200	1300		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1200	1300		Japan, R Japan/NHK World	Japanese	9750as	11815as	15460as	17660as
1200	1300		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
1200	1300		Kuwait, R Kuwait	Arabic	9750af	11630af	21540va	
1200	1300		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
1200	1300		Laos, Lao Natl R/Vientane	Lao	6130do			
1200	1300		Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1200	1300		Malaysia, RTM Sarawak	Malay	9835do	11665do		
1200	1300		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
1200	1300		Malaysia, RTM/Traxx FM	English	7295do			
1200	1300		Mali, ORTM/R Mali	English/Arabic/Bambara/French		9635do		
1200	1300		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1200	1300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	

1200	1300		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
1200	1300		Myanmar, Myanma R	minority languages	5915do	7200do		
1200	1300		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1200	1300		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1200	1300	irreg	Nigeria, VO Nigeria	English	9690af			
1200	1300	Sat/Sun	Palau, T8WH/World Harvest R	English	9930as			
1200	1300		Papua New Guinea, R Buka	Tok Pisin	3325do			
1200	1300		Papua New Guinea, R Central	English/Tok Pisin	3290do			
1200	1300		Papua New Guinea, R East New Britain	English/Tok Pisin	3385do			
1200	1300		Papua New Guinea, R East Sepik	Tok Pisin	3335do			
1200	1300		Papua New Guinea, R Fly	English	3915do	5960do		
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	English/Tok Pisin	3345do			
1200	1300		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1200	1300		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
1200	1300		Papua New Guinea, R Western	English/Tok Pisin	3305do			
1200	1300		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	Akha/Chin-Daai/Naga/Rawang		12020as		
1200	1300		Philippines, FEBC Philippines	Chinese	9400as	9430as		
1200	1300		Philippines, FEBC Philippines	Jarai/Koho/Rade/Roglai		9920as		
1200	1300		Philippines, FEBC Philippines	Khmer	7410as			
1200	1300		Russia, R Rossii	Russian	13665as			
1200	1300		Russia, VO Russia	Chinese	6075as	13805as	13860as	
1200	1300		Russia, VO Russia	Dari/Pashto	4960me			
1200	1300		Russia, VO Russia	English	11530as	15670as		
1200	1300		Russia, VO Russia	Japanese	7235as	7340as		
1200	1300	DRM	Russia, VO Russia	Russian	9850eu			
1200	1300		Russia, VO Russia	Russian	15585as			
1200	1300		Russia, VO Russia	Vietnamese	12030as			
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	17705eu	21505af		
1200	1300		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17625as	17895af	
1200	1300	Sat/Sun	Singapore, TWR Asia	Burmese	15390as			
1200	1300		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
1200	1300	mtwhf	South Africa, Channel Africa	Chinyanja	9625af			
1200	1300	mtwhf	South Africa, Channel Africa	Nyanja	9625af			
1200	1300		South Africa, R Sonder Grense	Afrikaans	9650af			
1200	1300		South Korea, KBS World R	Indonesian	9570as			
1200	1300		South Korea, KBS World R	Korean	7275as			
1200	1300	smtwhf	Spain, R Exterior de Espana	Spanish	11815sa			
1200	1300	fa	Spain, R Exterior de Espana	Spanish	5970ca			
1200	1300	DRM	Spain, R Exterior de Espana	Spanish	13720eu			
1200	1300		Spain, R Exterior de Espana	Spanish	11910sa	21540af	21610me	
1200	1300		Taiwan, R Taiwan Intl	Chinese	6180as	7385as	7445as	9660as
					9680as	11640as	11720as	
1200	1300		Taiwan, R Taiwan Intl	Indonesian	9735as			
1200	1300		Taiwan, R Taiwan Intl	Vietnamese	11765as			
1200	1300		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
1200	1300		Tajikistan, VO Tajik	Arabic	7245me			
1200	1300		Turkey, VO Turkey	Turkish	13635va			
1200	1300		Turkey, VO Turkey	Urdu	13710as			
1200	1300		UK, BBC World Service	English	5875as	6195as	9740as	11750as

1200	1300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1200	1300		USA, KNLS Anchor Point AK	English	7355as			
1200	1300		USA, Overcomer Ministry	English	9370na	9980va		
1200	1300		USA, R Free Asia	Tibetan	7470as	11605as	13795as	13830as
					15105as			
1200	1300		USA, R Free Europe/R Liberty	Russian	12025eu	13745eu	17770eu	
1200	1300		USA, R Marti	Spanish	7405ca	9805ca		
1200	1300		USA, RFE/RL/R Farda	Farsi	7435as	12005as	15690as	17880as
1200	1300		USA, VO America	Chinese	6110as	11785as	11825as	15250as
1200	1300		USA, VO America	English	7575va	9510va	12075va	12150va
1200	1300		USA, VO America	Korean	7225as	9490as	15775as	
1200	1300		USA, VOA/R Mashaal	Pashto	12130as	15320as	15360as	
1200	1300		USA, WBCQ Monticello ME	English	9330na			
1200	1300		USA, WEWN/Irondale AL	English	15610eu			
1200	1300		USA, WEWN/Irondale AL	Spanish	11550ca	12050sa		
1200	1300		USA, WHRI Cypress Crk SC	English	9795am			
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	irreg	USA, WWRB Manchester TN	English	3185na			
1200	1300		Uzbekistan, CVC/The VO Asia	Hindi	9660as			
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	7220al
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	Arabic	6135me	9780me		
1200	1300		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1210	1230		China, Xinjiang PBS	Kyrgyz	4500do	6190do	9510do	
1210	1300		China, Xinjiang PBS	Mongolian	4500do	6190do		
1215	1230		Armenia, Public R of Armenia	Turkish	4810me			
1215	1230		Nepal, R Nepal	Maithili	5005do			
1215	1245		India, AIR/External Svc	Telugu	9810va	13695va	15770va	
1215	1245	mtwhf	Singapore, TWR Asia	Chinese	9975as			
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		
1230	1245	smtwhf	Australia, HCJB Global Australia	English	15340pa			
1230	1245		Clandestine, VO Tibet	Tibetan	15557as			
1230	1245	m	India, Athmik Yatra R	Gojri	15350as			
1230	1245	wh	India, Athmik Yatra R	Kashmiri	15350as			
1230	1245	t	India, Athmik Yatra R	Ladakhi	15350as			
1230	1245	fas	India, Athmik Yatra R	Oriya	15350as			
1230	1300		Armenia, Public R of Armenia	Kurdish	4810me			
1230	1300	Sat	Australia, HCJB Global Australia	Nepali	15340as			
1230	1300		Bangladesh, Bangla Betar	English	15105as			
1230	1300		China, China R International	Lao	7360as	9785as		
1230	1300		China, China R International	Malay	15600as			
1230	1300		China, China R International	Malaysian	11955as			
1230	1300		Clandestine, Open R for N Korea	Korean	11565as	15720as		
1230	1300		Clandestine, VO Iranian Kurdistan	Farsi	3960as	4875as		
1230	1300		Egypt, R Cairo	Indonesian	15710as			
1230	1300		India, AIR/External Svc	Sindhi	6165as	7340as	9620as	
1230	1300		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
1230	1300		Indonesia, AWR Asia/Pacific	Chinese	9800as	12105as	15515as	
1230	1300		Iran, VOIRI	Malay	17590as	21670as		
1230	1300		Iran, VOIRI	Pashto	11730as	13730as		
1230	1300		Japan, R Japan/NHK World	Korean	6190as			
1230	1300		Japan, R Japan/NHK World	Thai	9585as	11740as		
1230	1300		Myanmar, Thazin R	Mon	7345do			
1230	1300		Pakistan, R Pakistan	Sinhala	11700as			
1230	1300		Philippines, R Veritas Asia	Kachin	15225as			
1230	1300	mtwhf	Singapore, TWR Asia	Kokborok	15240as			
1230	1300	irreg	Somalia, R Hargeysa	Somali	7120do			
1230	1300		South Korea, KBS World R	English	6095as			
1230	1300	mtha	Sri Lanka, AWR Asia	Bangla	12085as			
1230	1300	swf	Sri Lanka, AWR Asia	Meitei	12085as			
1230	1300		Taiwan, R Taiwan Intl	Hakka	6105as	11915as		
1230	1300		Thailand, R Thailand World Svc	English	9390as			
1230	1300		Turkey, VO Turkey	English	15450va			
1230	1300		Turkey, VO Turkey	Uyghur	11700as			
1230	1300		USA, R Free Asia	Burmese	7390as	9335as	13675as	
1230	1300		USA, R Free Asia	Khmer	12140as	15145as		
1230	1300		USA, RFE/RL/R Farda	Farsi	15680as			
1230	1300		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as		
1230	1300		USA, VO America	Laotian	9695as	11965as		



1230	1300	smtwhf	Vatican City State, Vatican R	Chinese	6020as	11890as	15470as
1230	1300		Vatican City State, Vatican R	Russian	9900eu	11850eu	
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	Bengali	15340as		
1245	1300	shf	Australia, HCJB Global Australia	Hindi	15340pa		
1245	1300	w	Australia, HCJB Global Australia	Kuruk	15340pa		
1245	1300	t	Australia, HCJB Global Australia	Marwari	15430pa		
1245	1300		Clandestine, VO Tibet	Tibetan	15563as		
1245	1300		India, AIR/Vivdh Bharati	Hindi	9870do		
1245	1300	hf	India, Athmik Yatra R	Gujarati	15350as		
1245	1300	Sat/Sun	India, Athmik Yatra R	Koya	15350as		
1245	1300	mtw	India, Athmik Yatra R	Punjabi	15350as		
1245	1300		India, TWR India	Kui	12055as		
1245	1300	m	India, TWR India	Santhali	12055as		
1245	1300	smtwhf	Singapore, TWR Asia	Kokborok	15240as		
1245	1300		Singapore, TWR Asia	Vietnamese	11580as		

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

1300	1310		Papua New Guinea, R East Sepik	Tok Pisin	3335do		
1300	1315	f	Australia, HCJB Global Australia	Dzongkha	15340pa		
1300	1315	mtwh	Australia, HCJB Global Australia	Nepali	15340as		
1300	1315	Sat	Australia, HCJB Global Australia	Oriya	15340pa		
1300	1315	Sun	Australia, HCJB Global Australia	Punjabi	15340pa		
1300	1315		Clandestine, VO Tibet	Chinese	15548as		
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	15350as		
1300	1315		India, TWR India	Ho	12055as		
1300	1315	m	India, TWR India	Kumaoni	12055as		
1300	1315		Rwanda, TWR Africa	Afar	13660af		
1300	1315		Thailand, R Thailand World Svc	Japanese	9795as		
1300	1315	Sat	Vatican City State, Vatican R	Chinese/Mass	6020as	11890as	15470as
1300	1326		Romania, R Romania Intl	Chinese	15435as	17860as	
1300	1327		Iran, VOIRI	Malay	17590as	21670as	
1300	1327		Iran, VOIRI	Pashto	11730as	13730as	
1300	1330		Brazil, R Difusora do Amazonas	Portuguese	4805do		
1300	1330		China, China R International	Lao	7360as	9785as	
1300	1330		China, China R International	Malay	15600as		
1300	1330		China, China R International	Malaysian	11955as		
1300	1330		Clandestine, Furusato no Kaze	Korean	9950as		
1300	1330		Clandestine, Nippon no Kaze	Korean	9950as		
1300	1330		Clandestine, VO Iranian Kurdistan	Farsi	3960as	4875as	
1300	1330		Egypt, R Cairo	English	17870as		
1300	1330		France, R France International	Russian	15160eu	17850eu	
1300	1330	mtwhf	Germany, AWR Europe	Mandarin	17810as		
1300	1330	Sat/Sun	Germany, AWR Europe	Uyghur	17810as		
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	15445as		
1300	1330		Indonesia, AWR Asia/Pacific	Khmer	15320as		
1300	1330		Japan, R Japan/NHK World	Chinese	6190as		
1300	1330		Japan, R Japan/NHK World	English	15735as		
1300	1330		Japan, R Japan/NHK World	Vietnamese	11740as		
1300	1330		Myanmar, Myanma R	minority languages	5915do	7200do	
1300	1330		Myanmar, Thazin R	Mon	7345do		
1300	1330		Pakistan, R Pakistan	Tamil	11700as		
1300	1330		Philippines, FEBC Philippines	Jarai/Koho/Rade/Roglai		9920as	
1300	1330		Philippines, FEBC Philippines	Tibetan (Khams)	11825as		
1300	1330		Philippines, R Veritas Asia	Vietnamese	11850as		
1300	1330		Poland, Polish R/External Svc	Russian	12095eu		
1300	1330		Singapore, TWR Asia	Karen	15390as		
1300	1330		Turkey, VO Turkey	English	15450eu		
1300	1330		Turkey, VO Turkey	Uyghur	11700as		
1300	1330		UK, BBC World Service	Urdu	15330as	17735as	17510as
1300	1330		USA, R Free Asia	Burmese	7390as	9335as	13675as
1300	1330		USA, R Free Asia	Khmer	12140as	15145as	
1300	1330		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as	
1300	1330		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as	
1300	1330		Vietnam, VO Vietnam/Overseas Svc	French	7285as		
1300	1330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as	
1300	1345		Japan, R Japan/NHK World	Bengali	11685as		
1300	1345	Sat	Singapore, TWR Asia	Vietnamese	11580as		
1300	1350		Greece, Voice of Greece	Greek	15630eu		
1300	1355		Saudi Arabia, BSKSA/Quran Pgm	Arabic	15380me	17615af	17625as 17895af
1300	1356		Romania, R Romania Intl	Romanian	11700eu	15135eu	

1300	1357		North Korea, VO Korea	Chinese	11735as	13650as		
1300	1357		North Korea, VO Korea	English	9435na	11710na	13760eu	15245eu
1300	1400		Angola, R Nac de Angola	Portuguese	4950do			
1300	1400		Anguilla, Caribbean Beacon/Univ Net	English	11775ca			
1300	1400	mtwhf	Argentina, RAE	Spanish	6060am	15345am		
1300	1400		Australia, ABC/R Australia	English	5940as	6150va	9580pa	12065pa
1300	1400	DRM	Australia, ABC/R Australia	English	5995as			
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	Arabic	9745me			
1300	1400		Bangladesh, Bangla Betar/Home Svc	English/Bengali	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	4410do			
1300	1400		Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
1300	1400		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1300	1400		Bolivia, R Lipetz	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 Guaruja 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	English/French/vernaculars		6005do		
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 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, China R International	Bengali	9490as	9600as	11610as		
1300	1400		China, China R International	Burmese	9880as	11780as			
1300	1400		China, China R International	Chinese	7205as	7215as	7440as	9540as	
					9855as	11790va	13650me	13670eu	
					13810va				
1300	1400		China, China R International	English	5955as	9570na	9730as	9760pa	
					9765va	9870as	11660as	11760pa	
					11980as	13610eu	13755as	17630eu	
1300	1400		China, China R International	Esperanto	9440as	11650as			
1300	1400		China, China R International	French	13710eu	17560eu			
1300	1400		China, China R International	Hindi	9635as	11675as			
1300	1400		China, China R International	Japanese	7215as	7325as			
1300	1400		China, China R International	Korean	13620as				
1300	1400		China, China R International	Mongolian	6100as	7285as			
1300	1400		China, China R International	Russian	5915as	5990as	7400as	9675as	
					13600va				
1300	1400		China, China R International	Vietnamese	9550as	9685as			
1300	1400		China, CNR/China Business R	Chinese	3985do	6040do	6065do	6090do	
					6155do	6190do	7245do	7315do	
					7335do				
1300	1400		China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6180do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9810do	
					9830do	9845do	9860do		
1300	1400		China, CNR/VO Minorities	Korean	5955do	5975do	6020do		
1300	1400		China, CNR/VO Shenzhou	Amoy/Chinese	6165do				
1300	1400		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do		
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do			
1300	1400		China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as			
1300	1400		China, VO the Strait	Amoy/Hakka	6115do				
1300	1400		China, VO the Strait	Chinese	4940do	9505do			
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	6120do	7205do		
1300	1400		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do		
1300	1400		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1300	1400		China, Yunnan PBS/VO Shangri-La	Chinese	6035as				
1300	1400		Clandestine, Denge Kurdistan	Kurdish	11510as				
1300	1400		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1300	1400		Clandestine, Echo of Unification	Korean	6250as				
1300	1400		Clandestine, Open R for N Korea	Korean	11565as	15720as			
1300	1400		Clandestine, R Free Chosun	Korean	11540as	15720as			
1300	1400		Clandestine, Sound of Hope R Intl	Chinese	6030as	6240as	7310as	11760as	
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		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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
1300	1400	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1300	1400		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
1300	1400		Cuba, R Havana Cuba	Spanish	9540ca	11690am	11750ca	11760am	
					11860na	13780na	15230sa	15340na	
					17580sa	17730sa			
1300	1400		Cuba, R Rebelde	Spanish	5025na				
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	15535af				
1300	1400		Egypt, R Cairo	Dari	15365as				

1300	1400		Egypt, R Cairo	Indonesian	15710as			
1300	1400	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1300	1400		Eqt 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	5060al	7120al	
					7175al	9715al		
1300	1400		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1300	1400	irreg	Ethiopia, R Ethiopia/Intl Svc	Afar	7235va	9560va		
1300	1400		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
1300	1400		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1300	1400	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu			
1300	1400		Germany, Deutsche Welle	Hausa	15275af	17800af	21780af	
1300	1400	wa/irreg	Germany, Hamburger Lokalradio	German	7265eu			
1300	1400		Germany, HCJB Germany	German	3995eu	7365eu		
1300	1400	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1300	1400		Germany, R 6150	English	6070eu			
1300	1400		Germany, R 700 Kurzwelldienst	German	3985eu	6005eu	7310eu	
1300	1400		Greece, ERT3/R Sta Macedonia	Greek	9935eu			
1300	1400		Greece, Voice of Greece	Greek	9420eu	9935eu		
1300	1400		Guatemala, R Verdad	English/Spanish	4055do			
1300	1400	Sun/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	English/Hindi/vernaculars		7295do		
1300	1400		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
1300	1400		India, AIR/Chennai	English/Hindi/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	English/Hindi/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	English/Hindi/vernaculars		4775do		
1300	1400		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
1300	1400		India, AIR/Jaipur	English/Hindi/vernaculars		4910do		
1300	1400		India, AIR/Jeypore	English/Hindi/Odia/Sanskrit		5040do		
1300	1400		India, AIR/Kohima	English/Hindi/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	English/Hindi/vernaculars		4660do		
1300	1400		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1300	1400		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
1300	1400		India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars		4950do		
1300	1400		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		5010do		
1300	1400		India, AIR/Vivdh Bharati	Hindi	9870do			
1300	1400		Indonesia, AWR Asia/Pacific	Chinese	12195as			
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	irreg	Indonesia, VO Indonesia	English	9526as			
1300	1400		Iran, VOIRI	Arabic	13785as	15150as	17550as	
1300	1400		Iran, VOIRI	Dari	9565as	13880as		
1300	1400		Iran, VOIRI	Urdu	9455as	15300as	15400as	
1300	1400		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1300	1400		Japan, R Japan/NHK World	Japanese	9750as	11815as	15460as	17660as
1300	1400		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
1300	1400		Kuwait, R Kuwait	Arabic	9750af	11630af	21540va	
1300	1400		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
1300	1400		Laos, Lao Natl R/Vientane	Lao	6130do			
1300	1400		Madagascar, AWR Africa	Vietnamese	17670af			
1300	1400		Madagascar, R Natl Malagasy	French/Malagasy		7245do		
1300	1400		Malaysia, RTM Sarawak	Malay	9835do	11665do		
1300	1400		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
1300	1400		Malaysia, RTM/Traxx FM	English	7295do			
1300	1400		Mali, ORTM/R Mali	English/Arabic/Bambara/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	9579va			
1300	1400		New Zealand, R New Zealand Intl	English	6170pa			
1300	1400		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		

1300	1400		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba	7275do			
1300	1400	irreg	Nigeria, VO Nigeria	English	9690af			
1300	1400		Papua New Guinea, R Buka	Tok Pisin	3325do			
1300	1400		Papua New Guinea, R Central	English/Tok Pisin	3290do			
1300	1400		Papua New Guinea, R East New Britain	English/Tok Pisin	3385do			
1300	1400		Papua New Guinea, R Fly	English	3915do	5960do		
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	English/Tok Pisin	3345do			
1300	1400		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1300	1400		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
1300	1400		Papua New Guinea, R Western	English/Tok Pisin	3305do			
1300	1400		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
1300	1400		Peru, Ondas del Hualлага	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	Akha/Chin-Daai/Naga/Rawang	12020as			
1300	1400		Philippines, FEBC Philippines	Chinese	9400as	9430as		
1300	1400		Philippines, FEBC Philippines	Hmong/Khmu	12095as			
1300	1400		Russia, VO Russia	Chinese	13805as	13860as		
1300	1400		Russia, VO Russia	Dari/Pashto	4960me			
1300	1400		Russia, VO Russia	English	12030as	15670as		
1300	1400	DRM	Russia, VO Russia	English	9850eu			
1300	1400		Russia, VO Russia	Hindi/Urdu	7505as	9445as		
1300	1400	Sun	Russia, VO Russia	Mongolian	6075as			
1300	1400		Russia, VO Russia	Russian	15585as			
1300	1400	DRM	Russia, VO Russia	Russian	9850eu			
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	17705eu	21505af		
1300	1400		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
1300	1400	irreg	Somalia, R Hargeysa	Somali	7120do			
1300	1400	mtwhf	South Africa, Channel Africa	Lozi	9625af			
1300	1400		South Africa, R Sonder Grense	Afrikaans	9650af			
1300	1400		South Korea, KBS World R	Chinese/Mandarin	7275as			
1300	1400		South Korea, KBS World R	English	9570as	15575na		
1300	1400		Spain, R Exterior de Espana	Spanish	11910as	21540af	21610me	
1300	1400	fa	Spain, R Exterior de Espana	Spanish	5970ca			
1300	1400	smtwhf	Spain, R Exterior de Espana	Spanish	11815sa			
1300	1400		Taiwan, R Taiwan Intl	Amoy	11915as			
1300	1400		Taiwan, R Taiwan Intl	Chinese	6180as	7385as	7445as	15365as
1300	1400		Taiwan, R Taiwan Intl	Japanese	9735as			
1300	1400		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
1300	1400		Tajikistan, VO Tajik	English	7245va			
1300	1400		Turkey, VO Turkey	Russian	11965va			
1300	1400		Turkey, VO Turkey	Turkish	9840va			
1300	1400		UK, BBC World Service	English	5875as	6195as	9740as	15310as
					17790as			
1300	1400	Sat	UK, BBC World Service	Somali	15420af	17830af	21470af	
1300	1400		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1300	1400		USA, KJES Vado NM	English	11715na			
1300	1400		USA, KNLS Anchor Point AK	Chinese	9920as			
1300	1400		USA, Overcomer Ministry	English	9370na	9980va		
1300	1400		USA, R Free Asia	Tibetan	7470as	11605as	13795as	13830as
					15105as			
1300	1400		USA, R Free Europe/R Liberty	Russian	12025eu	13745eu	15460eu	
1300	1400		USA, R Marti	Spanish	7405ca	13820ca		
1300	1400		USA, RFE/RL/R Farda	Farsi	7435as	12005as	15680as	15690as
					17880as			
1300	1400		USA, VO America	Cantonese	7365as	9355as		

1300	1400		USA, VO America	Chinese	6110as	11785as	11805as	15115as
1300	1400	Sat/Sun	USA, VO America	English	7575va	9510va	12075va	12150va
1300	1400		USA, VO America	Korean	7225as	11935as	15775as	
1300	1400		USA, VO America	Somali	15170af	17530af		
1300	1400		USA, VOA/Deewa R	Pashtun	7495as	9310as	9695as	13690as
1300	1400		USA, WBCQ Monticello ME	English	9330na			
1300	1400		USA, WEWN/Irondale AL	English	15610eu			
1300	1400		USA, WEWN/Irondale AL	Spanish	11550ca	12050sa		
1300	1400	Sat/Sun	USA, WHRI Cypress Crk SC	English	9795am	9840na		
1300	1400		USA, WRMI Miami FL	English/Spanish	9955am			
1300	1400		USA, WTWV Lebanon TN	English	9479na			
1300	1400		USA, WTWV Lebanon TN	Russian	12105eu			
1300	1400		USA, WWCR Nashville TN	English	7490af	9980ca	13845na	15825eu
1300	1400	irreg	USA, WWRB Manchester TN	English	9370na			
1300	1400		Uzbekistan, CVC/The VO Asia	Hindi	9660as			
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	Arabic	6135me	9780me		
1300	1400		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1315	1330	Sun	Australia, HCJB Global Australia	Bhojpuri	15340as			
1315	1330	f	Australia, HCJB Global Australia	Hmar	15340pa			
1315	1330	h	Australia, HCJB Global Australia	Malayalam	15340as			
1315	1330	w	Australia, HCJB Global Australia	Marathi	15340pa			
1315	1330	mt	Australia, HCJB Global Australia	Tamil	15340pa			
1315	1330	Sat	Australia, HCJB Global Australia	Urdu	15340pa			
1315	1330	Sat/Sun	India, Athmik Yatra R	Hindi	15350as			
1315	1330	w	India, Athmik Yatra R	Khandesi	15350as			
1315	1330	hf	India, Athmik Yatra R	Marathi	15350as			
1315	1330	m	India, Athmik Yatra R	Santhali	15350as			
1315	1330	t	India, Athmik Yatra R	Vadari	15350as			
1315	1330	Sun	India, TWR India	Bengali	12055as			
1315	1330	a	India, TWR India	Braj Basha	12055as			
1315	1330	twhf	India, TWR India	Dogri	11930as			
1315	1330	mtw	India, TWR India	Marwari	12055as			
1315	1330	hf	India, TWR India	Mewadi	12055as			
1315	1330		Nepal, R Nepal	Nepali	5005do			
1315	1330		Thailand, R Thailand World Svc	Chinese	9795as			
1315	1345		Bangladesh, Bangla Betar	Nepali	7250as			
1315	1345		Clandestine, VO Tibet	Tibetan	15568as			
1315	1400		India, AIR/External Svc	Dari	9910as	11670as		
1315	1400	sm	India, TWR India	Hindi	11930as			
1315	1400		Japan, R Japan/NHK World	Indonesian	11705af			
1315	1400		Vatican City State, Vatican R	Vietnamese	11890as	15470as		
1320	1400		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1325	1400		Russia, R Rossii	Russian	13735eu			
1330	1345	hf	India, Athmik Yatra R	Malto	15350as			
1330	1345	mtw	India, Athmik Yatra R	Meitei	15350as			
1330	1345	mt	India, Athmik Yatra R	Nocte	15390as			
1330	1345	Sun	India, Athmik Yatra R	Rongmei	15390as			
1330	1345	fa	India, Athmik Yatra R	Tangkhul	15390as			
1330	1345	wh	India, Athmik Yatra R	Tharu	15390as			
1330	1345	Sat	India, Athmik Yatra R	Tibetan (Amdo)	15350as			
1330	1345	Sun	India, Athmik Yatra R	Tibetan (Lhasa)	15350as			
1330	1345	m	India, TWR India	Bondo	12055as			
1330	1345	Sun	India, TWR India	Garhwali	12055as			
1330	1345	Sat	India, TWR India	Haryanvi	12055as			
1330	1345	h	India, TWR India	Kashmiri	12055as			
1330	1345	tw	India, TWR India	Maithili	12055as			
1330	1345	f	India, TWR India	Tibetan	12055as			
1330	1345	smtwhf	Singapore, TWR Asia	Chinese	9975as			
1330	1356		Romania, R Romania Intl	Russian	13640as	15160as		
1330	1400		Australia, HCJB Global Australia	Hindi	15340pa			
1330	1400		China, China R International	Indonesian	9535as	11955as		
1330	1400		China, China R International	Thai	7360as	9785as		
1330	1400		Clandestine, Furusato no Kaze	Japanese	9950as			
1330	1400	t	Clandestine, JSR Shiokaze	Chinese/Korean	6190as			
1330	1400	f	Clandestine, JSR Shiokaze	English	6020as			
1330	1400	mwh	Clandestine, JSR Shiokaze	Japanese	6135as			
1330	1400	Sat/Sun	Clandestine, JSR Shiokaze	Japanese/Korean	6135as			
1330	1400		Clandestine, Salam Watandar	Dari/Pashto	15615as			
1330	1400		Egypt, R Cairo	Farsi	15790me			
1330	1400		Germany, AWR Europe	Mandarin	17810as			
1330	1400		Germany, Deutsche Welle	Dari	15215as	15595as	17860as	
1330	1400		India, AIR/External Svc	English	9690as	11620as	13710as	

1330	1400		India, AIR/External Svc	Nepali	3945as	4870as	7420as	11775as
1330	1400	twhfa	India, TWR India	Hindi	11930as			
1330	1400	sw	Indonesia, AWR Asia/Pacific	Assamese	15660as			
1330	1400	hf	Indonesia, AWR Asia/Pacific	Hmong	15660as			
1330	1400	Sun	Indonesia, AWR Asia/Pacific	Khmer	15320as			
1330	1400	ha	Indonesia, AWR Asia/Pacific	Lao	15430as			
1330	1400	mta	Indonesia, AWR Asia/Pacific	Malay	15660as			
1330	1400		Indonesia, AWR Asia/Pacific	Russian	9720eu			
1330	1400	mtwf	Indonesia, AWR Asia/Pacific	Thai	15430as			
1330	1400		Iran, VOIRI	Japanese	13630as	15555as		
1330	1400		Iran, VOIRI	Kurdish (Kirmanji dialect)		9870as		
1330	1400		Japan, R Japan/NHK World	Korean	6190as			
1330	1400		Laos, Lao National R	Thai	6130as			
1330	1400		Laos, Lao Natl R/Vientane	Thai	6130do			
1330	1400		Myanmar, Myanma R	Burmese	5915do			
1330	1400		Pakistan, Azad Kashmir R	Urdu	3975do			
1330	1400		Pakistan, R Pakistan	Urdu	15235me	17520me		
1330	1400		Philippines, FEBC Philippines	Chinese	9890as			
1330	1400		Philippines, R Veritas Asia	Hindi	11870as			
1330	1400		Philippines, R Veritas Asia	Sinhala	9520as			
1330	1400		Poland, Polish R/External Svc	Belarusian	12095eu			
1330	1400	mtwhfa	Singapore, TWR Asia	Yue	9940as			
1330	1400		Thailand, R Thailand World Svc	Thai	9795as			
1330	1400		Turkey, VO Turkey	Kazakh	11880as			
1330	1400		UK, BBC World Service	Bengali	5855as	7565as	11730as	
1330	1400	Sat	UK, BBC World Service	Hausa	17780af			
1330	1400		USA, R Free Asia	Burmese	7390as	9335as	12140as	
1330	1400		USA, RFE/RL/R Free Afghanistan	Pashto	15090as	17690as		
1330	1400		USA, VO America	Khmer	11695as			
1330	1400		Vietnam, VO Vietnam/Overseas Svc	English	9840as	12020as		
1330	1400		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as			
1345	140	w	India, Athmik Yatra R	Kaubru	15390as			
1345	1400		Clandestine, VO Tibet	Chinese	15542as			
1345	1400	hf	India, Athmik Yatra R	Deori	15390as			
1345	1400	wh	India, Athmik Yatra R	Deshiya	15350as			
1345	1400	mt	India, Athmik Yatra R	Kokborok	15390as			
1345	1400	mt	India, Athmik Yatra R	Marwari	15350as			
1345	1400	Sun	India, Athmik Yatra R	Netakani	15350as			
1345	1400	Sat/Sun	India, Athmik Yatra R	Thadou-Kuki	15390as			
1345	1400	fa	India, Athmik Yatra R	Urdu	15350as			
1345	1400	Sun	India, TWR India	Bundeli	12055as			
1345	1400	m	India, TWR India	Kurukh	12055as			
1345	1400	twhfa	India, TWR India	Maitihili	12055as			
1345	1400		Singapore, TWR Asia	Chinese	9975as			
1345	1400		Singapore, TWR Asia	Korean	11580as			
1345	1400		UK, BBC World Service	Burmese	7485as	9585as	11945as	
1355	1400	Sat	Swaziland, TWR Africa	Makhuwa	7315af			
1355	1400	Sun	Swaziland, TWR Africa	Portuguese	7315af			

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

1400	1415	irreg	Clandestine, VO Jammu & Kashmir Freedom	Kashmiri/Urdu	3995as			
1400	1415		India, AIR/External Svc	Dari	9910as	11670as		
1400	1415	Sat	India, Athmik Yatra R	Ao	15390as			
1400	1415	h	India, Athmik Yatra R	Bhili	15350as			
1400	1415	w	India, Athmik Yatra R	Bondo	15350as			
1400	1415	f	India, Athmik Yatra R	Gondi	15350as			
1400	1415	mt	India, Athmik Yatra R	Halam	15390as			
1400	1415	hf	India, Athmik Yatra R	Karbi	15390as			
1400	1415	Sun	India, Athmik Yatra R	Kupiya	15350as			
1400	1415	w	India, Athmik Yatra R	Rengma	15390as			
1400	1415	mt	India, Athmik Yatra R	Soura	15350as			
1400	1415	Sun	India, Athmik Yatra R	Sumi	15390as			
1400	1415	Sat	India, Athmik Yatra R	Yerukala	15350as			
1400	1415	w	India, TWR India	Awadhi	11930as			
1400	1415	thfa	India, TWR India	Hindi	11930as			
1400	1415	m	India, TWR India	Kharia	12055as			
1400	1415	Sat	Singapore, TWR Asia	Korean	11580as			
1400	1425	mtf	Singapore, 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	Italian	9610eu			
1400	1426		Romania, R Romania Intl	Italian	9800eu			
1400	1427		Iran, VOIRI	Arabic	13785as	15150as	17550as	
1400	1427		Iran, VOIRI	Dari	13880as			
1400	1427		Iran, VOIRI	Japanese	13630as	15555as		
1400	1427		Iran, VOIRI	Urdu	9455as	15300as	15400as	
1400	1428		Austria, TWR Europe	Belarusian	9725eu			
1400	1428		Germany, TWR Europe	Belarusian/Russian	7215eu			

1400	1430		Australia, HCJB Global Australia	Urdu	15340pa				
1400	1430		Austria, AWR Europe	Urdu	15440as				
1400	1430		Bangladesh, Bangla Betar	Urdu	15505as				
1400	1430		China, China R International	Indonesian	9535as	11955as			
1400	1430		China, China R International	Thai	7360as	9780as			
1400	1430		China, Gannan PBS	Chinese/Tibetan	3990do	5970do			
1400	1430	tf/irreg	Clandestine, Aedalarin Saesi/VO Justice	Azeri	9677as				
1400	1430	t	Clandestine, JSR Shiokaze	Chinese/Korean	6190as				
1400	1430	f	Clandestine, JSR Shiokaze	English	6020as				
1400	1430	mwh	Clandestine, JSR Shiokaze	Japanese	6135as				
1400	1430	Sat/Sun	Clandestine, JSR Shiokaze	Japanese/Korean	6135as				
1400	1430		Clandestine, Open R for N Korea	Korean	11565as	15720as			
1400	1430		Clandestine, VO Iranian Kurdistan	Kurdish	3960as	4875as			
1400	1430		Clandestine, VO Tibet	Tibetan	15525as	15567as			
1400	1430	Sun	Clandestine, VO Wilderness	Korean	11860as				
1400	1430		Germany, Deutsche Welle	Pashto	15215as	15595as	17860as		
1400	1430		India, AIR/External Svc	Nepali	3945as	4870as	7420as	11775as	
1400	1430		India, AIR/Uttaranchal Prg	Hindi	6030do				
1400	1430		Indonesia, AWR Asia/Pacific	Asho Chin	15375as				
1400	1430		Indonesia, AWR Asia/Pacific	Sinhalese	15165as				
1400	1430		Japan, R Japan/NHK World	English	11705af	15735as			
1400	1430		Japan, R Japan/NHK World	Korean	6190as				
1400	1430		Laos, Lao National R	English	6130as				
1400	1430		Mongolia, VO Mongolia	Mongolian	12015as				
1400	1430		Philippines, FEBC Philippines	Javanese	15620as				
1400	1430		Philippines, FEBC Philippines	Lahu	11750as				
1400	1430		Philippines, R Veritas Asia	Bengali	11870as				
1400	1430		Philippines, R Veritas Asia	Tamil	9520as				
1400	1430	h	Singapore, TWR Asia	English	15190as				
1400	1430		Thailand, R Thailand World Svc	English	9950as				
1400	1430		UK, BBC World Service	Burmese	7485as	9585as	11945as		
1400	1430		UK, BBC World Service	Hausa	17640af	21630af			
1400	1430	smtwhf	UK, BBC World Service	Hausa	17780af				
1400	1430		UK, BBC World Service	Hindi	7565as	9395as	9510as	11795as	
1400	1430		UK, FEBA Radio	Urdu	11880as				
1400	1430		USA, R Free Asia	Burmese	7390as	9335as			
1400	1430		USA, RFE/RL/R Farda	Farsi	15680as				
1400	1430		USA, RFE/RL/R Free Afghanistan	Dari	15090as	17690as			
1400	1430		USA, VO America	Khmer	11695as				
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as			
1400	1430		Vietnam, VO Vietnam/Overseas Svc	Lao	7285as				
1400	1435	sw	Singapore, TWR Asia	English	15190as				
1400	1440		China, Hulun Buir PBS	Chinese	3900do				
1400	1445		Singapore, TWR Asia	Chinese	9975as				
1400	1445	Sun	Singapore, TWR Asia	Korean	11580as				
1400	1445	Sun	USA, Pan Am Broadcasting	English	15205as				
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	17705eu	21505af			
1400	1455		Saudi Arabia, BSKSA/Quran Pgm	Arabic	17615af	17895af			
1400	1457		Iran, VOIRI	Dari	9565as				
1400	1457		North Korea, Korean Central BC Sta	Korean	11735as	13650as			
1400	1457		North Korea, VO Korea	French	9435na	11710na	13760eu	15245eu	
1400	1457		North Korea, VO Korea	Russian	3250eu	9425eu	12015eu		
1400	1500		Angola, R Nac de Angola	Portuguese	4950do				
1400	1500		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
1400	1500	mtwhf	Argentina, RAE	Spanish	6060am	15345am			
1400	1500		Australia, ABC/R Australia	English	5940as	5995va	9580pa	12065pa	
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	Arabic	9745me				
1400	1500		Bangladesh, Bangla Betar/Home Svc	English/Bengali	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	4410do				
1400	1500		Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
1400	1500		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua	6025do				
1400	1500		Bolivia, R Lipéz	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		China, CNR/VO Minorities	Kazakh	6145do 9645do	6180do	7445do	9630do
1400	1500		China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
1400	1500		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do	
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, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do		
1400	1500		China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as		
1400	1500		China, VO the Strait	Amoy/Hakka	6115do			
1400	1500		China, VO the Strait	Chinese	4940do	9505do		
1400	1500		China, Xinjiang PBS	Chinese	3950do 7310do	5060do 7340do	5960do	7260do
1400	1500		China, Xinjiang PBS	Kazakh	4330do 7445do	6015do 9630do	6145do	6180do
1400	1500		China, Xinjiang PBS	Mongolian	4500do	6190do		
1400	1500		China, Xinjiang PBS	Uyghur	3990do	6120do	7205do	
1400	1500		China, Xizang PBS	Chinese	4820do 7240do	5935do 9780do	6050do 11860do	6145do
1400	1500		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
1400	1500		China, Yunnan PBS/VO Shangri-La	Vietnamese	6035as			
1400	1500		Clandestine, Denge Kurdistane	Kurdish	11510as			
1400	1500		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1400	1500		Clandestine, N Korea Reform R	Korean	7590as	9830as		
1400	1500		Clandestine, Salam Watandar	Dari/Pashto	15615as			
1400	1500		Clandestine, Sound of Hope R Intl	Chinese	9450as	11760as		
1400	1500		Clandestine, VO China	Chinese	7270as			
1400	1500		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do		
1400	1500	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1400	1500		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do		
1400	1500		Cuba, R Havana Cuba	Spanish	9540ca 11860na	11690am 13780na	11750ca 15230sa	11760am 15340na
1400	1500		Cuba, R Rebelde	Spanish	5025na			
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	15535af			
1400	1500		Egypt, R Cairo	Farsi	15790me			
1400	1500		Egypt, R Cairo	Pashto	15545as			
1400	1500	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1400	1500		Eq 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 9715al	5060al	7120al
1400	1500		Ethiopia, Amhara State Regional R	Amharic	6090do			
1400	1500		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1400	1500	irreg	Ethiopia, R Ethiopia/Intl Svc	Arabic	7235va	9560va		
1400	1500		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1400	1500	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu			
1400	1500		France, R France International	Vietnamese	7380as			
1400	1500		Germany, AWR Europe	Mandarin	17810as			
1400	1500	wa/irreg	Germany, Hamburger Lokalradio	English	7265eu			
1400	1500		Germany, HCJB Germany	German	3995eu	7365eu		
1400	1500	Sat/Sun	Germany, Mighty KBC Radio	English	6095eu			
1400	1500		Germany, R 6150	English	6070eu			
1400	1500		Germany, R 700 Kurzwellendienst	German	3985eu	6005eu	7310eu	
1400	1500		Greece, ERT3/R Sta Macedonia	Greek	9935eu			
1400	1500		Greece, Voice of Greece	Greek	9420eu	9935eu	15650eu	
1400	1500		Guatemala, R Verdad	English/Spanish	4055do			
1400	1500	Sun/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	English/Hindi/vernaculars		7295do		
1400	1500		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
1400	1500		India, AIR/Chennai	English/Hindi/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	English/Hindi/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	English/Hindi/vernaculars		4775do		

1400	1500	India, AIR/Itanagar	Hindi/Pradesh/vernaculars	4990do			
1400	1500	India, AIR/Jaipur	English/Hindi/vernaculars	4910do			
1400	1500	India, AIR/Jeypore	English/Hindi/Odia/Sanskrit	5040do			
1400	1500	India, AIR/Kohima	English/Hindi/vernaculars	4850do			
1400	1500	India, AIR/Kolkata	Bengali/Hindi/Santhoni	4820do			
1400	1500	India, AIR/Kuresong	Bengali/Hindi/Tibetan	4895do			
1400	1500	India, AIR/Leh	English/Hindi/vernaculars	4660do			
1400	1500	India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1400	1500	India, AIR/Mumbai	English/Hindi/Marathi	4840do			
1400	1500	India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1400	1500	India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars	4950do			
1400	1500	India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil	5010do			
1400	1500	India, AIR/Vivdh Bharati	Hindi	9870do			
1400	1500	Indonesia, AWR Asia/Pacific	Chinese	12105as	13575as		
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	9526as			
1400	1500	Iran, VOIRI	Kurdish (Kirmanji dialect)		9870as		
1400	1500	Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1400	1500	Japan, R Japan/NHK World	Japanese	9750as	11815as	17660as	17670as
1400	1500	Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as	
1400	1500	Kuwait, R Kuwait	Arabic	9750af	11630af	21540va	
1400	1500	Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
1400	1500	Madagascar, R Natl Malagasy	French/Malagasy	6135do	7245do		
1400	1500	Malaysia, RTM Sarawak	Malay	9835do	11665do		
1400	1500	Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
1400	1500	Malaysia, RTM/Traxx FM	English	7295do			
1400	1500	Mali, ORTM/R Mali	English/Arabic/Bambara/French		9635do		
1400	1500	Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1400	1500	Mexico, R Educacion	English/Spanish	6185do			
1400	1500	Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
1400	1500	Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
1400	1500	Myanmar, Myanma R	Burmese	5915do			
1400	1500	New Zealand, R New Zealand Intl	English	6170pa			
1400	1500	Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1400	1500	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1400	1500	Nigeria, VO Nigeria	English	9690af			
1400	1500	Oman, R Sultanate of Oman	English	15140eu			
1400	1500	Pakistan, Azad Kashmir R	Urdu	3975do			
1400	1500	Pakistan, R Pakistan	Urdu	15235me	17520me		
1400	1500	Papua New Guinea, R Buka	Tok Pisin	3325do			
1400	1500	Papua New Guinea, R Central	English/Tok Pisin	3290do			
1400	1500	Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
1400	1500	Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1400	1500	Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
1400	1500	Papua New Guinea, R Western	English/Tok Pisin	3305do			
1400	1500	Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	4800al		
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	13735eu			

1400	1500		Russia, VO Russia	English	4960va 15670as	9900me	11530as	12030as
1400	1500		Russia, VO Russia	Hindi/Urdu	7505as	9445as		
1400	1500		Russia, VO Russia	Russian	15585as			
1400	1500		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
1400	1500		Saudi Arabia, BSKSA/European Pgm	French	17660af			
1400	1500	mtwhf	Singapore, TWR Asia	Korean	11580as			
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	9650af			
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	smtwhf	Spain, R Exterior de Espana	Spanish	11815sa			
1400	1500	Sat	Spain, R Exterior de Espana	Spanish	17755af			
1400	1500	Sun	Spain, R Exterior de Espana	Spanish	15585eu	17715sa		
1400	1500		Spain, R Exterior de Espana	Spanish	21540af	21610me		
1400	1500		Taiwan, R Taiwan Intl	Chinese	6075as	6145as	6180as	7385as
1400	1500		Taiwan, R Taiwan Intl	Indonesian	9735as			
1400	1500		Taiwan, R Taiwan Intl	Russian	15225as			
1400	1500		Taiwan, R Taiwan Intl	Thai	9660as			
1400	1500		Taiwan, R Taiwan Intl	Vietnamese	9625as			
1400	1500		Tajikistan, TR2 Dushanbe/TR3 Farhang	Tajik/Uzbek	4765do			
1400	1500		Tajikistan, VO Tajik	Tajik	7245as			
1400	1500		Turkey, VO Turkey	Arabic	9540va	17770va		
1400	1500		Turkey, VO Turkey	Turkish	9840va			
1400	1500	st	UK, BBC World Service	Bengali	9410as	9610as	11730as	
1400	1500		UK, BBC World Service	Dari	9705as	13660as		
1400	1500		UK, BBC World Service	English	11890as	15310as		
1400	1500	DRM	UK, BBC World Service	English	5845as			
1400	1500	Sat	UK, BBC World Service	Hausa	17780af			
1400	1500		UK, BBC World Service	Somali	15420af	17830af	21470af	
1400	1500		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1400	1500		USA, KJES Vado NM	English	11715na			
1400	1500		USA, KNLS Anchor Point AK	Chinese	7355as			
1400	1500		USA, Overcomer Ministry	English	9370na	9980va	13810va	
1400	1500	mtwhf	USA, Overcomer Ministry	English	9655eu			
1400	1500	fas	USA, Overcomer Ministry	English	9655eu			
1400	1500		USA, R Free Asia	Cantonese	7280as	11715as		
1400	1500		USA, R Free Asia	Vietnamese	9720as	11605as	12130as	13640as
1400	1500		USA, R Free Europe/R Liberty	Russian	12025eu	13745eu	15460eu	
1400	1500		USA, R Free Europe/R Liberty	Tajik	9595as	11975as		
1400	1500		USA, R Free Europe/R Liberty	Turkmen	11825as	15180as		
1400	1500		USA, R Free Europe/R Liberty	Turkmen	13615as	15480as		
1400	1500		USA, R Marti	Spanish	11930ca	13820ca		
1400	1500		USA, RFE/RL/R Farda	Farsi	11540as	12005as	15470as	17880as
1400	1500		USA, VO America	Cantonese	7365as	9355as		
1400	1500		USA, VO America	Chinese	6110as	9845as	11615as	12040as
1400	1500	mtwhf	USA, VO America	English	7575va	12150as	15490as	
1400	1500		USA, VO America	English	4930af	6080af	15580af	
1400	1500		USA, VO America	Korean	7225as	11935as	15775as	
1400	1500		USA, VO America	Kurdish	9850as	17870me		
1400	1500		USA, VO America	Tibetan	9920as	17540as	17740as	
1400	1500		USA, VOA/Deewa R	Pashtun	7495as	9310as	9595as	13690as
1400	1500		USA, WBCQ Monticello ME	English	9330na			
1400	1500	Sat	USA, WBCQ Monticello ME	English	15420na			
1400	1500		USA, WEWN/Irondale AL	English	15610eu			
1400	1500		USA, WEWN/Irondale AL	Spanish	11550ca	12050sa		
1400	1500	Sun	USA, WHRI Cypress Crk SC	English	9795am	9840na	21600af	
1400	1500		USA, WINB Red Lion PA	English	13570am			
1400	1500		USA, WJHR Intl Milton FL	English	15550usb			
1400	1500	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1400	1500		USA, WTWW Lebanon TN	Arabic	12105eu			
1400	1500		USA, WTWW Lebanon TN	English	9479na			
1400	1500		USA, WWCR Nashville TN	English	7490af	9980ca	13845na	15825eu
1400	1500	irreg	USA, WWRB Manchester TN	English	9370na			
1400	1500		Uzbekistan, CVC/The VO 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	Arabic	6135me	9780me		
1400	1500		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1415	1430	Sat/Sun	India, Athmik Yatra R	Banjara	15350as			
1415	1430	wh	India, Athmik Yatra R	Gamit	15350as			
1415	1430	Sat/Sun	India, Athmik Yatra R	Garo	15390as			
1415	1430	mt	India, Athmik Yatra R	Kui	15350as			
1415	1430	f	India, Athmik Yatra R	Kukna	15350as			

1415	1430	whf	India, Athmik Yatra R	Mising	15390as			
1415	1430	mt	India, Athmik Yatra R	Santhali	15390as			
1415	1430	twhfa	India, TWR India	Garhwali	11930as			
1415	1430	fas	India, TWR India	Kurukh	12055as			
1415	1430	mt	India, TWR India	Maghai	12055as			
1415	1430	wh	India, TWR India	Mundari	12055as			
1415	1430		Nepal, R Nepal	English	5005do			
1415	1430	mtwhfa	USA, Pan Am Broadcasting	English	15205as			
1415	1430	ws	Vatican City State, Vatican R	Urdu	11850as	15110as		
1415	1500		India, AIR/External Svc	English/Pashto	9910as	11670as		
1420	1455		Swaziland, TWR Africa	English	6025af			
1425	1455	m	Spain, R Exterior de Espana	Sefardi	15385me			
1425	1455		Swaziland, TWR Africa	Portuguese	7315af			
1430	1445	m	Australia, HCJB Global Australia	Bengali	15340as			
1430	1445	Sat/Sun	Australia, HCJB Global Australia	Chattisghari	15340as			
1430	1445	f	Australia, HCJB Global Australia	Gujarati	15340pa			
1430	1445	w	Australia, HCJB Global Australia	Kuruk	15340pa			
1430	1445	t	Australia, HCJB Global Australia	Marwari	15340pa			
1430	1445	h	Australia, HCJB Global Australia	Telegu	15340pa			
1430	1445	mtw	India, Athmik Yatra R	Dzongkha	15390as			
1430	1445	Sat/Sun	India, Athmik Yatra R	Harayanvi	15350as			
1430	1445	Sat/Sun	India, Athmik Yatra R	Khasi	15390as			
1430	1445	hf	India, Athmik Yatra R	Konyak	15390as			
1430	1445	f	India, Athmik Yatra R	Kotwali	15350as			
1430	1445	h	India, Athmik Yatra R	Mouchi	15350as			
1430	1445	mt	India, Athmik Yatra R	Sambalपुरi	15350as			
1430	1445	w	India, Athmik Yatra R	Varti	15350as			
1430	1445		India, TWR India	Hindi	11930as			
1430	1445	sm	India, TWR India	Sadari	12055as			
1430	1445		UK, FEBA Radio	mixed languages	11880as			
1430	1450		Vatican City State, Vatican R	Hindi	11850as	15110as		
1430	1456		Romania, R Romania Intl	Aromanian	5910eu			
1430	1457		Germany, Deutsche Welle	Urdu	15275as	17860as		
1430	1500		Armenia, Public R of Armenia	Farsi	4810me			
1430	1500		Australia, ABC/R Australia	English	9475va	11835as		
1430	1500		Austria, AWR Europe	Afar	17605af			
1430	1500	Sat	Canada, Bible VO Broadcasting	English	17495as			
1430	1500		China, China R International	Filipino	7325as	11640as	11695as	12110as
1430	1500		China, China R International	Lao	7360as	9675as		
1430	1500		Clandestine, Dem VO of Burma	Burmese	11560as			
1430	1500		Clandestine, Free N Korea R	Korean	11570as			
1430	1500		Clandestine, Furusato no Kaze	Japanese	9960as			
1430	1500	tha	Clandestine, Furusato no Kaze	Amharic	7175af	9705af		
1430	1500		Clandestine, R Sedayee Kashmir	Kashmiri	4870as			
1430	1500		Clandestine, VO Tibet	Tibetan	17535as			
1430	1500		France, R France International	Pashto	15360as			
1430	1500		France, R France International	Persian	17850me			
1430	1500		Germany, Deutsche Welle	Urdu	15215as	15595as		
1430	1500		India, AIR/Delhi	English/Hindi	4870do			
1430	1500		India, AIR/External Svc	Urdu	3945as	6045as		
1430	1500	twhfa	India, TWR India	Sindhi	12055as			
1430	1500		Indonesia, AWR Asia/Pacific	Burmese	15715as			
1430	1500		Indonesia, AWR Asia/Pacific	Pwo Karen	15150as			
1430	1500		Iran, VOIRI	Arabic	17550as	11815as		
1430	1500		Iran, VOIRI	Azeri	11985as			
1430	1500		Iran, VOIRI	Bengali	11700as	13840as	15400as	
1430	1500		Iran, VOIRI	Hindi	13765as	15300as		
1430	1500		Iran, VOIRI	Russian	11955eu	13590eu	13800eu	
1430	1500		Iran, VOIRI/Mashad Prg	Pashto	5890as			
1430	1500		Japan, R Japan/NHK World	Burmese	11740as			
1430	1500		Japan, R Japan/NHK World	Chinese	6190as			
1430	1500		Japan, R Japan/NHK World	Farsi	13680af			
1430	1500		Japan, R Japan/NHK World	Hindi	15745as			
1430	1500		Laos, Lao National R	French	6130as			
1430	1500		Madagascar, AWR Africa	Malagasy	6155af			
1430	1500		Mongolia, VO Mongolia	Chinese	12015as			
1430	1500	Sun	Palau, T8WH/World Harvest R	English	15550as			
1430	1500		Philippines, FEBC Philippines	Uyghur	12085as			
1430	1500		Philippines, R Veritas Asia	Chin	11870as			
1430	1500		Philippines, R Veritas Asia	Telugu	11750as			
1430	1500		Philippines, R Veritas Asia	Urdu	15330as			
1430	1500	mtwhf	UK, BBC World Service	Burmese	7485as	9585as	11945as	
1430	1500		UK, FEBA Radio	Hindi	9500as			
1430	1500		USA, VO America	Burmese	5880as	9320as	11965as	12075as
1430	1500		USA, VO America	Pashto	9335as	15090as	15380as	
1430	1500		USA, VOA/Ashna R	Pashto	9335as	9790as	15090as	
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	15340pa			

1445	1500	Sun	Australia, HCJB Global Australia	Punjabi	15340pa	
1445	1500	Sat	Australia, HCJB Global Australia	Urdu	15340pa	
1445	1500		China, VO Jinling	Chinese	5860do	
1445	1500		India, AIR/External Svc	Bengali	7420as	
1445	1500	Sat/Sun	India, Athmik Yatra R	Bhojpuru	15350as	
1445	1500	mtwhf	India, Athmik Yatra R	Hindi	15350as	
1445	1500	hf	India, Athmik Yatra R	Newari	15390as	
1445	1500	mtw	India, Athmik Yatra R	Sharchopa	15390as	
1445	1500	Sat/Sun	India, Athmik Yatra R	Tibetan (Khams)	15390as	
1445	1500	sm	India, TWR India	Chodri	12055as	
1445	1500	twhf	India, TWR India	Hindi	11930as	
1445	1500	m	India, TWR India	Punjabi	11930as	
1445	1500	mtwhf	Singapore, TWR Asia	Chinese	9975as	
1450	1500		Vatican City State, Vatican R	Tamil	11850as	15110as
1455	1500		Swaziland, TWR Africa	Makhuwa	7315af	
1455	1500	mtwhf	Swaziland, TWR Africa	Malagasy	9585af	
1455	1500		Swaziland, TWR Africa	Shona	6025af	
1456	1500	irreg	Tanzania, Zanzibar BC	Swahili	11735af	

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

1500	1510		Clandestine, R Sedayee Kashmir	Kashmiri	4870as		
1500	1510		Swaziland, TWR Africa	Makhuwa	7315af		
1500	1510		Vatican City State, Vatican R	Tamil	11850as	15110as	
1500	1515		India, AIR/External Svc	Bengali	7420as		
1500	1515	tw	India, Athmik Yatra R	Lepcha	15390as		
1500	1515	hf	India, Athmik Yatra R	Magahi	15390as		
1500	1515	Sat/Sun	India, Athmik Yatra R	Meitei	15390as		
1500	1515	m	India, Athmik Yatra R	Sherpa	15390as		
1500	1515	sm	India, TWR India	Bhili	12055as		
1500	1515	twh	India, TWR India	Gamit	12055as		
1500	1515	ha	India, TWR India	Vasavi	12055as		
1500	1515		Japan, R Japan/NHK World	Hindi	15745as		
1500	1520		USA, R Free Europe/R Liberty	Avar	11900eu	13615eu	
1500	1525	Sat/Sun	Swaziland, TWR Africa	French	9585af		
1500	1525	mtwhf	Swaziland, TWR Africa	Malagasy	9585af		
1500	1525		Swaziland, TWR Africa	Shona	6025af		
1500	1526		Romania, R Romania Intl	Ukranian	5910eu		
1500	1527		Iran, VOIRI	Bengali	11700as	13840as	15400as
1500	1527		Iran, VOIRI	Hindi	13765as	15300as	
1500	1527		Iran, VOIRI	Russian	11955eu	13590eu	13800eu
1500	1527		Iran, VOIRI/Mashad Prg	Pashto	5890as		
1500	1530		Armenia, Public R of Armenia	Yezidi	4810me		
1500	1530		Australia, ABC/R Australia	English	11835as	12065pa	
1500	1530		Australia, HCJB Global Australia	English	15340pa		
1500	1530		Austria, AWR Europe	Turkish	11940as		
1500	1530		China, China R International	Lao	7360as	9675as	
1500	1530		China, China R International	Persian	9570me	9600me	
1500	1530		China, Sichuan PBS-2	Chinese/Tibetan/Yui	6060do	7225do	
1500	1530		Clandestine, Dem VO of Burma	Burmese	11560as		
1500	1530		Clandestine, Furusato no Kaze	Korean	9975as		
1500	1530		Clandestine, Nippon no Kaze	Korean	9975as		
1500	1530		Clandestine, R Tamazuj	Arabic	15150af		
1500	1530		Clandestine, R Tamazuj	Arabic (Darfuri)	15725af		
1500	1530	mtwf/irreg	Clandestine, VO Dem Alliance	Arabic	7235af	9560af	
1500	1530	tha/irreg	Clandestine, VO Dem Alliance	Tigrigna	7235af	9560af	
1500	1530	Sun	Cuba, R Havana Cuba	Esperanto	11760am		
1500	1530		Egypt, R Cairo	Farsi	15790me		
1500	1530		France, R France International	Russian	13630eu	15215eu	
1500	1530		Germany, AWR Europe	Nepali	15735as		
1500	1530		Germany, AWR Europe	Panjabi	15265as		
1500	1530	Sat	Germany, Evangelische Missions-Gemeiden	Russian	11695eu		
1500	1530		Germany, HCJB Germany	German	3995eu	7365eu	
1500	1530		India, AIR/Delhi	English/Hindi	4870do		
1500	1530		India, AIR/External Svc	English/Pashto	9910as	11670as	
1500	1530		India, TWR India	Urdu	7300as		
1500	1530		Indonesia, AWR Asia/Pacific	Karen	11995as		
1500	1530		Indonesia, AWR Asia/Pacific	Mizo	15690as		
1500	1530		Indonesia, AWR Asia/Pacific	Tamil	15680as		
1500	1530		Indonesia, AWR Asia/Pacific	Telugu	15605as		
1500	1530	Sun	Italy, IRRS Shortwave	English	15190va		
1500	1530		Laos, Lao National R	Vietnamese	6130as		
1500	1530		Laos, Lao Natl R/Vientane	Vietnamese	6130do		
1500	1530		Madagascar, AWR Africa	Malagasy	6155af		
1500	1530		Mongolia, VO Mongolia	Japanese	12015as		
1500	1530		Pakistan, R Pakistan	Urdu	15235me	17520me	
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	11755as		

1500	1530	USA, RFE/RL/R Farda	Farsi	17880as			
1500	1530	USA, VO America	Burmese	5880as	9320as	11965as	
1500	1530	USA, VO America	Hausa	12085af	13725af	17690af	
1500	1530	USA, VO America	Pashto	9335as	15090as	15380as	
1500	1530	USA, VO America	Uzbek	9540as	9580as	11920as	15100as
				15290al			
1500	1530	USA, VOA/Ashna R	Pashto	9335as	9790as	15090as	
1500	1530	Vietnam, VO Vietnam/Overseas Svc	English	7285as	9840as	12020as	
1500	1545	UK, BBC World Service	Urdu	11730as			
1500	1550	New Zealand, R New Zealand Intl	English	6170pa			
1500	1555	Saudi Arabia, BSKSA/European Pgm	French	17660af			
1500	1555	Saudi Arabia, BSKSA/External Svc	Turkmen	9885as			
1500	1555	Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	17615af		
1500	1555	mtwhf South Africa, Channel Africa	Swahili	15660af			
1500	1556	DRM Romania, R Romania Intl	Romanian	11910eu	15130eu		
1500	1556	Romania, R Romania Intl	Russian	11620eu			
1500	1556	Romania, R Romania Intl	Russian	9690eu			
1500	1557	Germany, Deutsche Welle	Swahili	9810af	12025af	12070af	
1500	1557	Iran, VOIRI	Uzbek	5950as	11860as		
1500	1557	North Korea, VO Korea	Arabic	9890me	11645af		
1500	1557	North Korea, VO Korea	English	9435na	11710na	13760eu	15245eu
1500	1557	North Korea, VO Korea	Russian	3250eu	9425eu	12015eu	
1500	1600	Angola, R Nac de Angola	Portuguese	4950do			
1500	1600	Anguilla, Caribbean Beacon/Univ Net	English	11775ca			
1500	1600	Australia, ABC/R Australia	English	5940as	5995va	7240pa	9475va
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	Arabic	9745me			
1500	1600	Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as			
1500	1600	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu	7255eu		
1500	1600	Belarus, R Belarus	Russian	11730eu			
1500	1600	Bhutan, Bhutan BC Svc	English	6035do			
1500	1600	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do			
1500	1600	Bolivia, R Eco	Spanish	4410do			
1500	1600	Bolivia, R Fides	Spanish/Aymara	6155do	9625do		
1500	1600	Bolivia, R Illimani/R Patria Nueva	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/Macapá	Portuguese	4915do			
1500	1600	Brazil, R Educacao Rural/Coari	Portuguese	5035do			
1500	1600	Brazil, R Educadora 6 de Agosto	Portuguese	3355do			
1500	1600	Brazil, R Educadora/Limeira	Portuguese	2380do			
1500	1600	Brazil, R Gaucha	Portuguese	11915do			
1500	1600	Brazil, R Gazeta	Portuguese	5955do	9685do		
1500	1600	Brazil, R Guaiba	Portuguese	6000do	11785do		
1500	1600	Brazil, R Guarujá Paulista	Portuguese	5045do			
1500	1600	Brazil, R Imaculada Conceicao	Portuguese	4755do			
1500	1600	Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1500	1600	Brazil, R Itatiaia	Portuguese	5970do			
1500	1600	Brazil, R Maria	Portuguese	4885do			
1500	1600	Brazil, R Marumby	Portuguese	6080do	9515do		
1500	1600	Brazil, R Meteorologia Paulista	Portuguese	4845do			
1500	1600	Brazil, R Mundial	Portuguese	3325do			
1500	1600	Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		

1500	1600		Brazil, R Nove de Julho	Portuguese	9820do				
1500	1600		Brazil, R Novo Tempo	Portuguese	4895do				
1500	1600		Brazil, R Record	Portuguese	6150do	9505do			
1500	1600		Brazil, R Rio Mar	Portuguese	6160do	9695do			
1500	1600		Brazil, R Trans Mundial	Portuguese	9530do	11735do			
1500	1600		Brazil, R Verdes Florestas	Portuguese	4865do				
1500	1600		Brazil, R Voz Missionaria	Portuguese	5940do	9665do			
1500	1600		Brazil, Super R Alvorada	Portuguese	2460do				
1500	1600		Brazil, Super R 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	English/French/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, 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, China R International	Bengali	9610as	9690as			
1500	1600		China, China R International	Chinese	5910as	7255as	7265as	9455as	
					9560as	13680eu	13755eu		
1500	1600		China, China R International	English	5955as	6095me	7325as	7395as	
					9720me	9800as	9870as	13640eu	
					13740na	15245eu			
1500	1600		China, China R International	French	11920af	13670af			
1500	1600		China, China R International	Hindi	7225as	7235as			
1500	1600		China, China R International	Japanese	7220as	9585as			
1500	1600		China, China R International	Nepali	7215as	7250as			
1500	1600		China, China R International	Pashto	9665as	11665as			
1500	1600		China, China R International	Russian	5915as	5965as	5990as	9880eu	
					11790va	13860eu			
1500	1600		China, China R International	Tamil	9490as	11800as			
1500	1600		China, China R International	Turkish	7345me	9565me			
1500	1600		China, China R International	Urdu	7285as				
1500	1600		China, China R International	Vietnamese	9550as				
1500	1600		China, CNR/China Business R	Chinese	3985do	6040do	6065do	6090do	
					6155do	6190do	7245do	7315do	
					7335do				
1500	1600		China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do		
1500	1600		China, CNR/VO Minorities	Kazakh	5955do	6180do	7445do	9630do	
					9645do				
1500	1600		China, CNR/VO Shenzhou	Amoy/Chinese	6165do				
1500	1600		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do		
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, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as			
1500	1600		China, VO Jinling	Chinese	5860do				
1500	1600		China, VO the Strait	Amoy/Hakka	6115do				
1500	1600		China, VO the Strait	Chinese	4940do	9505do			
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	6120do	7205do		
1500	1600		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do		
1500	1600		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1500	1600		Clandestine, Denge Kurdistane	Kurdish	11510as				
1500	1600		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1500	1600		Clandestine, Free N Korea R	Korean	11570as				
1500	1600		Clandestine, N Korea Reform R	Korean	7590as	9830as			
1500	1600		Clandestine, Sound of Hope R Intl	Chinese	9450as				
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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
1500	1600	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1500	1600		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
1500	1600		Cuba, R Rebelde	Spanish	5025na				



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	Albanian	13580af			
1500	1600		Egypt, R Cairo	Arabic	15535af			
1500	1600		Egypt, R Cairo	Pashto	15545as			
1500	1600		Egypt, R Cairo	Uzbek	15160as			
1500	1600	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1500	1600		Eqt 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		5060al	7120al
					7175al			
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/vernaculars	9705do			
1500	1600		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do	5980do		
1500	1600	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu			
1500	1600		France, R France International	Swahili	15410af			
1500	1600		France, R France International	Vietnamese	9565as			
1500	1600		Germany, Deutsche Welle	Swahili	15275af			
1500	1600		Germany, R 6150	English	6070eu			
1500	1600		Germany, R 700 Kurzwellendienst	German	3985eu	6005eu		7310eu
1500	1600		Greece, ERT3/R Sta Macedonia	Greek	9935eu			
1500	1600		Greece, Voice of Greece	Greek	9420eu	9935eu		15650eu
1500	1600		Guatemala, R Verdad	English/Spanish	4055do			
1500	1600	Sun/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	English/Hindi/vernaculars		7295do		
1500	1600		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
1500	1600		India, AIR/Chennai	English/Hindi/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	English/Hindi/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	English/Hindi/vernaculars		4775do		
1500	1600		India, AIR/Itanagar	Hindi/Pradesh/vernaculars		4990do		
1500	1600		India, AIR/Jaipur	English/Hindi/vernaculars		4910do		
1500	1600		India, AIR/Jeyapore	English/Hindi/Odia/Sanskrit		5040do		
1500	1600		India, AIR/Kohima	English/Hindi/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	English/Hindi/vernaculars		4660do		
1500	1600		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1500	1600		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
1500	1600		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1500	1600		India, AIR/Port Blair	English/Hindi/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	English/Hindi/vernaculars		4950do		
1500	1600		India, AIR/Thiruvananthapuram	English/Hindi/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	irreg	Indonesia, VO Indonesia	Chinese	9526as			
1500	1600		Iran, VOIRI	Arabic	11815as	17550as		
1500	1600		Iran, VOIRI	Azeri	11985as			
1500	1600		Iran, VOIRI	Kurdish (Kirmanji dialect)		9870as		
1500	1600		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1500	1600		Japan, R Japan/NHK World	Japanese	9750as	11815as	12045as	17670as
					17765as			
1500	1600		Kuwait, R Kuwait	Arabic	9750af	11630af		21540va
1500	1600	irreg	Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
1500	1600		Kyrgyzstan, SW Relay Svc	Persian	5130as			
1500	1600		Libya, R Libya	Arabic	11600af			
1500	1600		Madagascar, R Natl Malagasy	French/Malagasy	5010do			
1500	1600		Malaysia, RTM Sarawak	Malay	9835do	11665do		
1500	1600		Malaysia, RTM/Traxx FM	English	7295do			
1500	1600		Mali, ORTM/R Mali	English/Arabic/Bambara/French		9635do		
1500	1600		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1500	1600		Mexico, R Educacion	English/Spanish	6185do			
1500	1600		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
1500	1600		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1500	1600	irreg	Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1500	1600		Nigeria, VO Nigeria	English	15120af			
1500	1600		Oman, R Sultanate of Oman	Arabic	15140eu	af		

1500	1600		Pakistan, Azad Kashmir R	Urdu	3975do				
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	English/Tok Pisin	3345do				
1500	1600		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do				
1500	1600		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do				
1500	1600		Papua New Guinea, R Western	English/Tok Pisin	3305do				
1500	1600		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do				
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		Philippines, R Veritas Asia	Tagalog	15320me				
1500	1600		Russia, R Rossii	Russian	13755eu				
1500	1600		Russia, VO Russia	English	4960va	6185as	9900me		
1500	1600		Russia, VO Russia	Hindi/Urdu	7505as	9445as			
1500	1600		Russia, VO Russia	Kurdish	12110me				
1500	1600		Russia, VO Russia	Persian	7525va				
1500	1600		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1500	1600		Saudi Arabia, BSKSA/Call of Islam	Arabic	15225af	15435eu			
1500	1600		Saudi Arabia, BSKSA/External Svc	Farsi	7240as				
1500	1600		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1500	1600		Somalia, R Hargeysa	Somali	7120do				
1500	1600	mtwhf	South Africa, Channel Africa	English	9625af				
1500	1600		South Africa, R Sonder Grense	Afrikaans	9650af				
1500	1600		South Korea, KBS World R	Vietnamese	9640as				
1500	1600	mtwhf	Spain, R Exterior de Espana	Spanish	15385af	17715sa			
1500	1600		Spain, R Exterior de Espana	Spanish	21540af	21610me			
1500	1600	Sat	Spain, R Exterior de Espana	Spanish	11815sa	17715sa	17755af		
1500	1600	Sun	Spain, R Exterior de Espana	Spanish	9765ca	17715sa			
1500	1600	Sat/Sun	Spain, R Exterior de Espana	Spanish	15585eu				
1500	1600	Sat/Sun	Taiwan, R Taiwan Intl	Cantonese	7380as				
1500	1600		Taiwan, R Taiwan Intl	Chinese	6075as	6145as	7385as	7445as	
					9680as				
1500	1600		Taiwan, R Taiwan Intl	Thai	7445as	9660as			
1500	1600		Tajikistan, VO Tajik	Tajik	7245as				
1500	1600	irreg	Tanzania, Zanzibar BC	Swahili	11735af				
1500	1600		Turkey, VO Turkey	Dari-Pashto	11765as				
1500	1600		Turkey, VO Turkey	Persian	9765as				
1500	1600		Turkey, VO Turkey	Turkish	9840va				
1500	1600		UK, BBC World Service	English	7565as	9410as	11675as	11890as	
					12095as	15420af			
1500	1600	DRM	UK, BBC World Service	English	5845as				
1500	1600		UK, BBC World Service	Farsi	6195as	15310as			
1500	1600	Sat	UK, BBC World Service	Hindi	17780af				
1500	1600		UK, BBC World Service	Pashto	9705as	13660as			
1500	1600	Sat	UK, BBC World Service	Somali	21470af				
1500	1600		UK, BBC World Service	Urdu	9510as	12075as	17790as		
1500	1600		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1500	1600		USA, KNLS Anchor Point AK	English	9920as				
1500	1600		USA, Overcomer Ministry	English	9370na	9980va	13810va		
1500	1600	mtwhf	USA, Overcomer Ministry	English	9655eu				
1500	1600	fas	USA, Overcomer Ministry	English	9655eu				
1500	1600		USA, R Free Asia	Korean	5830as	7210as	7455as		
1500	1600		USA, R Free Asia	Mandarin	9455as	9605as	9905as	11520as	
					13675as	13855as	15430as		
1500	1600		USA, R Free Asia	Tibetan	9370as	11580as	11795as	11870as	
1500	1600		USA, R Free Europe/R Liberty	Belarusian	6075eu	6105eu			
1500	1600		USA, R Free Europe/R Liberty	Russian	9520eu	13745eu	15460eu		
1500	1600		USA, R Free Europe/R Liberty	Tajik	11975as	15630as			
1500	1600		USA, R Free Europe/R Liberty	Turkmen	11780as	15180as			
1500	1600		USA, R Marti	Spanish	11930ca	13820ca			
1500	1600		USA, RFE/RL/R Farda	Farsi	11540as	12005as	15470as		

1500	1600		USA, VO America	English	4930af	6080af	7540va	7575va
					12150va	15490as	15580va	17895va
1500	1600		USA, VO America	English/Special	6140as	9400as	9760as	
1500	1600		USA, VOA/Deewa R	Pashtun	7495as	9310as	9355as	13690as
1500	1600		USA, WBCQ Monticello ME	English	9330na			
1500	1600	Sat	USA, WBCQ Monticello ME	English	15420na			
1500	1600		USA, WEWN/Irondale AL	English	15610eu			
1500	1600		USA, WEWN/Irondale AL	Spanish	11550ca	12050sa		
1500	1600		USA, WHRI Cypress Crk SC	English	17510eu			
1500	1600		USA, WINB Red Lion PA	English	13570am			
1500	1600		USA, WJHR Intl Milton FL	English	15550usb			
1500	1600	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1500	1600		USA, 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	irreg	USA, WWRB Manchester TN	English	9370na			
1500	1600		Uzbekistan, CVC/The VO 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		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	7220me	9550me		
1500	1600	irreg	Yemen, Rep of Yemen R	Arabic	9780me			
1500	1600		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1500	1630	Sat	Ecuador, HCJB/LV de los Andes	Chechen	13800eu			
1510	1530		Clandestine, R Sedayee Kashmir	Dogri	4870as			
1510	1530		Vatican City State, Vatican R	Malayalam	11850as	15110as		
1510	1555		Swaziland, TWR Africa	Lomwe	7315af			
1515	1530	fas	India, Athmik Yatra R	Bengali	15390as			
1515	1530	wh	India, Athmik Yatra R	Mundari	15390as			
1515	1530	mt	India, Athmik Yatra R	Tamang	15390as			
1515	1530	hf	India, TWR India	Dhodia	12055as			
1515	1530	tw	India, TWR India	Mouchi	12055as			
1515	1530		Nepal, R Nepal	Nepali	5005do			
1515	1545		Bangladesh, Bangla Betar	Hindi	15505as			
1515	1545		India, TWR India	Punjabi	11930as			
1515	1600		India, AIR/External Svc	Gujarati	11620af	13640af	15175af	
1515	1600		India, AIR/External Svc	Swahili	9950af	13605af	17670af	
1515	1600		Japan, R Japan/NHK World	Urdu	13870as			
1520	1540		USA, R Free Europe/R Liberty	Chechen	11900eu	13615	ey	
1525	1555	Sat/Sun	Swaziland, TWR Africa	English	6025af			
1525	1555	mtwhf	Swaziland, TWR Africa	Ndebele	6025af			
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	15215as			
1530	1545	whf	India, Athmik Yatra R	Maitihili	15215as			
1530	1545	Sat/Sun	India, Athmik Yatra R	Sindhi	15215as			
1530	1550	smtwhf	Vatican City State, Vatican R	English	11850af	15110as		
1530	1550	smtwhf/DRM	Vatican City State, Vatican R	English	17550as			
1530	1556		Romania, R Romania Intl	Serbian	5910eu			
1530	1600		Australia, ABC/R Australia	English	11660as	11880va		
1530	1600		Austria, AWR Europe	Panjabi	15290as			
1530	1600	DRM	Belgium, The Disco Palace	English	15775as			
1530	1600	Sat	Canada, Bible VO Broadcasting	English	17600as			
1530	1600	f	Canada, Bible VO Broadcasting	Urdu	17600as			
1530	1600		China, China R International	Pashto	9570as			
1530	1600		Clandestine, Furusato no Kaze	Korean	9965as			
1530	1600		Clandestine, Nippon no Kaze	Korean	9965as			
1530	1600		Clandestine, R Dabanga	Arabic (Darfuri)	15150af	15725af		
1530	1600	tha/irreg	Clandestine, VO Dem Alliance	Afar	7235af	9560af		
1530	1600	mwf/ireg	Clandestine, VO Dem Alliance	Kunama	7235af	9560af		
1530	1600	Sun/irreg	Clandestine, VO Dem Alliance	Tigrinya	7235af	9560af		
1530	1600		Clandestine, VO Tibet	Tibetan	15485as			
1530	1600	Sat	Ecuador, HCJB/LV de los Andes	Russian	13800eu			
1530	1600		Ethiopia, R Oromiya	Oromo	6030do			
1530	1600	smtwa	Germany, AWR Europe	English	15335as			
1530	1600		Germany, AWR Europe	Hindi	15265as			
1530	1600	hf	Germany, AWR Europe	Tibetan	15335as			
1530	1600		Germany, Missionswerk Heukelbach	German	3995eu	7205al		
1530	1600		Indonesia, AWR Asia/Pacific	Hindi	15605as	15670as		
1530	1600		Indonesia, AWR Asia/Pacific	Kannada	15620as			
1530	1600		Indonesia, AWR Asia/Pacific	Malayalam	15680as			
1530	1600		Indonesia, AWR Asia/Pacific	Maranthi	11995as			
1530	1600		Iran, VOIRI	English	13780va	15515va		
1530	1600		Iran, VOIRI	Kazakh	9940as	11700as		
1530	1600		Iran, VOIRI	Urdu	6060as			
1530	1600		Iran, VOIRI/Mashad Prg	Urdu	6060as			
1530	1600		Japan, R Japan/NHK World	Chinese	6110as	9540as		

1530	1600		Laos, Lao National R	Khmer	6130as			
1530	1600		Mongolia, VO Mongolia	English	12015as			
1530	1600		Myanmar, Myanma R	English	5985do			
1530	1600		Poland, Polish R/External Svc	Polish	9400eu			
1530	1600		Taiwan, R Taiwan Intl	Hakka	11605as			
1530	1600		Turkey, VO Turkey	Azerbaijan	9530as			
1530	1600		UK, FEBA Radio	Pashto	11755as			
1530	1600		USA, RFE/RL/R Farda	Farsi	9390as			
1530	1600		USA, VO America	Burmese	5880as	9320as		
1530	1600		USA, VO America	Dari	9335as	15090as	15380as	
1530	1600		USA, VOA/Ashna R	Dari	9335as	9790		15090as
1530	1600		Vatican City State, Vatican R	Arabic	11935as	15595me		
1530	1600	Sat	Vatican City State, Vatican R	English	11850as	15110as	17550as	
1530	1600		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
1540	1600		USA, R Free Europe/R Liberty	Circassian	11900eu	13615as		
1545	1600	whf	India, Athmik Yatra R	Bagheli	15215as			
1545	1600	mt	India, Athmik Yatra R	Bundelkhandi	15215as			
1545	1600	Sat	India, Athmik Yatra R	Dari	15215as			
1545	1600	Sun	India, Athmik Yatra R	Pashto	15215as			
1545	1600	twhfa	India, TWR India	Punjabi	11930as			
1545	1600	Sun	Swaziland, TWR Africa	Shangaan	4760af			
1545	1600		UK, BBC World Service	Tamil	9500as	13830as	15690as	
1550	1600		Vatican City State, Vatican R	Armenian	11715as	15370as		
1551	1600		New Zealand, R New Zealand Intl	English	7330pa			
1551	1600	DRM	New Zealand, R New Zealand Intl	English	6135pa			
1555	1600	mtwhf	Swaziland, TWR Africa	Kirundi	15105af			
1555	1600		Swaziland, TWR Africa	Shona	6025af			

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

1600	1605		China, China Natl R/CNR11	Tibetan	4905do	4920do	5240do	6010do
1600	1605		China, CNR/China Business R	Chinese	7350do	7360do	9480do	
					3985do	6040do	6065do	6090do
					6155do	6190do	7315do	7335do
					7370do			
1600	1605		China, CNR/VO Shenzhou	Amoy/Chinese	6165do			
1600	1605		China, Nei Menggu PBS	Chinese	7420do	9520do		
1600	1605		China, Nei Menggu PBS	Mongolian	6040do	7270do	9750do	
1600	1605		China, Xizang PBS	Chinese	6145do	9780do		
1600	1610		Indonesia, RRI Palangkaraya	Indonesian	3325do			
1600	1610		Vatican City State, Vatican R	Armenian	11715as	15370as		
1600	1615		India, AIR/External Svc	Swahili	9950af	13605af	17670af	
1600	1615	mtw	India, Athmik Yatra R	Awadhi	15215as			
1600	1615	Sat	India, Athmik Yatra R	Dari	15215as			
1600	1615	hf	India, Athmik Yatra R	Sadri	15215as			
1600	1615		India, TWR India	Pashto	7300as			
1600	1615	twhfa	India, TWR India	Punjabi	11930as			
1600	1615	Sun	Swaziland, TWR Africa	Shangaan	4760af			
1600	1615		UK, BBC World Service	Tamil	9500as	11830as	15690as	
1600	1615		Vatican City State, Vatican R	French	15595me			
1600	1615	Sat	Vatican City State, Vatican R	Swahili	13765af	15570af		
1600	1620	Sat/Sun	Clandestine, Sudan R Service	Arabic	17745af			
1600	1625		Swaziland, TWR Africa	Shona	6025af			
1600	1626		Romania, R Romania Intl	Italian	5910eu			
1600	1627		Iran, VOIRI	Arabic	17550as			
1600	1627		Iran, VOIRI	English	13780va	15515va		
1600	1627		Iran, VOIRI	Kazakh	9940as	11700as		
1600	1627		Iran, VOIRI	Kurdish (Kirmanji dialect)		9870as		
1600	1627		Iran, VOIRI	Urdu	6060as			
1600	1630		Australia, ABC/R Australia	English	9540as			
1600	1630		Austria, AWR Europe	Urdu	15260as			
1600	1630		Bangladesh, Bangla Betar	Arabic	7250me			
1600	1630	DRM	Belgium, The Disco Palace	English	15775as			
1600	1630	smhf	Canada, Bible VO Broadcasting	Oromo	17515af			
1600	1630		Clandestine, Free N Korea R	Korean	11570as			
1600	1630		Clandestine, Furusato no Kaze	Japanese	9780as			
1600	1630		Clandestine, R Dabanga	Arabic (Darfuri)	15150af	15725af		
1600	1630	mf	Clandestine, R Ranginkaman	Farsi	7575as			
1600	1630	mtwhf	Clandestine, R Xoriyo	Somali	17870af			
1600	1630	ta	Clandestine, R Xoriyo	Somali	17870af			
1600	1630	mtwh	Clandestine, Sudan R Service	Arabic	17745af			
1600	1630		Germany, AWR Europe	Bulgarian	9830eu			
1600	1630		Germany, HCJB Germany	German (Low)	3995eu	7365eu		
1600	1630		Germany, R 700 Kurzwelldienst	German	6005eu			
1600	1630		India, AIR/Aizawl	English/Hindi/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	15360as			
1600	1630		Indonesia, AWR Asia/Pacific	Urdu	15285as			

1600	1630		Japan, R Japan/NHK World	Chinese	9720as				
1600	1630		Myanmar, Myanma R	English	5985do				
1600	1630	irreg	Nigeria, VO Nigeria	Swahili	11770af				
1600	1630	Sun	Palau, T8WH/World Harvest R	English	15505as				
1600	1630		Poland, Polish R/External Svc	Polish	9400eu				
1600	1630	mtwhf	Swaziland, TWR Africa	Kirundi	15105af				
1600	1630	Sat	Swaziland, TWR Africa	Shangaan	4760af				
1600	1630	mtwhf	Swaziland, TWR Africa	Tshwa	4760af				
1600	1630		Turkey, VO Turkey	Azerbaijan	9530as				
1600	1630		Turkey, VO Turkey	Dari-Pashto	11765as				
1600	1630		UK, BBC World Service	Hindi	7600as	9605as	9700as	15710as	
1600	1630		UK, FEBA Radio	Afar	11655af				
1600	1630	hfas	UK, FEBA Radio	Amharic	12125af				
1600	1630	mtw	UK, FEBA Radio	Guaragena	12125af				
1600	1630		USA, R Free Asia	Mandarin	5890as	9455as	9905as	11520as	
					11870as	13675as	15430as		
1600	1630		USA, VO America	Burmese	5880as	9320as			
1600	1630		USA, VO America	Dari	9335as	15090as	15280as		
1600	1630	Sat	USA, VO America	Kinyarwanda/Kirunda	12080af	15460af	17530af		
1600	1630	Sat/Sun	USA, VO America	Somali	12055af	15620af			
1600	1630		USA, VOA/Ashna R	Dari	9335as	9790as	15090as		
1600	1630	smtwhf	Vatican City State, Vatican R	Swahili	13795af	15570af			
1600	1630		Vietnam, VO Vietnam/Overseas Svc	English	7220me	7280eu	9550me	9730eu	
1600	1650		Greece, Voice of Greece	Greek	9935eu				
1600	1650	DRM	New Zealand, R New Zealand Intl	English	6135pa				
1600	1650		New Zealand, R New Zealand Intl	English	7330pa				
1600	1655		Saudi Arabia, BSKSA/External Svc	Uzbek	9885as				
1600	1655	mtwhf	South Africa, Channel Africa	French	15235af				
1600	1656		Romania, R Romania Intl	French	9800eu	11915af			
1600	1656	DRM	Romania, R Romania Intl	Romanian	7315eu				
1600	1656		Romania, R Romania Intl	Romanian	9810eu				
1600	1657		Germany, Deutsche Welle	Amharic	9800af	11800af	15275af		
1600	1657		Iran, VOIRI	Azeri	11985as				
1600	1657		North Korea, VO Korea	English	9890va	11645va			
1600	1657		North Korea, VO Korea	French	9435na	11710na	13760eu	15245eu	
1600	1657		North Korea, VO Korea	German	3250eu	9425eu	12015eu		
1600	1700		Angola, R Nac de Angola	Portuguese	4950do				
1600	1700		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
1600	1700		Australia, ABC/R Australia	English	5940as	5995va	7240pa	9475va	
					11660as	11880va			
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	Arabic	9745me				
1600	1700		Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as				
1600	1700		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu	7255eu			
1600	1700		Belarus, R Belarus	Polish	11730eu				
1600	1700		Bhutan, Bhutan BC Svc	English	6035do				
1600	1700		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1600	1700		Bolivia, R Eco	Spanish	4410do				
1600	1700		Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
1600	1700		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1600	1700		Bolivia, R Lipez	Spanish/Aymara	4796do				
1600	1700		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
1600	1700		Bolivia, R San Jose	Spanish	5580do				
1600	1700		Bolivia, R San Miguel	Spanish	4699do				
1600	1700		Bolivia, R Santa Ana	Spanish	4451do				
1600	1700		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
1600	1700		Bolivia, R Tacana	Spanish	4782do				
1600	1700		Brazil, Educadora/Braganca	Portuguese	4825do				
1600	1700		Brazil, R Alvorada/Londrina	Portuguese	4865do				
1600	1700		Brazil, R Anhanguera	Portuguese	4905do				
1600	1700		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do	
1600	1700		Brazil, R Bandeirantes	Portuguese	6090do	9645do			
1600	1700		Brazil, R 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/Macapa	Portuguese	4915do				

1600	1700		Brazil, R Educacao Rural/Coari	Portuguese	5035do				
1600	1700		Brazil, R Educadora 6 de Agosto	Portuguese	3355do				
1600	1700		Brazil, R Educadora/Limeira	Portuguese	2380do				
1600	1700		Brazil, R Gaucha	Portuguese	11915do				
1600	1700		Brazil, R Gazeta	Portuguese	5955do	9685do			
1600	1700		Brazil, R Guaiaba	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	English/French/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	Arabic	9555af	11725af	12065me	13790va	
1600	1700		China, China R International	English	6060as	7235as	9570af	11900af	
					11940eu	11965eu	13760eu	15250va	
1600	1700		China, China R International	French	11690eu				
1600	1700		China, China R International	German	5970eu	7380eu			
1600	1700		China, China R International	Hakka	9770af	11880af			
1600	1700		China, China R International	Hindi	5915as	7395as			
1600	1700		China, China R International	Russian	11875va	13580va	13860eu		
1600	1700		China, China R International	Swahili	5985af	7245af			
1600	1700		China, China R International	Turkish	6165me	7325me			
1600	1700		China, China R International	Vietnamese	7315as	9550as			
1600	1700		China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do		
1600	1700		China, CNR/VO Minorities	Kazakh	5955do	6180do	7445do	9630do	
					9645do				
1600	1700		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do		
1600	1700		China, Hunan PBS	Chinese	3900do				
1600	1700		China, VO Jinling	Chinese	5860do				
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	6120do	7205do		
1600	1700		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do		
1600	1700		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1600	1700		Clandestine, Denge Kurdistane	Kurdish	11510as				
1600	1700		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1600	1700	mtw	Clandestine, R Al-Shoroq	Arabic	11610af				
1600	1700		Clandestine, R Dialogue	English/Ndebele/Shona		12105af			
1600	1700	mtw	Clandestine, R Shoroug/R Sunrise	Arabic	11610af				
1600	1700		Clandestine, Sound of Hope R Intl	Chinese	11765as				
1600	1700	f	Clandestine, Sudan R Service	Arabic	17745af				
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	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
1600	1700	irreg	Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1600	1700		Congo Rep, TDC/R Congo	French/Lingala/vernaculars		6115do			
1600	1700		Cuba, R Rebelde	Spanish	5025na				

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	Afar	15450af			
1600	1700		Egypt, R Cairo	English	15345af			
1600	1700		Egypt, R Cairo	Swahili	17840af			
1600	1700		Egypt, R Cairo	Urdu	15735as			
1600	1700	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1600	1700		Eq 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	5060al	7120al
					7175al	9715al		
1600	1700		Ethiopia, Amhara State Regional R	Amharic	6090do			
1600	1700	irreg	Ethiopia, R Ethiopia/Intl Svc	English	7235va	9560va		
1600	1700		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
1600	1700		Ethiopia, R Oromiya	Oromo	6030do			
1600	1700		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do	5980do		
1600	1700	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu			
1600	1700		France, R France International	Hausa	17615af			
1600	1700		Germany, Deutsche Welle	Amharic	12070af	21650af		
1600	1700		Germany, R 6150	English	6070eu			
1600	1700		Germany, R 700 Kurzwellendienst	German	3985eu			
1600	1700		Guatemala, R Verdad	English/Spanish	4055do			
1600	1700	Sun/irreg	Guinea, RTV Guinee	French/vernacular	7125do			
1600	1700		Honduras, HRMI/ R Misiones Intl	Spanish	3340do			
1600	1700		India, AIR/Bhopal	English/Hindi/Sanskrit/Urdu		4810do		
1600	1700		India, AIR/Chennai	English/Hindi/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	English/Hindi/vernaculars	4775do			
1600	1700		India, AIR/Jaipur	English/Hindi/vernaculars	4910do			
1600	1700		India, AIR/Jeypore	English/Hindi/Odia/Sanskrit	5040do			
1600	1700		India, AIR/Kohima	English/Hindi/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	English/Hindi/vernaculars		4660do		
1600	1700		India, AIR/Lucknow	Hindi/Sanskrit/Urdu	4880do			
1600	1700		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
1600	1700		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
1600	1700		India, AIR/Port Blair	English/Hindi/Nicobarese		4760do		
1600	1700		India, AIR/Shimla	Hindi/Sanskrit/Urdu	6020do			
1600	1700		India, AIR/Srinagar	English/Hindi/vernaculars		4950do		
1600	1700		India, AIR/Thiruvananthapuram	English/Hindi/Sanskrit/Tamil		5010do		
1600	1700		India, AIR/Vivdh Bharati	Hindi	9870do			
1600	1700	irreg	Indonesia, RRI Pontianak	Indonesian	3976do			
1600	1700		Indonesia, VO Indonesia	Arabic	9526me			
1600	1700		Iran, VOIRI	Arabic	11815as			
1600	1700		Iran, VOIRI	Tajik	5950as	7435as		
1600	1700		Iran, VOIRI	Turkish	5985as	7210as		
1600	1700		Iran, VOIRI/Mashad Prg	Urdu	6060as			
1600	1700		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1600	1700		Japan, R Japan/NHK World	Japanese	9750as	11815as	12045as	13710as
					17765as			
1600	1700		Kuwait, R Kuwait	Arabic	6050me	21540va		
1600	1700		Kuwait, R Kuwait	Urdu	15540as			
1600	1700	irreg	Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do		
1600	1700		Kyrgyzstan, SW Relay Svc	Persian	5130as			
1600	1700		Libya, R Libya	Arabic	11600af			
1600	1700		Madagascar, R Natl Malagasy	French/Malagasy	5010do			
1600	1700		Malaysia, RTM Sarawak	Malay	9835do	11665do		
1600	1700		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
1600	1700		Malaysia, RTM/Traxx FM	English	7295do			
1600	1700		Mali, ORTM/R Mali	English/Arabic/Bambara/French		9635do		
1600	1700		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1600	1700		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
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	15140eu			
1600	1700		Pakistan, Azad Kashmir R	Urdu	3975do			
1600	1700		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	13755eu				
1600	1700		Russia, VO Russia	Arabic	12110me				
1600	1700		Russia, VO Russia	English	4960va	6035as	6185as	9490as	
1600	1700		Russia, VO Russia	French	9900af	11635af			
1600	1700		Russia, VO Russia	Persian	7525va				
1600	1700		Russia, VO Russia	Russian	5975as				
1600	1700		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1600	1700		Saudi Arabia, BSKSA/Call of Islam	Arabic	15225af	15435eu			
1600	1700		Saudi Arabia, BSKSA/External Svc	Farsi	7240as				
1600	1700		Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	15205eu	17560af		
1600	1700		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1600	1700		Somalia, R Hargeysa	Somali	7120do				
1600	1700		South Africa, R Sonder Grense	Afrikaans	9650af				
1600	1700		South Korea, KBS World R	English	9515eu	9640as			
1600	1700		South Korea, KBS World R	Indonesian	9805as				
1600	1700		South Korea, KBS World R	Korean	7275eu				
1600	1700		Spain, R Exterior de Espana	Spanish	21540af	9740va	21610me		
1600	1700	mtwhf	Spain, R Exterior de Espana	Spanish	15385af	17715sa			
1600	1700	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa	17755af	
1600	1700	Sun	Spain, R Exterior de Espana	Spanish	7275eu	9765ca	17715sa		
1600	1700		Taiwan, R Taiwan Intl	Chinese	6075as	7365as	7385as		
1600	1700		Taiwan, R Taiwan Intl	English	6180as	15485as			
1600	1700		Tajikistan, VO Tajik	Farsi	7245me				
1600	1700	irreg	Tanzania, Zanzibar BC	Swahili	11735af				
1600	1700		Turkey, VO Turkey	Turkish	5960va	9460eu			
1600	1700		UK, BBC World Service	English	3255af	6190as	7565as	9410as	
					11675as	11890as	12095as	15420af	
					17640af	17830af			
1600	1700	DRM	UK, BBC World Service	English	5845as				
1600	1700		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1600	1700		USA, KNLS Anchor Point AK	Russian	9655as				
1600	1700		USA, Overcomer Ministry	English	9370na	9980va			
1600	1700		USA, R Free Asia	Korean	5830as	7210as	7455as		
1600	1700		USA, R Free Asia	Uyghur	9370as	9555as	9975as	11595as	
1600	1700		USA, R Free Europe/R Liberty	Belarusian	6105eu	7270eu			
1600	1700		USA, R Free Europe/R Liberty	Russian	5995eu	9840eu	11845eu		
1600	1700		USA, R Free Europe/R Liberty	Tajik	9760as	11975as			
1600	1700		USA, R Free Europe/R Liberty	Turkmen	7555as	11780as			
1600	1700		USA, R Marti	Spanish	11930ca	13820ca			
1600	1700		USA, RFE/RL/R Farda	Farsi	9390as	11540as	12005as	15470as	
1600	1700		USA, VO America	Bangla	7475as	11790as			
1600	1700		USA, VO America	English	4930af	6080af	15580af		
1600	1700		USA, VO America	English/Special	11915va	13570af	15470va	17895va	
1600	1700		USA, VO America	Tibetan	7545as	9565as	17485as		
1600	1700		USA, VOA/Deewa R	Pashtun	7495as	9310as	9355as	9965as	
1600	1700		USA, WBCQ Monticello ME	English	9330na				
1600	1700	Sat	USA, WBCQ Monticello ME	English	15420na				
1600	1700		USA, WEWN/Irondale AL	English	15610eu				
1600	1700		USA, WEWN/Irondale AL	Spanish	11550ca	12050sa			
1600	1700		USA, WHRI Cypress Crk SC	English	21630af				
1600	1700		USA, WINB Red Lion PA	English	13570am				
1600	1700		USA, WJHR Intl Milton FL	English	15550usb				
1600	1700	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
1600	1700		USA, WTWW Lebanon TN	Arabic	12105eu				
1600	1700		USA, WTWW Lebanon TN	English	9479na				
1600	1700		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu	
1600	1700	irreg	USA, WWRB Manchester TN	English	9370na				
1600	1700		Uzbekistan, CVC/The VO 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		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
1600	1700	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af			
1610	1640		Vatican City State, Vatican R	Russian	11715eu	15370eu			
1615	1630		India, Athmik Yatra R	Hindi	15215as				
1615	1630	twhfa	India, TWR India	Pashto	7300as				
1615	1630		Nepal, R Nepal	Hindi	5005do				
1615	1630		Vatican City State, Vatican R	English	15595me				



1615	1630	Sat	Vatican City State, Vatican R	Somali	13795af	15570af		
1615	1645	Sun	Swaziland, TWR Africa	Tshwa	4760af			
1615	1700	Sat	Canada, Bible VO Broadcasting	Oromo	17515af			
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			
1620	1635	Sun	Clandestine, Sudan R Service	Masalit	17745af			
1620	1635	Sat	Clandestine, Sudan R Service	Zaghawa	17745af			
1630	1645	sf	Canada, Bible VO Broadcasting	Tamil	15215as			
1630	1645	mh	Clandestine, Sudan R Service	Fur	17745af			
1630	1645	w	Clandestine, Sudan R Service	Masalit	17745af			
1630	1645	t	Clandestine, Sudan R Service	Zaghawa	17745af			
1630	1645	m	Swaziland, TWR Africa	Amharic	11725af			
1630	1645	fs	Swaziland, TWR Africa	Kambaata	11725af			
1630	1645	mh	Swaziland, TWR Africa	Portuguese	4760af			
1630	1645	twfa	Swaziland, TWR Africa	Shangaan	4760af			
1630	1645		Switzerland, R Freundes-Dienst	German	6005eu			
1630	1645	Sun	UAE, TWR Africa	Somali	11635af			
1630	1645		Vatican City State, Vatican R	Amharic	13765af	15570af		
1630	1656		Romania, R Romania Intl	Aromanian	5910eu			
1630	1700		Austria, AWR Europe	Farsi	15150as			
1630	1700		Bangladesh, Bangla Betar	Bengali	7250me			
1630	1700	Sun	Canada, Bible VO Broadcasting	Amharic	17515af			
1630	1700		Canada, Bible VO Broadcasting	Persian	12150as			
1630	1700		China, China R International	Hausa	9620af	9665af		
1630	1700		China, Xizang PBS	English/Tibetan	4905do	6200do		
1630	1700		Germany, AWR Europe	Somali	17575af			
1630	1700		Germany, HCJB Germany	German	3995eu	7365eu		
1630	1700	mwf	Indonesia, AWR Asia/Pacific	English	15360as			
1630	1700	stha	Indonesia, AWR Asia/Pacific	Sindhi	15360as			
1630	1700		Iran, VOIRI	Arabic	12080as			
1630	1700		Iran, VOIRI	Armenian	7230eu	9655eu		
1630	1700		Iran, VOIRI	Bengali	11825as	13730as		
1630	1700		Iran, VOIRI	Pashto	6005as	7340as		
1630	1700	irreg	Nigeria, VO Nigeria	Yoruba	9690af			
1630	1700		Poland, Polish R/External Svc	Belarusian	9400eu			
1630	1700	m	South Africa, SA Radio League	English	3230af			
1630	1700	mtwa	Sri Lanka, SLBC	Sinhala	11750as			
1630	1700		Sudan, VO Africa/Sudan R	Fremch	9505af			
1630	1700	twh	Swaziland, TWR Africa	Oromo	11725af			
1630	1700		Turkey, VO Turkey	English	15520as			
1630	1700		Turkey, VO Turkey	Spanish	11930va			
1630	1700	mtwhf	UAE, TWR Africa	Somali	11635af			
1630	1700		UK, BBC World Service	Bengali	5875as	7465as	9540as	
1630	1700	mtwhf	UK, BBC World Service	Krwanda/Krundi	11860af	15790af		
1630	1700		UK, BBC World Service	Sinhala	9500af	13830af	15690af	
1630	1700		UK, FEBA Radio	Amharic	12125af			
1630	1700	hfa	UK, FEBA Radio	Amharic	9820af			
1630	1700	smtw	UK, FEBA Radio	Tigrinya	9820af			
1630	1700		USA, R Free Asia	Burmese	9940as			
1630	1700		USA, R Free Asia	Mandarin	5890as	9725as	9905as	11550as
					11870as	13675as	15430as	
1630	1700	mtwhf	USA, VO America	English	11905af			
1630	1700		USA, VO America	Pashto	9335as	11565as	11580as	
1630	1700	f	USA, VO America	Portuguese	9825af	15720af		
1630	1700		USA, VO America	Somali	12055af	15620af		
1630	1700		USA, VO America	Swahili	11835af	15265af	15460af	
1630	1700	mtwhf	USA, VO America/S Sudan in Focus	English	9490af	11655af	13870af	
1630	1700		USA, VOA/Ashna R	Pashto	9335as	9790as	11580as	
1630	1700		Vietnam, VO Vietnam/Overseas Svc	French	7220me	9550me		
1630	1700		Vietnam, VO Vietnam/Overseas Svc	Russian	7280as	9730as		
1635	1700	Sat/Sun	Clandestine, Sudan R Service	Arabic	17745af			
1640	1700		Vatican City State, Vatican R	Ukranian	11715eu	15370eu		
1645	1700	mtwh	Clandestine, Sudan R Service	Arabic	17745af			
1645	1700		Germany, R 700 Kurzwellendienst	German	6005eu			
1645	1700	fa	Swaziland, TWR Africa	Hadiya	11725af			
1645	1700		Swaziland, TWR Africa	Ndau	3240af			
1645	1700	smt	Swaziland, TWR Africa	Oromo	11725af			
1645	1700		Vatican City State, Vatican R	Tigrinya	13765af	15570af		
1651	1700		New Zealand, R New Zealand Intl	English	730pa			
1651	1700	DRM	New Zealand, R New Zealand Intl	English	6135pa			
1655	1700	mtwhf	Canada, Bible VO Broadcasting	Arabic	13810me			

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

1700	1705	China, CNR/VO Minorities	Kazakh	5955do 9645do	6180do	7445do	9630do
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1700	1705		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	9410do	9665do		
1700	1705		China, VO Jinling	Chinese	5860do				
1700	1710	irreg	Congo Dem Rep, R Kahuzi	English/French/Swahili		6210do			
1700	1710		Pakistan, R Pakistan	English	11570eu	15265eu			
1700	1715		Bangladesh, Bangla Betar/Home Svc	English/Bengali	4750as				
1700	1715	Sat	Canada, Bible VO Broadcasting	Arabic	13810me				
1700	1715		Canada, Bible VO Broadcasting	Arabic	13720me				
1700	1715	ff	Canada, Bible VO Broadcasting	English	15215me				
1700	1715		India, AIR/External Svc	Russian	9595eu				
1700	1715	DRM	India, AIR/External Svc	Russian	15140eu				
1700	1715	Sun	Swaziland, TWR Africa	Amharic	11725af				
1700	1720	mthf	Canada, Bible VO Broadcasting	Arabic	13580me				
1700	1720	Sat/Sun	USA, VOA/Studio 7	Shona	4930af	5940af	15455af		
1700	1720		Vatican City State, Vatican R	Belarusian	11715eu				
1700	1726		Romania, R Romania Intl	Ukrainian	5910eu				
1700	1727		Iran, VOIRI	Arabic	11815as				
1700	1727		Iran, VOIRI	Armenian	7230eu	9655eu			
1700	1727		Iran, VOIRI	Pashto	6005as	7340as			
1700	1727		Iran, VOIRI	Tajik	5950as	7435as			
1700	1727		Iran, VOIRI	Turkish	5985as	7210as			
1700	1727		Iran, VOIRI/Mashad Prg	Urdu	6060as				
1700	1730		Albania, R Tirana	Italian	7465eu				
1700	1730		Australia, ABC/R Australia	English	11660as				
1700	1730		Bangladesh, Bangla Betar	Bengali	7250me				
1700	1730	Sat	Canada, Bible VO Broadcasting	Amharic	17515af				
1700	1730	h	Canada, Bible VO Broadcasting	English	15215me				
1700	1730	mwf	Canada, Bible VO Broadcasting	Tigringya	17515af				
1700	1730		China, China R International	Hausa	9620af	9665af			
1700	1730		Clandestine, R Erena	Afar/Oromo	11560af				
1700	1730		Clandestine, Sudan R Service	Arabic	17745af				
1700	1730		Clandestine, VO Martyrs (Freedom)	Korean	7515as				
1700	1730	w	Clandestine, VO Oromo Liberation/SBO	Oromo	13810af				
1700	1730		Egypt, R Cairo	Somali	15285af				
1700	1730	Sat/Sun	Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do	5980do			
1700	1730		France, R France International	Portuguese	9870af				
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	English/Hindi/Marathi	4840do				
1700	1730	irreg	Nigeria, VO Nigeria	Igbo	9690af				
1700	1730		Poland, Polish R/External Svc	Belarusian	9400eu				
1700	1730		South Africa, AWR Africa	Kiswahili	9600as				
1700	1730	m	South Africa, SA Radio League	English	3230af				
1700	1730	mtwhf	Spain, R Exterior de Espana	Russian	15325eu				
1700	1730		Sudan, VO Africa/Sudan R	French	9505af				
1700	1730	mtwhfa	Swaziland, TWR Africa	Amharic	11725af				
1700	1730		Turkey, VO Turkey	English	15520as				
1700	1730		Turkey, VO Turkey	Spanish	11930va				
1700	1730		UK, BBC World Service	Dari	5875as	7425as	13660as		
1700	1730		UK, FEBA Radio	Orominya	9630af				
1700	1730		UK, FEBA Radio	Somali	6180af				
1700	1730		USA, R Free Asia	Burmese	9940as				
1700	1730		USA, RFE/RL/R Farda	Farsi	9390as				
1700	1730		USA, VO America	Pashto	9335as	11565as	11580as		
1700	1730		USA, VOA/Ashna R	Pashto	9335as	9790as	11580as		
1700	1730	mtwhf	USA, VOA/Studio 7	Shona	4930af	5940af	15455af		
1700	1730		Vatican City State, Vatican R	French	13765af	15570af			
1700	1730		Vietnam, VO Vietnam/Overseas Svc	English	9625eu				
1700	1735	w	Canada, Bible VO Broadcasting	Arabic	13580me				
1700	1735		China, CNR/VO China	Chinese	4750do	4800do	6000do	6030do	
					6080do	6125do	6145do	6175do	
					7215do	7230do	7275do	7290do	
					7345do	7365do	9500do	9710do	
					9830do	9845do	9860do		
1700	1735		India, AIR/External Svc	Urdu	3945as				
1700	1735		Swaziland, TWR Africa	Yao	7300af				
1700	1739		India, AIR/Chennai	English/Hindi/Tamil	4920do				
1700	1739		India, AIR/Srinagar	English/Hindi/vernaculars		4950do			
1700	1740		India, AIR/Jeypore	English/Hindi/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	English/Hindi/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	English/Hindi/Sanskrit/Urdu		4810do			
1700	1742		India, AIR/Hyderabad	Hindi/Sanskrit/Telegu/Urdu		4800do			
1700	1744		India, AIR/Kolkata	Bengali/Hindi/Santhoni		4820do			
1700	1745	t	Canada, Bible VO Broadcasting	Arabic	13810me				

1700	1745	DRM	New Zealand, R New Zealand Intl	English	6135pa			
1700	1745		New Zealand, R New Zealand Intl	English	7330pa			
1700	1745		Swaziland, TWR Africa	Swahili	9475af			
1700	1755		Saudi Arabia, BSKSA/External Svc	Farsi	7240as			
1700	1755		Saudi Arabia, BSKSA/External Svc	Tajik	9885as			
1700	1755		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	15225af	15435eu		
1700	1755		Saudi Arabia, BSKSA/Quran Pgm	Arabic	13710af	15205eu	17560af	
1700	1755	mtwhf	South Africa, Channel Africa	English	15235af			
1700	1755		South Africa, R Sonder Grense	Afrikaans	9650af			
1700	1756	DRM	Romania, R Romania Intl	English	9535eu			
1700	1756		Romania, R Romania Intl	English	11740eu			
1700	1756		Romania, R Romania Intl	Romanian	9500eu	11975eu		
1700	1757		Germany, Deutsche Welle	French	9810af	12070af	15275af	
1700	1757		Iran, VOIRI	Russian	7350eu	9800eu		
1700	1757		North Korea, Korean Central BC Sta	Korean	9435na	11710na	13760eu	15245eu
1700	1757		North Korea, VO Korea	Arabic	9890me	11645af		
1700	1757		North Korea, VO Korea	Russian	3250eu	9425eu	12015eu	
1700	1800		Angola, R Nac de Angola	Portuguese	4950do			
1700	1800		Anguilla, Caribbean Beacon/Univ Net	English	11775ca			
1700	1800	mtwhf	Argentina, RAE	German	15345eu			
1700	1800		Australia, ABC/R Australia	English	5995va	9475as	9500va	9580pa
					11880va			
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	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	9625do		
1700	1800		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
1700	1800		Bolivia, R Lipez	Spanish/Aymara	4796do			
1700	1800		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
1700	1800		Bolivia, R San Miguel	Spanish	4699do			
1700	1800		Bolivia, R Santa Ana	Spanish	4451do			
1700	1800		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
1700	1800		Bolivia, R Tacana	Spanish	4782do			
1700	1800		Brazil, Educadora/Braganca	Portuguese	4825do			
1700	1800		Brazil, R Alvorada/Londrina	Portuguese	4865do			
1700	1800		Brazil, R Anhanguera	Portuguese	4905do			
1700	1800		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1700	1800		Brazil, R 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	sth	Canada, Bible VO Broadcasting	Amharic	17515af				
1700	1800	smwhf	Canada, Bible VO Broadcasting	Arabic	13810me				
1700	1800	Sat/Sun	Canada, Bible VO Broadcasting	English	15215me				
1700	1800		Canada, Bible VO Broadcasting	Persian	12150as				
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, China R International	Arabic	9555af	11725af	12065me		
1700	1800		China, China R International	Cantonese	9435af	9770af			
1700	1800		China, China R International	Croatian	9435eu	11825eu			
1700	1800		China, China R International	English	6090as	6140as	6165me	7235as	
					7265af	7410as	7420as	9570as	
					9695eu	11900af	13570eu	13760eu	
1700	1800		China, China R International	Esperanto	11650eu				
1700	1800		China, China R International	French	11690eu				
1700	1800		China, China R International	German	5970eu	7380eu			
1700	1800		China, China R International	Russian	7450eu	9470va	11875va	13640va	
1700	1800		China, China R International	Swahili	5985af	11680af			
1700	1800		China, Xinjiang PBS	Chinese	3950do	5060do	5960do	7260do	
					7310do	7340do			
1700	1800		China, Xinjiang PBS	Kazakh	4330do	6015do			
1700	1800		China, Xinjiang PBS	Mongolian	4500do	6190do			
1700	1800		China, Xinjiang PBS	Uyghur	3990do	6120do	7205do		
1700	1800		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	9780do	11860do		
1700	1800		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
1700	1800		Clandestine, Denge Kurdistan	Kurdish	11510as				
1700	1800		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
1700	1800	1st/3rd Mon	Clandestine, ESAT Radio	Amharic	15370af				
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	irreg	Colombia, R Alcaravan	Spanish	5910do				
1700	1800		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do				
1700	1800		Cuba, R Rebelde	Spanish	5025na				
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	English	15345af				
1700	1800		Egypt, R Cairo	Swahili	17840af				
1700	1800		Egypt, R Cairo	Turkish	9280me				
1700	1800	irreg	Egypt, R Cairo	Urdu	15735as				
1700	1800		Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do				
1700	1800		Eq 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	5060al	7120al	
					7175al	9715al			
1700	1800		Ethiopia, Amhara State Regional R	Amharic	6090do				
1700	1800	irreg	Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do		
1700	1800		Ethiopia, R Ethiopia/Intl Svc	French	7235va	9560va			
1700	1800		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do				
1700	1800		Ethiopia, R Oromiya	Oromo	6030do				
1700	1800	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	5980eu				
1700	1800		France, R France International	French	13740af	15300af	17620af	17850af	
1700	1800		France, R France International	Persian	13620me				
1700	1800		Germany, Deutsche Welle	French	15700af				
1700	1800		Germany, HCJB Germany	German	3995eu	7365eu			
1700	1800		Germany, R 6150	English	6070eu				
1700	1800		Germany, R 700 Kurzwelldienst	German	3985eu				
1700	1800		Greece, ERT3/R Sta Macedonia	Greek	7450eu				
1700	1800		Greece, Voice of Greece	Greek	7450eu	9420eu	15650eu		
1700	1800	Sun/irreg	Guatemala, R Verdad	English/Spanish	4055do				
1700	1800		Guinea, RTV Guinee	French/vernacular	7125do				
1700	1800		Honduras, HRMI/ R Misiones Intl	Spanish	3340do				
1700	1800		India, AIR/External Svc	Urdu	6045as	6155as			
1700	1800	irreg	India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do			
1700	1800		Indonesia, VO Indonesia	Spanish	9526eu				
1700	1800		Israel, Galei Tzahal	Hebrew	6885usb	15850usb			
1700	1800		Japan, R Japan/NHK World	Japanese	6035as	7225as	9835sa	11945af	
					13710as	13850as	15445as		
1700	1800		Kuwait, R Kuwait	Arabic	6050me	13650na	21540va		

1700	1800		Kuwait, R Kuwait	Urdu	15540as				
1700	1800		Kyrgyzstan, KGR1/Birinchi R	Kyrgyz/Russian	4010do	4795do			
1700	1800	irreg	Kyrgyzstan, SW Relay Svc	Persian	5130as				
1700	1800		Libya, R Libya	Arabic	11600af				
1700	1800		Madagascar, R Natl Malagasy	French/Malagasy	5010do				
1700	1800		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do		
1700	1800		Malaysia, RTM/Traxx FM	English	7295do				
1700	1800		Mali, ORTM/R Mali	English/Arabic/Bambara/French		9635do			
1700	1800		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do			
1700	1800		Mexico, R Educacion	English/Spanish	6185do				
1700	1800		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va				
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	15140eu				
1700	1800		Pakistan, Azad Kashmir R	Urdu	3975do				
1700	1800		Pakistan, R Pakistan	Farsi	9370as				
1700	1800		Pakistan, R Pakistan	Urdu	11570eu	15265eu			
1700	1800		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do				
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	4800af			
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	Adygeyan	7325as				
1700	1800		Russia, VO Russia	Arabic	7540me	12110me			
1700	1800		Russia, VO Russia	English	4960va	6035as	6185as	9420as	
1700	1800	DRM	Russia, VO Russia	English	9820as				
1700	1800		Russia, VO Russia	French	9900af	11635af			
1700	1800	DRM	Russia, VO Russia	Italian	9880eu				
1700	1800		Russia, VO Russia	Russian	5975as				
1700	1800		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
1700	1800		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
1700	1800		Somalia, R Hargeysa	Somali	7120do				
1700	1800		South Korea, KBS World R	Korean	9515eu				
1700	1800		Spain, R Exterior de Espana	Arabic	21610me				
1700	1800	mtwhfa	Spain, R Exterior de Espana	Spanish	17715sa	17755af			
1700	1800	Sun	Spain, R Exterior de Espana	Spanish	7275eu	9765ca	11815sa	17715sa	
1700	1800	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa		
1700	1800	mtwa	Sri Lanka, SLBC	Sinhala	11750as				
1700	1800	Sat/Sun	Swaziland, TWR Africa	English	3200af				
1700	1800		Sweden, IBRA Radio	Arabic	11915me				
1700	1800		Taiwan, R Taiwan Intl	English	15690af				
1700	1800		Taiwan, R Taiwan Intl	Russian	13750eu				
1700	1800		Tajikistan, VO Tajik	Farsi	7245me				
1700	1800	irreg	Tanzania, Zanzibar BC	Swahili	11735af				
1700	1800		Turkey, VO Turkey	Turkish	5960va	9460eu			
1700	1800		UK, BBC World Service	Arabic	15480af				
1700	1800		UK, BBC World Service	English	3255af	6190	f	6195as	
					9410as	12095af	15400af	15420af	
					17795af			17830af	
1700	1800	DRM	UK, BBC World Service	English	5845as				
1700	1800		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1700	1800		USA, KNLS Anchor Point AK	Russian	9655as				
1700	1800		USA, Overcomer Ministry	English	9370na	9980va	13590af		
1700	1800		USA, R Free Asia	Korean	5820as	9975as			
1700	1800		USA, R Free Asia	Mandarin	5890as	7445as	9355as	9455as	
					9555as	9905as	11695as	13780as	
1700	1800		USA, R Free Europe/R Liberty	Belarusian	5930eu	6105eu			
1700	1800		USA, R Free Europe/R Liberty	Russian	5995eu	9840eu	11805eu	11845eu	
					15530eu				
1700	1800		USA, R Marti	Spanish	11930ca	13820ca			
1700	1800		USA, RFE/RL/R Farda	Farsi	7585as	11540as			
1700	1800		USA, VO America	English	6080af	11795af	15580af	17895af	
1700	1800		USA, VO America	Kurdish	7365as	9850me	11985	mr	
1700	1800		USA, VO America	Portuguese	9825af	15720af			
1700	1800		USA, VO America	Somali	12055af	13680af			
1700	1800		USA, VOA/Deewa R	Pashtun	7495as	9310as	9780as	9965as	
1700	1800		USA, WBCQ Monticello ME	English	9330na	15420na			

1700	1800		USA, WEWN/Irondale AL	English	15610eu			
1700	1800		USA, WEWN/Irondale AL	Spanish	11550ca	13830sa		
1700	1800		USA, WHRI Cypress Crk SC	English	21630af			
1700	1800		USA, WINB Red Lion PA	English	13570am			
1700	1800		USA, WJHR Intl Milton FL	English	15550usb			
1700	1800	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1700	1800		USA, WTWW Lebanon TN	Arabic	12105eu			
1700	1800		USA, WTWW Lebanon TN	English	9479na	9930sa		
1700	1800		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu
1700	1800	irreg	USA, WWRB Manchester TN	English	9370na			
1700	1800		Uzbekistan, CVC/The VO 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		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1700	1800	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af		
1705	1800		Belarus, R Belarus	Polish	7255eu			
1715	1730		Nepal, R Nepal	Nepali	5005do			
1720	1740	Sat/Sun	USA, VOA/Studio 7	English	4930af	5940af	15455af	
1725	1800		Russia, R Rossii	Russian	7215eu			
1729	1800		Japan, R Japan/NHK World	Swahili	13730af			
1730	1756		Romania, R Romania Intl	Serbian	5910eu			
1730	1800	mtwhfa	Albania, R Tirana	French	7465eu			
1730	1800		Australia, ABC/R Australia	English	6080as			
1730	1800	mwfa	Canada, Bible VO Broadcasting	Amharic	17515af			
1730	1800		China, China R International	Chinese	7315me	7385me	9685eu	9745va
					11660eu			
1730	1800		China, China R International	Hausa	9450af	9685af		
1730	1800		Clandestine, EYSC Radio	Tigrigna	15310af			
1730	1800	w	Clandestine, VO Oromo Liberation/SBO	Amharic	13810af			
1730	1800		Egypt, R Cairo	Amharic	15285af			
1730	1800		Ethiopia, VO Tigray Revol	Afar/Tigrina	5950do			
1730	1800		Germany, AWR Europe	Kabyle	15170af			
1730	1800		Germany, AWR Europe	Oromo	15155af			
1730	1800		India, AIR/External Svc	Arabic	9620me	11710me	13640me	
1730	1800		India, AIR/External Svc	Malayalam	7250me	12025me		
1730	1800		Iran, VOIRI	Arabic	9320as			
1730	1800		Iran, VOIRI	Bosnian Serbo-Croatian		9860eu	11865eu	
1730	1800		Iran, VOIRI	German	9715eu	11905eu		
1730	1800		Iran, VOIRI	Swahili	11970af	13670af		
1730	1800	irreg	Nigeria, VO Nigeria	Arabic	15120va			
1730	1800		Philippines, R Pilipinas Overseas Svc	English/Tagalog	9915me	11720me	15190me	
1730	1800		Poland, Polish R/External Svc	Russian	9400eu			
1730	1800		Serbia, International R Serbia	Italian	6100eu			
1730	1800		South Africa, AWR Africa	Masai	9600af			
1730	1800	Sat	Spain, R Exterior de Espana	Spanish	7275eu			
1730	1800		Sudan, VO Africa/Sudan R	English	9505af			
1730	1800	Sat	Swaziland, TWR Africa	Amharic	11725af			
1730	1800	mtwhf	Swaziland, TWR Africa	Oromo	11725af			
1730	1800		Sweden, IBRA Radio	Somali	11610af			
1730	1800		Sweden, IBRA Radio	Swahili	11875af			
1730	1800		Turkey, VO Turkey	French	7360af			
1730	1800		Turkey, VO Turkey	German	11835eu			
1730	1800		UK, BBC World Service	Pashto	5875as	7425as	13660as	
1730	1800		UK, FEBA Radio	Silte	7475af			
1730	1800		UK, FEBA Radio	Tigrinya	9630af			
1730	1800		USA, RFE/RL/R Farda	Farsi	5860as			
1730	1800		USA, VO America	Afan Oromo	11905af	11925af	12140af	13870af
					15620af			
1730	1800		USA, VO America	Azerbaijani	7435as	9490as	11760as	
1730	1800	mtwhf	USA, VO America	Oromo	12005af			
1730	1800	mtwh	USA, VOA/Studio 7	English	4930af	5940af	15455af	
1730	1800	f	USA, VOA/Studio 7	Ndebele	4930af	5940af	15455af	
1730	1800		Vatican City State, Vatican R	English	11625af	13765af	15570af	
1730	1800		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9625eu			
1740	1800	Sat/Sun	USA, VOA/Studio 7	Ndebele	4930af	5940af	15455af	
1745	1800		Bangladesh, Bangla Betar	English	7250eu			
1745	1800		India, AIR/External Svc	English	7550eu	9445va	9950eu	11580af
					11670eu	11935af	13695af	17670af
1745	1800	mtwhf	Swaziland, TWR Africa	English	3200af			
1745	1800	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af			
1746	1800		New Zealand, R New Zealand Intl	English	9615pa			
1746	1800	DRM	New Zealand, R New Zealand Intl	English	6135as			
1750	1800	mtwhf	Swaziland, TWR Africa	Umbunbu	6130af			
1755	1800		Germany, Lutherische Stunde	German	3995eu	7205al		

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1800	1805		China, China Natl R/CNR13	Uyghur	9420do	9890do		
1800	1805		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do

1800	1810		Pakistan, Azad Kashmir R	Urdu	3975do				
1800	1815	Sat	Canada, Bible VO Broadcasting	English	11855as				
1800	1815	Sat	Canada, Bible VO Broadcasting	English	9430me				
1800	1815	f	Canada, Bible VO Broadcasting	Russian	6130eu				
1800	1815	h	Canada, Bible VO Broadcasting	Ukrainian	6130eu				
1800	1815	Sat/Sun	Swaziland, TWR Africa	Swahili	9475af				
1800	1815	mtwh	UAE, TWR Africa	Tigrinya	6120af				
1800	1820	mtwhf	Swaziland, TWR Africa	Umbunbu	6130af				
1800	1826	DRM	Romania, R Romania Intl	Italian	5910eu				
1800	1827		Iran, VOIRI	Bosnian Serbo-Croatian		9860eu		11865eu	
1800	1827		Iran, VOIRI	German	9715eu		11905eu		
1800	1827		Iran, VOIRI	Swahili	11970af		13670af		
1800	1830		Canada, Bible VO Broadcasting	Persian	12150as				
1800	1830	t	Canada, Bible VO Broadcasting	Russian	6130eu				
1800	1830	Sat/Sun	Canada, Bible VO Broadcasting	Somali	17515af				
1800	1830	th	Canada, Bible VO Broadcasting	Tigringya	17515af				
1800	1830		China, China R International	Chinese	7315me	7385me		9685eu	9745va
					11660eu				
1800	1830		China, China R International	Hausa	9450af		9685af		11640af
1800	1830	tha/irreg	Clandestine, VO Eritrea	Tigrinya	7235af		9560af		
1800	1830	mwf/irreg	Clandestine, VO Peace & Dem of Eritrea	Tigrinya	7235af		9560af		
1800	1830		Congo Rep, TDC/R Congo	French/Lingala/vernaculars			6115do		
1800	1830		India, AIR/External Svc	Malayalam	7250me		12025me		
1800	1830		Japan, R Japan/NHK World	English	9590af		11885af		
1800	1830		Serbia, International R Serbia	Russian	6100eu				
1800	1830	mtwa	Sri Lanka, SLBC	Sinhala	11750as				
1800	1830		Sudan, VO Africa/Sudan R	English	9505af				
1800	1830		Sweden, IBRA Radio	Beja	12070af				
1800	1830		Turkey, VO Turkey	German	11835eu				
1800	1830	Sun	UAE, TWR Africa	Kunama	6120af				
1800	1830	Sat	UAE, TWR Africa	Tigre	6120af				
1800	1830		UK, BBC World Service	French	6095af	11785af		15105af	15180af
					17885af				
1800	1830		UK, BBC World Service	Somali	6005af	9410af		11845af	
1800	1830		USA, VO America	English	6080af		15580af		17895af
1800	1830	Sat/Sun	USA, VO America	English	4930af				
1800	1830	mtwhf	USA, VO America	Portuguese	15720af				
1800	1830		USA, VOA/Afia Darfur R	Arabic	9645af		11615af		13715af
1800	1830	f	USA, VOA/Studio 7	English/Ndebele/Shona			4930af		5940af
1800	1830	mtwhf	USA, VOA/Studio 7	Ndebele	4930af		5940af		15455af
1800	1830		Vatican City State, Vatican R	Portuguese	11625af		13765af		15570af
1800	1830		Vietnam, VO Vietnam/Overseas Svc	Spanish	7280eu		9730eu		
1800	1830		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	9625eu				
1800	1836		New Zealand, R New Zealand Intl	English	9615pa				
1800	1836	DRM	New Zealand, R New Zealand Intl	English	6135pa				
1800	1845		Moldova, R Payem e-Doost	Farsi	5900as				
1800	1845		USA, R Payam-E Doost	Persian	5900me				
1800	1850		Greece, Voice of Greece	Greek	7450eu				
1800	1856	DRM	Romania, R Romania Intl	German	5920eu				
1800	1856		Romania, R Romania Intl	German	7425eu				
1800	1856		Romania, R Romania Intl	Romanian	9500eu	11975eu			
1800	1857		Iran, VOIRI	Russian	6140eu	7240eu			
1800	1857		North Korea, VO Korea	English	13760eu	15245eu			
1800	1857		North Korea, VO Korea	French	7210af	9875va		11635va	11910af
1800	1857		North Korea, VO Korea	German	3250eu	9425eu		12015eu	
1800	1900		Algeria, R Algerienne	Arabic/French	13820af				
1800	1900		Angola, R Nac de Angola	Portuguese	4950do				
1800	1900		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
1800	1900	mtwhf/irreg	Antarctica, R Nac Arcangel San Gabriel	Spanish	15476sa				
1800	1900	mtwhf	Argentina, RAE	English	15345eu				
1800	1900	Sun	Argentina, RAE	Spanish	6060am	15345am			
1800	1900		Australia, ABC/R Australia	English	6080as	9475as		9500va	9580pa
					9710va	11880va			
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	Arabic	9745me				
1800	1900		Bangladesh, Bangla Betar	English	7250eu				
1800	1900		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu				
1800	1900		Belarus, R Belarus	German	7255eu	11730eu			
1800	1900		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
1800	1900		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
1800	1900		Bolivia, R Lipez	Spanish/Aymara	4796do				
1800	1900		Bolivia, R Logos	Spanish/Aymara/German		4865do		6165do	
1800	1900		Bolivia, R San Miguel	Spanish	4699do				
1800	1900		Bolivia, R Santa Ana	Spanish	4451do				
1800	1900		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
1800	1900		Bolivia, R Tacana	Spanish	4782do				
1800	1900		Brazil, Educadora/Braganca	Portuguese	4825do				
1800	1900		Brazil, R Alvorada/Londrina	Portuguese	4865do				

1800	1900		Brazil, R Anhanguera	Portuguese	4905do			
1800	1900		Brazil, R Aparecida	Portuguese	5035do	6135do	9630do	11855do
1800	1900		Brazil, R Bandeirantes	Portuguese	6090do	9645do		
1800	1900		Brazil, R 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/Macapa	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 Guaiaba	Portuguese	6000do	11785do		
1800	1900		Brazil, R Guaruja 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	f	Canada, Bible VO Broadcasting	Amharic	17515af			
1800	1900	Sat/Sun	Canada, Bible VO Broadcasting	English	15215me			
1800	1900	Sun	Canada, Bible VO Broadcasting	English	6130eu			
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	Chaozhou	11895eu	13700eu		
1800	1900		China, China R International	English	6175eu	9600eu	13760eu	
1800	1900		China, China R International	French	5970eu	6055af	9480eu	11695af
1800	1900		China, China R International	German	7395eu	11650eu	11775eu	
1800	1900		China, China R International	Italian	7340eu	7435eu		
1800	1900		China, China R International	Persian	7415me	9670me		
1800	1900		China, China R International	Russian	7205eu	9535eu	9560eu	9765va
1800	1900		Clandestine, Denge Kurdistane	Kurdish	11510as			
1800	1900		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1800	1900		Clandestine, SW R Africa	English/Ndebele/Shona		4880af		
1800	1900		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1800	1900		Colombia, La Voz de tu Conciencia	Spanish	6010do			
1800	1900		Colombia, La Voz del Guaviare	Spanish	6035do			
1800	1900	irreg	Colombia, R Alcaravan	Spanish	5910do			
1800	1900		Congo Dem Rep, R Tele Candip	French/vernaculars	5066do			
1800	1900		Cuba, R Rebelde	Spanish	5025na			
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	Hausa	15710af			
1800	1900		Egypt, R Cairo	Italian	9490eu			
1800	1900		Egypt, R Cairo	Turkish	9280me			
1800	1900	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1800	1900		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
1800	1900		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do		



1800	1900		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars	4700do 7175al	5060al	7120al
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/vernaculars	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	6170eu		
1800	1900		France, R France International	French	13740af	15300af	17620af
1800	1900		France, R France International	Russian	11795eu	13620eu	17850af
1800	1900	Sun	Germany, Christliche Wissenschaft	German	9585eu		
1800	1900		Germany, Deutsche Welle	Hausa	12045af	15275af	21780af
1800	1900		Germany, HCJB Germany	German	3995eu	7365eu	
1800	1900		Germany, R 6150	English	6070eu		
1800	1900		Greece, ERT3/R Sta Macedonia	Greek	7450eu		
1800	1900		Greece, Voice of Greece	Greek	7450eu	9420eu	15630eu
1800	1900		Guatemala, R Verdad	English/Spanish	4055do		
1800	1900	Sun/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
					11670eu	11935af	13695af
1800	1900		India, AIR/External Svc	Urdu	6045as	6155as	11580af
1800	1900		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do	17670af
1800	1900	irreg	Indonesia, VO Indonesia	German	9526eu		
1800	1900		Iran, VOIRI	Arabic	9320as	12080as	
1800	1900		Israel, Galei Tzahal	Hebrew	6885usb	15850usb	
1800	1900	fas	Italy, IRRS Shortwave	English	7290va		
1800	1900		Japan, R Japan/NHK World	Japanese	6035as	7225as	9835as
					13710af	15445as	11945af
					6050me	13650na	
1800	1900		Kuwait, R Kuwait	Arabic	6050me		
1800	1900		Kuwait, R Kuwait	English	15540va		
1800	1900		Libya, R Libya	Arabic	11600af		
1800	1900		Madagascar, R Natl Malagasy	French/Malagasy	5010do		
1800	1900		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do
1800	1900		Malaysia, RTM/Traxx FM	English	7295do		
1800	1900		Mali, ORTM/R Mali	English/Arabic/Bambara/French		5995do	
1800	1900		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do	
1800	1900		Mexico, R Educacion	English/Spanish	6185do		
1800	1900		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va		
1800	1900		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do	
1800	1900		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do	
1800	1900	irreg	Nigeria, VO Nigeria	English	7255af		
1800	1900		Oman, R Sultanate of Oman	Arabic	15140eu		
1800	1900		Pakistan, R Pakistan	Urdu	11570eu	15265eu	
1800	1900		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do		
1800	1900		Peru, La Voz de las Huarinjas	Spanish	5059do		
1800	1900		Peru, Ondas del Huallaga	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	Sun	Philippines, R Pilipinas Overseas Svc	English/Tagalog	9915me	11720me	15190me
1800	1900		Russia, GTRK/Adygeya	Adygeyan	7325as		
1800	1900		Russia, R Rossii	Russian	7215eu		
1800	1900		Russia, VO Russia	Arabic	7540me	12110me	
1800	1900		Russia, VO Russia	English	4960va	9900va	
1800	1900		Russia, VO Russia	French	11635af		
1800	1900	DRM	Russia, VO Russia	French	9880eu		
1800	1900		Russia, VO Russia	Russian	5975as		
1800	1900		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do	
1800	1900		Saudi Arabia, BSKSA/External Svc	Turkish	9675me		
1800	1900		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870eu	
1800	1900		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af
1800	1900		Somalia, R Hargeysa	Somali	7120do		
1800	1900		South Africa, R Sonder Grense	Afrikaans	3320af		
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	15360eu		

1800	1900		Spain, R Exterior de Espana	Arabic	21610me			
1800	1900	mtwhf	Spain, R Exterior de Espana	French	9665eu			
1800	1900	mtwhfa	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa	17755af
1800	1900	smtwhf	Spain, R Exterior de Espana	Spanish	17715sa			
1800	1900	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275sa	7275eu	9765ca	
1800	1900	Sat/Sun	Swaziland, TWR Africa	English	3200af			
1800	1900		Swaziland, TWR Africa	English	9500af			
1800	1900		Taiwan, R Taiwan Intl	English	6155eu			
1800	1900	irreg	Tanzania, Zanzibar BC	Swahili	11735af			
1800	1900		Thailand, R Thailand World Svc	Thai	9390va			
1800	1900		Turkey, VO Turkey	French	7360af			
1800	1900		Turkey, VO Turkey	Turkish	5960va	9460eu		
1800	1900		UK, BBC World Service	Arabic	15480af			
1800	1900		UK, BBC World Service	Dari	5875as	7425as	9795as	
1800	1900		UK, BBC World Service	English	3255af	6190af	7375as	11810af
					12095af	15400af	15420af	17795af
1800	1900		UK, FEBA Radio	Arabic	9550me			
1800	1900		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
1800	1900	Sat	USA, Christian Science Sentinel	Russian	9585eu			
1800	1900		USA, Overcomer Ministry	English	9370na	9980va		
1800	1900		USA, R Free Asia	Korean	5820as	7465as		
1800	1900		USA, R Free Asia	Mandarin	7355as	7445as	9355as	9455as
					9690as	9875as	11545as	13780as
1800	1900		USA, R Free Europe/R Liberty	Russian	5995eu	9840eu	11760eu	
1800	1900		USA, R Marti	Spanish	11930ca	13820ca		
1800	1900		USA, RFE/RL/R Farda	Farsi	5860as	7585as		
1800	1900		USA, VO America	Amharic	11905af	11925af	12005af	12140af
					13870af			
1800	1900		USA, VOA/Deewa R	Pashtun	7495as	9310as	9780as	9965as
1800	1900		USA, WBCQ Monticello ME	English	9330na	15420na		
1800	1900		USA, WEWN/Irondale AL	English	15610eu			
1800	1900		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa		
1800	1900		USA, WHRI Cypress Crk SC	English	9840na	21630af		
1800	1900		USA, WINB Red Lion PA	English	13570am			
1800	1900		USA, WJHR Intl Milton FL	English	15550usb			
1800	1900	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
1800	1900		USA, WTWW Lebanon TN	Arabic	12105eu			
1800	1900		USA, WTWW Lebanon TN	English	9479na	9930sa		
1800	1900		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu
1800	1900	irreg	USA, WWRB Manchester TN	English	9370na			
1800	1900		Uzbekistan, CVC/The VO Asia	Hindi	6260as			
1800	1900		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
1800	1900		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
1800	1900	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af		
1815	1845	Sun	Canada, Bible VO Broadcasting	English	9430me			
1815	1845	mtwhf	UAE, TWR Africa	Tigrinya	6120af			
1820	1835		Swaziland, TWR Africa	Chokwe	6130af			
1825	1900		Vanuatu, R Vanuatu	English/Bislama/French		3945do		
1830	1845	Sat	Canada, Bible VO Broadcasting	English	6130eu			
1830	1845		Rwanda, R Rep Rwandaise	English	6055do			
1830	1845		UK, FEBA Radio	French	15250af			
1830	1856		Romania, R Romania Intl	Aromanian	5910eu			
1830	1900		Austria, AWR Europe	Arabic	11660af			
1830	1900		Canada, Bible VO Broadcasting	Amharic	17515af			
1830	1900	Sun	Canada, Bible VO Broadcasting	English	9635as			
1830	1900		China, China R International	Arabic	11640af			
1830	1900		China, China R International	Bulgarian	6020eu	7265eu	9695eu	
1830	1900		China, China R International	French	7350af	9645af		
1830	1900		Clandestine, Sawtu Linjila/VO the Gospel	Fulfulde	15315af			
1830	1900		Iran, VOIRI	Albanian	9570eu	11740eu		
1830	1900		Iran, VOIRI	French	9860eu	12025eu	17650eu	
1830	1900		Iran, VOIRI	Hausa	13710af	15550af		
1830	1900	irreg/DRM	Nigeria, VO Nigeria	English	15120af			
1830	1900		Serbia, International R Serbia	English	6100eu			
1830	1900		South Africa, AWR Africa	English	11840af			
1830	1900		Sudan, VO Africa/Sudan R	Arabic	9505af			
1830	1900		Sweden, IBRA Radio	Fur	12070af			
1830	1900		Turkey, VO Turkey	English	9785eu			
1830	1900	mtwhf	UK, BBC World Service	Krwanda/Krundi	9755af	11705af	15790af	
1830	1900	mtwhf	USA, VO America	Kinyarwanda/Kirunda	11865af	13660af		
1830	1900		USA, VO America	English	4930af	15580af		
1830	1900		USA, VO America	French	9815af	17530af		
1830	1900	mtwhf	USA, VOA/Studio 7	English/Ndebele/Shona		5940af	15455af	
1830	1900		Vietnam, VO Vietnam/Overseas Svc	French	7280eu	9625eu	9730eu	
1835	1850		Swaziland, TWR Africa	Umbundu	6130af			
1837	1900		New Zealand, R New Zealand Intl	English	9615pa			
1837	1900	DRM	New Zealand, R New Zealand Intl	English	9630pa			
1840	1900		Vatican City State, Vatican R	Rosary	5980eu	7250eu	9645eu	11625me
					13765af	15570af		
1845	1900		Egypt, R Cairo	Pulaar	17625af			

1845	1900	irreg	Guinea, RTV Guinee	English	7125do		
1850	1900	stwhf	Swaziland, TWR Africa	Kikongo	6130af		
1850	1900	m	Swaziland, TWR Africa	Luvale	6130af		
1850	1900	Sat	Swaziland, TWR Africa	Portuguese	6130af		

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1900	1905	stwhf	Swaziland, TWR Africa	Kikongo	6130af		
1900	1905	m	Swaziland, TWR Africa	Luvale	6130af		
1900	1905	Sat	Swaziland, TWR Africa	Portuguese	6130af		
1900	1910	irreg	Congo Dem Rep, R Tele Candip	French/vernulars	5066do		
1900	1915		Canada, Bible VO Broadcasting	Amharic	17515af		
1900	1915	Sun	Canada, Bible VO Broadcasting	English	9635as		
1900	1920	f	Swaziland, TWR Africa	Fiote	6130af		
1900	1926		Romania, R Romania Intl	Ukranian	5910eu		
1900	1927		Iran, VOIRI	Albanian	9570eu	11740eu	
1900	1927		Iran, VOIRI	French	9860eu	12025eu	17650eu
1900	1927		Iran, VOIRI	Hausa	13720af	15550af	
1900	1930		Armenia, Public R of Armenia	Arabic	4810me		
1900	1930		Austria, AWR Europe	Hausa	11955af		
1900	1930		China, China R International	Arabic	11640af		
1900	1930		China, China R International	Czech	9515eu		
1900	1930		China, China R International	Hungarian	7440eu	9560eu	
1900	1930		China, China R International	Romanian	7305eu		
1900	1930		France, R France International	Portuguese	5950af		
1900	1930		Germany, AWR Europe	Arabic	9610af		
1900	1930		Germany, AWR Europe	Fulfulde	15205af		
1900	1930		Germany, AWR Europe	Wolof	11945af		
1900	1930		Germany, Deutsche Welle	English	11800af	11865af	15275af
1900	1930		Germany, HCJB Germany	German (Low)	3995eu	7365eu	
1900	1930		India, AIR/External Svc	Urdu	6045as	6155as	
1900	1930		Philippines, R Pilipinas Overseas Svc	English/Tagalog	9915me	11720me	15190me
1900	1930		Serbia, International R Serbia	Spanish	6100eu		
1900	1930		Sudan, VO Africa/Sudan R	Arabic	9505af		
1900	1930		Sweden, IBRA Radio	Arabic	12070af		
1900	1930		Sweden, IBRA Radio	Fulfulde	11875af		
1900	1930		Turkey, VO Turkey	English	9785eu		
1900	1930		Turkey, VO Turkey	French	7360af		
1900	1930		UK, FEBA Radio	Arabic	9550me		
1900	1930		USA, VO America	English	4930af	9850af	15580va
1900	1930	mtwhf	USA, VO America	Tigrinya	11905af	11925af	12005af
					13870af		12140af
1900	1930		USA, VOA/Afia Darfur R	Arabic	9600af	9775af	11830af
1900	1930	Sat	Vatican City State, Vatican R	Spanish	11625af	13765af	
1900	1930		Vietnam, VO Vietnam/Overseas Svc	English	7280eu	9730eu	
1900	1940		Belarus, R Belarus	German	7255eu	11730eu	
1900	1945		India, AIR/External Svc	Arabic	9620me	11710me	13640me
1900	1945		India, AIR/External Svc	English	7550eu	9445eu	9950eu
					11670eu	11935af	13695af
							17670af
1900	1950	DRM	New Zealand, R New Zealand Intl	English	9615pa		
1900	1950		New Zealand, R New Zealand Intl	English	9630pa		
1900	1956		Romania, R Romania Intl	Romanian	9500eu	11975eu	
1900	1956		Romania, R Romania Intl	Spanish	9665eu	11805eu	
1900	1957		North Korea, VO Korea	English	7210af	9875va	11910af
1900	1957		North Korea, VO Korea	German	3250eu	9425eu	12015eu
1900	1957		North Korea, VO Korea	Spanish	13760eu	15245eu	
1900	2000		Algeria, R Algerienne	Arabic/French	13820af		
1900	2000		Algeria, R Algerienne	Arabic/French	11765af	13820af	
1900	2000		Angola, R Nac de Angola	Portuguese	4950do		
1900	2000		Anguilla, Caribbean Beacon/Univ Net	English	11775ca		
1900	2000	mtwhf	Antarctica, R Nac Arcangel San Gabriel	Spanish	15476sa		
1900	2000	mtwhf	Argentina, RAE	Italian	15345eu		
1900	2000	Sun	Argentina, RAE	Spanish	6060am	15345am	
1900	2000		Australia, ABC/R Australia	English	6080as	9500va	9710va
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	Arabic	9745me		
1900	2000		Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu		
1900	2000		Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do		
1900	2000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do	
1900	2000		Bolivia, R Lipez	Spanish/Aymara	4796do		
1900	2000		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do
1900	2000		Bolivia, R San Miguel	Spanish	4699do		
1900	2000		Bolivia, R Santa Ana	Spanish	4451do		
1900	2000		Bolivia, R Santa Cruz	Spanish/Aymara	6135do		
1900	2000		Bolivia, R Tacana	Spanish	4782do		
1900	2000		Brazil, Educadora/Braganca	Portuguese	4825do		
1900	2000		Brazil, R Alvorada/Londrina	Portuguese	4865do		

1900	2000		Brazil, R 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 Guaruja Paulista	Portuguese	5045do			
1900	2000		Brazil, R Imaculada Conceicao	Portuguese	4755do			
1900	2000		Brazil, R Inconfidencia	Portuguese	6010do	15190do		
1900	2000		Brazil, R Itatiaia	Portuguese	5970do			
1900	2000		Brazil, R Maria	Portuguese	4885do			
1900	2000		Brazil, R Marumby	Portuguese	6080do	9515do		
1900	2000		Brazil, R Meteorologia Paulista	Portuguese	4845do			
1900	2000		Brazil, R Mundial	Portuguese	3325do			
1900	2000		Brazil, R Nacional da Amazonia	Portuguese	6180do	11780do		
1900	2000		Brazil, R Nove de Julho	Portuguese	9820do			
1900	2000		Brazil, R Novo Tempo	Portuguese	4895do			
1900	2000		Brazil, R Record	Portuguese	6150do	9505do		
1900	2000		Brazil, R Rio Mar	Portuguese	6160do	9695do		
1900	2000		Brazil, R 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		China, China R International	Albanian	6020eu	7385eu		
1900	2000		China, China R International	Cantonese	7235eu	11895eu		
1900	2000		China, China R International	Czech	7415eu			
1900	2000		China, China R International	English	7295va	9435af	9440af	
1900	2000		China, China R International	French	5970eu	6055af	7350eu	9480af
					9645af	11695af		
1900	2000		China, China R International	German	7395eu	11650eu	11775eu	
1900	2000		China, China R International	Portuguese	5985af	7405af	9535af	9620eu
					9765af	12095eu		
1900	2000		China, China R International	Romanian	6090eu			
1900	2000		China, China R International	Russian	6110eu	7245eu	9525eu	
1900	2000		China, China R International	Turkish	7255me	9655me		
1900	2000		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
1900	2000		Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as
					6518as	6600as		
1900	2000	Sat	Clandestine, VO Wilderness	Korean	7375as			
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		Cuba, R Rebelde	Spanish	5025na			
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	English	15290af			
1900	2000		Egypt, R Cairo	German	12050eu			
1900	2000		Egypt, R Cairo	Hausa	15710af			
1900	2000		Egypt, R Cairo	Pulaar	17625af			

1900	2000		Egypt, R Cairo	Russian	9685eu			
1900	2000		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af			
1900	2000	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
1900	2000		Eqt Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
1900	2000		Eritrea, VO the Broad Masses/Pgm 1	Tigrinya/Tigre/Kunama		7205do		
1900	2000		Eritrea, VO the Broad Masses/Pgm 2	Arabic/Afar/Amharic/vernaculars		4700do	5060al	7120al
					7175al			
1900	2000		Ethiopia, Fana BC/R Fana	Afar/Amharic/Oromo/Somali		6110do	7210do	
1900	2000		Ethiopia, R Ethiopia/Natl Svc	Amharic/vernaculars	9705do			
1900	2000		Ethiopia, R Oromiya	Oromo	6030do			
1900	2000	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu			
1900	2000		France, R France International	French	11995af	13740af	15300af	
1900	2000		Germany, AWR Europe	Arabic	11610va	15260af		
1900	2000		Germany, R 6150	English	6070eu			
1900	2000		Germany, R 700 Kurzwellendienst	German	3985eu			
1900	2000		Greece, ERT3/R Sta Macedonia	Greek	7450eu			
1900	2000		Greece, Voice of Greece	Greek	7450eu	9420eu	15630eu	
1900	2000		Guatemala, R Verdad	English/Spanish	4055do			
1900	2000	Sun/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	irreg	Indonesia, VO Indonesia	English	9526eu			
1900	2000		Iran, VOIRI	Arabic	9320as	12080as		
1900	2000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
1900	2000		Japan, R Japan/NHK World	Japanese	9560as	11910af	11965af	13710af
					15130as			
1900	2000		Kuwait, R Kuwait	Arabic	6050me	13650na		
1900	2000		Kuwait, R Kuwait	English	15540eu			
1900	2000		Libya, R Libya	Arabic	11600af			
1900	2000		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
1900	2000		Malaysia, RTM/Traxx FM	English	7295do			
1900	2000		Mali, ORTM/R Mali	English/Arabic/Bambara/French		5995do		
1900	2000		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
1900	2000		Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
1900	2000		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9579va			
1900	2000		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
1900	2000		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
1900	2000	irreg	Nigeria, VO Nigeria	English	7255af			
1900	2000		Oman, R Sultanate of Oman	Arabic	15140eu			
1900	2000		Papua New Guinea, R Buka	Tok Pisin	3325do			
1900	2000		Papua New Guinea, R Central	English/Tok Pisin	3290do			
1900	2000		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
1900	2000		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
1900	2000		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
1900	2000		Papua New Guinea, R Western	English/Tok Pisin	3305do			
1900	2000		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
1900	2000		Peru, La Voz de las Huarinjas	Spanish	5059do			
1900	2000		Peru, Ondas del Hualлага	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	7215eu			
1900	2000		Russia, VO Russia	Arabic	7540me	9900me	12110me	
1900	2000		Russia, VO Russia	French	11635af			
1900	2000		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
1900	2000		Saudi Arabia, BSKSA/External Svc	Turkish	9675me			
1900	2000		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870eu		
1900	2000		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af	
1900	2000		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
1900	2000		South Africa, R Sonder Grense	Afrikaans	3320af			
1900	2000		South Korea, KBS World R	French	6145eu			
1900	2000	mtwhf	Spain, R Exterior de Espana	Arabic	9570af			

1900	2000	mtwhf	Spain, R Exterior de Espana	English	9665eu	11615af			
1900	2000	Sat	Spain, R Exterior de Espana	French	9570af				
1900	2000	Sun	Spain, R Exterior de Espana	French	12015me				
1900	2000	mtwhfa	Spain, R Exterior de Espana	Spanish	9765ca	11815sa			
1900	2000	Sat	Spain, R Exterior de Espana	Spanish	9765ca	17715sa	17755af		
1900	2000	Sun	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa		
1900	2000	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu				
1900	2000		Swaziland, TWR Africa	English	3200af				
1900	2000		Taiwan, R Taiwan Intl	French	7325eu	15690af			
1900	2000		Taiwan, R Taiwan Intl	German	6185eu				
1900	2000	irreg	Tanzania, Zanzibar BC	Swahili	11735af				
1900	2000		Thailand, R Thailand World Svc	English	9390eu				
1900	2000		Turkey, VO Turkey	Turkish	5960va	9460eu			
1900	2000		UK, BBC World Service	Arabic	15480af				
1900	2000		UK, BBC World Service	English	3255af	6190af	11810af	12095af	
					15400af	15420af	17795af		
1900	2000		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
1900	2000		USA, Overcomer Ministry	English	9370na	9980va			
1900	2000		USA, R Free Asia	Mandarin	5890as	7260as	7355as	7435as	
					9355as	9455as	9875as	9905as	
					11785as	13780as			
					7475eu				
1900	2000		USA, R Free Europe/R Liberty	Russian	11930ca	13820ca			
1900	2000		USA, R Marti	Spanish	5860as	7585as			
1900	2000		USA, RFE/RL/R Farda	Farsi	7485va				
1900	2000		USA, VO America	English/Special	9815af	17530af			
1900	2000		USA, VO America	French	5900as	7365as	9490as		
1900	2000		USA, VO America	Korean	15420na				
1900	2000	at	USA, WBCQ Monticello ME	English	7490na				
1900	2000		USA, WBCQ Monticello ME	English	15610eu				
1900	2000		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa			
1900	2000		USA, WEWN/Irondale AL	Spanish	9840na	21630af			
1900	2000		USA, WHRI Cypress Crk SC	English	13570am				
1900	2000		USA, WINB Red Lion PA	English	15550usb				
1900	2000	Sat/Sun	USA, WJHR Intl Milton FL	English	9955am				
1900	2000		USA, WRMI Miami FL	English/Spanish	12105eu				
1900	2000		USA, WTWW Lebanon TN	Arabic	9479na	9930sa			
1900	2000		USA, WTWW Lebanon TN	English	9980ca	12160af	13845na	15825eu	
1900	2000	irreg	USA, WWRB Manchester TN	English	9370na				
1900	2000		Uzbekistan, CVC/The VO Asia	Hindi	6260as				
1900	2000		Vanuatu, R Vanuatu	English/Bislama/French		3945do			
1900	2000		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
1900	2000		Vietnam, VO Vietnam/Overseas Svc	Russian	9890eu				
1900	2000		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
1900	2000	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af			
1905	1920	Sat	Mali, ORTM/R Mali	English	9635do				
1905	1920	Sun	Swaziland, TWR Africa	Kuanyama	6130af				
1905	1920	w	Swaziland, TWR Africa	Luchazi	6130af				
1905	1920	Sat	Swaziland, TWR Africa	Lunyaneka	6130af				
1905	1920	h	Swaziland, TWR Africa	Luvale	6130af				
1905	1920	mt	Swaziland, TWR Africa	Portuguese	6130af				
1905	1935		Swaziland, TWR Africa	Lingala	9940af				
1915	2000		Bangladesh, Bangla Betar	Bengali	7250eu				
1920	1950		Swaziland, TWR Africa	Portuguese	6130af				
1930	1945	sm	Sweden, IBRA Radio	Joula Malinke	11875af				
1930	1945	sm	Sweden, IBRA Radio	Sara Ngambai	12070af				
1930	1945	hfa	Sweden, IBRA Radio	Shuwa-Arabic	12070af				
1930	1945	hfa	Sweden, IBRA Radio	Tamajeq	11875af				
1930	1945	tw	Sweden, IBRA Radio	Zaghawa	12070af				
1930	1945	tw	Sweden, IBRA Radio	Zarma	11875af				
1930	1956		Romania, R Romania Intl	Serbian	5910eu				
1930	1957		Germany, Deutsche Welle	English	11865af	15275af			
1930	1957		Germany, Deutsche Welle	Portuguese	11800af				
1930	2000	mtwhfa	Albania, R Tirana	German	7465eu				
1930	2000		Austria, AWR Europe	French	15220af				
1930	2000		China, China R International	Czech	7305eu				
1930	2000		China, China R International	Esperanto	7265eu	9745eu			
1930	2000		China, China R International	Romanian	7440eu				
1930	2000		Cuba, R Havana Cuba	French	17720eu				
1930	2000		Germany, AWR Europe	Ibo	15205af				
1930	2000		Germany, AWR Europe	Tachelhit	9610af				
1930	2000		Germany, Deutsche Welle	Portuguese	7425af	12025af			
1930	2000		Germany, HCJB Germany	German	3995eu	7365eu			
1930	2000		Iran, VOIRI	English	9400eu	9715eu	11750af	11885af	
1930	2000		Iran, VOIRI	Italian	7315eu	9755eu			
1930	2000		Iran, VOIRI	Russian	6040eu	9565eu			
1930	2000		Serbia, International R Serbia	Serbian	6100eu				
1930	2000		South Africa, RTE R Worldwide	English/Irish Gaelic	5820af				
1930	2000		Sudan, R Omdurman	Arabic	7205af				
1930	2000		Turkey, VO Turkey	French	9535af	9635eu			

1930	2000		UK, BBC World Service	Hausa	11660af	15105af	17885af		
1930	2000	Sun	USA, Pan Am Broadcasting	English	9515af				
1930	2000		USA, VO America	English	4930af	15580as			
1930	2000		Vietnam, VO Vietnam/Overseas Svc	French	7280eu	9730eu			
1930	2000		Vietnam, VO Vietnam/Overseas Svc	German	9430eu				
1935	1950		Swaziland, TWR Africa	French	9940af				
1940	2000	smh	Belarus, R Belarus	French	7255eu	11730eu			
1940	2000	twf	Belarus, R Belarus	German	7255eu	11730eu			
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	Sat/Sun	Sweden, IBRA Radio	Bambara	11875af				
1945	2000	mtwhf	Sweden, IBRA Radio	Hausa	11875af				
1950	2000	Sat	Swaziland, TWR Africa	French	9940af				
1950	2000		Swaziland, TWR Africa	Kimbundu	6130af				
1951	2000	DRM	New Zealand, R New Zealand Intl	English	11675pa				
1955	2000		China, CNR/VO China	Chinese	4750do	4800do	5945do	6030do	
					6080do	6125do	6145do	6175do	
					6180do	7215do	7230do	7275do	
					7290do	7305do	7345do	9455do	
					9500do	9655do	9710do		
1958	2000		Indonesia, RRI Serui	Indonesian	4605do				

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2000	2015		Canada, Bible VO Broadcasting	Arabic	5930me				
2000	2015		Thailand, R Thailand World Svc	German	9390eu				
2000	2020	tf	Belarus, R Belarus	English	7255eu	11730eu			
2000	2020am		Belarus, R Belarus	Spanish	7255eu	11730eu			
2000	2020	Sat	Swaziland, TWR Africa	French	9940af				
2000	2027		Iran, VOIRI	Arabic	9320as	12080as			
2000	2027		Iran, VOIRI	English	9400eu	9715eu	11750af	11885af	
2000	2027		Iran, VOIRI	Italian	7315eu	9755eu			
2000	2027		Iran, VOIRI	Russian	6040eu	9565eu			
2000	2030	mtwhfa	Albania, R Tirana	English	7465va				
2000	2030		Australia, ABC/R Australia	English	6080as	9500va			
2000	2030		Austria, AWR Europe	Dyula	11955af				
2000	2030		China, China R International	Esperanto	7265eu	9745eu			
2000	2030		China, China R International	French	7350af	9645af			
2000	2030		China, China R International	Serbian	7325eu	7355eu	7390eu	9585eu	
2000	2030	Sun	Clandestine, VO Wilderness	Korean	7375as				
2000	2030		Cuba, R Havana Cuba	French	17720am				
2000	2030		Egypt, R Cairo	English	15290af				
2000	2030		France, AWR Europe	French	11830af				
2000	2030		Germany, AWR Europe	French	9610af	17610af			
2000	2030		India, AIR/External Svc	French	9620af	11710af	13640af		
2000	2030	irreg	Nigeria, VO Nigeria	Hausa	7255af				
2000	2030		Serbia, International R Serbia	German	6100eu				
2000	2030	Sat	Serbia, International R Serbia	Serbian	6100eu				
2000	2030	Sat/Sun	Swaziland, TWR Africa	English	3200af				
2000	2030		Turkey, VO Turkey	French	9535af	9635eu			
2000	2030	f	UK, BBC World Service	Hausa	11660af	15105af	17885af		
2000	2030		USA, VO America	English	4930af	15580af			
2000	2030		USA, VO America	French	6005af	9815af	11900af	15730af	
					17530af				
2000	2030		Vatican City State, Vatican R	English	11625af	13765af			
2000	2030		Vietnam, VO Vietnam/Overseas Svc	German	9430eu				
2000	2030		Vietnam, VO Vietnam/Overseas Svc	Russian	7280eu	9730eu			
2000	2045		India, AIR/External Svc	Hindi	7550eu	11670eu			
2000	2045	DRM	India, AIR/External Svc	Hindi	9950eu				
2000	2050	DRM	New Zealand, R New Zealand Intl	English	11675pa				
2000	2055		Saudi Arabia, BSKSA/External Svc	Turkish	9675me				
2000	2056	DRM	Romania, R Romania Intl	French	9800eu				
2000	2056		Romania, R Romania Intl	French	11975af				
2000	2057		Germany, Deutsche Welle	English	11865af				
2000	2057		North Korea, Korean Central BC Sta	Korean	7210af	9425eu	9875va	11635va	
					11910af	12015eu			
2000	2057		North Korea, VO Korea	French	13760eu	15245eu			
2000	2100		Algeria, R Algerienne	Arabic/French	9375af	11765af			
2000	2100	irreg	Angola, Angolan Natl R	French	7217af				
2000	2100		Angola, R Nac de Angola	Portuguese	4950do				
2000	2100		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
2000	2100	mtwhf	Antarctica, R Nac Arcangel San Gabriel	Spanish	15476sa				
2000	2100	mtwhf	Argentina, RAE	French	15345eu				
2000	2100	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am			
2000	2100		Australia, ABC/R Australia	English	9580pa	11650va	11660va	12080pa	
					15515va				
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	Arabic	9745me				
2000	2100	Belarus, Belaruskaje Radyjo 1	Belarusian	6080eu				
2000	2100	Bolivia, R Cultural Juan XXIII	Spanish/Quechua	6054do				
2000	2100	Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
2000	2100	Bolivia, R Lipez	Spanish/Aymara	4796do				
2000	2100	Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
2000	2100	Bolivia, R San Miguel	Spanish	4699do				
2000	2100	Bolivia, R Santa Ana	Spanish	4451do				
2000	2100	Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
2000	2100	Bolivia, R Tacana	Spanish	4782do				
2000	2100	Brazil, Educadora/Braganca	Portuguese	4825do				
2000	2100	Brazil, R Alvorada/Londrina	Portuguese	4865do				
2000	2100	Brazil, R 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 Guaiba	Portuguese	6000do	11785do			
2000	2100	Brazil, R Guaruja 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	7235va		
2000	2100	China, China R International	Chinese	7245eu	7335eu	7405af	7440eu	
				9865me				
2000	2100	China, China R International	English	5960eu	5985af	7285eu	7295va	
				9440af				
2000	2100	China, China R International	Polish	6020eu	6145eu	7305eu		
2000	2100	China, China R International	Russian	7255eu				
2000	2100	China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do	
				6030do	6080do	6125do	6145do	
				6175do	6180do	7215do	7275do	
				7290do	7305do	7345do	9455do	
				9500do	9655do	9810do		



2000	2100		China, Xinjiang PBS	Chinese	4820do 7340do	5935do	6050do	7240do
2000	2100		China, Xizang PBS	Chinese	4820do 7240do	5935do 7450do	6050do 11950do	6145do
2000	2100		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do
2000	2100		Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
2000	2100		Clandestine, JSR Shiokaze	Chinese/Korean	6075as			
2000	2100	f	Clandestine, JSR Shiokaze	English	6075as			
2000	2100	mwh	Clandestine, JSR Shiokaze	Japanese	6135as			
2000	2100	Sat/Sun	Clandestine, JSR Shiokaze	Japanese/Korean	5965as			
2000	2100		Clandestine, R Free Chosun	Korean	7505as			
2000	2100		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
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		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	15225pa			
2000	2100		Egypt, R Cairo	French	12050eu			
2000	2100		Egypt, R Cairo	Hausa	15710af			
2000	2100		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af			
2000	2100	irreg	Eqt Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
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/vernaculars	9705do			
2000	2100	1st Sat	Finland, Scandinavian Weekend R	English/Finnish	6170eu			
2000	2100		France, R France International	French	7205af	9790af	11995af	
2000	2100		Germany, AWR Europe	Arabic	11610va			
2000	2100		Germany, Deutsche Welle	English	11800af	12070af	15275af	
2000	2100		Germany, HCJB Germany	German	3995eu	7365eu		
2000	2100		Germany, R 6150	English	6070eu			
2000	2100		Germany, R 700 Kurzwelldienst	German	3985eu			
2000	2100		Greece, ERT3/R Sta Macedonia	Greek	7450eu			
2000	2100		Greece, Voice of Greece	Greek	7450eu	9420eu	15630eu	
2000	2100		Guatemala, R Verdad	English/Spanish	4055do			
2000	2100	Sun/irreg	Guinea, RTV Guinee	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	irreg	Indonesia, VO Indonesia	French	9526eu			
2000	2100		Iran, VOIRI	Arabic	12080as			
2000	2100		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2000	2100		Japan, R Japan/NHK World	Japanese	9560as 11965af	9625as	11725as	11910af
2000	2100		Kuwait, R Kuwait	Arabic	6050me	17550na		
2000	2100		Kuwait, R Kuwait	English	15540eu			
2000	2100		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil		5965do	6050do	
2000	2100		Malaysia, RTM/Traxx FM	English	7295do			
2000	2100		Mali, ORTM/R Mali	English/Arabic/Bambara/French		5995do		
2000	2100		Mauritania, R Mauritanie	Arabic/French/vernaculars		4845do		
2000	2100		Mexico, R Educacion	English/Spanish	6185do			
2000	2100		Micronesia, V6MP/Cross R/Pohnpei	English	4755as			
2000	2100		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
2000	2100		New Zealand, R New Zealand Intl	English	11725pa			
2000	2100		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2000	2100		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2000	2100	irreg	Nigeria, VO Nigeria	French	7255af			
2000	2100		Oman, R Sultanate of Oman	Arabic	15140eu			
2000	2100		Papua New Guinea, R Buka	Tok Pisin	3325do			
2000	2100		Papua New Guinea, R Central	English/Tok Pisin	3290do			
2000	2100		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
2000	2100		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2000	2100		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
2000	2100		Papua New Guinea, R Western	English/Tok Pisin	3305do			
2000	2100		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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				
2000	2100		Peru, R Cusco	Spanish	4780do	4800al			
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	7215eu				
2000	2100		Russia, VO Russia	Arabic	9895me	12110me			
2000	2100		Russia, VO Russia	French	11635af				
2000	2100	DRM	Russia, VO Russia	Spanish	6155eu				
2000	2100		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do			
2000	2100		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870eu			
2000	2100		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af		
2000	2100		Solomon Islands, SIBC	English/Pidgin	5020do	9545do			
2000	2100		South Africa, R Sonder Grense	Afrikaans	3320af				
2000	2100		South Korea, KBS World R	Arabic	13585af				
2000	2100		South Korea, KBS World R	French	5950	qf			
2000	2100		South Korea, KBS World R	German	3955eu				
2000	2100	Sat/Sun	Spain, R Exterior de Espana	English	9570af				
2000	2100	mtwhf	Spain, R Exterior de Espana	French	9685me	11615af			
2000	2100	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa	17755af	
2000	2100	Sun	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa		
2000	2100	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu				
2000	2100		Sudan, R Omdurman	Arabic	7205af				
2000	2100		Taiwan, R Taiwan Intl	Spanish	3965eu				
2000	2100	irreg	Tanzania, Zanzibar BC	Swahili	11735af				
2000	2100		Turkey, VO Turkey	Turkish	5960va	9460eu			
2000	2100		UK, BBC World Service	Arabic	15480af				
2000	2100		UK, BBC World Service	English	11810af	12095af	15400af		
2000	2100		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
2000	2100		USA, Overcomer Ministry	English	7490am	9370na	9980va	11775af	
2000	2100		USA, R Free Asia	Mandarin	5890as	6140as	7260as	7355as	
					7435as	9355as	9455as	9905as	
					11785as				
2000	2100		USA, R Marti	Spanish	9565ca	11930ca			
2000	2100		USA, RFE/RL/R Farda	Farsi	5860as	7585as			
2000	2100		USA, VO America	Korean	5900as	6060as	7365as		
2000	2100		USA, WBCQ Monticello ME	English	15420na				
2000	2100	mtwhf	USA, WBCQ Monticello ME	English	7490na				
2000	2100		USA, WEWN/Irondale AL	English	15610eu				
2000	2100		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa			
2000	2100	Sun	USA, WHRI Cypress Crk SC	English	17510va				
2000	2100		USA, WINB Red Lion PA	English	13570am				
2000	2100		USA, WJHR Intl Milton FL	English	15550usb				
2000	2100	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am				
2000	2100		USA, WTWW Lebanon TN	English	9479na	9930sa			
2000	2100		USA, WTWW Lebanon TN	French	12105eu				
2000	2100		USA, WWCR Nashville TN	English	9980ca	12160af	13845na	15825eu	
2000	2100	irreg	USA, WWRB Manchester TN	English	9370na				
2000	2100		Vanuatu, R Vanuatu	English/Bislama/French		3945do	7260do		
2000	2100		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do		
2000	2100		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do		
2000	2100	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af			
2020	2100		Belarus, R Belarus	English	7255eu	11730eu			
2030	2045		Canada, Bible VO Broadcasting	Arabic	9515af				
2030	2045		Thailand, R Thailand World Svc	English	9390eu				
2030	2056	DRM	Romania, R Romania Intl	English	9800eu				
2030	2056		Romania, R Romania Intl	English	11745na	11975eu	13800na		
2030	2100		Australia, ABC/R Australia	English	9500va	11695va			
2030	2100		Austria, AWR Europe	French	15155af				
2030	2100		China, China R International	Bulgarian	9720eu	11940eu			
2030	2100		China, China R International	French	9430eu	11660eu			
2030	2100		China, China R International	Hungarian	7390eu	9585eu			
2030	2100		China, China R International	Italian	7265eu	7345eu			
2030	2100		Cuba, R Havana Cuba	Arabic	17720eu				
2030	2100		Germany, AWR Europe	Yoruba	11755af				
2030	2100		Iran, VOIRI	Albanian	6090eu	9830eu			
2030	2100		Iran, VOIRI	Spanish	7315eu	9760sa			
2030	2100		Japan, R Japan/NHK World	French	11850af				

2030	2100		Serbia, International R Serbia	French	6100eu				
2030	2100		Turkey, VO Turkey	English	7205va				
2030	2100		USA, VO America	English	4930af	6080af		15580af	
2030	2100	Sat/Sun	USA, VO America	English	4940af				
2030	2100	Sun	USA, VO America	French	9885af	15730af			
2030	2100	Sat/Sun	USA, VO America	French	15185af				
2030	2100	mtwhf	USA, VO America	Hausa	4940af	7325af		9815af	11885af
2030	2100	Sat	USA, VO America	Hausa	9885af	15730af			
2030	2100	mtwhf	USA, VO America	Hausa	6035af				
2030	2100		Vatican City State, Vatican R	French	11625af	13765af			
2030	2100		Vietnam, VO Vietnam/Overseas Svc	English	7220me	7280eu		9550eu	9730eu
2030	2100		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	11840eu				
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	9390eu				
2055	2100		China, CNR/China Business R	Chinese	3985do	6000do		6040do	6065do
					6090do	6155do		6190do	7245do
					7265do				
2055	2100		China, CNR/VO Minorities	Korean	5955do	5975do		6055do	
2055	2100		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	7355do		9410do	9665do

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

2100	2115		Ecuador, HCJB/LV de los Andes	Tachelhit	7300af				
2100	2115		Egypt, R Cairo	French	12050eu				
2100	2115		Thailand, R Thailand World Svc	Thai	9390eu				
2100	2127		Iran, VOIRI	Albanian	6090eu	9830eu			
2100	2127		Iran, VOIRI	Spanish	7315eu	9760sa			
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	11955af				
2100	2130		China, China R International	Albanian	6145eu				
2100	2130		China, China R International	Serbian	7325eu	7445eu			
2100	2130		Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2100	2130		Japan, R Japan/NHK World	Japanese	9560as				
2100	2130		Serbia, International R Serbia	English	6100eu				
2100	2130		South Korea, KBS World R	English	3955eu				
2100	2130		Turkey, VO Turkey	English	7205va				
2100	2130	mtwhf	USA, VO America	French	9690af	9815af		9885af	11900af
2100	2130		Vietnam, VO Vietnam/Overseas Svc	French	7220eu	7280eu		9730eu	
2100	2130		Vietnam, VO Vietnam/Overseas Svc	Vietnamese	11840eu				
2100	2150	DRM	New Zealand, R New Zealand Intl	English	11725pa				
2100	2150		New Zealand, R New Zealand Intl	English	15720pa				
2100	2156		Romania, R Romania Intl	Spanish	15300sa	17745sa			
2100	2157		Iran, VOIRI	Japanese	11765as	13710as			
2100	2157		North Korea, VO Korea	Chinese	7235as	9445as		9875as	11635as
2100	2157		North Korea, VO Korea	English	13760eu	15245eu			
2100	2157		North Korea, VO Korea	Japanese	3250as	9650as		11865as	
2100	2200	irreg	Algeria, R Algerienne	Arabic/French	9375af				
2100	2200		Angola, Angolan Natl R	English	7217af				
2100	2200		Angola, R Nac de Angola	Portuguese	4950do				
2100	2200		Anguilla, Caribbean Beacon/Univ Net	English	11775ca				
2100	2200	mtwhf/irreg	Antarctica, R Nac Arcangel San Gabriel	Spanish	15476sa				
2100	2200	mtwhf	Argentina, RAE	German	15345eu				
2100	2200	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am			
2100	2200		Australia, ABC/R Australia	English	9500va	9660va		11650va	11695va
					13630pa	15515va			
2100	2200		Australia, Symban World R	Greek	2369do				
2100	2200		Bahrain, R Bahrain	Arabic	9745me				
2100	2200		Belarus, R Belarus	English	7255eu	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	9625do			
2100	2200		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
2100	2200		Bolivia, R Logos	Spanish/Aymara/German		4865do		6165do	
2100	2200		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
2100	2200		Bolivia, R Panamericana	Spanish	5765do	6105do			
2100	2200		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
2100	2200		Bolivia, R San Jose	Spanish	5580do				
2100	2200		Bolivia, R San Miguel	Spanish	4699do				
2100	2200		Bolivia, R Santa Ana	Spanish	4451do				
2100	2200		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
2100	2200		Bolivia, R Tacana	Spanish	4782do				
2100	2200		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				
2100	2200		Brazil, Educadora/Braganca	Portuguese	4825do				
2100	2200		Brazil, 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/Macapa	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 R International	Arabic	6100va	6185va	7235va	
2100	2200	China, China R International	Croatian	6135eu	7225eu		
2100	2200	China, China R International	English	5960eu	7205af	7285eu	7325af
				7415eu	9600eu		
2100	2200	China, China R International	French	9430eu	11660eu		
2100	2200	China, China R International	Korean	7290as			
2100	2200	China, China R International	Spanish	7335eu	9640eu		
2100	2200	China, CNR/China Business R	Chinese	3985do	6000do	6040do	6065do
				6090do	6155do	6190do	7245do
				7265do			
2100	2200	China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do
				6030do	6080do	6125do	6145do
				6175do	6180do	7215do	7275do
				7290do	7305do	7345do	9455do
				9500do	9655do	9810do	
2100	2200	China, CNR/VO Minorities	Korean	5955do	5975do	6055do	
2100	2200	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do
2100	2200	China, Hunan PBS	Chinese	3900do			
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	6130do	7385do
2100	2200	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as	
2100	2200	Clandestine, Open R for N Korea	Korean	7480as			

2100	2200		Clandestine, VO the People	Korean	3480as 6518as	3912as 6600as	4450as	4557as
2100	2200		Colombia, La Voz de tu Conciencia	Spanish	6010do			
2100	2200		Colombia, La Voz del Guaviare	Spanish	6035do			
2100	2200		Colombia, R Alcaravan	Spanish	5910do			
2100	2200		Cuba, R Havana Cuba	Spanish	5040na	9710am	9810ca	17705sa
2100	2200		Cuba, R Rebelde	Spanish	5025na			
2100	2200		Dominican Rep, R Amanecer Intl	Spanish	6025do			
2100	2200		Ecuador, Centro R de Imbabura	Spanish	3380do			
2100	2200		Egypt, R Cairo	Arabic	15225pa			
2100	2200		Egypt, R Cairo	English	11890eu			
2100	2200		Egypt, R Cairo	French	15205af			
2100	2200		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af			
2100	2200	irreg	Eq Guinea, Fernando Poo/R Malabo	Spanish/vernaculars	6250do			
2100	2200		Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do			
2100	2200	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu			
2100	2200		France, R France International	French	7205af	9790af	11995af	
2100	2200		Germany, Deutsche Welle	English	11800af	11865af	12070af	
2100	2200		Germany, HCJB Germany	German	3995eu	7365eu		
2100	2200		Germany, R 6150	English	6070eu			
2100	2200		Germany, R 700 Kurzwelldienst	German	3985eu			
2100	2200		Greece, ERT3/R Sta Macedonia	Greek	7450eu			
2100	2200		Greece, Voice of Greece	Greek	7450eu	9420eu	15630eu	
2100	2200		Guatemala, R Verdad	English/Spanish	4055do			
2100	2200	Sun/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 11670eu	9445eu 11740pa	9910pa	11620pa
2100	2200	DRM	India, AIR/External Svc	English	9950eu			
2100	2200		India, AIR/Natl Channel	English/Hindi/Urdu	9425do	9470do		
2100	2200	Sat/Sun	Indonesia, AWR Asia/Pacific	Cantonese	11750as	15420as		
2100	2200	mtwhf	Indonesia, AWR Asia/Pacific	Chinese	11750as	15420as		
2100	2200		Indonesia, AWR Asia/Pacific	Korean	11790as			
2100	2200		Indonesia, RRI Fak Fak	Indonesian	4790do			
2100	2200		Indonesia, RRI Kendari	Indonesian	3995do			
2100	2200		Indonesia, RRI Makassar	Indonesian	4750do			
2100	2200		Indonesia, RRI Serui	Indonesian	4605do			
2100	2200		Indonesia, RRI Ternate	Indonesian	3345do			
2100	2200		Indonesia, RRI Wamena	Indonesian	4870do			
2100	2200		Iran, VOIRI	Arabic	12080as			
2100	2200		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2100	2200		Japan, R Japan/NHK World	Indonesian	9560as			
2100	2200		Japan, R Japan/NHK World	Japanese	11725as	11910af	11965af	13680af
2100	2200		Kuwait, R Kuwait	Arabic	17550na			
2100	2200		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do		
2100	2200		Malaysia, RTM/Traxx FM	English	7295do			
2100	2200		Mali, ORTM/R Mali	English/Arabic/Bambara/French	5995do			
2100	2200		Mauritania, R Mauritanie	Arabic/French/vernaculars	4845do			
2100	2200		Mexico, R Educacion	English/Spanish	6185do			
2100	2200		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
2100	2200		Morocco, R Mediterranee Intl/Medi 1	Arabic/French	9579va			
2100	2200		Niger, ORTN /La Voix du Sahel	French/Hausa/vernaculars		9705do		
2100	2200		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do		
2100	2200	irreg	Nigeria, VO Nigeria	Fulfulde	7255af			
2100	2200		Oman, R Sultanate of Oman	Arabic	15140eu			
2100	2200		Papua New Guinea, R Buka	Tok Pisin	3325do			
2100	2200		Papua New Guinea, R Central	English/Tok Pisin	3290do			
2100	2200		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
2100	2200		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2100	2200		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
2100	2200		Papua New Guinea, R Western	English/Tok Pisin	3305do			
2100	2200		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	Chinese	6115as			
2100	2200	DRM	Russia, VO Russia	Portuguese	6155eu			
2100	2200		Rwanda, R Rep Rwandaise	French/Kinyarwanda/Swahili		6055do		
2100	2200		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870eu		
2100	2200		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af	
2100	2200		Solomon Islands, SIBC	English/Pidgin	5020do	9545do		
2100	2200		South Africa, R Sonder Grense	Afrikaans	3320af			
2100	2200	Sun	Spain, E Exterior de Espana	Spanish	11815sa	17715sa		
2100	2200	Sat/Sun	Spain, R Exterior de Espana	English	9570af	9660eu		
2100	2200	mtwhf	Spain, R Exterior de Espana	Portuguese	17595sa			
2100	2200	Sat	Spain, R Exterior de Espana	Spanish	9765ca	11815sa	17715sa	17755af
2100	2200	Sat/Sun	Spain, R Exterior de Espana	Spanish	7275eu			
2100	2200		Taiwan, R Taiwan Intl	German	3965eu			
2100	2200	mtwhf	UK, BBC World Service	English	9915af	11810af	12095af	
2100	2200		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
2100	2200		USA, Overcomer Ministry	English	7490am	9370na	9980va	
2100	2200		USA, R Free Asia	Korean	7460as	9610as	11945as	
2100	2200		USA, R Free Asia	Mandarin	5890as	6140as	7355as	7435as
					9455as	9905as		
2100	2200		USA, R Marti	Spanish	9565ca	11930ca		
2100	2200		USA, RFE/RL/R Farda	Farsi	5860as	7585as		
2100	2200		USA, VO America	English	6080af	15580af		
2100	2200	Sun	USA, WBCQ Monticello ME	English	7490na			
2100	2200		USA, WEWN/Irondale AL	English	15610eu			
2100	2200		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa		
2100	2200	Sun	USA, WHRI Cypress Crk SC	English	17510va			
2100	2200	m	USA, WINB Red Lion PA	English	9265am			
2100	2200		USA, WJHR Intl Milton FL	English	15550usb			
2100	2200	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
2100	2200		USA, WTWW Lebanon TN	English	9479na	9930sa		
2100	2200		USA, WTWW Lebanon TN	French	12105eu			
2100	2200		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na
2100	2200	irreg	USA, WWRB Manchester TN	English	3215na	9370na		
2100	2200		Vanuatu, R Vanuatu	English/Bislama/French		3945do		
2100	2200		Vietnam, VO Vietnam 1/Son Tay	Vietnamese/vernaculars		7435do	9635do	
2100	2200		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
2100	2200	irreg	Zimbabwe, VO Zimbabwe	English/Ndebele/Shona		4828af		
2115	2145		Ecuador, HCJB/LV de los Andes	Arabic	7300af			
2125	2200		Vanuatu, R Vanuatu	English/Bislama/French		3945do	7260do	
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	9430eu	11660eu		
2130	2200		China, China R International	Hungarian	6145eu	7445eu		
2130	2200		China, Hulun Buir PBS	Chinese	3900do			
2130	2200	mtwhf	Ecuador, HCJB/LV de los Andes	Cha'palaa	6050sa			
2130	2200		Iran, VOIRI	Bosnian Serbo-Croatian		9810eu	11685eu	
2130	2200		Japan, R Japan/NHK World	Portuguese	11870sa	17540sa		
2130	2200	f	Serbia, International R Serbia	Serbian	6100eu			
2130	2200	mtwhf	USA, VO America	Bambara	7310va	9620af	13670af	15110af
2140	2200		Vatican City State, Vatican R	Arabic	5980eu	7250af	9645me	
2145	2200	hfasmnt	UK, FEBA Radio	Hassinya	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, CNR/VO Shenzhou	Amoy/Chinese	6165do			

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

2200	2215	hfasmnt	UK, FEBA Radio	Hassinya	11985af			
2200	2227		Iran, VOIRI	Bosnian Serbo-Croatian		9810eu	11685eu	
2200	2230	irreg	Chad, Natl du Tchadadienne	Arabic/French/vernaculars		6165do		
2200	2230		China, China R International	French	9430eu	11660eu		
2200	2230		Cuba, R Havana Cuba	French	11880af			
2200	2230		Germany, HCJB Germany	German	3995eu	7365eu		
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	15435as			
2200	2230	mwfa	Indonesia, AWR Asia/Pacific	Sudanese	15435as			
2200	2230		Indonesia, RRI Fak Fak	Indonesian	4790do			
2200	2230		Japan, R Japan/NHK World	Korean	9560as			
2200	2230		USA, RFE/RL/R Farda	Farsi	5860as			
2200	2230		USA, VO America	Khmer	5905as	9320as		
2200	2230		Vatican City State, Vatican R	Chinese	9600as	15470as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Chinese	7220as	12000as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Japanese	9840as	12020as		
2200	2230		Vietnam, VO Vietnam/Overseas Svc	Thai	7285as			
2200	2245		Zambia, Zambia Natl BC	English/Bemba/vernaculars		5915do	6165do	
2200	2250		Greece, ERT3/R Sta Macedonia	Greek	7450eu			
2200	2250		Greece, Voice of Greece	Greek	7450eu			
2200	2255		Saudi Arabia, BSKSA/First Gen Pgm	Arabic	9555af	9870eu		
2200	2255		Saudi Arabia, BSKSA/Quran Pgm	Arabic	11820eu	11915af	11930af	
2200	2256		Romania, R Romania Intl	English	7430eu	9540eu	9790as	11940as
2200	2257		North Korea, VO Korea	Chinese	7235as	9445as	9875as	11635as
2200	2257		North Korea, VO Korea	Japanese	3250as	9650as	11865as	
2200	2257		North Korea, VO Korea	Spanish	13760eu	15245eu		
2200	2300		Angola, R Nac de Angola	Portuguese	4950do			
2200	2300		Anguilla, Caribbean Beacon/Univ Net	English	6090ca			
2200	2300	mtwhf	Argentina, RAE	Spanish	6060am	11710am	15345am	
2200	2300	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am		
2200	2300		Australia, ABC/R Australia	English	9660va	9855as	12080pa	13630pa
					15240va	15415va	15515va	
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	Arabic	9745me			
2200	2300		Belarus, R Belarus	Russian	7255eu	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	9625do		
2200	2300		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do		
2200	2300		Bolivia, R Lipetz	Spanish/Aymara	4796do			
2200	2300		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do	
2200	2300		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars	3310do			
2200	2300		Bolivia, R Panamericana	Spanish	5765do	6105do		
2200	2300		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al		
2200	2300		Bolivia, R San Jose	Spanish	5580do			
2200	2300		Bolivia, R San Miguel	Spanish	4699do			
2200	2300		Bolivia, R Santa Ana	Spanish	4451do			
2200	2300		Bolivia, R Santa Cruz	Spanish/Aymara	6135do			
2200	2300		Bolivia, R Tacana	Spanish	4782do			
2200	2300		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do			
2200	2300		Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al		
2200	2300		Brazil, Educadora/Braganca	Portuguese	4825do			
2200	2300		Brazil, 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 Guaiiba	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 Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
				7350do	7360do	9480do		
2200	2300	China, China R International	Chinese	5975af	6100as	6140af	7215as	
				7265af	7325as	7395af	7430af	
				9460pa	9675as			
2200	2300	China, China R International	English	9590as				
2200	2300	China, China R International	Esperanto	7315sa	9860sa			
2200	2300	China, China R International	Japanese	9535as	13640as			
2200	2300	China, China R International	Korean	7290as				
2200	2300	China, China R International	Portuguese	6175eu	7260eu	9410eu	9685sa	
2200	2300	China, China R International	Spanish	7210eu	7250eu	7335eu	9490eu	
				9640eu				
2200	2300	China, CNR/China Business R	Chinese	3985do	6000do	6040do	6065do	
				6090do	6155do	6190do	7245do	
				7265do				
2200	2300	China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do	
				6030do	6080do	6125do	6145do	
				6175do	6180do	7215do	7275do	
				7290do	7305do	7345do	9455do	
				9500do	9655do	9810do		
2200	2300	China, CNR/VO Minorities	Korean	5955do	5975do	6055do		
2200	2300	China, CNR/VO Shenzhou	Amoy/Chinese	6165do				
2200	2300	China, CNR/VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
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, Xinjiang PBS	Chinese	4820do	5935do	6050do	7240do	
2200	2300	China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
				7240do	7450do			
2200	2300	China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
2200	2300	Clandestine, Echo of Hope/VO Hope	Korean	3985as	6003as	6348as		
2200	2300	Clandestine, Echo of Unification	Korean	6250as				
2200	2300	fa Clandestine, Sound of Hope R Intl	Chinese	6280as				
2200	2300	Clandestine, Sound of Hope R Intl	Chinese	7200as	9635as			
2200	2300	Clandestine, VO the People	Korean	3480as	3912as	4450as	4557as	
				6518as	6600as			
2200	2300	Colombia, La Voz de tu Conciencia	Spanish	6010do				
2200	2300	Colombia, La Voz del Guaviare	Spanish	6035do				
2200	2300	Colombia, R Alcaravan	Spanish	5910do				
2200	2300	Cuba, R Havana Cuba	Portuguese	15230af				
2200	2300	Cuba, R Havana Cuba	Spanish	5040na	9710am	9810ca	17705sa	
2200	2300	Cuba, R Rebelde	Spanish	5025na				
2200	2300	Dominican Rep, R Amanecer Intl	Spanish	6025do				
2200	2300	Ecuador, Centro R de Imbabura	Spanish	3380do				
2200	2300	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2200	2300	Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
2200	2300	Egypt, R Cairo	English	9965eu				
2200	2300	Egypt, R Cairo	French	15205af				
2200	2300	Egypt, R Cairo/R VO of the Arabs	Arabic	11540af				
2200	2300	Eq Guinea, Rio Muni/R Bata	Spanish/vernaculars	5005do				



2200	2300	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu			
2200	2300		France, R France International	Chinese	7310as			
2200	2300		Germany, R 6150	English	6070eu			
2200	2300		Germany, R 700 Kurzwelldienst	German	3985eu			
2200	2300		Greece, Voice of Greece	Greek	9420eu	15630eu		
2200	2300		Guatemala, R Verdad	English/Spanish	4055do			
2200	2300	Sun/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	Chinese	11830as	15215as		
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		Iran, VOIRI	Arabic	12080as			
2200	2300		Israel, Galei Tzahal	Hebrew	6885usb	15850usb		
2200	2300		Japan, R Japan/NHK World	Japanese	11725as	11855as	11910af	13680af
2200	2300		Kuwait, R Kuwait	Arabic	17550na			
2200	2300		Malaysia, RTM Sarawak	Malay	9835do	11665do		
2200	2300		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	5965do	6050do	
2200	2300		Malaysia, RTM/Traxx FM	English	7295do			
2200	2300		Mali, ORTM/R Mali	English/Arabic/Bambara/French	5995do	5995do		
2200	2300		Mauritania, R Mauritanie	Arabic/French/vernaculars	4845do	4845do		
2200	2300		Mexico, R Educacion	English/Spanish	6185do			
2200	2300		Mexico, R Mil	Spanish	6010do			
2200	2300		Micronesia, V6MP/Cross R/Pohnpei	English	4755	as		
2200	2300		Mongolia, Mongolian R/Pgm 2	Mongolian	4830do	4895do	7260do	
2200	2300		Morocco, R Mediterranean Intl/Medi 1	Arabic/French	9579va			
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	irreg	Nigeria, VO Nigeria	Hausa	7255af			
2200	2300		Oman, R Sultanate of Oman	Arabic	15355eu			
2200	2300		Papua New Guinea, R Buka	Tok Pisin	3325do			
2200	2300		Papua New Guinea, R Central	English/Tok Pisin	3290do			
2200	2300		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do			
2200	2300		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do			
2200	2300		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do			
2200	2300		Papua New Guinea, R Western	English/Tok Pisin	3305do			
2200	2300		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do			
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	4800af		
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	Philippines, R Veritas Asia	Chinese	6115as				
2200	2300	Russia, VO Russia	English	9465ca				
2200	2300	Russia, VO Russia	Portuguese	12060sa				
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	3320af				
2200	2300	South Korea, KBS World R	Chinese/Mandarin	7275as				
2200	2300	South Korea, KBS World R	English	11810eu				
2200	2300	South Korea, KBS World R	Indonesian	9805as				
2200	2300	Spain, R Exterior de Espana	Spanish	9570af				
2200	2300	Sat/Sun	Spain, R Exterior de Espana	Spanish	9765ca	11815sa		
2200	2300		Taiwan, R Taiwan Intl	Chinese	6105as	6150as	11635as	11885as
2200	2300		Taiwan, R Taiwan Intl	Japanese	11605as			
2200	2300		Taiwan, R Taiwan Intl	Thai	7445as			
2200	2300		Turkey, VO Turkey	English	9830va			
2200	2300		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb
2200	2300		USA, Overcomer Ministry	English	7490am	9370na	9980va	
2200	2300		USA, R Free Asia	Cantonese	11785as	15290as		
2200	2300		USA, R Free Asia	Tibetan	7505as	9815as	9880as	
2200	2300		USA, R Marti	Spanish	9565ca	11930ca		
2200	2300		USA, RFE/RL/R Farda	Farsi	7585as			
2200	2300		USA, VO America	Chinese	6135as	9845as		
2200	2300	smtwh	USA, VO America	English	5915va	7480va	7575va	12150va
2200	2300		USA, WBCQ Monticello ME	English	7490na			
2200	2300		USA, WEWN/Irondale AL	English	15610eu			
2200	2300		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa		
2200	2300	Sat/Sun	USA, WHRI Cypress Crk SC	English	11775eu			
2200	2300	m	USA, WINB Red Lion PA	Spanish	9265am			
2200	2300	Sat/Sun	USA, WRMI Miami FL	English/Spanish	9955am			
2200	2300		USA, WTWW Lebanon TN	English	9479na	9930sa		
2200	2300		USA, WTWW Lebanon TN	French	12105eu			
2200	2300		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na
2200	2300	irreg	USA, WWRB Manchester TN	English	3215na	9370na		
2200	2300		Vanuatu, R Vanuatu	English/Bislama/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			
2215	2300		Egypt, R Cairo	Portuguese	15480sa			
2220	2300		China, Gannan PBS	Chinese/Tibetan	3990do	5970do		
2220	2300		India, AIR/Srinagar	English/Hindi/vernaculars		4950do		
2225	2300		China, VO the Strait	Chinese	4940do	9505do		
2230	2250		Japan, R Japan/NHK World	Chinese	9560as			
2230	2300	Sat/Sun	Australia, HCJB Global Australia	Japanese	15525as			
2230	2300	mtwhf	Australia, HCJB Global Australia	Mandarin	15525as			
2230	2300		China, China R International	Chinese	15505af			
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		Cuba, R Havana Cuba	French	15370sa			
2230	2300		Cuba, R Havana Cuba	Portuguese	17720eu			
2230	2300		Indonesia, AWR Asia/Pacific	English	15320as			
2230	2300		Iran, VOIRI	Malay	9785as	11870as		
2230	2300		Laos, Lao Natl R/Vientane	Khmu	6130do			
2230	2300		Philippines, FEBC Philippines	Chinese	9405as			
2230	2300		USA, R Free Asia	Khmer	5885as	13740as		
2230	2300		USA, RFE/RL/R Farda	Farsi	5860as			
2230	2300		USA, Suab Xaa Moo Zoo/VO Hope	Hmong	7530as			
2230	2300		USA, VO America	English/Special	5820va	7460va	9570va	
2230	2300		Vietnam, VO Vietnam/Overseas Svc	Chinese	9840as	12020as		
2230	2300		Vietnam, VO Vietnam/Overseas Svc	Khmer	7285as			
2245	2300		Colombia, Salem Stereo	Spanish	14950do			
2245	2300		Ecuador, HCJB/LV de los Andes	Kulina	11920sa			
2245	2300		India, AIR/External Svc	English	9690as	9705as	11710as	13605as
2245	2300	DRM	India, AIR/External Svc	English	11645as			
2255	2300		Japan, R Japan/NHK World	Japanese	13650af			

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

2300	0000	Albania, R Tirana	Albanian	9850eu				
2300	0000	Angola, R Nac de Angola	Portuguese	4950do				

2300	0000		Anguilla, Caribbean Beacon/Univ Net	English	6090ca				
2300	0000	mtwhf	Argentina, RAE	Spanish	6060am	11710am	15345am		
2300	0000	Sat/Sun	Argentina, RAE	Spanish	6060am	15345am			
2300	0000		Australia, ABC/R Australia	English	9660va	9855as	12080pa	15240va	
					15415va	17795pa	19000va	21740va	
2300	0000		Australia, HCJB Global Australia	Indonesian	15400as				
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	Arabic	9745me				
2300	0000		Bolivia, R Camargo	Spanish/Aymara	3390do				
2300	0000		Bolivia, R Fides	Spanish/Aymara	6155do	9625do			
2300	0000		Bolivia, R Illimani/R Patria Nueva	Spanish/Aymara/Quechua		6025do			
2300	0000		Bolivia, R Logos	Spanish/Aymara/German		4865do	6165do		
2300	0000		Bolivia, R Mosoj Chaski	Spanish/Quechua/vernaculars		3310do			
2300	0000		Bolivia, R Panamericana	Spanish	5765do	6105do			
2300	0000		Bolivia, R Pio XII	Spanish/Quechua	5952do	5955al			
2300	0000		Bolivia, R San Jose	Spanish	5580do				
2300	0000		Bolivia, R San Miguel	Spanish	4699do				
2300	0000		Bolivia, R Santa Ana	Spanish	4451do				
2300	0000		Bolivia, R Santa Cruz	Spanish/Aymara	6135do				
2300	0000		Bolivia, R Tacana	Spanish	4782do				
2300	0000		Bolivia, R Virgen de los Remedios	Spanish/Aymara	4111do				
2300	0000		Bolivia, Yatun Ayllu Yura/R Yura	Spanish/Quechua	4717do	4715al			
2300	0000		Brazil, Educadora/Braganca	Portuguese	4825do				
2300	0000		Brazil, R Alvorada/Londrina	Portuguese	4865do				
2300	0000		Brazil, R Alvorada/Paritins	Portuguese	4965do				
2300	0000		Brazil, R Ananguera	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		China, China Natl R/CNR 11	Tibetan	4905do	4920do	5240do	6010do	
					7350do	7360do	9480do		
2300	0000		China, China R International	Cantonese	6140as	7325as	9460as	11945as	
					15100as				
2300	0000		China, China R International	Chinese	7295af	7370eu	9865eu	11900as	
2300	0000		China, China R International	English	5915as	5990ca	7350eu	7410as	
					11690as	11790as	11955as		
2300	0000		China, China R International	Japanese	11680as	13640as			
2300	0000		China, China R International	Khmer	9765as	11990	ss		
2300	0000		China, China R International	Mongolian	9810as	12085as			
2300	0000		China, China R International	Portuguese	9560sa	13650sa			
2300	0000		China, China R International	Russian	7405as	9445as			
2300	0000		China, China R International	Spanish	7210eu	7250eu	9590eu	9590sa	
2300	0000		China, China R International	Vietnamese	7220as	11620as			
2300	0000		China, CNR/China Business R	Chinese	3985do	6000do	6040do	6065do	
					6090do	6155do	6190do	7220do	
					7245do				
2300	0000		China, CNR/VO China	Chinese	4750do	4800do	5945do	6000do	
					6030do	6080do	6125do	6145do	
					6175do	6180do	7215do	7275do	
					7290do	7305do	7345do	9455do	
					9500do	9655do	9810do		
2300	0000		China, CNR/VO Minorities	Korean	5955do	5975do			
2300	0000		China, CNR/VO Minorities	Mongolian	5955do	7445do			
2300	0000		China, CNR/VO Shenzhou	Amoy/Chinese	6165do				
2300	0000		China, CNR/VO Zhonghua	Amoy/Chinese	5925do	7620do	9410do	9665do	
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	Sat/Sun mtwhf	China, VO Guangxi/Beibu Bay R	Chinese	5050as	9820as			
2300	0000		China, VO Guangxi/Beibu Bay R	Vietnamese	5050as	9820as			
2300	0000		China, VO the Strait	Amoy/Hakka	7280do				
2300	0000		China, VO the Strait	Chinese	4940do	9505do			
2300	0000		China, Xizang PBS	Chinese	4820do	5935do	6050do	6145do	
					7240do	7450do			
2300	0000		China, Xizang PBS	English/Tibetan	4905do	4920do	6130do	7385do	
2300	0000	fa	Clandestine, Echo of Unification	Korean	6250as				
2300	0000		Clandestine, Sound of Hope R Intl	Chinese	6280as				
2300	0000		Clandestine, Sound of Hope R Intl	Chinese	7310as				
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	English	11880af				
2300	0000		Cuba, R Havana Cuba	Spanish	6000na	6100am	9810ca	11680sa	
					11840sa	13780na	17705sa		
2300	0000		Cuba, R Rebelde	Spanish	5025na				
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		Ecuador, La Voz del Napo	Spanish/Quechua	3280do				
2300	0000		Egypt, R Cairo	English	9965na				
2300	0000		Egypt, R Cairo/R VO of the Arabs	Arabic	11540af				
2300	0000	1st fa	Finland, Scandinavian Weekend R	English/Finnish	6170eu				
2300	0000		France, R France International	Chinese	9955as				
2300	0000		Germany, R 6150	English	6070eu				
2300	0000		Germany, R 700 Kurzwellendienst	German	3985eu				
2300	0000		Greece, Voice of Greece	Greek	7475eu	9420eu	15650eu		
2300	0000		Guatemala, R Verdad	English/Spanish	4055do				
2300	0000	Sun/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	Chinese	11830as	17520as			
2300	0000	mtwhf	Indonesia, AWR Asia/Pacific	Vietnamese	17650as				
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, VOIRI	Arabic	12080as		
2300	0000		Israel, Galei Tzahal	Hebrew	6885usb	15850usb	
2300	0000		Japan, R Japan/NHK World	Indonesian	15200as		
2300	0000		Japan, R Japan/NHK World	Japanese	13680af		
2300	0000		Japan, R Nikkei/Pgm 1	Japanese	3925as	6055as	9595as
2300	0000	smtwh	Japan, R Nikkei/Pgm 2	Japanese	3945as	6115as	9760as
2300	0000	fa	Japan, R Nikkei/Pgm 2	Japanese	9760as		
2300	0000		Kuwait, R Kuwait	Arabic	17550na		
2300	0000		Malaysia, RTM Sarawak	Malay	9835do	11665do	
2300	0000		Malaysia, RTM/Kajang	English/Malay/Chinese/Tamil	5965do	6050do	
2300	0000	c	Malaysia, RTM/Traxx FM	English	7295do		
2300	0000		Mali, ORTM/R Mali	English/Arabic/Bambara/French	5995do		
2300	0000		Mauritania, R Mauritania	Arabic/French/vernaculars	4845do		
2300	0000		Mexico, R Educacion	English/Spanish	6185do		
2300	0000		Mexico, R Mil	Spanish	6010do		
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	9579va		
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		Oman, R Sultanate of Oman	Arabic	15355eu		
2300	0000		Papua New Guinea, R Buka	Tok Pisin	3325do		
2300	0000		Papua New Guinea, R Central	English/Tok Pisin	3290do		
2300	0000		Papua New Guinea, R East New Britain	English/Tok Pisin	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	English/Tok Pisin	3345do		
2300	0000		Papua New Guinea, R Southern Highlands	Tok Pisin	3275do		
2300	0000		Papua New Guinea, R Vanimo	English/Tok Pisin	3205do		
2300	0000		Papua New Guinea, R Western	English/Tok Pisin	3305do		
2300	0000		Papua New Guinea, Wantok R Light	English/Tok Pisin/Motu	7235do		
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		Russia, VO Russia	English	9465ca		
2300	0000		Russia, VO Russia	Portuguese	12060sa		
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	3320af		
2300	0000		South Korea, KBS World R	Chinese/Mandarin	9805as		

2300	0000	Sat/Sun	Spain, R Exterior de Espana	French	6155eu				
2300	0000		Spain, R Exterior de Espana	French	6055na				
2300	0000		Spain, R Exterior de Espana	Spanish	9535ca	9620sa	15160va		
2300	0000	Sat/Sun	Spain, R Exterior de Espana	Spanish	11625af				
2300	0000		Taiwan, R Taiwan Intl	Chinese	6105as	6150as	9660as	9685as	
					11635as				
2300	0000		Taiwan, R Taiwan Intl	Thai	7445as				
2300	0000		Tajikistan, TR1/R Tojikiston	Tajik/Uzbek	4765do				
2300	0000		UK, BBC World Service	English	3915as	6195as	7490as	9740as	
					9890as	11850as	12010as		
2300	0000		USA, AFN/AFRTS	English	4319usb	5765usb	12759usb	13362usb	
2300	0000		USA, Overcomer Ministry	English	9370na	9980va			
2300	0000		USA, R Free Asia	Mandarin	7540as	9440as	11760as	11785as	
					15430as	15585as			
2300	0000		USA, R Free Asia	Tibetan	6075as	9805as	9875as		
2300	0000		USA, R Marti	Spanish	9565ca	11930ca			
2300	0000		USA, RFE/RL/R Farda	Farsi	5860as	7585as			
2300	0000		USA, VO America	Burmese	6185as	7430as	9325as		
2300	0000		USA, VO America	English	5895va	7480va	7575va	12150va	
2300	0000		USA, VO America	English/Special	5820va	7460va	9490va	11840va	
2300	0000		USA, WBCQ Monticello ME	English	7490na				
2300	0000	Sat/Sun	USA, WBCQ Monticello ME	English	5110na				
2300	0000		USA, WEWN/Irondale AL	English	15610eu				
2300	0000		USA, WEWN/Irondale AL	Spanish	12050ca	13830sa			
2300	0000	Sat/Sun	USA, WHRI Cypress Crk SC	English	11775eu				
2300	0000	mtwhfs	USA, WHRI Cypress Crk SC	English	7315ca				
2300	0000	m	USA, WINB Red Lion PA	English	9265am				
2300	0000		USA, WTWW Lebanon TN	English	9479na	9930sa			
2300	0000		USA, WTWW Lebanon TN	Spanish	12105eu				
2300	0000		USA, WWCR Nashville TN	English	6875eu	9350af	9980ca	13845na	
2300	0000	irreg	USA, WWRB Manchester TN	English	3215na	9370na			
2300	0000		Vanuatu, R Vanuatu	English/Bislama/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						
2300	215		USA, R Free Asia	Lao	7285as				
2300	2215		Indonesia, RRI Wamena	Tibetan	9815as				
2300	2305		Clandestine, VO the People	Indonesian	4870do				
				Korean	3480as	3912as	4450as	4557as	
					6518as	6600as			
2300	2305		Nigeria, FRCN Abuja	English/Hausa/Igbo/Yoruba		7275do			
2300	2315		India, AIR/Srinagar	English/Hindi/vernaculars		4950do			
2300	2315		Indonesia, RRI Serui	Indonesian	4605do				
2300	2315	smtwh	Moldova, R PMR/Transistria	English	9665eu				
2300	2327		Iran, VOIRI	Malay	9785as	11870as			
2300	2330		Australia, ABC/R Australia	Burmese	5955as				
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		Ecuador, HCJB/LV de los Andes	German	9835sa				
2300	2330	mtwhf	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				
2300	2330		Egypt, R Cairo	Portuguese	15480sa				
2300	2330	Sat/Sun	Indonesia, AWR Asia/Pacific	Vietnamese	17650as				
2300	2330		Japan, R Japan/NHK World	Japanese	11725as	11855as	11910af		
2300	2330		Philippines, FEBC Philippines	Hmong	12095as				
2300	2330		Philippines, FEBC Philippines	lu Mien	9365as				
2300	2330		Philippines, FEBC Philippines	Mon	9795as				
2300	2330		Philippines, R Veritas Asia	Tagalog	15320me				
2300	2330		Vietnam, VO Vietnam/Overseas Svc	Indonesian	9840as	12020as			
2300	2355		India, AIR/Port Blair	English/Hindi/Nicobarese		4760do			
2300	2356		Romania, R Romania Intl	Spanish	9655ca	9740ca	11795sa	11955sa	
2300	2357		North Korea, Korean Central BC Sta	Korean	7235as	9445as	9875as	11635as	
					13760eu	15245eu			
2300	2357		North Korea, VO Korea	Japanese	3250as	9650as	11865as		
2315	0000		USA, R Free Asia	Tibetan	9900as				
2315	0000		Vatican City State, Vatican R	Vietnamese	9600as	15470as			
2315	2330	smtwh	Moldova, R PMR/Transistria	French	9665eu				
2330	0000		Australia, ABC/R Australia	English	17750va				
2330	0000		China, China R International	Sinhala	7260as	9490as			
2330	0000		China, CNR/VO China	Chinese	4750do	9645do	9675do	11720do	
					13610do				
2330	0000		China, Xinjiang PBS	Kazakh	4330do	6015do			
2330	0000		China, Xinjiang PBS	Uyghur	3990do	6120do	7205do	9560do	
2330	0000		Clandestine, Dem VO of Burma	Burmese	11595as				
2330	0000		Cuba, R Havana Cuba	Portuguese	15370sa				
2330	0000	mtwhf	Ecuador, HCJB/LV de los Andes	Shuar	6050sa				
2330	0000	Sat/Sun	Ecuador, HCJB/LV de los Andes	Spanish	6050sa				

2330	0000		Egypt, R Cairo	Arabic	13855ca	15480sa		
2330	0000	Sat/Sun	Indonesia, AWR Asia/Pacific	English	17650as			
2330	0000		Iran, VOIRI	Chinese	13715as	15140as	15730as	
2330	0000		Japan, R Japan/NHK World	Japanese	15415as			
2330	0000		Myanmar, Myanma R	minority languages	5915do	7200do		
2330	0000		Myanmar, Thazin R	Chin	6165do			
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		Philippines, FEBC Philippines	Palaung/Pale/Tai-Lu	12055as			
2330	0000		Philippines, R Veritas Asia	Burmese	9720as			
2330	0000		Philippines, R Veritas Asia	Kachin	9645as			
2330	0000		Philippines, R Veritas Asia	Myanmar	9720as			
2330	0000		Philippines, R Veritas Asia	Vietnamese	9670as			
2330	0000		Taiwan, R Taiwan Intl	Vietnamese	11655as			
2330	0000		USA, R Free Asia	Vietnamese	7370as	11605as	13730as	15170as
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	9520as			
2330	2345	tw	India, Athmik Yatra R	Gurung	9520as			
2330	2345	fa	India, Athmik Yatra R	Limbu	9520as			
2330	2345	m	India, Athmik Yatra R	Lungeli-Magar	9520as			
2330	2345	h	India, Athmik Yatra R	Sherpa	9520as			
2330	2345	mtwhf	Moldova, R PMR/Transistria	German	9665eu			
2340	0000		China, Xinjiang PBS	Chinese	3950do	4500do	5960do	6190do
					7205do	7260do		
					4500do	6190do		
2340	0000		China, Xinjiang PBS	Mongolian	4500do	6190do		
2345	0000	twh	India, Athmik Yatra R	Burmese	9520as			
2345	0000	sm	India, Athmik Yatra R	Chin	9520as			
2345	0000	fa	India, Athmik Yatra R	Karbi	9520as			
2345	0000	smtwh	Moldova, R PMR/Transistria	Music	9665eu			
2355	0000		China, China Natl R/CNR13	Uyghur	9420do	9655do	9890do	
2355	0000		India, AIR/Mumbai	English/Hindi/Marathi	4840do			
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Mali, ORTM/R Mali.....	<a href="http://www.ortm.ml">www.ortm.ml</a>
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Vatican City State, Vatican R .....	<a href="http://www.vaticanradio.org/">www.vaticanradio.org/</a>
Vietnam, VO Vietnam 1/Buon Ma Thuot .....	<a href="http://www.vovworld.vn">www.vovworld.vn</a>
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