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# Asia on Shortwave



**Guide to shortwave  
broadcasting in Asia**

**May 2024 (A24)**

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## Afghanistan

### Radio Afghanistan

Radio Afghanistan is the Taliban-operated national radio broadcasting station of Afghanistan. The shortwave transmitter at Pol-e-Charkhi in Kabul (100 kW on 6100 kHz) has been inactive since early 2020.

### Target broadcasts to Afghanistan

Following the overthrow of the Taliban in the 2001 US invasion of Afghanistan, there was an increase in the number of target broadcasts to the country to counter the extremist propaganda that had been spread in the preceding years. The Taliban returned to power in 2021 after capturing Kabul and overthrowing the government of the Islamic Republic of Afghanistan, ending the 2001–2021 war, and in September 2021 the Taliban re-established the Islamic Emirate of Afghanistan. The Taliban government remains internationally unrecognised and whilst this is the case, target broadcasts continue to provide both news, information and entertainment to Afghans. Christian broadcasters also continue to target the country. These are the stations broadcasting to Afghanistan for A24:

### Radio Afghanistan International

On 15 August 2021, the day the Taliban captured Afghanistan's capital Kabul, Volant Media UK Ltd, the parent company of Iran International TV, launched Afghanistan International TV (AITV), also known on air as Radio Afghanistan International. It aspires to serve as an international news network to provide reliable information for audiences and protect media freedom in the country. As of April 2024, Radio Afghanistan International has not been heard on 7600 kHz from either of its presumed transmitter sites.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Status</i>
0100-1430	Daily	Dari/Pashto	7600v	Tashkent, Uzbekistan	100	not currently heard
1430-0100	Daily	Dari/Pashto	7600	Yerevan, Armenia	100	not currently heard

The Tashkent transmitter is offset on 7599.9 kHz, whilst the one at Yerevan is on 7600.0 kHz.

### BBC World Service

BBC Dari and BBC Pashto provide daily content for listeners in Afghanistan

<i>UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0030-0100	Daily	Dari	6195	A'Seela, Oman	250
			7295	SMG, Vatican	250
0100-0130	Daily	Pashto	6195	A'Seela, Oman	250
			7445	A'Seela, Oman	250
0130-0200	Daily	Dari	6195	A'Seela, Oman	250
			7445	A'Seela, Oman	250
0200-0230	Daily	Pashto	9410	A'Seela, Oman	250
			12095	A'Seela, Oman	250
0230-0300	Daily	Dari	9410	A'Seela, Oman	250
			12095	A'Seela, Oman	250
0300-0330	Daily	Pashto	11870	A'Seela, Oman	250
			13850	Dhabbaya, UAE	250
0430-0500	Daily	Dari	15310	A'Seela, Oman	250
			17750	A'Seela, Oman	250
0500-0530	Daily	Pashto	15310	A'Seela, Oman	250
			17750	A'Seela, Oman	250
0830-0900	Daily	Dari	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250
0900-0930	Daily	Pashto	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250

0930-1000	Daily	Dari	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250
1000-1030	Daily	Pashto	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250
1030-1100	Daily	Dari	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250
1100-1130	Daily	Pashto	17810	A'Seela, Oman	250
			21470	A'Seela, Oman	250
1400-1500	Daily	Dari	5970	A'Seela, Oman	250
			11995	A'Seela, Oman	250
1500-1600	Daily	Pashto	5970	A'Seela, Oman	250
			11995	A'Seela, Oman	250
1600-1630	Daily	Dari	5970	A'Seela, Oman	250
			11995	A'Seela, Oman	250
1630-1700	Mon-Fri	Pashto	5970	A'Seela, Oman	250
			11995	A'Seela, Oman	250
1630-1700	Sat/Sun	Dari	5970	A'Seela, Oman	250
			11995	A'Seela, Oman	250
1700-1800	Daily	Dari	5970	A'Seela, Oman	250
			9550	A'Seela, Oman	250
1800-1900	Daily	Pashto	5970	A'Seela, Oman	250
			9550	A'Seela, Oman	250

### **VOA Radio Ashna**

Radio Ashna is the Pashto and Dari service of the Voice of America

<b><i>Time/UTC</i></b>	<b><i>Days</i></b>	<b><i>Language</i></b>	<b><i>kHz</i></b>	<b><i>Transmitter site</i></b>	<b><i>kW</i></b>
0030-0100	Daily	Pashto	7495	Lampertheim, Germany	100
			9480	Udon Thani, Thailand	250
0100-0130	Daily	Dari	7495	Lampertheim, Germany	100
			9480	Udon Thani, Thailand	250
0130-0200	Daily	Pashto	7495	Lampertheim, Germany	100
			9480	Udon Thani, Thailand	250
0200-0230	Daily	Dari	7495	Lampertheim, Germany	100
			9480	Udon Thani, Thailand	250
1430-1500	Daily	Pashto	7495	Udon Thani, Thailand	250
			11575	Umm al-Rimam, Kuwait	250
1500-1530	Daily	Dari	7495	Udon Thani, Thailand	250
			11575	Umm al-Rimam, Kuwait	250
1530-1630	Daily	Pashto/Dari	7495	Udon Thani, Thailand	250
			11575	Umm al-Rimam, Kuwait	250
1630-1700	Daily	Pashto	7495	Udon Thani, Thailand	250
			11575	Umm al-Rimam, Kuwait	250
1700-1730	Daily	Dari	7495	Udon Thani, Thailand	250
			11575	Umm al-Rimam, Kuwait	250
			12070	Udon Thani, Thailand	250

### **VOA Deewa Radio**

Deewa (Light) Radio is a Voice of America service in Pashto for the Afghanistan-Pakistan border region.

<b><i>Time/UTC</i></b>	<b><i>Days</i></b>	<b><i>Language</i></b>	<b><i>kHz</i></b>	<b><i>Transmitter site</i></b>	<b><i>kW</i></b>
0100-0300	Daily	Pashto	9840	Dhabbaya, UAE	250
			12035	Udon Thani, Thailand	250
			13750	Udon Thani, Thailand	250
0300-0400	Daily	Pashto	9840	Umm al-Rimam, Kuwait	250
			12035	Udon Thani, Thailand	250
			13750	Udon Thani, Thailand	250
1300-1700	Daily	Pashto	9310	Udon Thani, Thailand	250
			12035	Udon Thani, Thailand	250
			13820	Umm al-Rimam, Kuwait	250
			15460	Lampertheim, Germany	100
1700-1900	Daily	Pashto	5890	Udon Thani, Thailand	250
			7540	Udon Thani, Thailand	250
			9310	Udon Thani, Thailand	250
			12035	Lampertheim, Germany	100

### RFE/RL Radio Azadi

Radio Azadi is the Afghan service of Radio Free Europe/Radio Liberty.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0230-0300	Daily	Pashto	9480	Biblis, Germany	100
			15090	Udon Thani, Thailand	250
0300-0330	Daily	Dari	9480	Biblis, Germany	100
			15090	Udon Thani, Thailand	250
0330-0430	Daily	Pashto	9480	Biblis, Germany	100
			17880	Udon Thani, Thailand	250
0430-0530	Daily	Dari	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
0530-0630	Daily	Pashto	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
0630-0730	Daily	Dari	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
0730-0830	Daily	Pashto	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
0830-0930	Daily	Dari	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
0930-1030	Daily	Pashto	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
1030-1130	Daily	Dari	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
1130-1230	Daily	Pashto	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250
1230-1330	Daily	Dari	15090	Umm al-Rimam, Kuwait	250
			17880	Udon Thani, Thailand	250

### RFE/RL Radio Mashaal

Radio Mashaal ("Mashaal" meaning "Torch" in Pashto) broadcasts in local Pashto dialects to the Afghanistan-Pakistan border region.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0400-0700	Daily	Pashto	12130	Umm al-Rimam, Kuwait	250
			15365	Dhabbaya, UAE	250
			15750	Udon Thani, Thailand	250
0700-1000	Daily	Pashto	12130	Umm al-Rimam, Kuwait	250
			15365	Umm al-Rimam, Kuwait	250
			15750	Umm al-Rimam, Kuwait	250
1000-1200	Daily	Pashto	12130	Umm al-Rimam, Kuwait	250
			15365	Udon Thani, Thailand	250
			15750	Umm al-Rimam, Kuwait	250
1200-1300	Daily	Pashto	12130	Umm al-Rimam, Kuwait	250
			15365	Udon Thani, Thailand	250
			15750	Udon Thani, Thailand	250

### Akashvani External Services

Akashvani External Services (formally All India Radio provides daily content for listeners in Afghanistan.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0430-0600	Daily	Dari	9795	Delhi-Kingsway	100
			15410	Bengaluru	500
0430-0600	Daily	Pashto	11805	Delhi-Kingsway	100
			15185	Bengaluru	500
1230-1400	Daily	Pashto	11810	Bengaluru	500
1330-1500	Daily	Dari	9875	Bengaluru	500

### China Radio International

China Radio International provides daily content for listeners in Afghanistan.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0200-0230	Daily	Pashto	9765	Kashi, Xinjiang	100
			11870	Kashi, Xinjiang	100
			15435	Xi'an, Shaanxi	500
1500-1530	Daily	Pashto	9665	Kashi, Xinjiang	100
			11665	Kunming, Yunnan	500
1530-1600	Daily	Pashto	9570	Urumqi, Xinjiang	500
			9665	Kashi, Xinjiang	100
			11665	Kunming, Yunnan	500



### **IRIB - Voice of the Islamic Republic of Iran**

Islamic Republic of Iran Broadcasting provides daily content for listeners in Afghanistan.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0550-0820	Daily	Dari	11730	Sirjan, Kerman	500
0920-1250	Daily	Dari	11730	Sirjan, Kerman	500
1220-1320	Daily	Pashto	9790	Sirjan, Kerman	500

### **Voice of Tajik**

Voice of Tajik has a daily two hour broadcast in Dari for listeners in Afghanistan.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0600-0800	Daily	Dari	7245	Orzu	100

### **TRT World (Voice of Turkey)**

Voice of Turkey provides daily content for listeners in Afghanistan.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1500-1530	Daily	Dari	11765	Ermiler	500
1530-1600	Daily	Pashto	11765	Ermiler	500

### **Adventist World Radio**

AWR has daily broadcasts in Dari and Pashto with Christian programming.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0230-0300	Daily	Dari	15445	Trincomalee, Sri Lanka	125
1630-1700	Daily	Pashto	15360	KSDA Guam	125

### **Pamir Ministries**

Pamir Ministries have three Afghan radio teams producing programmes in the Dari language under the name of "Afghan Radio, Sound of Life" ("Sadaye Zindagi"), and one partnership team (Khyber Productions) producing in the Pashto language (Pashto Radio). Broadcasting partners include TWR, FEBA and IBRA Media who are part of the "World by Radio" group.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Scheduled by</b>
0230-0300	Daily	Dari	9895	Dhabbaya, UAE	250	IBRA Media
0830-1030	Daily	Dari	17865	Dhabbaya, UAE	250	IBRA Media
1455-1800	Daily	Dari	5130	Bishkek, Kyrgyzstan	15	Hit Shortwave-Kyrgyztelekom (with programmes likely arranged by IBRA Media)
1500-1545	Daily	Pashto	9720	Dhabbaya, UAE	250	IBRA Media

## **Bangladesh**

### **Bangladesh Betar - Home Service**

Bangladesh Betar is the state-owned radio broadcaster of Bangladesh. The Home Service has nationwide coverage on mediumwave and FM. The transmitter at Savar, Dhaka District, that had aired the domestic service on shortwave in previous years is now used by the external service between 1230-2000 (see below).

### **International broadcasting on shortwave**

### **Bangladesh Betar - External Service**

Bangladesh Betar's External Service had a new Thomson 250 kW shortwave transmitter and rotatable antenna system installed at Khabirpur in 2012. However, since March 2019 the external service has not been heard on any of its usual shortwave frequencies from Khabirpur and has been using the domestic service transmitter at Savar on 4750 kHz instead (with a non-directional aerial). As a result the external service is currently heard best in areas surrounding Bangladesh (i.e. South and South-East Asia) rather than other parts of the world it may announce in its broadcasts..

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Notes</b>
1230-1300	Daily	English	4750	100	
1315-1345	Daily	Nepali	4750	100	
1515-1545	Daily	Hindi	4750	100	
1600-1630	Daily	Arabic	4750	100	
1630-1730	Daily	Bengali	4750	100	
1745-1900	Daily	English	4750	100	this broadcast includes the "Voice of Islam" segment
1915-2000	Daily	Bengali	4750	100	

## **Bhutan**

### **Bhutan Broadcasting Service**

BBS is now inactive on shortwave. It had broadcast on 6035 kHz daily from 0555 to approximately 1900 local time (0000-1300v UTC), but was last reported by Ron Howard in November 2020. Despite checks since then it has not been heard and is presumed to have permanently left shortwave.

# China

## China Media Group

China Media Group, also known as Voice of China, is the predominant state media company for radio and television broadcasting in the People's Republic of China. It was founded on 21 March 2018 as a national holding firm for China Central Television, China National Radio, and China Radio International. China Media Group is under the control of the Publicity Department of the Chinese Communist Party.

## China National Radio

CNR is the state-operated radio service of the Peoples Republic of China. It forms the national radio service of the state-owned China Media Group, continuing its mission to broadcast a variety of radio programmes to listeners all over China around the world.

## CNR-1 - Voice of China, News Radio

Voice of China is the flagship radio station of CNR, broadcasting mainly news and commentaries.

**Target area:** China - domestic audience.

**Silent period:** Tuesday 0600-0900.

*The "corresponding freqs" column refers to other frequencies used by the same transmitter throughout the day.*

<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Time/UTC</b>	<b>corresponding freqs</b>
4750	Hailar, Nei Menggu	10	1958-1730	
4800	Golmud, Qinghai	100	2025-1805	
5945	Beijing	100	2025-0100 and 1000-1805	15480
5965	Nanning, Guangxi	100	1000-1805	5985 & 11850
5985	Nanning, Guangxi	100	2025-0000	5965 & 11850
6000	Beijing	100	2025-0100 and 0800-1805	9645
6080	Golmud, Qinghai	100	2025-0100 and 1200-1805	9630
6125	Beijing	100	2025-0100 and 1000-1805	17595
6125	Shijiazhuang, Hebei	100	2025-2300 and 1000-1805	9675
6175	Beijing	100	2025-0000 and 0900-1805	11960
7215	Shijiazhuang, Hebei	100	2025-0000	7365 & 11760
7230	Xianyang, Shaanxi	150	2025-1805	
7275	Beijing	100	2025-0030 and 1100-1805	15380
7290	Beijing	100	2025-0000 and 0930-1805	17890
7305	Shijiazhuang, Hebei	100	2025-2200 and 0800-1805	11750
7365	Shijiazhuang, Hebei	100	1000-1805	7215 & 11760
9470	Beijing	100	2025-0000	9860 & 12045
9500	Shijiazhuang, Hebei	100	2025-1805	
9630	Golmud, Qinghai	100	0100-1200	6080
9645	Beijing	100	0100-0800	6000
9675	Beijing	100	2300-1000	6125
9710	Shijiazhuang, Hebei	100	2025-2330 and 1100-1805	11720
9810	Nanning, Guangxi	150	2025-2300 and 1300-1805	13610
9830	Beijing	100	2025-0100 and 0730-1805	17565
9845	Beijing	100	2025-0100 and 1030-1805	7550
9860	Beijing	100	1100-1805	9470 & 12045
11710	Beijing	100	2025-0130 and 0900-1805	17605
11720	Shijiazhuang, Hebei	100	2330-1100	9710
11750	Shijiazhuang, Hebei	100	2200-0800	7305
11760	Shijiazhuang, Hebei	100	0000-1000	7215 & 7365
11850	Nanning, Guangxi	100	0000-1000	5965 & 5985
11925	Lingshi, Shanxi	100	2025-0200 and 1000-1805	17580
11960	Beijing	100	0000-0900	6175
12045	Beijing	100	0000-1100	9470 & 9860
13610	Nanning, Guangxi	150	2300-1300	9810
15370	Shijiazhuang, Hebei	100	0100-1100	
15380	Beijing	100	0030-1100	7275
15480	Beijing	100	0100-1000	5945
17550	Beijing	100	0100-1030	9845
17565	Beijing	100	0100-0730	9830
17580	Lingshi, Shanxi	100	0200-1000	11925
17595	Shijiazhuang, Hebei	100	0100-1000	6125
17605	Beijing	100	0130-0900	11710
17890	Beijing	100	0100-1000	7290

CNR-1 is also often heard on scheduled frequencies of Radio Taiwan International, Voice of America, Radio Free Asia, Sound of Hope and Voice of Tibet, where its presence is to block or interfere with their broadcasts to Mainland China.

## CNR-1 DRM Transmissions

"3FF", "3EA" etc. are the transmission identification codes.

<b><i>kHz</i></b>	<b><i>Transmitter site</i></b>	<b><i>kW</i></b>	<b><i>Time/UTC</i></b>	<b><i>ID code</i></b>
6030	Beijing	30	2025-1805	3FF
7360	Qiqihar, Heilongjiang	30	0400-1000	1
9420	Qiqihar, Heilongjiang	30	0000-0400	1
9655	Urumqi, Xinjiang	30	0800-1200 and 2200-0100	3EC
9870	Qiqihar, Heilongjiang	30	1000-1200	1
11695	Dongfang, Hainan	30	0100-0900	3E8
13810	Kunming, Yunnan	30	0400-1100	2
13825	Beijing	30	0100-0900	3EA
15180	Kunming, Yunnan	30	0100-0400	2
17770	Dongfang, Hainan	30	0100-0900	3ED
17830	Urumqi, Xinjiang	30	0100-0800	3EC

## CNR-2 - China Business Radio

A nationwide service of mainly business news and reports.

**Target area:** China - domestic audience.

**Silent period:** Wednesday 0600-0855.

*The "corresponding freqs" column refers to other frequencies used by the same transmitter throughout the day.*

<b><i>kHz</i></b>	<b><i>Transmitter site</i></b>	<b><i>kW</i></b>	<b><i>Time/UTC</i></b>	<b><i>corresponding freqs</i></b>
3985	Golmud, Qinghai	100	0900-1605	6190 & 7220
5995	Nanning, Guangxi	100	2055-0000	6030 & 11750
6000	Xian, Shaanxi	150	2055-0000	7425 & 11600
6030	Nanning, Guangxi	100	1100-1605	5995 & 11750
6040	Beijing	150	2055-2300	7375 & 11800
6065	Beijing	150	2055-2230 and 1200-1605	11670
6090	Golmud, Qinghai	100	2055-0100 and 1100-1605	9570
6155	Beijing	150	2055-0100 and 1000-1605	15500
6190	Golmud, Qinghai	100	2055-0000	3985 & 7220
7220	Golmud, Qinghai	100	0000-0900	3985 & 6190
7245	Beijing	150	2055-0100 and 0900-1605	9620
7255	Baoji, Shaanxi	100	2055-0100	7265 & 9810
7265	Baoji, Shaanxi	100	1230-1605	7255 & 9810
7315	Xi'an, Shaanxi	150	2055-0100 and 0900-1605	11660
7335	Baoji, Shaanxi	100	2055-0030 and 1000-1605	11915
7370	Beijing	150	2055-2300 and 1300-1605	11610
7375	Beijing	150	1200-1605	6040 & 11800
7425	Xi'an, Shaanxi	150	1100-1605	6000 & 11600
9515	Beijing	100	2055-0000 and 0900-1605	17625
9570	Golmud, Qinghai	100	0100-1100	6090
9570	Nanning, Guangxi	100	2055-0030	9780 & 13630
9620	Beijing	150	0100-0900	7245
9720	Baoji, Shaanxi	150	0000-1000	
9755	Baoji, Shaanxi	100	2055-0200 and 1000-1605	12080
9775	Beijing	150	2055-0100 and 0900-1605	15270
9780	Nanning, Guangxi	100	1130-1605	9570 & 13630
9810	Baoji, Shaanxi	100	0100-1230	7255 & 7265
9820	Xi'an, Shaanxi	150	2055-0100 and 0900-1605	11970
11600	Xi'an, Shaanxi	150	0000-1100	6000 & 7425
11610	Beijing	150	2300-1300	7370
11660	Xi'an, Shaanxi	150	0100-0900	7315
11670	Beijing	150	2230-1200	6065
11740	Lingshi, Shanxi	100	2055-0100 and 1100-1605	15540
11750	Nanning, Guangxi	100	0000-1100	5995 & 6030
11800	Beijing	150	0030-1030	6040 & 7375
11915	Baoji, Shaanxi	100	0030-1000	7335
11970	Xi'an, Shaanxi	150	0100-0900	9820
12080	Baoji, Shaanxi	100	0200-1000	9755
13630	Nanning, Guangxi	100	0030-1130	9570 & 9780
15270	Beijing	150	0200-0900	9775
15500	Beijing	100	0100-1000	6155
15540	Lingshi, Shanxi	100	0100-1100	11740
17625	Beijing	100	0000-0900	9515

### **CNR-5 - Cross-Strait Radio**

CNR-5 was reorganised in March 2021 as "Cross-Strait Radio" with new opening music, closing music. The slogan is "Across the Strait, One Family on both sides".

**Target area:** Taiwan, Southern China.

**Silent period:** Wednesday 0600-0900.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Tx site</b>	<b>kW</b>
2055-0000	Chinese	5925	Beijing	100
		7385	Beijing	100
		9665	Beijing	100
0000-0600	Chinese	9685	Beijing	100
		11620	Beijing	100
		11935	Beijing	100
0600-0900	Chinese	9685	Beijing	100
		11620	Beijing	100
		11935	Beijing	100
0900-1000	Chinese	7385	Beijing	100
		9685	Beijing	100
		11620	Beijing	100
1000-1705	Chinese	5925	Beijing	100
		7385	Beijing	100
		9410	Beijing	100

### **CNR-6 - Voice of Shenzhou**

CNR-6 is the second Taiwan service, broadcasting in dialects including Amoy, Hakka and entertainment in Mandarin,

**Target area:** Taiwan, Southern China.

**Silent period:** Wednesday 0600-0900.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
2155-2200	Chinese	6010	Nanning, Guangxi	100
		6165	Beijing	100
		9730	Beijing	100
2200-0000	Amoy	6010	Nanning, Guangxi	100
		6165	Beijing	100
		9730	Beijing	100
0000-0100	Amoy	6165	Beijing	100
		9730	Beijing	100
		11680	Nanning, Guangxi	100
0100-0500	Amoy	11905	Beijing	100
		11680	Nanning, Guangxi	100
		15710	Beijing	100
0500-0600	Hakka	11680	Nanning, Guangxi	100
		11905	Beijing	100
		15710	Beijing	100
0600-0900	Hakka	11680	Nanning, Guangxi	100
		11905	Beijing	100
		15710	Beijing	100
0900-1100	Hakka	6165	Beijing	100
		9620	Beijing	100
		11680	Nanning, Guangxi	100
1100-1200	Chinese	6165	Beijing	100
		9620	Beijing	100
		11680	Nanning, Guzngxi	100
1200-1605	Chinese	6165	Beijing	100
		9620	Beijing	100

### **CNR-7 - Radio of the Greater Bay**

CNR-7 is China's first national-level radio station oriented at its Greater Bay Area. Programmes are in Cantonese, Chinese, Teochewese, Hakka, Shanghainese and Amoy.

**Target area:** Southern Guangdong-Hong Kong-Macao Greater Bay Area

**Silent period:** Tuesday 0600-0900.

<b>Time/UTC</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
2055-0000	Cantonese, Chinese etc	7345	Huhhot, Nei Monggol	100
		9745	Kashi, Xinjiang	500
0000-0100	Cantonese, Chinese etc	9745	Kashi, Xinjiang	500
		15550	Huhhot, Nei Monggol	100
0100-0600	Cantonese, Chinese etc	13770	Kashi, Xinjiang	500
		15550	Huhhot, Nei Monggol	100
0600-0900	Cantonese, Chinese etc	13770	Kashi, Xinjiang	500
		15550	Huhhot, Nei Monggol	100



0900-1100	Cantonese, Chinese etc	13770	Kashi, Xinjiang	500
		15550	Huhhot, Nei Monggol	100
1100-1805	Cantonese, Chinese etc	7345	Huhhot, Nei Monggol	100
		13770	Kashi, Xinjiang	500



### CNR-8 - Minorities Radio

CNR-8 is the minorities service of China National Radio in Korean and Mongolian.

**Target area:** Mongolian and Korean-speaking areas of China.

**Silent period:** Wednesday 0600-0900.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
2055-0100	Mongolian	9610	Beijing	100
		11810	Beijing	100
0100-0200	Chinese	9610	Beijing	100
		11810	Beijing	100
0200-0500	Mongolian	9610	Beijing	100
		11810	Beijing	100
0500-0600	Chinese	9610	Beijing	100
		11810	Beijing	100
0600-0800	Kazakh	5975	Beijing	100
		9785	Beijing	100
0800-0900	Chinese	5975	Beijing	100
		9785	Beijing	100
0900-1400	Korean	5975	Beijing	100
		9785	Beijing	100
1400-1505	Chinese	5975	Beijing	100
		9785	Beijing	100

### CNR-11 - Tibetan Radio

CNR-11 is the Tibetan service of China National Radio.

**Target area:** Tibetan-speaking areas of China.

**Silent period:** Wednesday 0600-0900.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
2155-2300	Chinese	6010	Baoji, Shaanxi	100
		7350	Baoji, Shaanxi	100
		9480	Baoji, Shaanxi	100
2300-0000	Tibetan	6010	Baoji, Shaanxi	100
		7350	Baoji, Shaanxi	100
		9480	Baoji, Shaanxi	100
0000-0600	Tibetan	9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
		15570	Baoji, Shaanxi	100
0600-0700	Tibetan	9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
		15570	Baoji, Shaanxi	100
0700-0800	Chinese	9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
		15570	Baoji, Shaanxi	100
0800-0900	Tibetan	9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
		15570	Baoji, Shaanxi	100
0900-1100	Tibetan	9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
		15570	Baoji, Shaanxi	100
1100-1300	Tibetan	9480	Baoji, Shaanxi	100
		9530	Baoji, Shaanxi	100
		11685	Baoji, Shaanxi	100
1300-1605	Tibetan	6010	Baoji, Shaanxi	100
		7350	Baoji, Shaanxi	100
		9480	Baoji, Shaanxi	100

### **CNR-13 - Uighur Radio**

CNR-13 is the Uighur service of China National Radio. It may also broadcast in Chinese at certain times.

**Target area:** Uighur-speaking areas of China.

**Silent period:** Tuesday 0600-0900.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
2355-0600	Uighur	13700	Lingshi, Shanxi	100
		15390	Lingshi, Shanxi	100
0600-0900	Uighur	13700	Lingshi, Shanxi	100
		15390	Lingshi, Shanxi	100
0900-1000	Chinese	13700	Lingshi, Shanxi	100
		15390	Lingshi, Shanxi	100
1000-1100	Uighur	13700	Lingshi, Shanxi	100
		15390	Lingshi, Shanxi	100
1100-1400	Uighur	9420	Lingshi, Shanxi	100
		13700	Lingshi, Shanxi	100
1400-1500	Uighur	9420	Lingshi, Shanxi	100
		9890	Lingshi, Shanxi	100
1500-1600	Chinese	9420	Lingshi, Shanxi	100
		9890	Lingshi, Shanxi	100
1600-1805	Uighur	9420	Lingshi, Shanxi	100
		9890	Lingshi, Shanxi	100

### **CNR-17 - Kazakh Radio**

CNR-17 is the Kazakh service of China National Radio.

**Target area:** Kazakh-speaking areas of China.

**Silent period:** Tuesday 0600-0900.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
2355-0800	Kazakh	11630	Lingshi, Shanxi	100
		12055	Lingshi, Shanxi	100
0800-0900	Chinese	11630	Lingshi, Shanxi	100
		12055	Lingshi, Shanxi	100
0900-1200	Kazakh	11630	Lingshi, Shanxi	100
		12055	Lingshi, Shanxi	100
1200-1500	Kazakh	6180	Lingshi, Shanxi	100
		9630	Lingshi, Shanxi	100
1500-1600	Chinese	6145	Lingshi, Shanxi	100
		9630	Lingshi, Shanxi	100
1600-1805	Kazakh	6145	Lingshi, Shanxi	100
		9630	Lingshi, Shanxi	100

### **Provincial radio stations on shortwave**

Several provincial radio stations continue to broadcast on shortwave. These are the ones currently on air, although times of operation may be subject to confirmation.

### **Gannan Radio and Television**

Gannan Tibetan Autonomous Prefecture is an autonomous prefecture in Southern Gansu Province in Western China. The largest ethnic group in Gannan is Tibetan, followed by the Han.

#### **General Service**

**Transmitter site:** Hezuo City, Gannan.

**Note:** reportedly relays CNR-1 in Chinese and CNR-11 in Tibetan at certain times.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>
2255-0120	Chinese & Tibetan	3990	10
		5970	50
0355-0620	Chinese & Tibetan	3990	10
		5970	50
1025-1345v	Chinese & Tibetan	3990	10
		5970	50

### **Guizhou Radio and Television**

Guizhou is a landlocked province in the southwest region of China. Guizhou borders the autonomous region of Guangxi to the south, Yunnan to the west, Sichuan to the northwest, Chongqing to the north, and Hunan to the east.

#### **General Service**

**Transmitter site:** Guiyang, Guizhou.

**Note:** may relay CNR-1 at certain times.

<b>Time/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Note</b>
0150-0600	Chinese	7275	10	this is the time registered with HFCC for B23

### Hulun Buir Radio and Television

Hulun Buir is a region that is governed as a prefecture-level city in northeastern Inner Mongolia. Hulun Buir borders Russia to the north and west, Mongolia to the south and west, Heilongjiang province to the east and Hinggan League to the direct south.

#### Chinese News Radio

**Transmitter site:** Hailar, Hulun Buir.

**Silent period:** Tuesdays 0210-0700

**Note:** relay of CNR-1 at 1400-1440v, possibly other times as well.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2130-0700	Chinese	3900	10
0900-1440v	Chinese	3900	10

#### Mongolian News & General Channel

**Transmitter site:** Hailar, Hulun Buir.

**Note:** may relay CNR-8 at certain times

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2150-0230	Mongolian	6080	10
0925-1430	Mongolian	6080	10

### Hunan Radio and Television

Hunan is a landlocked province, part of the South Central China region. Located in the middle reaches of the Yangtze watershed, it borders the province-level divisions of Hubei to the north, Jiangxi to the east, Guangdong and Guangxi to the south, Guizhou to the west and Chongqing to the northwest.

#### Chinese News Radio

**Transmitter site:** Xiangtan, Hunan.

**Note:** may relay CNR-1 at certain times

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2030-0100	Chinese	4990	2
0300-0500	Chinese	4990	2
0900-1700	Chinese	4990	2

### Nei Menggu Radio and Television

Inner Mongolia or Nei Mongol, officially the Inner Mongolia Autonomous Region, is a landlocked autonomous region of the People's Republic of China. Its border includes most of the length of China's border with the country of Mongolia. Inner Mongolia also accounts for a small section of China's border with Russia (Zabaykalsky Krai).

#### Chinese News Radio

**Transmitter site:** Hohhot, Nei Menggu.

**Silent period:** Tuesdays 0600-0950

**Note:** may relay CNR-1 at certain times

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Note</i>
2150-1605	Chinese	7420	50	both 052 & 263 degrees registered for 7420 kHz, two transmitters?
		9520	50	

#### Mongolian News Radio

**Transmitter site:** Hohhot, Nei Menggu.

**Silent period:** Tuesdays 0600-0950

**Note:** relays CNR-8 at 0300-0400, possibly at other times as well.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2150-1605	Mongolian	6040	50
		7270	50
		9750	50

### Sichuan Radio and Television

Sichuan is a landlocked province in southwest China occupying most of the Sichuan Basin and the easternmost part of the Tibetan Plateau between the Jinsha River on the west, the Daba Mountains in the north, and the Yungui Plateau to the south.

#### Sichuan Ethnic Radio

**Transmitter site:** Chengdu, Sichuan.

<i>Time/UTC</i>	<i>Languages</i>	<i>kHz</i>	<i>kW</i>
2155-0135	Tibetan/Yui/Chinese	6060	50
		7225	50
1000-1515	Tibetan/Yui/Chinese	6060	50
		7225	50

### Qinghai Radio and Television

Qinghai is a landlocked province in the northwest of China. It borders Gansu on the northeast, Xinjiang on the northwest, Sichuan on the southeast and the Tibet Autonomous Region on the southwest. The Han are largest ethnic group in Qinghai, followed by Tibetan.

#### Chinese News General Service

**Transmitter site:** Xining, Qinghai.

**Silent period:** Tuesdays 0600-0900

**Note:** may relay CNR-1 at certain times.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2140-1600	Chinese	6145	50
		9780	50

#### Tibetan Service

**Transmitter site:** Xining, Qinghai..

**Silent period:** Tuesdays 0600-0855

**Note:** may relay CNR-11 at certain times.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2250-1600	Daily	Tibetan	5990	50
			9850	50

### Xinjiang Radio and Television

Xinjiang, officially Xinjiang Uigur Autonomous Region, is an autonomous region of China, located in the northwest of the country close to Central Asia. Xinjiang borders the countries of Mongolia, Russia, Kazakhstan, Kyrgyzstan, Tajikstan, Afghanistan, Pakistan and India. The Aksai Chin region, administered by China, is claimed by India. Xinjiang also borders the Tibet Autonomous Region and the provinces of Gansu and Qinghai.

Wikipedia quotes a 2020 Chinese census which gives the following breakdown for the main six ethnic groups in Xinjiang: Uyghur 44.96%, Han 42.24%, Kazakh 5.96%, Hui 4.27%, Kirghiz 0.77% and Mongols 0.65%.

Xinjiang Radio and Television operates radio services on shortwave in Chinese, Kazakh, Kyrgyz, Mongolian and Uighur for listeners in the province

The following schedules have been compiled with reference to Shiganori Aoki's list at <http://www1.s2.starcat.ne.jp/ndxc/>

#### Chinese General Service

**Transmitter site:** Urumqi, Xinjiang.

**Duration of daily broadcast on SW:** 2300-1800

**Silent period:** Tuesdays 0800-1100

<i>kHz</i>	<i>kW</i>	<i>Times/UTC</i>
5960	100	2300-0300, 1200-1800
7260	100	2300-1800
7310	50	2300-0310, 1400-1800
9600	50	0310-1400
9835	100	0300-1200
11770	50	0300-1000

**Note:** times may vary slightly; relays CNR-1 at certain times.

#### Kazakh Service

**Transmitter site:** Urumqi, Xinjiang.

**Duration of daily broadcast on SW:** 2315-1800

<i>kHz</i>	<i>kW</i>	<i>Times/UTC</i>
6015	100	2315-0350, 1155-1800
7340	100	2315-1800
9470	100	0350-1155

**Note:** times may vary slightly; relays CNR-17 at certain times.

#### Kyrgyz Service

**Transmitter site:** Urumqi, Xinjiang.

**Duration of daily broadcast on SW:** 0310-0530 and 1010-1230

<i>kHz</i>	<i>kW</i>	<i>Times/UTC</i>
9705	50	0310-0530, 1010-1230
11975	50	0310-0530, 1010-1230

#### Mongolian Service

**Transmitter site:** Urumqi, Xinjiang.

**Duration of daily broadcast on SW:** 2310-0330, 0510--1030 and 1150-1800

**Silent period:** Tuesdays 0800-1050

<i>kHz</i>	<i>kW</i>	<i>Times/UTC</i>
6190	50	2310-0330, 1150-1800
7230	50	2310-0330, 0510-1030, 1150-1800
9510	50	0510-1030

**Note:** times may vary slightly; relays CNR-8 at certain times.

### Uighur Service

**Transmitter site:** Urumqi, Xinjiang.

**Duration of daily broadcast on SW:** 2300-1800

**Silent period:** Tuesdays 0800-1100

<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Times/UTC</b></i>
6120	100	2300-0300, 1200-1800
7205	50	2300-0200, 1400-1800
7275	100	2300-1800
9560	100	0300-1200
13670	50	0200-1400

**Note:** times may vary slightly; Chinese 0800-0900; relays CNR-13 at certain times.

### Xizang Broadcasting Station (China Tibet Broadcasting Station)

The Xizang Autonomous Region, called Tibet or Xizang for short, is a province-level autonomous region of the People's Republic of China in Southwest China. It was overlaid on the traditional Tibetan regions of Ü-Tsang and Kham. The Tibet Autonomous Region is located on the Tibetan Plateau, the highest region on earth. Mount Everest is located on Tibet's border with Nepal. China's provincial-level areas of Xinjiang, Qinghai and Sichuan lie to the north, northeast and east, respectively. There is also a short border with Yunnan Province to the southeast. The countries to the south and southwest are Myanmar, India, Bhutan, and Nepal. The ethnic composition of Tibet is 90% Tibetan and 8% Han.

The following schedules have been compiled with reference to Shiganori Aoki's list at <http://www1.s2.starcat.ne.jp/ndxc/>

### Chinese Service

**Transmitter site:** Lhasa, Xizang (Tibet).

**Duration of daily broadcast:** 2000-1800

**Silent period:** Tuesdays 0600-1000.

<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Times/UTC</b></i>
4820	100	2000-1800
5935	100	2000-1800
6050	100	2000-1800
7240	100	2000-0300, 0900-1800
7450	100	2000-0300, 0900-1800
11860	100	0300-0900
11950	100	0300-0900

**Note:** CNR-1 is relayed at 2230-2300, 0030-0100 and 1030-1100.

### Tibetan Service

**Transmitter site:** Lhasa, Xizang (Tibet).

**Duration of daily broadcast:** 2050(2100 Tues)-1805

**Silent period:** Tuesdays 0700-1000.

The Tibetan Service breaks at 0700-0800 and 1600-1700 for **Hello Xizang in English**.

<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Times/UTC and language</b></i>
4905	50	2050-0700 Tibetan, 0700-0800 English, 0800-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
4920	50	2050-0700 Tibetan, 0700-0800 English, 0800-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
6025	100	2050-0700 Tibetan, 0700-0800 English, 0800-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
6110	100	2050-0300 Tibetan, 1100-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
6130	100	2050-0700 Tibetan, 0700-0800 English, 0800-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
6200	100	2050-0700 Tibetan, 0700-0800 English, 0800-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
7255	100	2050-0200 Tibetan, 1000-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
7385	100	2050-0200 Tibetan, 0930-1600 Tibetan, 1600-1700 English, 1700-1805 Tibetan
9490	100	0200-0700 Tibetan, 0700-0800 English, 0800-1000 Tibetan
9580	100	0200-0700 Tibetan, 0700-0800 English, 0800-0930 Tibetan
9730	100	0300-0700 Tibetan, 0700-0800 English, 0800-1100 Tibetan

**Note:** CNR-8 is relayed at 2300-2357, 0400-0457 and 1300-1357.

### Yunnan Broadcasting Station

Yunnan is a landlocked province in the southwest of China. The province borders the Chinese provinces of Guizhou, Sichuan, autonomous regions of Guangxi, and Tibet as well as Southeast Asian countries: Vietnam, Laos, and Myanmar.

### Yunnan Radio International

**Transmitter site:** Shaland, Kunming, Yunnan.

<i><b>Time/UTC</b></i>	<i><b>Days</b></i>	<i><b>Language</b></i>	<i><b>kHz</b></i>	<i><b>kW</b></i>
2200-0000	Daily	Chinese	6035	50
0945-1000	Daily	Music	6035	50
1000-1030	Daily	Vietnamese	6035	50
1030-1300	Daily	Chinese	6035	50
1300-1330	Daily	Vietnamese	6035	50
1330-1400	Daily	Chinese	6035	50



## **Yunnan Radio - Minorities Service**

**Transmitter site:** Shaland, Kunming, Yunnan.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>
2245-0300	Daily	Minorities	7210	50
0630-0830	Daily	Minorities	7210	50
1040-1500	Daily	Minorities	7210	50

**Note:** 2245-2300 and 1040-1100 music is played prior to the start of actual programmes.

## **International broadcasting on shortwave**

### **China Radio International / CGTN Radio**

China Radio International (CRI) is a state-owned international radio broadcaster of China. It is headquartered in the Babaoshan area of Beijing's Shijingshan District. It was founded on December 3, 1941, as Radio Peking. It later adopted the pinyin form Radio Beijing. It has 32 overseas correspondent bureaux and 6 main regional bureaux, and broadcasts over 2,700 hours of programming each day (24 hours in English), including news, current affairs, and features on politics, the economy, culture, science and technology.

Transmissions in several languages now consist of music only - there is no actual programming. To identify these easily a programme content column has been added below (Prgr) with P indicating normal programmes and M for music only. If you know of any errors or updates that need to be made in this respect, please do not hesitate to let me know.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Prgr</b>	<b>kHz</b>	<b>Site</b>	<b>kW</b>	<b>Target area</b>
0000-0100	Daily	Cantonese	P	11820	Xian	500	South-East Asia
				17490	Beijing	500	South-East Asia
0000-0100	Daily	Chinese	P	9880	Kunming	100	South-East Asia
				11780	Jinhua	500	Far East
				11900	Beijing	150	Far East
				11975	Kunming	500	South-East Asia
				13580	Beijing	500	South-East Asia
				13655	Xian	500	South-East Asia
0000-0100	Daily	English	P	17690	Xian	500	South-East Asia
				6075	Kashi	100	South Asia
				6180	Kashi	100	South Asia
				7350	Kashi	500	Europe
				9700	Kashi	100	South Asia
				11865	Xian	500	South-East Asia
				13750	Beijing	150	Far East
				15125	Beijing	500	South-East Asia
0000-0100	Daily	Hakka	P	17740	Xian	500	South-East Asia
				9460	Kunming	150	South-East Asia
				9550	Kunming	150	South-East Asia
				9610	Kunming	100	South-East Asia
0000-0100	Daily	Khmer	P	15100	Beijing	500	South-East Asia
				9765	Nanning	100	South-East Asia
				11990	Nanning	100	South-East Asia
0000-0100	Daily	Mongolian	P	9470	Xian	500	Central Asia
				11875	Beijing	500	Central Asia
0000-0100	Daily	Portuguese	M	9710	Kashi	500	South America
				17800	Beijing	500	South America
0000-0100	Daily	Russian	P	7430	Huhhot	100	Siberia
				9445	Huhhot	100	Siberia
0000-0100	Daily	Spanish	P	5990	La Habana	250	Caribbean
				11830	Kashi	500	South America
				13740	Kashi	500	South America
0000-0100	Daily	Vietnamese	P	11770	Beijing	500	South-East Asia
				13770	Xian	500	South-East Asia
0100-0200	Daily	Amoy	P	9460	Kunming	150	South-East Asia
				9550	Kunming	150	South-East Asia
				9610	Kunming	100	South-East Asia
				11945	Kunming	150	South-East Asia
				11980	Kunming	100	South-East Asia
				15100	Beijing	500	South-East Asia
				15425	Xian	500	South-East Asia
				17490	Beijing	500	South-East Asia
0100-0200	Daily	Chinese	P	9560	Kashi	100	South Asia
				9655	Nanning	100	South-East Asia
				11650	Urumqi	500	South Asia
				11770	Nanning	100	South-East Asia
				13580	Beijing	500	South-East Asia

				13655	Xian	500	South-East Asia
				15160	Jinhua	500	Far East
				17690	Xian	500	South-East Asia
0100-0200	Daily	English	P	6180	Kashi	100	South Asia
				9535	Kashi	100	South Asia
				9580	La Habana	250	North America
				11770	Kashi	500	South Asia
				13640	Kashi	500	Europe
				15125	Beijing	500	South-East Asia
				17640	Kashi	100	Europe
				17740	Xian	500	South-East Asia
0100-0200	Daily	Russian	P	5990	Kashi	100	Central Asia
				13600	Xian	500	Southern Russia/Caucasus
0100-0200	Daily	Spanish	P	11830	Kashi	500	South America
				13740	Kashi	500	South America
0100-0200	Daily	Urdu	P	7240	Kashi	100	South Asia
				9695	Kashi	100	South Asia
0130-0230	Daily	Nepali	P	11860	Kunming	500	South Asia
				13780	Kunming	500	South Asia
0200-0230	Daily	Pashto	P	9765	Kashi	100	Afghanistan
				11870	Kashi	100	Afghanistan
				15435	Xian	500	Afghanistan
0200-0300	Daily	Amoy	P	15425	Xian	500	South-East Asia
				17490	Beijing	500	South-East Asia
0200-0300	Daily	Bengali	P	9655	Kunming	150	South Asia
				11640	Kunming	150	South Asia
0200-0300	Daily	Chinese	P	9580	La Habana	250	North America
				9825	Urumqi	500	South Asia
				11880	Kashi	500	South America
				13655	Xian	500	South-East Asia
				15160	Jinhua	500	Far East
				17840	Beijing	500	South America
0200-0300	Daily	English	P	11770	Kashi	100	South Asia
				13640	Kashi	100	South Asia
0200-0300	Daily	Russian	P	6180	Kashi	100	Central Asia
				17640	Xian	500	Southern Russia/Caucasus
0200-0300	Daily	Spanish	P	11830	Kashi	500	South America
				13740	Kashi	500	South America
0200-0300	Daily	Tamil	P	13600	Kashi	100	South Asia
				17655	Kashi	100	South Asia
0200-0300	Daily	Urdu	P	9450	Kashi	100	South Asia
				11650	Kashi	100	South Asia
0230-0330	Daily	Nepali	P	11730	Kunming	500	South Asia
				13780	Kunming	500	South Asia
0300-0400	Daily	Chinese	P	9450	Kashi	100	South Asia
				11740	Beijing	150	Far East
				15160	Jinhua	500	Far East
				15230	Xian	500	Far East
				17540	Beijing	500	South Asia
0300-0400	Daily	English	P	9790	La Habana	250	North America
				12000	Kashi	100	South Asia
				13590	Beijing	150	Far East
				15110	Kashi	100	South Asia
				15785	Xian	500	North Asia
				17840	Beijing	500	North Asia
0300-0400	Daily	Hindi	P	11640	Kashi	100	South Asia
				13720	Kashi	100	South Asia
				15350	Kashi	100	South Asia
				17655	Kashi	100	South Asia
0300-0400	Daily	Russian	P	6180	Kashi	100	Central Asia
				15435	Urumqi	500	Central Asia
				17640	Xian	500	Southern Russia/Caucasus
				17710	Jinhua	500	Western Russia
0300-0400	Daily	Tamil	P	13600	Kunming	150	South Asia
				13730	Kashi	100	South Asia
0400-0500	Daily	Cantonese	P	9790	La Habana	250	North America
				15160	Jinhua	500	Far East
				15230	Xian	500	Far East

0400-0500	Daily	Chinese	P	11740	Beijing	150	Far East
				13640	Kashi	100	South Asia
				15110	Kashi	100	South Asia
0400-0500	Daily	English	P	13590	Beijing	150	Far East
				15785	Xian	500	North Asia
				17730	Xian	500	Central Asia
				17840	Beijing	500	North Asia
				17855	Beijing	500	Central Asia
0400-0500	Daily	Hakka	P	15350	Kashi	100	South Asia
				17510	Xian	500	South-East Asia
				17540	Kashi	100	South Asia
				17710	Beijing	500	South-East Asia
0400-0500	Daily	Russian	P	6180	Kashi	100	Central Asia
				15445	Kashi	500	Western Russia
				15665	Urumqi	500	Western Russia
				17640	Xian	500	Southern Russia/Caucasus
0400-0500	Daily	Vietnamese	P	11650	Kunming	100	South-East Asia
				17740	Xian	500	South-East Asia
0500-0600	Daily	Arabic	P	17485	Kashi	500	The Arab World
0500-0600	Daily	Cantonese	P	15160	Jinhua	500	Far East
				15230	Xian	500	Far East
0500-0600	Daily	Chinese	P	11740	Beijing	150	Far East
				15110	Kashi	100	South Asia
				15785	Xian	500	North Asia
				17840	Beijing	500	North Asia
0500-0600	Daily	English	P	11895	Kashi	100	South Asia
				15350	Kashi	100	South Asia
				15465	Kashi	100	South Asia
				17510	Kashi	500	Near East
				17540	Kashi	100	South Asia
				17730	Xian	500	Central Asia
				17855	Beijing	500	Central Asia
0500-0600	Daily	German	M	17615	Urumqi	500	Europe
				17720	Kashi	500	Europe
0500-0600	Daily	Russian	P	15445	Kashi	500	Western Russia
				15665	Urumqi	500	Western Russia
0500-0600	Daily	Vietnamese	P	11650	Kunming	100	South-East Asia
				17740	Xian	500	South-East Asia
0600-0700	Daily	Arabic	P	17485	Kashi	500	The Arab World
0600-0700	Daily	Chinese	P	11710	Nanning	100	South-East Asia
				15160	Jinhua	500	Far East
				15230	Xian	500	Far East
				15785	Xian	500	North Asia
				17615	Kunming	500	South-East Asia
				17650	Kashi	500	Europe
				17740	Xian	500	South-East Asia
				17840	Beijing	500	North Asia
0600-0700	Daily	English	P	11870	Kashi	100	West Asia
				11895	Kashi	100	South Asia
				11925	Nanning	100	South-East Asia
				13645	Xian	500	South-East Asia
				15145	Kashi	100	West Asia
				15350	Kashi	100	South Asia
				15465	Kashi	100	South Asia
				17510	Kashi	500	Near East
				17540	Kashi	100	South Asia
				17710	Beijing	500	South-East Asia
0600-0700	Daily	French	P	17865	Kashi	500	Europe
0600-0700	Daily	German	M	17615	Urumqi	500	Europe
				17720	Kashi	500	Europe
0600-0700	Daily	Italian	M	17520	Kashi	500	Europe
0600-0700	Daily	Spanish	P	17680	Kashi	500	Europe
0700-0800	Daily	Amoy	P	15145	Xian	500	South-East Asia
				17750	Xian	500	South-East Asia
0700-0800	Daily	Cantonese	P	11640	Jinhua	500	Far East
				15230	Xian	500	Far East
0700-0800	Daily	Chinese	P	11710	Nanning	100	South-East Asia
				11875	Nanning	100	South-East Asia

				17615	Kunming	500	South-East Asia
				17650	Kashi	500	Europe
				17740	Xian	500	South-East Asia
0700-0800	Daily	English	P	11895	Kashi	100	South Asia
				13660	Xian	500	South-East Asia
				15350	Kashi	100	South Asia
				15465	Kashi	100	South Asia
				17490	Kashi	500	Europe
				17540	Kashi	100	South Asia
				17670	Kashi	500	Near East
				17710	Beijing	500	South-East Asia
0700-0800	Daily	French	P	17865	Kashi	500	Europe
0700-0800	Daily	Spanish	P	17680	Kashi	500	Europe
0800-0900	Daily	Chinese	P	9880	Beijing	150	Far East
				11640	Jinhua	500	Far East
				15230	Xian	500	Far East
				15560	Xian	500	Central Asia
				17560	Xian	500	Central Asia
				17650	Kashi	500	Europe
				17840	Kashi	100	South Asia
0800-0900	Daily	English	P	11710	Xian	500	Far East
				11895	Kashi	100	South Asia
				15350	Kashi	100	South Asia
				15465	Kashi	100	South Asia
				17490	Kashi	500	Europe
				17540	Kashi	100	South Asia
				17670	Kashi	500	Near East
0800-0900	Daily	Russian	P	15335	Kashi	500	Western Russia
				15665	Urumqi	500	Western Russia
0830-0930	Daily	Indonesian	P	15135	Kunming	500	South-East Asia
				17735	Kunming	100	South-East Asia
0900-1000	Daily	Chinese	P	7430	Jinhua	500	Far East
				9460	Nanning	100	South-East Asia
				9880	Beijing	150	Far East
				9880	Nanning	100	South-East Asia
				11895	Nanning	100	South-East Asia
				11980	Kunming	100	South-East Asia
				12005	Kunming	500	Australia/New Zealand
				13570	Xian	500	Central Asia
				13730	Kunming	500	Australia/New Zealand
				13850	Beijing	500	South-East Asia
				15250	Kunming	100	South-East Asia
				15525	Urumqi	500	South Asia
				15560	Xian	500	Central Asia
				17530	Xian	500	South-East Asia
				17560	Xian	500	Central Asia
				17840	Kashi	100	South Asia
0900-1000	Daily	English	P	11710	Xian	500	Far East
				11905	Jinhua	500	Australia/New Zealand
				13800	Kunming	500	Australia/New Zealand
				15350	Kashi	100	South Asia
				17490	Kashi	500	Europe
				17570	Urumqi	500	Europe
				17650	Kashi	500	Europe
				17750	Kashi	100	South Asia
0900-1000	Daily	Romanian	P	17620	Kashi	500	Europe
0900-1000	Daily	Russian	P	15335	Kashi	500	Western Russia
				15665	Urumqi	500	Western Russia
0930-1030	Daily	Malay	P	15135	Kunming	500	South-East Asia
				17680	Kunming	100	South-East Asia
1000-1100	Daily	Cantonese	P	11875	Kunming	500	Australia/New Zealand
				12005	Kunming	500	Australia/New Zealand
1000-1100	Daily	Chinese	P	9460	Nanning	100	South-East Asia
				9820	Beijing	500	Central Asia
				9880	Beijing	500	Far East
				9890	Xian	500	North Asia
				11980	Kunming	100	South-East Asia
				13850	Beijing	500	South-East Asia

				15250	Kunming	100	South-East Asia
				15525	Urumqi	500	South Asia
				17530	Xian	500	South-East Asia
				17650	Kashi	500	Europe
				17840	Kashi	100	South Asia
1000-1100	Daily	English	P	11635	Beijing	500	Central Asia
				11895	Xian	500	North Asia
				11905	Jinhua	500	Australia/New Zealand
				13570	Xian	500	Far East
				13580	Kunming	500	Australia/New Zealand
				13590	Beijing	500	South-East Asia
				13720	Xian	500	South-East Asia
				15350	Kashi	100	South Asia
				17490	Kashi	500	Europe
				17750	Kashi	100	South Asia
1000-1100	Daily	Hungarian	P	15220	Kashi	500	Europe
				17570	Kashi	500	Europe
1000-1100	Daily	Japanese	P	7325	Jinhua	500	Far East
				11620	Xian	500	Far East
1000-1100	Daily	Russian	P	7390	Huhhot	100	Siberia
				9725	Huhhot	100	Siberia
				11935	Shijiazhuang	500	Far East
1030-1130	Daily	Indonesian	P	15135	Kunming	100	South-East Asia
				17605	Kunming	500	South-East Asia
1030-1130	Daily	Khmer	P	9490	Kunming	150	South-East Asia
				15160	Nanning	100	South-East Asia
1100-1200	Daily	Amoy	P	9440	Kunming	150	South-East Asia
				11875	Kunming	500	South-East Asia
1100-1200	Daily	Bulgarian	M	15180	Kashi	500	Europe
1100-1200	Daily	Burmese	P	9880	Kunming	100	South-East Asia
1100-1200	Daily	Cantonese	P	7370	Nanning	100	South-East Asia
				9540	Beijing	500	Australia/New Zealand
				9570	Kunming	500	Australia/New Zealand
				9590	Kunming	150	South-East Asia
				9645	Beijing	500	South-East Asia
1100-1200	Daily	Chinese	P	7435	Beijing	150	Far East
				9610	Kunming	500	Australia/New Zealand
				11750	Beijing	500	Australia/New Zealand
				13610	Kashi	100	South Asia
				13755	Kashi	100	South Asia
				17650	Kashi	500	Europe
1100-1200	Daily	Czech	M	15220	Kashi	500	Europe
				17570	Kashi	500	Europe
1100-1200	Daily	English	P	5955	Beijing	150	Far East
				9500	Kashi	100	South Asia
				11650	Urumqi	500	South Asia
				11795	Kashi	100	South Asia
				13590	Beijing	500	South-East Asia
				13720	Xian	500	South-East Asia
				15660	Kashi	100	South Asia
				17490	Kashi	500	Europe
1100-1200	Daily	Esperanto	P	11635	Urumqi	100	Far East
				15110	Urumqi	100	Far East
1100-1200	Daily	Japanese	P	7325	Jinhua	500	Far East
				11620	Xian	500	Far East
1100-1200	Daily	Korean	P	13750	Xian	500	Far East
1100-1200	Daily	Mongolian	P	7390	Huhhot	100	Central Asia
				11985	Urumqi	100	Central Asia
1100-1200	Daily	Russian	P	9725	Huhhot	100	Siberia
				11935	Shijiazhuang	500	Far East
				13860	Beijing	500	Siberia
1100-1200	Daily	Vietnamese	P	9550	Beijing	500	South-East Asia
				11720	Baoji	150	South-East Asia
				17530	Xian	500	South-East Asia
1130-1200	Daily	Tagalog	P	5985	Beijing	500	South-East Asia
				7410	Nanning	100	South-East Asia
				11955	Kunming	100	South-East Asia
				12070	Nanning	100	South-East Asia



1130-1230	Daily	Thai	P	7360	Kunming	100	South-East Asia
				9785	Kunming	150	South-East Asia
1200-1230	Daily	Tagalog	P	11955	Kunming	100	South-East Asia
				17510	Nanning	100	South-East Asia
1200-1250	Daily	Cantonese	P	9570	La Habana	250	North America
1200-1300	Daily	Amoy	P	11910	Beijing	500	South-East Asia
1200-1300	Daily	Chinese	P	7435	Beijing	150	Far East
				7440	Nanning	100	South-East Asia
				9540	Kunming	500	South Asia
				9855	Beijing	500	South-East Asia
				13610	Kashi	100	South Asia
				13755	Kashi	100	South Asia
				15110	Urumqi	500	West Asia
				17650	Kashi	500	Europe
1200-1300	Daily	Chinese	P	11790	Kashi	100	Near East
		News Radio		13810	Kashi	100	Near East
1200-1300	Daily	English	P	5955	Beijing	150	Far East
				9460	Kashi	100	South Asia
				9500	Kashi	100	South Asia
				9600	Kunming	150	South-East Asia
				9645	Beijing	500	South-East Asia
				9730	Kunming	100	South-East Asia
				9760	Kunming	500	Australia/New Zealand
				11650	Urumqi	500	South Asia
				11760	Kunming	500	Australia/New Zealand
				11980	Kunming	150	South-East Asia
				15555	Xian	500	Central Asia
				15590	Urumqi	500	Europe
				15660	Kashi	100	South Asia
				17490	Kashi	500	Europe
1200-1300	Daily	French	P	17560	Kashi	500	Europe
1200-1300	Daily	Japanese	P	7325	Jinhua	500	Far East
				11620	Xian	500	Far East
1200-1300	Daily	Khmer	P	9440	Kunming	150	South-East Asia
				11680	Nanning	100	South-East Asia
1200-1300	Daily	Korean	P	13570	Xian	500	Far East
1200-1300	Daily	Mongolian	P	5990	Huhhot	100	East Asia
				6050	Huhhot	100	East Asia
1200-1300	Daily	Russian	P	6100	Beijing	500	Siberia
				7230	Kashi	100	Central Asia
				11935	Shijiazhuang	500	Siberia
				13575	Urumqi	500	Western Russia
				13600	Xian	500	Southern Russia/Caucasus
				15335	Shijiazhuang	500	Far East
1200-1300	Daily	Serbian	M	15180	Kashi	500	Europe
1200-1300	Daily	Vietnamese	P	9550	Beijing	500	South-East Asia
				11640	Xian	500	South-East Asia
				11720	Baoji	150	South-East Asia
1230-1330	Daily	Lao	P	7360	Kunming	100	South-East Asia
				9785	Kunming	150	South-East Asia
1230-1330	Daily	Malay	P	11955	Kunming	500	South-East Asia
				13795	Kunming	100	South-East Asia
1300-1400	Daily	Bengali	P	9490	Kunming	150	South Asia
				9600	Baoji	150	South Asia
				11610	Kunming	150	South Asia
1300-1400	Daily	Burmese	P	9880	Kunming	100	South-East Asia
				11780	Kunming	100	South-East Asia
1300-1400	Daily	Chinese	P	7215	Xian	500	South-East Asia
				7435	Beijing	150	Far East
				13650	Urumqi	500	West Asia
				17735	Kashi	500	Europe
1300-1400	Daily	Chinese-NR	P	11790	Kashi	100	Near East
				13810	Kashi	100	Near East
1300-1400	Daily	English	P	5955	Beijing	150	Far East
				9500	Kashi	100	South Asia
				9730	Nanning	100	South-East Asia
				9765	Baoji	150	Central Asia
				9870	Xian	500	South-East Asia

				11760	Kunming	500	Australia/New Zealand
				11910	Beijing	500	South-East Asia
				11980	Kunming	150	South-East Asia
				13670	Kashi	500	Europe
				13755	Kashi	100	South Asia
				15590	Urumqi	500	Europe
1300-1400	Daily	Esperanto	P	9440	Nanning	100	South-East Asia
				11650	Beijing	500	South-East Asia
1300-1400	Daily	French	P	13685	Bamako	100	Africa
				13650	Kashi	500	Europe
				17880	Bamako	100	Africa
1300-1400	Daily	Hindi	P	9450	Kashi	100	South Asia
				11675	Urumqi	500	South Asia
1300-1400	Daily	Japanese	P	7325	Xian	500	Far East
				7410	Jinhua	500	Far East
1300-1400	Daily	Korean	P	12025	Xian	500	Far East
1300-1400	Daily	Mongolian	P	6100	Urumqi	100	Central Asia
				7285	Beijing	500	Central Asia
1300-1400	Daily	Russian	P	5990	Huhhot	100	Siberia
				6050	Huhhot	100	Siberia
				7230	Kashi	100	Central Asia
				9675	Shijiazhuang	500	Far East
				13600	Xian	500	Southern Russia/Caucasus
1300-1400	Daily	Vietnamese	P	603	Dongfang	600	South-East Asia
				684	Dongfang	600	South-East Asia
				1296	Anning	300	South-East Asia
				9550	Beijing	500	South-East Asia
				9685	Xian	500	South-East Asia
1330-1430	Daily	Indonesian	P	9535	Kunming	100	South-East Asia
				11955	Kunming	500	South-East Asia
1330-1430	Daily	Thai	P	7360	Kunming	100	South-East Asia
				9785	Kunming	150	South-East Asia
1400-1500	Daily	Amoy	P	9655	Kunming	100	South-East Asia
				11650	Kunming	150	South-East Asia
1400-1500	Daily	Bengali	P	9490	Kunming	150	South Asia
				11610	Kunming	150	South Asia
1400-1500	Daily	Burmese	P	11780	Kunming	100	South-East Asia
1400-1500	Daily	Chinese	P	6040	Xian	500	South-East Asia
				7235	Kashi	100	South Asia
				7410	Beijing	500	South-East Asia
				7435	Beijing	150	Far East
				9730	Kashi	100	South Asia
				12025	Urumqi	500	Central Asia
				15410	Kashi	500	Europe
				17735	Kashi	500	Europe
1400-1500	Daily	English	P	5955	Beijing	150	Far East
				9765	Baoji	150	Caucasus
				9870	Xian	500	South-East Asia
				11675	Urumqi	500	South Asia
				11765	Urumqi	500	South Asia
				11815	Urumqi	500	West Asia
				13710	Kashi	500	Europe
				15590	Urumqi	500	Europe
1400-1500	Daily	Japanese	P	7360	Xian	500	Far East
				7410	Jinhua	500	Far East
1400-1500	Daily	Khmer	P	6055	Nanning	100	South-East Asia
				9880	Nanning	100	South-East Asia
1400-1500	Daily	Korean	P	5965	Xian	500	Far East
1400-1500	Daily	Mongolian	P	5990	Huhhot	100	East Asia
				6105	Huhhot	100	East Asia
1400-1500	Daily	Nepali	P	7250	Xian	500	South Asia
				7435	Kunming	500	South Asia
1400-1500	Daily	Russian	P	6155	Kashi	100	Central Asia
				9675	Shijiazhuang	500	Far East
				11910	Xian	500	Southern Russia/Caucasus
1400-1500	Daily	Sinhala	P	7265	Kashi	100	South Asia
				9740	Jinhua	500	South Asia

1400-1500	Daily	Tamil	P	11685	Kashi	100	South Asia
				13600	Kashi	100	South Asia
1400-1500	Daily	Urdu	P	9800	Kashi	100	South Asia
				11660	Kunming	500	South Asia
1400-1500	Daily	Vietnamese	P	9550	Beijing	500	South-East Asia
				12010	Baoji	150	South-East Asia
1430-1500	Daily	English	P	13685	Bamako	100	Africa
				17630	Bamako	100	Africa
1430-1500	Daily	Tagalog	P	7325	Nanning	100	South-East Asia
				11640	Nanning	100	South-East Asia
1430-1530	Daily	Lao	P	7360	Kunming	100	South-East Asia
				9785	Kunming	150	South-East Asia
1500-1530	Daily	Pashto	P	9665	Kashi	100	Afghanistan
				11665	Kunming	500	Afghanistan
1500-1530	Daily	Persian	P	9570	Urumqi	500	Iran
				9600	Kashi	500	Iran
1500-1600	Daily	Bengali	P	9490	Kunming	150	South Asia
				9610	Kunming	150	South Asia
1500-1600	Daily	Chinese	P	6155	Beijing	500	South-East Asia
				7235	Kashi	100	South Asia
				7435	Beijing	150	Far East
				9455	Kunming	150	South-East Asia
				9560	Kashi	100	South Asia
				13755	Kashi	500	Europe
				17735	Kashi	500	Europe
1500-1600	Daily	English	P	5955	Beijing	150	Far East
				7325	Beijing	500	South-East Asia
				7445	Urumqi	500	South Asia
				9675	Jinhua	500	South Asia
				9870	Xian	500	South-East Asia
				9880	Nanning	100	South-East Asia
				11610	Kashi	500	Near East
				13630	Urumqi	500	Near East
				13640	Kashi	500	Europe
				13685	Bamako	100	East Africa
				15245	Kashi	500	Europe
				17630	Bamako	100	North-East Africa
1500-1600	Daily	Hindi	P	7225	Urumqi	500	South Asia
				7265	Kashi	100	South Asia
1500-1600	Daily	Japanese	P	7410	Jinhua	500	Far East
				9585	Xian	500	Far East
1500-1600	Daily	Nepali	P	7250	Xian	500	South Asia
				7435	Kunming	500	South Asia
1500-1600	Daily	Russian	P	5965	Beijing	500	Siberia
				5990	Huhhot	100	Siberia
				6085	Huhhot	100	Siberia
				6100	Kashi	100	Central Asia
				9880	Xian	500	Southern Russia/Caucasus
				11790	Urumqi	500	Western Russia
				13860	Shijiazhuang	500	Western Russia
1500-1600	Daily	Tamil	P	9690	Kashi	100	South Asia
				11685	Kashi	100	South Asia
1500-1600	Daily	Turkish	P	13710	Kunming	500	Turkey
1500-1600	Daily	Urdu	P	7285	Kashi	100	South Asia
				9535	Kashi	100	South Asia
1500-1600	Daily	Vietnamese	P	9550	Beijing	500	South-East Asia
1530-1600	Daily	Pashto	P	9570	Urumqi	500	Afghanistan
				9665	Kashi	100	Afghanistan
				11665	Kunming	500	Afghanistan
1600-1700	Daily	Arabic	P	13790	Kashi	500	The Arab World
				15125	Bamako	100	The Arab World
				17880	Bamako	100	The Arab World
1600-1700	Daily	English	P	6060	Kunming	150	South-East Asia
				6175	Nanning	100	South-East Asia
				7235	Kashi	100	South Asia
				9570	Beijing	500	Central Africa
				9880	Nanning	100	South-East Asia
				11900	Jinhua	500	East Africa

				11940	Kashi	500	Europe
				11965	Kashi	500	Europe
				13760	Kashi	500	Europe
				15250	Urumqi	500	Near East
1600-1700	Daily	French	P	17765	Kashi	500	Europe
1600-1700	Daily	German	M	9535	Baoji	150	Europe
				11725	Xian	500	Europe
1600-1700	Daily	Hakka	P	9770	Urumqi	500	Southern Africa
				11880	Xian	500	Southern Africa
1600-1700	Daily	Hindi	P	6100	Kashi	100	South Asia
				7265	Kunming	500	South Asia
1600-1700	Daily	Russian	P	5995	Kashi	100	Central Asia
				9605	Beijing	500	Western Russia
				9730	Shijiazhuang	500	Western Russia
				11875	Urumqi	500	Western Russia
1600-1700	Daily	Swahili	P	5985	Beijing	500	East Africa
				7245	Xian	500	East Africa
1600-1700	Daily	Turkish	P	6165	Urumqi	500	Turkey
				13710	Kunming	500	Turkey
1600-1700	Daily	Vietnamese	P	7315	Kunming	100	South-East Asia
				9550	Beijing	500	South-East Asia
1630-1730	Daily	Hausa	P	9685	Kunming	500	West Africa
				13870	Kashi	500	West Africa
1700-1800	Daily	Arabic	P	13790	Kashi	500	The Arab World
1700-1800	Daily	Cantonese	P	9770	Xian	500	Central Africa
				9800	Urumqi	500	Central Africa
1700-1800	Daily	Croatian	P	9410	Kashi	500	Europe
				11825	Beijing	500	Europe
1700-1800	Daily	English	P	6060	Kunming	150	South-East Asia
				6140	Kashi	100	South Asia
				6165	Beijing	500	Near East
				6175	Nanning	100	South-East Asia
				7235	Kashi	100	South Asia
				7330	Jinhua	500	East Africa
				7410	Kashi	100	South Asia
				7420	Kunming	150	South-East Asia
				9570	Beijing	500	East Africa
				9880	Nanning	100	South-East Asia
				12015	Beijing	500	Europe
				13760	Kashi	500	Europe
1700-1800	Daily	Esperanto	P	11650	Xian	500	Europe
				13670	Beijing	500	Europe
1700-1800	Daily	French	P	17765	Kashi	500	Europe
1700-1800	Daily	German	M	9535	Baoji	150	Europe
				11725	Xian	500	Europe
1700-1800	Daily	Russian	P	7265	Urumqi	500	Western Russia
				9470	Xian	500	Southern Russia/Caucasus
				9605	Shijiazhuang	500	Western Russia
				11875	Urumqi	500	Western Russia
1700-1800	Daily	Swahili	P	5985	Beijing	500	East Africa
				7215	Xian	500	East Africa
				13645	Bamako	100	East Africa
				15125	Bamako	100	East Africa
1730-1830	Daily	Chinese	P	7275	Urumqi	500	Near East
				9685	Urumqi	500	Europe
				9695	Kunming	500	Near East
				11660	Shijiazhuang	500	Europe
				13710	Kunming	500	Near East
1730-1830	Daily	Hausa	P	9685	Kunming	500	West Africa
				13660	Kashi	500	West Africa
1800-1830	Daily	Hausa	P	11640	Bamako	100	West Africa
				13645	Bamako	100	West Africa
1800-1830	Daily	Persian	P	7415	Xian	500	Iran
				9670	Beijing	500	Iran
1800-1900	Daily	Amoy	P	11895	Xian	500	Europe
				13700	Urumqi	500	Europe
1800-1900	Daily	English	P	9600	Beijing	500	Europe
				13760	Kashi	500	Europe

1800-1900	Daily	French	P	9480	Xian	500	Europe
				11695	Kashi	500	North Africa
1800-1900	Daily	German	M	11650	Urumqi	500	Europe
				11775	Xian	500	Europe
				13720	Kashi	500	Europe
				13810	Kashi	500	Europe
1800-1900	Daily	Italian	M	7340	Kashi	500	Europe
				7435	Jinhua	500	Europe
1800-1900	Daily	Russian	P	7210	Urumqi	500	Western Russia
				9560	Beijing	500	Southern Russia/Caucasus
				9765	Shijiazhuang	500	Western Russia
1830-1900	Daily	Bulgarian	P	6020	Shijiazhuang	500	Europe
				7265	Urumqi	500	Europe
				13710	Kunming	500	Europe
1830-1900	Daily	Persian	P	7415	Xian	500	Iran
				9670	Beijing	500	Iran
1830-1930	Daily	Arabic	P	11640	Bamako	100	The Arab World
				13685	Bamako	100	The Arab World
1830-1930	Daily	French	P	9645	Kunming	500	West Africa
				13660	Kashi	500	West Africa
1900-1930	Daily	Czech	M	7415	Urumqi	500	Europe
				9515	Shijiazhuang	500	Europe
1900-1930	Daily	Hungarian	P	7435	Urumqi	500	Europe
				9560	Xian	500	Europe
1900-1930	Daily	Romanian	P	6090	Urumqi	500	Europe
1900-2000	Daily	Albanian	P	6020	Shijiazhuang	500	Europe
				7385	Kashi	500	Europe
1900-2000	Daily	Cantonese	P	9575	Beijing	500	Europe
				11895	Kashi	500	Europe
1900-2000	Daily	English	P	7295	Urumqi	500	West Africa
				9440	Kunming	500	Near East/West Africa
1900-2000	Daily	German	M	11650	Urumqi	500	Europe
				11775	Xian	500	Europe
				13720	Kashi	500	Europe
				13810	Kashi	500	Europe
1900-2000	Daily	French	P	9480	Xian	500	Europe
				11695	Kashi	500	North Africa
1900-2000	Daily	Portuguese	M	5985	Beijing	500	Southern Africa
				7205	Xian	500	Southern Africa
				9535	Baoji	150	Southern Africa
				9730	Kashi	500	Europe
				9765	Beijing	500	Southern Africa
				11750	Jinhua	500	Europe
1900-2000	Daily	Russian	P	6110	Xian	500	Southern Russia/Caucasus
				7245	Baoji	150	Western Russia
				9525	Beijing	500	Western Russia
1900-2000	Daily	Turkish	P	9655	Kunming	500	Turkey
				13710	Kunming	500	Turkey
1930-2000	Daily	Czech	M	7415	Urumqi	500	Europe
1930-2000	Daily	Portuguese	M	11640	Bamako	100	Southern Africa
				13630	Bamako	100	Southern Africa
1930-2000	Daily	Romanian	P	6090	Urumqi	500	Europe
				7435	Xian	500	Europe
1930-2030	Daily	Esperanto	P	7265	Urumqi	500	Europe
				9745	Kashi	500	Europe
1930-2030	Daily	French	P	9645	Kunming	500	West Africa
				13660	Kashi	500	West Africa
2000-2030	Daily	Serbian	M	7325	Urumqi	500	Europe
				7390	Xian	500	Europe
				9585	Kashi	500	Europe
2000-2100	Daily	Arabic	P	6100	Xian	500	The Arab World
2000-2100	Daily	Chinese	P	7205	Xian	500	East Africa
				7255	Kashi	500	Near East
				9865	Kunming	500	Near East
				13670	Beijing	500	Europe
				13690	Shijiazhuang	500	Europe
2000-2100	Daily	English	P	5985	Beijing	500	East Africa
				7295	Urumqi	500	West Africa



				7415	Kashi	500	Europe
				9440	Kunming	500	Near East
				9600	Kashi	500	Europe
				11640	Bamako	100	Africa
				11770	Xian	500	Europe
				13630	Bamako	100	Africa
2000-2100	Daily	Polish	M	6020	Shijiazhuang	500	Europe
				7305	Urumqi	500	Europe
2000-2100	Daily	Russian	P	7245	Baoji	150	Western Russia
				9525	Beijing	500	Western Russia
2030-2100	Daily	Bulgarian	P	9720	Urumqi	500	Europe
				11940	Kunming	500	Europe
2030-2100	Daily	Hungarian	P	7390	Jinhua	500	Europe
				9585	Kashi	500	Europe
2030-2130	Daily	French	P	9570	Urumqi	500	Europe
				11660	Kashi	500	Europe
2030-2130	Daily	Italian	M	7265	Urumqi	500	Europe
				7345	Kashi	500	Europe
2100-2130	Daily	English	P	11640	Bamako	100	Africa
				13630	Bamako	100	Africa
2100-2130	Daily	Serbian	M	7325	Xian	500	Europe
				7445	Kunming	500	Europe
2100-2200	Daily	Arabic	P	6100	Xian	500	The Arab World
2100-2200	Daily	Croatian	P	11825	Beijing	500	Europe
				13670	Beijing	500	Europe
2100-2200	Daily	English	P	7205	Xian	500	East Africa
				7325	Beijing	500	East Africa
				7415	Kashi	500	Europe
				9600	Kashi	500	Europe
				11770	Xian	500	Europe
2100-2200	Daily	Korean	P	7290	Xian	500	Far East
2100-2200	Daily	Spanish	P	9640	Kashi	500	Europe
				13690	Shijiazhuang	500	Europe
2130-2200	Daily	Hungarian	P	7445	Urumqi	500	Europe
2130-2230	Daily	French	P	9570	Urumqi	500	Europe
				11660	Kashi	500	Europe
				11975	Bamako	100	North Africa
				13630	Bamako	100	Indian Ocean Islands
2200-2300	Daily	Chinese	P	5975	Beijing	500	East Africa
				6140	Kunming	100	South-East Asia
				7215	Kunming	100	South-East Asia
				7265	Kunming	500	Near East
				7285	Urumqi	500	Near East
				7325	Kunming	150	South-East Asia
				7430	Jinhua	500	East Africa
				9675	Beijing	150	Far East
				9720	Kunming	150	South-East Asia
2200-2300	Daily	English	P	9590	Beijing	150	Far East
2200-2300	Daily	Esperanto	P	7300	Kashi	500	South America
				9890	Kashi	500	South America
2200-2300	Daily	Japanese	P	11770	Xian	500	Far East
				13640	Jinhua	500	Far East
2200-2300	Daily	Korean	P	7290	Xian	500	Far East
2200-2300	Daily	Portuguese	M	7260	Urumqi	500	Europe
				9410	Kashi	500	South America
				9685	Kashi	500	South America
				11760	Xian	500	Europe
2200-2300	Daily	Spanish	P	9640	Kashi	500	Europe
				11855	Urumqi	500	Europe
				13690	Shijiazhuang	500	Europe
				17880	Beijing	500	South America
2300-0000	Daily	Cantonese	P	6140	Kunming	100	South-East Asia
				7325	Kunming	150	South-East Asia
				9460	Kunming	150	South-East Asia
				11945	Kunming	500	South-East Asia
				15100	Beijing	500	South-East Asia
2300-0000	Daily	Chinese	P	9865	Urumqi	500	Europe
				11900	Beijing	150	Far East

2300-0000	Daily	English	P	5990	La Habana	250	Central America/Caribbean
				6160	Kashi	100	South Asia
				6180	Kashi	100	South Asia
				7350	Kashi	500	Europe
				11690	Beijing	150	Far East
				11790	Xian	500	South-East Asia
				11955	Kunming	100	South-East Asia
2300-0000	Daily	Japanese	P	11770	Xian	500	Far East
				13640	Jinhua	500	Far East
2300-0000	Daily	Khmer	P	7430	Nanning	100	South-East Asia
				9765	Nanning	100	South-East Asia
2300-0000	Daily	Mongolian	P	9470	Xian	500	Central Asia
				12085	Xian	500	Central Asia
2300-0000	Daily	Portuguese	M	13650	La Habana	250	South America
				17880	Beijing	500	South America
2300-0000	Daily	Russian	P	7430	Huhhot	100	Siberia
				9445	Huhhot	100	Siberia
2300-0000	Daily	Spanish	P	11830	Kashi	500	South America
				11855	Urumqi	500	Europe
				13740	Kashi	500	South America
2300-0000	Daily	Vietnamese	P	11620	Beijing	500	South-East Asia
				13770	Xian	500	South-East Asia
2330-0030	Daily	Sinhala	P	7260	Kashi	100	South Asia
				9490	Kunming	150	South Asia

These DRM transmissions are registered with the HFCC by CRI from the Kunming transmitter site towards Australasia:

<i><b>kHz</b></i>	<i><b>Transmitter site</b></i>	<i><b>kW</b></i>	<i><b>Time/UTC</b></i>	<i><b>DRM ID code</b></i>
12095	Kunming, Yunnan	150	0100-0300	3F9
13710	Kunming, Yunnan	150	0200-0300, 0530-0630, 0800-0900	3F9
13730	Kunming, Yunnan	150	0100-0200, 0400-0500, 0600-0900	3F9
13740	Kunming, Yunnan	150	0300-0330	3F9
13760	Kunming, Yunnan	150	0400-0600, 0700-0730	3F9
13810	Kunming, Yunnan	150	0300-0400	3F9
15445	Kunming, Yunnan	150	0800-0900	3F9
15460	Kunming, Yunnan	150	0130-0400	3F9
15560	Kunming, Yunnan	150	0500-0530	3F9
15590	Kunming, Yunnan	150	0100-0130, 0330-0400	3F9
15640	Kunming, Yunnan	150	0400-0500	3F9
15670	Kunming, Yunnan	150	0100-0330, 0600-0730	3F9
15720	Kunming, Yunnan	150	0500-0600, 0630-0700, 0730-0800	3F9
17490	Kunming, Yunnan	150	0300-0500	3F9
17605	Kunming, Yunnan	150	0130-0300	3F9
17640	Kunming, Yunnan	150	0530-0600	3F9
17760	Kunming, Yunnan	150	0100-0130, 0500-0530, 0600-0900	3F9

### **Other stations in China broadcasting to an international audience on shortwave**

#### **China Huayi Broadcasting Corporation**

China Huayi Broadcasting Corporation is a private radio station broadcasting news and entertainment to listeners in Taiwan, Hong Kong, Macao and South-East Asia in general.

**Transmitter site:** Fuzhou, Fujian - 15 kW.

<i><b>Time/UTC</b></i>	<i><b>Days</b></i>	<i><b>Language</b></i>	<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Target area</b></i>
0950-1600	Daily	Chinese	6185	15	Southern China, South-East Asia

#### **Haixa zhi Sheng (Voice of the Strait)**

Voice of the Strait is a service operated by the Peoples Liberation Army and broadcasting to Taiwan. There are two services, News Radio in Chinese (666 & 4940 kHz) and the Minnan Language Programme (783 & 4900 kHz).

#### **Minnan Language Program**

**Transmitter site:** Fuzhou, Fujian.

**Silent period:** Wednesday 0400-0955.

<i><b>Time/UTC</b></i>	<i><b>Days</b></i>	<i><b>Language</b></i>	<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Target area</b></i>
0945-1600	Daily	Minnan	4900	50	Taiwan

#### **Voice of the Taiwan Strait News Radio**

**Transmitter site:** Fuzhou, Fujian.

**Silent period:** Wednesday 0400-0955.

<i><b>Time/UTC</b></i>	<i><b>Days</b></i>	<i><b>Language</b></i>	<i><b>kHz</b></i>	<i><b>kW</b></i>	<i><b>Target area</b></i>
0945-1600	Daily	Chinese	4940	50	Taiwan

### Voice of Jinling

The Voice of Jinling is located in Nanjing and broadcasts to the surrounding area on 99.7 FM. It is also aired on shortwave 6200 kHz between 1230-1505 reportedly for listeners in Taiwan.

**Transmitter site:** Nanjing, Jiangsu.

**Target area:** Taiwan

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>
1230-1505	Daily	Chinese	6200	100

### Voice of Guangxi Beibu Wan (Beibu Bay Radio)

Beibu Bay Radio is a joint venture of Guangxi Broadcasting and TV Bureau and CRI.

**Target area:** ASEAN countries primarily in the Gulf of Tonkin.

**Transmitter site:** Nanning, Guangxi.

<b>Time/UTC</b>	<b>Days</b>	<b>kHz</b>	<b>kW</b>
2250-0102 and 0945-1603	Daily	5050	100
		9820	100

*Programme highlights (acknowledging Cahcn <https://cahcn.github.io/>)*

#### *Morning broadcast*

2250-2300 Opening music  
2300-2350 CNR Voice of the Greater Bay Area, with "China Original Golden Melody List" in Chinese and Cantonese  
2350-0005 Music  
0005-0050 CNR Voice of Literature "Folk Song Popularity" programme  
0050-0100 Music  
0100-0102 Learn Chinese with Me (Mon: Khmer / Tue: Lao / Wed: Burmese / Thu: Thai / Fri: Vietnamese)  
0102 Weather forecast in Vietnamese (Mon-Fri) and then close

#### *Evening broadcast*

0945-1000 Vietnamese  
1000-1100 Chinese, includes CRI/CGTN "Foreigners Watch" programme at 1030-1100  
1100-1200 Vietnamese (CRI Vietnamese programme)  
1200-1202 Learn Chinese with Me (Mon: Khmer / Tue: Lao / Wed: Burmese / Thu: Thai / Fri: Vietnamese)  
1202-1300 Vietnamese  
1300-1335 Various languages  
1335-1340 "One Word, One World" programme: Mon: Khmer / Tue: Lao / Wed: Burmese / Thu: Thai / Fri: Vietnamese  
1340-1400 Chinese  
1400-1410 Music  
1410-1420 Chinese, CRI/CGTN "Panoramic China" programme  
1420-1430 Music  
1430-1500 Cantonese  
1500-1600 Chinese, includes Public Service announcements at 1500-1510, "One Word One World" in English at 1510-1515, Cantonese hits at 1520-1530, "Charming China" in Thai at 1530-1545

*Note: schedule subject to confirmation; it may have changed slightly since last added to this page.*

## **Target broadcasts to China**

### Voice of the Martyrs

The Voice of the Martyrs is a non-profit, interdenominational Christian organization founded in 1967 by Pastor Richard Wurmbrand, who was imprisoned for 14 years in Communist Romania for his faith in Christ. VOM is dedicated to serving persecuted Christians worldwide through practical and spiritual assistance and leading other members of the body of Christ into fellowship with them.

**Transmitter site:** Tashkent, Uzbekistan - 100 kW.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1500-1530	Daily	Chinese	7625
2100-2130	Daily	Chinese	7625

### Voice of Tibet

Voice of Tibet is a radio station based in Norway transmitting shortwave radio programmes in the Tibetan language as well as Mandarin Chinese. The station began broadcasting on 14 May 1996 and was founded by three Norwegian NGOs: Norwegian Human Rights House, The Norwegian Tibet Committee and Worldview Rights. Its broadcasts target Tibet and China as well as India, Bhutan and Nepal. It receives funds from the United States National Endowment for Democracy.

**Transmitter site:** Dushanbe, Tajikistan - 100 kW.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1300-1400	Daily	Tibetan	moves between 9864 and 9899
2300-0000	Daily	Tibetan	moves between 7476 and 7499

Voice of Tibet moves frequency regularly to avoid Chinese jamming.

## Voice of America and Radio Free Asia broadcasts to China

Voice of America (VOA) is an American international broadcaster funded by the United States Congress. It is the largest and oldest U.S. funded international broadcaster. VOA produces digital, TV, and radio content in 47 languages which it distributes to affiliate stations around the globe. It is primarily viewed by foreign audiences, so VOA programming has an influence on public opinion abroad regarding the United States and its people. VOA is headquartered in Washington, D.C., and overseen by the U.S. Agency for Global Media (USAGM), an independent agency of the U.S. government. Funds are appropriated annually under the budget for embassies and consulates.

Radio Free Asia (RFA) operates under a US Congressional mandate to deliver uncensored, domestic news and information to China, Tibet, and other places in Asia with poor media environments and few, if any, free speech protections.

All broadcasts are usually blocked by a transmission of CNR-1 or a loop of firedrake music.

<b>UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Target area</b>				
0000-0100	Daily	VOA	Chinese	9600	Tinang, Philippines	250	China/East Asia				
				11660	Udon Thani, Thailand	250	China/East Asia				
				15340	Tinang, Philippines	250	China/East Asia				
				17560	Tinang, Philippines	250	China/East Asia				
0000-0100	Daily	VOA	Tibetan	9440	Udon Thani, Thailand	250	Tibet & environs				
				9895	Umm al-Rimam, Kuwait	250	Tibet & environs				
				13670	Udon Thani	250	Tibet & environs				
				13630	Udon Thani	250	Tibet & environs				
				13640	Udon Thani	250	Tibet & environs				
				13760	Udon Thani	250	Tibet & environs				
				13805	Udon Thani	250	Tibet & environs				
				13690	Udon Thani	250	Tibet & environs				
				13810	Udon Thani	250	Tibet & environs				
				0100-0200	Daily	RFA	Tibetan	9370	Dushanbe, Tajikistan	250	Tibet & environs
9410	Umm al-Rimam, Kuwait	250	Tibet & environs								
9705	Dushanbe, Tajikistan	200	Tibet & environs								
11965	Umm al-Rimam, Kuwait	250	Tibet & environs								
17670	Tinian, Northern Marianas	250	Tibet & environs								
0100-0200	Daily	RFA	Uighur					9350	Dushanbe, Tajikistan	200	Xinjiang & environs
								9780	Umm al-Rimam, Kuwait	250	Xinjiang & environs
								9800	Dushanbe, Tajikistan	200	Xinjiang & environs
								11640	Umm al-Rimam, Kuwait	250	Xinjiang & environs
								12005	Umm al-Rimam, Kuwait	250	Xinjiang & environs
				12015	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
				12025	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
				12000	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
				12015	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
				12025	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
0200-0300	Daily	RFA	Tibetan	11995	Umm al-Rimam, Kuwait	250	Xinjiang & environs				
				9865	Umm al-Rimam, Kuwait	250	Tibet & environs				
				11745	Saipan, Northern Marianas	100	Tibet & environs				
				11965	Umm al-Rimam, Kuwait	250	Tibet & environs				
				17670	Tinian, Northern Marianas	250	Tibet & environs				
				11895	Tinian, Northern Marianas	250	Tibet & environs				
				11820	Tinian, Northern Marianas	250	Tibet & environs				
				11925	Tinian, Northern Marianas	250	Tibet & environs				
				0300-0400	Daily	VOA	Tibetan	15250	Umm al-Rimam, Kuwait	250	Tibet & environs
								17735	Tinang, Philippines	250	Tibet & environs
21600	Tinang, Philippines	250	Tibet & environs								
21610	Tinang, Philippines	250	Tibet & environs								
21630	Tinang, Philippines	250	Tibet & environs								
21620	Tinang, Philippines	250	Tibet & environs								
21640	Tinang, Philippines	250	Tibet & environs								
21680	Tinang, Philippines	250	Tibet & environs								
21650	Tinang, Philippines	250	Tibet & environs								
0300-0400	Daily	RFA	Chinese					11570	Tinian, Northern Marianas	250	China/East Asia
				11895	Saipan, Northern Marianas	100	China/East Asia				
				12065	Umm al-Rimam, Kuwait	250	China/East Asia				
				17800	Saipan, Northern Marianas	100	China/East Asia				
0400-0500	Daily	VOA	Tibetan	15255	Udon Thani, Thailand	250	Tibet & environs				
				17670	Udon Thani, Thailand	250	Tibet & environs				
				17785	Tinang, Philippines	250	Tibet & environs				
				17865	Tinang, Philippines	250	Tibet & environs				
				17650	Tinang, Philippines	250	Tibet & environs				
				17650	Tinang, Philippines	250	Tibet & environs				

0400-0500	Daily	RFA	Chinese	11895	Saipan, Northern Marianas	100	China/East Asia
				13750	Umm al-Rimam, Kuwait	250	China/East Asia
				17800	Saipan, Northern Marianas	100	China/East Asia
				21570	Tinian, Northern Marianas	250	China/East Asia
0500-0600	Daily	VOA	Tibetan	15205	Umm al-Rimam, Kuwait	250	Tibet & environs
				17670	Udon Thani, Thailand	250	Tibet & environs
				21620	Tinang, Philippines	250	Tibet & environs
				21610	Tinang, Philippines	250	Tibet & environs
				21640	Tinang, Philippines	250	Tibet & environs
				21650	Tinang, Philippines	250	Tibet & environs
				21580	Tinang, Philippines	250	Tibet & environs
				21600	Tinang, Philippines	250	Tibet & environs
0500-0600	Daily	RFA	Chinese	21630	Tinang, Philippines	250	Tibet & environs
				11895	Saipan, Northern Marianas	100	China/East Asia
				17800	Umm al-Rimam, Kuwait	250	China/East Asia
				21690	Tinian, Northern Marianas	250	China/East Asia
0600-0700	Daily	RFA	Chinese	11895	Saipan, Northern Marianas	100	China/East Asia
				13790	Saipan, Northern Marianas	100	China/East Asia
				17800	Umm al-Rimam, Kuwait	250	China/East Asia
				17855	Tinian, Northern Marianas	250	China/East Asia
0600-0700	Daily	RFA	Tibetan	15610	Dushanbe, Tajikistan	200	Tibet & environs
				21590	Tinian, Northern Marianas	250	Tibet & environs
				17670	Umm al-Rimam, Kuwait	250	Tibet & environs
				17750	Umm al-Rimam, Kuwait	250	Tibet & environs
0900-1000	Daily	VOA	Chinese	11785	Udon Thani, Thailand	250	China/East Asia
				11825	Tinang, Philippines	250	China/East Asia
				13755	Udon Thani, Thailand	250	China/East Asia
				17485	Udon Thani, Thailand	250	China/East Asia
				21695	Udon Thani, Thailand	250	China/East Asia
				11785	Udon Thani, Thailand	250	China/East Asia
1000-1100	Daily	VOA	Chinese	11825	Tinang, Philippines	250	China/East Asia
				13755	Udon Thani, Thailand	250	China/East Asia
				17485	Udon Thani, Thailand	250	China/East Asia
				21695	Udon Thani, Thailand	250	China/East Asia
				13740	Umm al-Rimam, Kuwait	250	Tibet & environs
				15330	Tinian, Northern Marianas	250	Tibet & environs
1000-1100	Daily	RFA	Tibetan	21485	Tinian, Northern Marianas	250	Tibet & environs
				21455	Tinian, Northern Marianas	250	Tibet & environs
				21540	Tinian, Northern Marianas	250	Tibet & environs
				21565	Tinian, Northern Marianas	250	Tibet & environs
				21520	Tinian, Northern Marianas	250	Tibet & environs
				21495	Tinian, Northern Marianas	250	Tibet & environs
				21505	Tinian, Northern Marianas	250	Tibet & environs
				21505	Tinian, Northern Marianas	250	Tibet & environs
1100-1200	Daily	VOA	Chinese	7470	Udon Thani, Thailand	250	China/East Asia
				9460	Tinang, Philippines	250	China/East Asia
				11785	Tinang, Philippines	250	China/East Asia
				11825	Tinang, Philippines	250	China/East Asia
				15250	Tinang, Philippines	250	China/East Asia
1100-1200	Daily	RFA	Tibetan	13580	Dushanbe, Tajikistan	200	Tibet & environs
				15265	Lampertheim, Germany	100	Tibet & environs
				15490	Dushanbe	200	Tibet & environs
				17640	Tinian, Northern Marianas	250	Tibet & environs
1200-1300	Daily	VOA	Chinese	7470	Udon Thani, Thailand	250	China/East Asia
				11785	Tinang, Philippines	250	China/East Asia
				11825	Udon Thani, Thailand	250	China/East Asia
				15250	Tinang, Philippines	250	China/East Asia
1200-1300	Daily	RFA	Tibetan	12055	Umm al-Rimam, Kuwait	250	Tibet & environs
				13580	Dushanbe, Tajikistan	200	Tibet & environs
				15490	Dushanbe, Tajikistan	200	Tibet & environs
				17690	Dushanbe, Tajikistan	250	Tibet & environs
				17860	Lampertheim, Germany	250	Tibet & environs
1300-1400	Daily	VOA	Chinese	6115	Tinang, Philippines	250	China/East Asia
				11785	Tinang, Philippines	250	China/East Asia
				15130	Tinang, Philippines	250	China/East Asia
				15165	Udon Thani, Thailand	250	China/East Asia
1300-1400	Daily	VOA	Cantonese	7480	Udon Thani, Thailand	250	China/East Asia



1300-1400	Daily	RFA	Tibetan	11995	Umm al-Rimam, Kuwait	250	Tibet & environs
				13720	Dushanbe, Tajikistan	200	Tibet & environs
				15275	Dushanbe, Tajikistan	250	Tibet & environs
				15490	Dushanbe, Tajikistan	200	Tibet & environs
				17860	Saipan, Northern Marianas	100	Tibet & environs
1400-1500	Daily	VOA	Chinese	6115	Tinang, Philippines	250	China/East Asia
				9465	Tinang, Philippines	250	China/East Asia
				11900	Tinang, Philippines	250	China/East Asia
				15110	Tinang, Philippines	250	China/East Asia
				7480	Tinang, Philippines	250	China/East Asia
1400-1500	Daily	VOA	Cantonese	7480	Tinang, Philippines	250	China/East Asia
1400-1500	M/W/F Tu/Th Sa/Su	RFA	Cantonese	13755	Tinian, Northern Marianas	250	China/East Asia
				13795	Tinian, Northern Marianas	250	China/East Asia
				13575	Tinian, Northern Marianas	250	China/East Asia
1400-1500	Daily	VOA	Tibetan	9445	Umm al-Rimam, Kuwait	250	Tibet & environs
				17490	Biblis, Germany	100	Tibet & environs
				17690	Lampertheim, Germany	100	Tibet & environs
				9940	Umm al-Rimam, Kuwait	250	China/East Asia
1500-1600	Daily	RFA	Chinese	11675	Saipan, Northern Marianas	100	China/East Asia
				13810	Dushanbe, Tajikistan	250	China/East Asia
				9355	Dushanbe, Tajikistan	200	Tibet & environs
				11975	Dhabbaya, UAE	250	Tibet & environs
1500-1600	Daily	RFA	Tibetan	13720	Tinian, Northern Marianas	250	Tibet & environs
				13790	Tinian, Northern Marianas	250	Tibet & environs
				7465	Tinang, Philippines	250	Tibet & environs
				9760	Lampertheim, Germany	100	Tibet & environs
				9950	Udon Thani, Thailand	250	Tibet & environs
1600-1700	Daily	RFA	Chinese	11890	Tinang, Philippines	250	Tibet & environs
				7540	Dushanbe, Tajikistan	200	China/East Asia
				11610	Tinian, Northern Marianas	250	China/East Asia
				13570	Saipan, Northern Marianas	100	China/East Asia
				13810	Dushanbe, Tajikistan	250	China/East Asia
1600-1700	Daily	RFA	Uighur	9355	Dushanbe, Tajikistan	200	Xinjiang & environs
				11675	Tinian, Northern Marianas	250	Xinjiang & environs
				15140	Tinian, Northern Marianas	250	Xinjiang & environs
				9340	Umm al-Rimam, Kuwait	250	Xinjiang & environs
				9325	Umm al-Rimam, Kuwait	250	Xinjiang & environs
1600-1700	Daily	RFA	Chinese	9335	Umm al-Rimam, Kuwait	250	Xinjiang & environs
				9480	Umm al-Rimam, Kuwait	250	Xinjiang & environs
				9360	Umm al-Rimam, Kuwait	250	China/East Asia
				9920	Saipan, Northern Marianas	100	China/East Asia
				9360	Umm al-Rimam, Kuwait	250	China/East Asia
1700-1800	Daily	RFA	Chinese	9920	Saipan, Northern Marianas	100	China/East Asia
				9920	Saipan, Northern Marianas	100	China/East Asia
				12110	Umm al-Rimam, Kuwait	250	China/East Asia
1800-1900	Daily	RFA	Chinese	9360	Umm al-Rimam, Kuwait	250	China/East Asia
				9720	Saipan, Northern Marianas	100	China/East Asia
1900-2000	Daily	RFA	Chinese	6080	Tinian, Northern Marianas	250	China/East Asia
				9360	Umm al-Rimam, Kuwait	250	China/East Asia
2000-2100	Daily	RFA	Chinese	9535	Saipan, Northern Marianas	100	China/East Asia
				7435	Umm al-Rimam, Kuwait	250	China/East Asia
				9685	Umm al-Rimam, Kuwait	250	China/East Asia
2100-2200	Daily	RFA	Chinese	5875	Udon Thani, Thailand	250	China/East Asia
				9625	Tinang, Philippines	250	China/East Asia
2200-2300	Daily	RFA	Tibetan	7485	Umm al-Rimam, Kuwait	250	Tibet & environs
				9380	Umm al-Rimam, Kuwait	250	Tibet & environs
				7355	Umm al-Rimam, Kuwait	250	Tibet & environs
				7365	Umm al-Rimam, Kuwait	250	Tibet & environs
				7520	Umm al-Rimam, Kuwait	250	Tibet & environs
				9655	Umm al-Rimam, Kuwait	250	Tibet & environs
				7360	Umm al-Rimam, Kuwait	250	Tibet & environs
				9920	Umm al-Rimam, Kuwait	250	Tibet & environs
				7520	Umm al-Rimam, Kuwait	250	Tibet & environs
				9535	Umm al-Rimam, Kuwait	250	China/East Asia
2300-0000	Daily	RFA	Chinese	9720	Umm al-Rimam, Kuwait	250	China/East Asia
				15265	Saipan, Northern Marianas	100	China/East Asia
				5950	Umm al-Rimam, Kuwait	250	Tibet & environs
2300-0000	Daily	RFA	Tibetan	9545	Dushanbe, Tajikistan	250	Tibet & environs
				11700	Tinian, Northern Marianas	250	Tibet & environs

## Sound of Hope

Sound of Hope (SOH) is an international Chinese-language radio network. Along with New Tang Dynasty Television and The Epoch Times, it is part of a network of media organisations established by practitioners of the Falun Gong new religious movement. SOH serves the Chinese diaspora in US, Europe, Australia, Japan and South Korea on mediumwave and FM and broadcasts to China on an extensive number of out-of-band shortwave frequencies. Programmes are in Chinese and Cantonese, and also include relays of Radio Free Asia at times.

**Transmitter sites:** Pingtung and Miaoli, Taiwan - all transmitters are low power - 1 kW or less.

**Frequencies:** The frequencies and times below are those listed for A24 in the Shortwave Frequency List compiled by Shiganori Aoki on the [Nagoya DXers Circle](#) website (list dated 31 March 2024)

**Jamming:** most frequencies will be jammed by co-channel CNR-1 from Mainland China, which in most cases will be the dominant signal when listening from afar. See Ron Howard's tips below on how to distinguish between SOH and CNR.

kHz	Site	Time/UTC	kHz	Site	Time/UTC	kHz	Site	Time/UTC
6215	Miaoli	24 hours	11550	Miaoli	2100-1500	14560	Miaoli	2200-1500
6230	Miaoli	24 hours	11580	Miaoli	1500-1600	14580	Miaoli	2200-1500
6280	Miaoli	24 hours	11580	Miaoli	2100-1500	14635	Miaoli	2200-1500
6340	Miaoli	2110-1700	11600	Miaoli	2100-1600	14690	Miaoli	2200-1500
6370	Miaoli	24 hours	11715	Miaoli	2105-1700	14725	Miaoli	2200-1611
6730	Miaoli	24 hours	11765	Miaoli	2130-1500	14775	Miaoli	2200-1500
6850	Miaoli	24 hours	11775	Miaoli	2131-1730	14800	Miaoli	2130-1500
6865	Miaoli	24 hours	11970	Miaoli	2130-1500	14820	Miaoli	2100-1500
6900	Miaoli	24 hours	11975	Miaoli	2200-1700	14870	Miaoli	2200-1605
6970	Miaoli	24 hours	11990	Miaoli	2100-1600	14900	Pingtung	0100-1600
7210	Miaoli	24 hours	12150	Miaoli	2130-1700	14920	Miaoli	2130-1430
7280	Miaoli	24 hours	12160	Miaoli	2050-1600	14940	Miaoli	2200-1605
7310	Miaoli	24 hours	12190	Miaoli	2200-1600	14980	Miaoli	2200-1500
7460	Miaoli	2136-1500	12210	Miaoli	2100-1500	15280	Miaoli	2100-1700
7600	Miaoli	0200-0100	12230	Miaoli	2130-1700	15295	Miaoli	2300-1700
7645	Miaoli	0200-0100	12280	Miaoli	2130-1500	15340	Pingtung	2300-1703
7730	Miaoli	24 hours	12345	Miaoli	2130-1500	15360	Miaoli	2130-1500
7810	Miaoli	24 hours	12365	Miaoli	2105-1600	15410	Miaoli	2300-1200
9120	Miaoli	2100-1600	12430	Miaoli	2100-1700	15580	Miaoli	2150-1700
9155	Miaoli	0000-0000	12500	Miaoli	2135-1700	15610	Miaoli	2200-1600
9180	Miaoli	2145-1630	12550	Miaoli	2100-1700	15730	Miaoli	2144-1530
9200	Miaoli	2100-1530	12775	Miaoli	2130-1400	15740	Miaoli	2144-1530
9215	Miaoli	24 hours	12795	Miaoli	2130-1600	15760	Miaoli	2130-1500
9230	Miaoli	2100-1610	12820	Miaoli	2130-1600	15775	Miaoli	2130-1600
9255	Miaoli	2130-1600	12835	Miaoli	2230-1300	15800	Miaoli	0000-1600
9280	Miaoli	2100-1630	12865	Miaoli	2130-1600	15820	Miaoli	2200-1400
9300	Miaoli	2130-1630	12870	Miaoli	2130-1600	15840	Miaoli	2200-1400
9320	Pingtung	2357-1646	12880	Miaoli	2130-1700	15870	Miaoli	2100-1706
9340	Miaoli	2100-1600	12920	Pingtung	2152-1700	15890	Miaoli	0010-1210
9530	Miaoli	2200-1500	12950	Miaoli	2130-1450	15920	Miaoli	2100-1400
9635	Miaoli	2140-1604	13020	Miaoli	2110-1700	15940	Miaoli	2200-1400
9730	Pingtung	2105-1705	13070	Miaoli	2208-1656	15970	Miaoli	2110-1630
9850	Miaoli	2130-1700	13160	Miaoli	2200-1700	16100	Miaoli	2115-1420
9910	Miaoli	2200-1600	13470	Miaoli	2130-1430	16160	Miaoli	2130-1430
9920	Miaoli	2115-1700	13495	Miaoli	2200-1700	16250	Miaoli	2150-1700
9970	Miaoli	2147-1702	13530	Miaoli	2110-1550	16300	Pingtung	2204-1602
9985	Miaoli	0100-1300	13550	Miaoli	2100-1600	16600	Miaoli	2200-1430
10160	Miaoli	2110-1700	13590	Miaoli	2200-1700	16680	Miaoli	2100-1500
10820	Miaoli	2140-1700	13630	Miaoli	2110-1000	16790	Miaoli	2110-1500
10870	Miaoli	2103-1705	13640	Miaoli	2300-1500	16980	Miaoli	2130-1530
10920	Miaoli	2125-1745	13670	Miaoli	2100-1500	17150	Miaoli	2110-1500
10940	Miaoli	2200-2600	13680	Miaoli	2200-1300	17170	Miaoli	2330-1405
10960	Pingtung	2130-1705	13730	Miaoli	2130-1430	17200	Miaoli	2200-1350
11070	Miaoli	2210-1710	13775	Miaoli	2130-1420	17400	Miaoli	2155-1420
11100	Miaoli	2200-1610	13790	Miaoli	2130-1420	17440	Pingtung	2128-1300
11120	Miaoli	2150-1700	13805	Miaoli	2130-1500	17760	Miaoli	2250-1130
11150	Miaoli	2230-1200	13840	Miaoli	2120-1400	17780	Miaoli	2300-1300
11170	Miaoli	2110-1700	13870	Miaoli	2130-1500	18180	Miaoli	2300-1130
11300	Miaoli	2110-1700	13890	Miaoli	2200-1700	18200	Miaoli	2300-1300
11410	Miaoli	2120-1715	13920	Miaoli	2213-1420	18900	Miaoli	2200-1000
11440	Miaoli	2041-1700	13960	Miaoli	2130-1500	18970	Miaoli	2200-1000
11460	Miaoli	2100-1700	13980	Miaoli	2300-1500	21490	Miaoli	2300-1300
11500	Miaoli	2030-1700	14370	Miaoli	2300-1500	21530	Miaoli	2300-1300
11520	Miaoli	2100-1710	14430	Pingtung	2110-1700	21800	Miaoli	2300-1300
11535	Miaoli	2000-1600	14500	Miaoli	2200-1600			<i>some frequencies may be offset</i>

## Identifying Sound of Hope (Taiwan) vs CNR-1 jamming



Sound of Hope (SOH) is quite often jammed by a transmission of China National Radio's CNR-1 service from Mainland China. **Ron Howard** offered some tips on how to identify SOH in a post to the WOR iog on 17 May 2021.

For me, it has always been fun trying to tie down if a station heard is really a Sound of Hope reception or just the CNR-1 program jamming. Here are a few suggestions, based on my years of observations:

- 1) One positive way is to listen at the top-of-the-hour. **CNR-1 programming always has time pips, while SOH never has any.**
- 2) Find a known CNR-1 frequency, that is to say a non-jamming frequency (I use 6125 kHz.), then check to find if it is // to the station in question.
- 3) SOH is a religious station, so has a more refined format. At ToH usually has news and then a lot of monologues. Rather rare to hear music. While the CNR-1 format is fairly contemporary; many short segments; often with music; in general has a much more upbeat format than SOH.
- 4) After many years of listening to SOH, I find their audio slightly muffled; not a lot, just enough to be noticeable, especially when compared to the crisp audio of CNR-1.
- 5) It is not uncommon for SOH to be slightly off-frequency; while CNR-1 is on the exact frequency (xx.00).
- 6) Finally, if the station in question has fair to good reception, it almost certainly is CNR-1 jamming. SOH stations use rather low power, hence fair-good reception would be extremely rare.
- 7) If you are fortunate enough to actually hear SOH, their top-of-the-hour ID is "**Xiwang zhi sheng guoji guangbo diantai**" (Sound of Hope international broadcast station), given twice (once by OM and once by YL), then into the news. My audio of a typical ToH SOH ID format is posted at <http://bit.ly/3l6V2kn>.

Ron Howard, 17 May 2021, World of Radio iog.

## India

### Akashvani

Akashvani, formerly known as All India Radio, is the radio broadcaster of India and a division of Prasar Bharati (Broadcasting Corporation of India), an autonomous corporation of the Ministry of Information and Broadcasting. As of May 2023, the use of the name "Akashvani" is progressively replacing "All India Radio", as instructed by the Director General of the corporation.

### Regional Stations on shortwave

Regional stations broadcast in Hindi, English and the principal languages of the respective states and Union Territories. As well as programmes originating from regional studios, they also relay news broadcasts and Network programmes from Delhi. After further closures on 31 December 2021, the last remaining regional station on shortwave is Leh.

### Akashvani Leh (Ladakh region)

Ladakh is a region administered by India as a union territory, and constitutes a part of the larger Kashmir region, which has been the subject of dispute between India, Pakistan, and China since 1947. It was established on 31 October 2019, following the passage of the Jammu and Kashmir Reorganisation Act. Ladakh is bordered by the Tibet Autonomous Region to the east, the Indian state of Himachal Pradesh to the south, both the Indian-administered union territory of Jammu and Kashmir and the Pakistan-administered Gilgit-Baltistan to the west, and the southwest corner of Xinjiang across the Karakoram Pass in the far north. It extends from the Siachen Glacier in the Karakoram range to the north to the main Great Himalayas to the south. The eastern end, consisting of the uninhabited Aksai Chin plains, is claimed by the Indian Government as part of Ladakh, and has been under Chinese control since 1962.

**Transmitter Site:** Leh, Ladakh (Regional Zone: North) - reportedly 2.5 kW

**Languages:** Ladakhi, Hindi, English, Balti, Tibetan, Urdu

<b>Time/UTC</b>	<b>Days</b>	<b>kHz</b>
0155(0210su)-0430	Daily	4760
0630-0930	Daily	6000
1130-1630(1700su)	Daily	4760

## International broadcasting on shortwave

### Akashvani (formerly known as All India Radio) External Services

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Target area</i>	<i>notes</i>
0100-0130	Daily	Sindhi	7215	Bengaluru	500	Pakistan	
0100-0230	Daily	Tibetan	11735	Delhi-Kingsway	100	Tibet	Jammed by CNR-1 China
0130-0230	Daily	Indonesian	15260	Bengaluru	500	Indonesia	
0145-0230	Daily	Nepali	15410	Bengaluru	500	Nepal	
0230-0245	Daily	Hindi	15410	Bengaluru	500	Nepal	Home News
0245-0300	Daily	English	15410	Bengaluru	500	Nepal	Home News
0300-0315	Daily	Nepali	15410	Bengaluru	500	Nepal	
0300-0430	Daily	Baluchi	11805	Delhi-Kingsway	100	Pakistan	
0315-0415	Daily	Burmese	15410	Bengaluru	500	Myanmar	
0400-0530	Daily	Persian	15280	Bengaluru	500	Iran	
0430-0600	Daily	Dari	9795	Delhi-Kingsway	100	Afghanistan	
			15410	Bengaluru	500		
0430-0600	Daily	Pashto	11805	Delhi-Kingsway	100	Afghanistan	
			15185	Bengaluru	500	Afghanistan	
0530-0630	Daily	Arabic	15280	Bengaluru	500	Middle East	
0900-1030	Daily	Nepali	9795	Delhi-Kingsway	100	Nepal	
			11810	Delhi-Kingsway	100	Nepal	
			15400	Bengaluru	500	Nepal	
1030-1200	Daily	Chinese	15400	Bengaluru	500	China	
1045-1215	Daily	Tibetan	9765	Delhi-Kingsway	100	Tibet	Jammed by CNR-1 China
			11865	Delhi-Kingsway	100	Tibet	Jammed by CNR-1 China
1215-1315	Daily	Swahili	15410	Bengaluru	500	East Africa	
1230-1330	Daily	Baluchi	9875	Delhi-Kingsway	100	Pakistan	
1230-1400	Daily	Pashto	11810	Bengaluru	500	Afghanistan	
1330-1500	Daily	Dari	9875	Bengaluru	500	Afghanistan	
1600-1730	Daily	Persian	9620	Bengaluru	500	Iran	
1730-1930	Daily	Arabic	9620	Bengaluru	500	Middle East	
1930-2030	Daily	French	9620	Bengaluru	500	Western Europe	
2345-0115	Daily	Chinese	15280	Bengaluru	500	China	

Home Service and other language programmes may be heard for a few minutes as a warm up prior to the start of some of the External Service broadcasts.

## Indonesia

### RRI Nabire, Pro 1

Nabire is a town in the Indonesian province of Central Papua, at the western end of New Guinea, with RRI Nabire being the provincial radio station. Having been inactive since early 2019, RRI Nabire was heard again by Hiroyuki Komatsubara in Japan on 26 September 2022 and then confirmed by Ron Howard in California. The schedule listed below is that previously published in the DSWCI Domestic Broadcasting Survey, but is subject to confirmation.

<i>Time/UTC</i>	<i>Days</i>	<i>kHz</i>
2200-2300 and 0500-0830v	irregular	7289.9v

### Voice of Indonesia

The Voice of Indonesia is the External Service of Radio Republik Indonesia. It currently broadcasts in the 90 and 60 metre shortwave bands primarily for listeners in Asia.

<i>Time/UTC</i>	<i>Days</i>	<i>kHz</i>	<i>Location</i>	<i>kW</i>
1000-2200	Daily	3325	Palangkaraya	50
		4750	Jakarta-Cimanggis	10

**Important note: Voice of Indonesia will change frequency from 4750 to 4755 kHz from Monday 13 May 2024**

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>
1000-1100	Daily	English
1100-1200	Daily	Chinese
1200-1300	Daily	Japanese
1300-1400	Daily	English
1400-1500	Daily	Indonesian
1500-1600	Daily	Chinese
1600-1700	Daily	Arabic
1700-1800	Daily	Spanish
1800-1900	Daily	German
1900-2000	Daily	Dutch
2000-2100	Daily	French
2100-2200	Daily	English
2200-2230	Daily	Japanese



### Voice of Indonesia on WRMI

WRMI began relays of the Voice of Indonesia English-language service in December 2022. Programming is described as "Channel Two" and may have content that is not heard on 3325/4750 kHz.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Target area</i>
0800-0900	Sat-Thu	English	7780	Okeechobee FL, USA	100	North America

## Japan

### Radio Nikkei

Radio Nikkei is Japan's nationwide free-to-air shortwave commercial radio station. It is operated by Nikkei Radio Broadcasting Corporation, whose main share is held by Nihon Keizai Shimbun and Tokyo Stock Exchange. The language is almost exclusively in Japanese except for an English language learning programme. The station features the following four genres as the core of its programming: finance, JRA horse racing (weekends), health-medical, and culture.

**Radio Nikkei 1** is for general programmes and eastern Japan horse-racing coverage.

**Radio Nikkei 2** is for live company stock price announcements and western Japan horse-racing coverage. Radio Nikkei 2's programming on weekdays is named RN2 with music programmes aimed at persons in their 30s and 40s

#### Radio Nikkei 1

<i>Time/UTC</i>	<i>Days</i>	<i>kHz</i>	<i>Location</i>	<i>kW</i>
2220-2300	Mon-Fri	3925	Nemuro	50
2220-2300	Tue-Sat	6055	Nagara	50
2300-1055	Daily	6055	Nagara	50
0750-1430	Mon-Fri	3925	Nemuro	50
1055-1200	Sun-Fri	6055	Nagara	50
1200-1430	Mon-Fri	6055	Nagara	50
1430-1500	Mon-Thu	3925	Nemuro	50
		6055	Nagara	50
1500-1520	Last Wed	3925	Nemuro	50
		6055	Nagara	50

#### Radio Nikkei 2

<i>Time/UTC</i>	<i>Days</i>	<i>kHz</i>	<i>Location</i>	<i>kW</i>
2330-0000	Mon-Fri	6115	Nagara	50
0000-0800	Daily	6115	Nagara	50
0800-1000	Mon-Fri	6115	Nagara	50
0950-1101	Mon-Fri	3945	Nagara	50



### International broadcasting on shortwave

### Yamata Transmitting Station

The KDDI Corporation, a Japanese telecommunications operator, owns and operates the Yamata transmitting station in Ibaraki Prefecture. NHK World and Shiokaze are the two stations that currently broadcast on shortwave from Yamata.

### NHK World-Japan

NHK World-Japan is the international service of Japan's public media organisation NHK. It provides the latest information on Japan and Asia through television, radio and online to a global audience.

#### Japanese Service

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Target area</i>
0200-0300	Daily	Japanese	6105	Issoudun, France	250	Central America
			15195	Yamata, Japan	300	Asian Continent
			17525	Yamata, Japan	300	Far East Russia
			17810	Yamata, Japan	300	South-East Asia
0300-0400	Daily	Japanese	6105	Issoudun, France	250	Central America
			9440	Issoudun, France	250	Middle East & North Africa
			15195	Yamata, Japan	300	Asian Continent
			17810	Yamata, Japan	300	South-East Asia
0400-0500	Daily	Japanese	9440	Issoudun, France	250	Middle East & North Africa
			15195	Yamata, Japan	300	Asian Continent
			17810	Yamata, Japan	300	South-East Asia
0700-0800	Daily	Japanese	11825	Yamata, Japan	300	Asian Continent
			13860	Yamata, Japan	300	South America
			15280	Yamata, Japan	300	South-East Asia
			15290	Issoudun, France	250	West Africa
0800-0900	Daily	Japanese	9750	Yamata, Japan	300	Asian Continent
			13860	Yamata, Japan	300	South America
			15280	Yamata, Japan	300	South-East Asia
			15290	Issoudun, France	250	West Africa
0900-1000	Daily	Japanese	9750	Yamata, Japan	300	Asian Continent
			15280	Yamata, Japan	300	South-East Asia
			15290	Issoudun, France	250	West Africa



1000-1400	Daily	Japanese	9750	Yamata, Japan	300	Asian Continent
			11815	Yamata, Japan	300	South-East Asia
1500-1600	Daily	Japanese	11815	Yamata, Japan	300	South-East Asia
1600-1620	Daily	Russian	13650	Dhabbaya, UAE	250	Eastern Europe (WRN stream)
1600-1700	Daily	Japanese	9650	Yamata, Japan	300	South-East Asia
1700-1900	Daily	Japanese	7375	Yamata, Japan	300	Asian Continent
			11800	Yamata, Japan	300	South-West Asia
			15115	Issoudun, France	250	Middle East & North Africa
			17680	Issoudun, France	250	Southern Africa
1900-2000	Daily	Japanese	11625	Yamata, Japan	300	Middle East & North Africa
			13780	Issoudun, France	250	Central Africa
2000-2100	Daily	Japanese	9480	Yamata, Japan	300	Oceania
			11625	Yamata, Japan	300	Middle East & North Africa
			13780	Issoudun, France	250	Central Africa
2100-2300	Daily	Japanese	11910	Yamata, Japan	300	Asian Continent
			11965	Yamata, Japan	300	South-East Asia
2300-0000	Daily	Japanese	11910	Yamata, Japan	300	Asian Continent

### Foreign Language Services

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Target area</i>
0000-0020	Daily	Indonesian	13600	Yamata, Japan	300	South-East Asia
0030-0050	Tue-Sat	Burmese	13600	Yamata, Japan	300	South-East Asia
0030-0100	Sun/Mon	Burmese	13600	Yamata, Japan	300	South-East Asia
0330-0350	Daily	Russian	17560	Yamata, Japan	300	Far East Russia
0400-0430	Daily	Chinese	11825	Yamata, Japan	300	Asian Continent
0430-0450	Daily	Russian	6165	Nauen, Germany	125	Europe
0500-0525	Mon-Fri	English	13710	Issoudun, France	250	Southern Africa
0500-0530	Sat/Sun	English	13710	Issoudun, France	250	Southern Africa
0500-0530	Daily	Korean	11870	Yamata, Japan	300	Asian Continent
0530-0550	Daily	French	11730	Issoudun, France	250	West Africa
			13600	Issoudun, France	250	Central Africa
0530-0550	Daily	Russian	17530	Yamata, Japan	300	Far East Russia
0600-0620	Daily	Arabic	17660	Issoudun, France	250	North Africa, Middle East
1100-1130	Daily	Korean	9690	Yamata, Japan	300	Asian Continent
1100-1130	Tue/Wed	English	15770	WRMI Okeechobee FL	100	Europe/North America (WRN stream)
1130-1200	Daily	Chinese	9690	Yamata, Japan	300	Asian Continent
1200-1230	Daily	Korean	9690	Yamata, Japan	300	Asian Continent
1230-1300	Daily	Chinese	6190	Yamata, Japan	300	Asian Continent
1300-1330	Daily	Korean	6190	Yamata, Japan	300	Asian Continent
1330-1400	Daily	Chinese	6190	Yamata, Japan	300	Asian Continent
1400-1425	Mon-Fri	English	11815	Yamata, Japan	300	South-East Asia
1400-1430	Sat/Sun	English	11815	Yamata, Japan	300	South-East Asia
1400-1430	Daily	Korean	6190	Yamata, Japan	300	Asian Continent
1430-1450	Mon-Fri	Burmese	11815	Yamata, Japan	300	South-East Asia
1430-1450	Daily	Persian	13650	Issoudun, France	500	Middle East
1430-1500	Daily	Chinese	6190	Yamata, Japan	300	Asian Continent
1430-1500	Sat/Sun	Burmese	11815	Yamata, Japan	300	South-East Asia
1500-1520	Daily	Bengali	11655	Yamata, Japan	300	South Asia
1530-1550	Daily	Hindi	11655	Yamata, Japan	300	South Asia
1600-1620	Daily	Urdu	9440	Yamata, Japan	300	South Asia
2030-2050	Daily	French	7425	Issoudun, France	500	West Africa
2209-2230	Daily	Korean	9560	Yamata, Japan	300	Asian Continent
2230-2250	Daily	Chinese	9560	Yamata, Japan	300	Asian Continent
2300-2320	Daily	Thai	13650	Yamata, Japan	300	South-East Asia
2330-2340	Mon-Fri	Vietnamese	13650	Yamata, Japan	300	South-East Asia
2330-2351	Sat/Sun	Vietnamese	13650	Yamata, Japan	300	South-East Asia



## JSR Shiokaze

JSR Shiokaze programmes concentrate on the abduction issue of Japanese citizens by North Korea and include information on Japanese policy on North Korea and the abduction issue, messages from relatives and friends of the abductees, and familiar Japanese songs. Since mid-May 2022, North Korea has stopped jamming these broadcasts.

### **Schedule effective 31 March 2024**

<b>Time/UTC</b>	<b>Days</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1300-1400	Daily	6040	Yamata, Japan	300
		6070	Yamata, Japan	300
1405-1435	Daily	5935	Yamata, Japan	300
		7295	Yamata, Japan	300
1600-1700	Daily	5920	Yamata, Japan	300
		7325	Yamata, Japan	300
1705-1805	Daily	5955	Yamata, Japan	300
		6090	Yamata, Japan	300



*Please see the entry for North Korea (target broadcasts) for the Shiokaze language schedule.*

### **Why Yamata transmitters can not broadcast the program of "Furusato no Kaze"**

Ron Howard made a very useful comment on the WOR iog on 10 June 2021: "It might be worthwhile to be reminded of a past posting by Glenn, with info from online":

Currently 3 programs "Shiokaze", "Furusato no Kaze" and "Nippon no Kaze" are broadcast towards North Korea from VT Communications, and only "Shiokaze" is transmitted from Yamata. Why can't the Yamata transmitter send the message of "Furusato no Kaze" towards North Korea?

Japanese law on broadcasting says only NHK can broadcast "international service". And government controlled the license of broadcasting – it is quite difficult to get the permission (license) of broadcasting promptly.

At the opening announcement of Shiokaze, they announce call sign as JSR. Exactly speaking, JSR is not call sign for "general" radio stations. Shiokaze got a license for a "special utility broadcast" - the same as Traffic Information Service Radio on 1620 kHz - not for "general broadcast". [So Shiokaze is not really a "clandestine" station - Ron]

In the case of "Furusato no Kaze", they get neither the license of "utility broadcast" nor "general broadcast". And NHK reject the proposal of Japanese government to broadcast "Furusato no Kaze" within the program of Radio Japan. Thus Yamata transmitter can not send message of "Furusato no Kaze." [nor can they broadcast "Nippon no Kaze" - Ron]

(note by Tony Rogers: checking DXLD, the original credit appears to be: via Roger Thauer-D, A-DX news group 30 March 2019 via BC-DX 31 March 2019 via DXLD)

## **Korea (North)**

### **Radio and Television Broadcasting Committee of the Democratic People's Republic of Korea**

The Radio and Television Broadcasting Committee of the Democratic People's Republic of Korea is the state-owned broadcaster of North Korea. The committee is under the Cabinet of North Korea, but its personnel is chosen and appointed by the Propaganda and Agitation Department (PAD) of the Workers' Party of Korea.

All three major television stations and 200 radio stations are controlled by the committee. The exceptions are Pyongyang FM Broadcasting Station, Pyongyang Broadcasting Station, and the Voice of National Salvation, which are under the United Front Department of the Workers' Party of Korea instead. The committee also controls the Korean Central News Agency.

### **Korean Central Broadcasting Station**

The Korean Central Broadcasting Station (KCBS) is the main domestic radio network in the DPRK. It sits under the Central Broadcasting Committee of the DPRK. KCBS broadcasts from 5am to 3am local time via a network of mediumwave and shortwave transmitters that cover the nation. The powerful transmissions can easily be heard in neighbouring countries, including South Korea where some of its frequencies are jammed. It is also relayed at certain times via the Voice of Korea, the DPRK's international shortwave service. A central programme is broadcast from Pyongyang on most transmitters through the entire broadcast day, but some are reported to carry regional programming between 2pm and 3pm. All programming is in Korean and includes music, talk and news. (description as per Martyn Williams, northkoreatech.org, 3 November 2010, although still appears valid despite the age)

**Schedule:** 2000-1800 UTC, daily, in Korean.

#### **KCBS AM broadcasts**

<b>kHz</b>	<b>Location</b>	<b>kW</b>
2350	Sariwon	5
3250	Pyongyang	100
3920	Hysean	5
3959	Kanggye	5
6100	Kanggye	250
11680	Kanggye	50

#### **KCBS DRM broadcasts**

<b>kHz</b>	<b>Location</b>	<b>kW</b>
3205	Pyongyang	100
6140	Pyongyang	100



**International broadcasting on shortwave**

**Voice of Korea**

Voice of Korea is the international broadcasting service of North Korea. Most of the broadcasts are transmitted from the shortwave transmitter site, approx. 25 km from Kujang. North Korea does not make any registrations with the HFCC so the Voice of Korea shortwave schedule below has been compiled with reference to various sources and is valid for Summer 2024.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Site</b>	<b>kW</b>	<b>Target area</b>
0300-0400	Daily	Chinese	13650	Kujang	200	South-East Asia
			15105	Kujang	200	South-East Asia
0300-0400	Daily	Spanish	11735	Kujang	200	Central & South America
			13760	Kujang	200	Central & South America
			15180	Kujang	200	Central & South America
0400-0500	Daily	English	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
			9730	Kujang	200	East Asia
			11735	Kujang	200	Central & South America
			13760	Kujang	200	Central & South America
			15180	Kujang	200	Central & South America
0400-0500	Daily	French	13650	Kujang	200	South-East Asia
			15105	Kujang	200	South-East Asia
0500-0600	Daily	Chinese	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
			9730	Kujang	200	East Asia
0500-0600	Daily	English	13650	Kujang	200	South-East Asia
			15105	Kujang	200	South-East Asia
0500-0600	Daily	Spanish	11735	Kujang	200	Central & South America
			13760	Kujang	200	Central & South America
			15180	Kujang	200	Central & South America
0600-0700	Daily	Chinese	13650	Kujang	200	South-East Asia
			15105	Kujang	200	South-East Asia
0600-0700	Daily	English	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
			9730	Kujang	200	East Asia
0600-0700	Daily	French	11735	Kujang	200	Central & South America
			13760	Kujang	200	Central & South America
			15180	Kujang	200	Central & South America
0700-0850	Daily	Japanese	9650	Kujang	200	East Asia
			11865	Kujang	200	East Asia
0700-0900	Daily	Russian	9875	Kujang	200	Eastern Russia
			11735	Kujang	200	Eastern Russia
			13760	Kujang	200	Western Russia
			15245	Kujang	200	Western Russia
0800-0900	Daily	Chinese	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
0900-0950	Daily	Korean (KCBS)	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
0900-1250	Daily	Japanese	6070	Kanggye	250	East Asia
			9650	Kujang	200	East Asia
			11865	Kujang	200	East Asia
1000-1100	Daily	English	11710	Kujang	200	Central & South America
			11735	Kujang	200	South-East Asia
			13650	Kujang	200	South-East Asia
			15180	Kujang	200	Central & South America
1100-1200	Daily	Chinese	7220	Kujang	200	East Asia
			9445	Kujang	200	East Asia
1100-1200	Daily	French	11710	Kujang	200	Central & South America
			11735	Kujang	200	South-East Asia
			13650	Kujang	200	South-East Asia
			15180	Kujang	200	Central & South America
1200-1250	Daily	Korean (KCBS)	11710	Kujang	200	Central & South America
			11735	Kujang	200	South-East Asia
			13650	Kujang	200	South-East Asia
			15180	Kujang	200	Central & South America
1300-1400	Daily	English	9435	Kujang	200	North America
			11710	Kujang	200	North America
			13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe

1300-1400	Daily	Chinese	11735	Kujang	200	South-East Asia
			13650	Kujang	200	South-East Asia
1400-1450	Daily	Korean (KCBS)	11735	Kujang	200	South-East Asia
			13650	Kujang	200	South-East Asia
1400-1500	Daily	French	9435	Kujang	200	North America
			11710	Kujang	200	North America
			13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
1400-1600	Daily	Russian	9425	Kujang	200	Western Russia
			12015	Kujang	200	Western Russia
1500-1600	Daily	Arabic	9890	Kujang	200	Middle East
			11645	Kujang	200	Middle East
1500-1600	Daily	English	9435	Kujang	200	North America
			11710	Kujang	200	North America
			13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
1600-1700	Daily	English	9890	Kujang	200	Middle East
			11645	Kujang	200	Middle East
1600-1700	Daily	French	9435	Kujang	200	North America
			11710	Kujang	200	North America
			13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
1600-1700	Daily	German	9425	Kujang	200	Western Europe
			12015	Kujang	200	Western Europe
1700-1750	Daily	Korean (KCBS)	9435	Kujang	200	North America
			11710	Kujang	200	North America
			13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
1700-1800	Daily	Arabic	9890	Kujang	200	Middle East
			11645	Kujang	200	Middle East
1700-1800	Daily	Russian	9425	Kujang	200	Western Russia
			12015	Kujang	200	Western Russia
1800-1900	Daily	English	13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
1800-1900	Daily	French	7210	Kujang	200	Central Africa
			9875	Kujang	200	Middle East
			11635	Kujang	200	Middle East
			11910	Kujang	200	Central Africa
1800-1900	Daily	German	9425	Kujang	200	Western Europe
			12015	Kujang	200	Western Europe
1900-2000	Daily	English	7210	Kujang	200	Central Africa
			9875	Kujang	200	Middle East
			11635	Kujang	200	Middle East
			11910	Kujang	200	Central Africa
1900-2000	Daily	German	9425	Kujang	200	Western Europe
			12015	Kujang	200	Western Europe
1900-2000	Daily	Spanish	13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
2000-2050	Daily	Korean (KCBS)	7210	Kujang	200	Central Africa
			9425	Kujang	200	Western Europe
			9875	Kujang	200	Middle East
			11635	Kujang	200	Middle East
			11910	Kujang	200	Central Africa
			12015	Kujang	200	Western Europe
2000-2100	Daily	French	13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
2100-2200	Daily	English	13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
2100-2300	Daily	Chinese	7235	Kujang	200	North-East Asia
			9445	Kujang	200	North-East Asia
			9875	Kujang	200	East Asia
			11635	Kujang	200	East Asia
2100-2350	Daily	Japanese	9650	Kujang	200	East Asia
			11865	Kujang	200	East Asia
2200-2300	Daily	Spanish	13760	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe
2300-2350	Daily	Korean (KCBS)	7235	Kujang	200	North-East Asia
			9445	Kujang	200	North-East Asia

2300-2350	Daily	Korean (KCBS)	9875	Kujang	200	East Asia
continued			11635	Kujang	200	East Asia
			12015	Kujang	200	Western Europe
			15245	Kujang	200	Western Europe

## Target broadcasts to North Korea

### Target broadcasts on shortwave from South Korea to North Korea

#### Echo of Hope

Echo of Hope is operated by South Korea's National Intelligence Service and broadcasts news and information to NK.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0300-0700	Daily	Korean	4885	Seoul, South Korea	10
			6250	Seoul, South Korea	10
			7720	Seoul, South Korea	10
0700-1100	Daily	Korean	3985	Hwaseong, South Korea	100
			5995	Hwaseong, South Korea	100
			6350	Hwaseong, South Korea	100
1100-0300	Daily	Korean	3985	Hwaseong, South Korea	100
			4885	Seoul, South Korea	10
			5995	Hwaseong, South Korea	100
			6250	Seoul, South Korea	10
			6350	Hwaseong, South Korea	100
			7720	Seoul, South Korea	10

**Note:** transmitters may switch to adjacent freqs (+/- 5 kHz) to avoid North Korean jamming.

#### Voice of Freedom

Voice of Freedom is operated by South Korea's Ministry of Defence.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0800-0400	Daily	Korean	5920 (alt 6040)	Hwaseong, South Korea	10

#### Voice of the People

Voice of the People is operated by South Korea's National Intelligence Service and broadcasts to listeners in North Korea.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
24 hours	Daily	Korean	3480	Kyonggi-do Koyang, South Korea	50
			3910	Kyonggi-do Koyang, South Korea	50
			3930	Kyonggi-do Koyang, South Korea	50
			4450	Kyonggi-do Koyang, South Korea	50
			4560	Kyonggi-do Koyang, South Korea	50
			6520	Kyonggi-do Koyang, South Korea	50
			6600	Kyonggi-do Koyang, South Korea	50

**Note:** some frequencies may be off-air at certain times of the day.

### Target broadcasts to North Korea concerning Japanese abductees

#### JSR Shiokaze (Sea Breeze)

Shiokaze (Sea Breeze) broadcasts to North Korea and is operated by the independent investigating organisation "Investigation Commission on Missing Japanese Probably Related to North Korea", regarding persons believed to have been abducted by North Korea prior to 1983. The daily shortwave radio programme broadcast from Tokyo highlights the plight of those who were kidnapped. It is compiled in an office owned by the group which campaigns to keep the issue in the public eye and supports the families of those abducted. JSR Shiokaze radio is broadcast twice a day for 30 minutes. There are editions in Japanese, Korean, English and Chinese, and they include the latest news about the abduction issue, messages to those abducted and appeals for help in finding them.

**Frequencies:** please note that frequencies are rotated every few weeks. Those listed below are the ones in use at the time of editing. Since mid-May 2022, North Korea has stopped jamming Shiokaze broadcasts.

#### **Schedule effective 31 March 2024**

<i>Time/UTC</i>	<i>Days</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1300-1400	Daily	6040	Yamata, Japan	300
		6070	Yamata, Japan	300
1405-1435	Daily	5935	Yamata, Japan	300
		7295	Yamata, Japan	300
1600-1700	Daily	5920	Yamata, Japan	300
		7325	Yamata, Japan	300
1705-1805	Daily	5955	Yamata, Japan	300
		6090	Yamata, Japan	300

### Shiokaze language schedule

1300-1330 and 1600-1630	Mon/Tue/Sat/Sun	in Japanese
1300-1330 and 1600-1630	Thu/Fri	in Korean
1300-1400 and 1600-1700	Wed	in English
1330-1400 and 1630-1700	Mon/Tue	in Japanese
1330-1400 and 1630-1700	Thu-Sun	in Korean

1405-1435 Daily in Japanese. The daily broadcast at 1405-1435 starts and ends with announcements from Shiokaze but the actual programme content is from Furusato no Kaze (see schedule below for other broadcasts from Furusato no Kaze)

1705-1800 broadcast was added on 31 March 2022. The programme has the same composition as 1405, with "Shiokaze" announcements at the beginning and end. The first programme is "Furusato no Kaze" in Japanese produced by the Japanese government, followed by "Nippon no Kaze" in Korean for the latter half.

### Nippon no Kaze / Furusato no Kaze

Nippon no Kaze and Furusato no Kaze (Wind from Japan and Wind from the Homeland) are programmes broadcast in Korean and Japanese to the DPRK. Content includes information on Japanese policy on North Korea and the abduction issue, messages from relatives and friends of the abductees, and familiar Japanese songs.

<b>Time/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1300-1330	Daily	Nippon no Kaze	Korean	9455	Paochung, Taiwan	300
				9940	Paochung, Taiwan	300
				15475	Tashkent, Uzbekistan	100
1330-1400	Daily	Furusato no Kaze	Japanese	9455	Paochung, Taiwan	300
				9705	Paochung, Taiwan	300
				15475	Tashkent, Uzbekistan	100
1430-1500	Daily	Furusato no Kaze	Japanese	9685	Paochung, Taiwan	300
				9705	Paochung, Taiwan	300
				15475	Tashkent, Uzbekistan	100
1500-1530	Daily	Nippon no Kaze	Korean	6110	Tamsui, Taiwan	300
				9685	Paochung, Taiwan	300
1530-1600	Daily	Nippon no Kaze	Korean	6110	Tamsui, Taiwan	300
				9685	Paochung, Taiwan	300
1600-1630	Daily	Furusato no Kaze	Japanese	6110	Tamsui, Taiwan	300
				9470	Paochung, Taiwan	300
1630-1700	Daily	Nippon no Kaze	Korean	6110	Tamsui, Taiwan	300
1700-1730	Daily	Furusato no Kaze	Japanese	6110	Tamsui, Taiwan	300
1730-1800	Daily	Nippon no Kaze	Korean	9720	Tashkent, Uzbekistan	100
1800-1830	Daily	Furusato no Kaze	Japanese	9720	Tashkent, Uzbekistan	100

### International broadcasts in Korean

Several stations have broadcasts in Korean, with BBC Korean and Radio Free Asia specifically targetting North Korea. Voice of America's broadcasts on Korean are also listed below as they are part of the USAGM family along with Radio Free Asia.

### BBC Korean

Since 3 April 2023, the BBC's daily Korean service has come from a studio in Seoul for listeners in North Korea.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1230-1300	Mon-Fri	Korean	5875	Tinian, Northern Marianas	250
			7530	Tinang, Philippines	250
1530-1600	Mon-Fri	Korean	7355	Tinang, Philippines	250
			9390	Dushanbe, Tajikistan	250
1630-1700	Mon-Fri	Korean	7355	Tinang, Philippines	250
			9390	Dushanbe, Tajikistan	250
1730-1800	Mon-Fri	Korean	7355	Tinang, Philippines	250
			9390	Dushanbe, Tajikistan	250

### USAGM - Voice of America and Radio Free Asia

Voice of America (VOA) is an American international broadcaster funded by the United States Congress. Radio Free Asia operates under a US Congressional mandate to deliver uncensored, domestic news and information to several countries in Asia with poor media environments and few, if any, free speech protections. This includes North Korea.

<b>UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1200-1300	Daily	VOA	Korean	9350	Tinang, Philippines	250
				9490	Saipan, Northern Marianas	100
				12080	Tinang, Philippines	250
1200-1400	Daily	RFA	Korean	9900	Paochung, Taiwan	300
1300-1400	Daily	VOA	Korean	9350	Tinang, Philippines	250
				12045	Udon Thani, Thailand	250
				12080	Tinang, Philippines	250

1400-1500	Daily	VOA	Korean	9405	Saipan, Northern Marianas	100
				12045	Udon Thani, Thailand	250
				12080	Tinang, Philippines	250
1500-1700	Daily	RFA	Korean	9910	Saipan, Northern Marianas	100
				9990	Tinian, Northern Marianas	250
				11985	Saipan, Northern Marianas	100
1700-1900	Daily	RFA	Korean	9990	Saipan, Northern Marianas	100
				11985	Saipan, Northern Marianas	100
1900-2100	Daily	VOA	Korean	5875	Udon Thani, Thailand	250
				7365	Udon Thani, Thailand	250
				7465	Tinang, Philippines	250
2100-2200	Daily	RFA	Korean	9540	Tinian, Northern Marianas	250
				11945	Saipan, Northern Marianas	100
				11985	Tinian, Northern Marianas	250

### **News and information target broadcasts to North Korea**

#### **National Unity Radio**

National Unity Radio is part of the Unification Media Group (UMG), a news and entertainment production organisation focused on North Korea. UMG produces and broadcasts news, civic education and cultural programmes.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1100-1400	Daily	Korean	7340	Tamsui, Taiwan	300

#### **North Korea Reform Radio**

Since 2007, NKRR has broadcast to DPRK. The primary target audience is North Korea's elite population (military officers, intellectuals, university students) in order to educate the future leaders of North Korea and help them access external information, so that they can lead the internal reform themselves while promoting ideals of democracy and freedom.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1400-1500	Daily	Korean	7590	Tashkent, Uzbekistan	100
2000-2100	Daily	Korean	7590	Tashkent, Uzbekistan	100

#### **Free North Korea Radio**

Free North Korea Radio is an independent radio broadcaster based in Seoul, South Korea. The station is run primarily by North Korean refugees and defectors and broadcasts news and information to the general population inside North Korea. The radio was established by Kim Seong-min, a former North Korean military monitor for foreign broadcasts, who was influenced by the foreign broadcasts that he monitored and defected from North Korea in 1996.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1300-1400	Daily	Korean	11510	Tashkent, Uzbekistan	100
2000-2100	Daily	Korean	7610	Tashkent, Uzbekistan	100

### **Christian target broadcasts to North Korea**

#### **Living Water Ministry Broadcasting**

Living Waters Gospel Broadcasts is involved in a variety of activities "to spread the good news to the unreached through TV gospel transmission, Radio gospel broadcasts and Emmaus Bible Study literature".

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1500-1600	Mon-Sat	Korean	9900	KTWR, Agana, Guam	250

#### **Voice of the Martyrs**

The Voice of the Martyrs is a non-profit, interdenominational Christian organization founded in 1967 by Pastor Richard Wurmbrand, who was imprisoned for 14 years in Communist Romania for his faith in Christ. VOM is dedicated to serving persecuted Christians worldwide through practical and spiritual assistance and leading other members of the body of Christ into fellowship with them. The VOM website states "We've recently been updating the way in which we broadcast into NK. We learned that TV news broadcasting in NK has more of the sound of our old style broadcast but radio broadcasting in NK is using warmer personal voices these days. Our broadcast is pioneering the use of a combined NK/SK announcing corps, with NKs and SKs interacting about the Bible and the Christian faith in friendly voices".

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>notes</i>
0930-1000	Fri-Mon	Korean	9580	Kununurra, Australia	100	forms part of A24 Reach Beyond schedule
1200-1230	Daily	Korean	15540	Tashkent, Uzbekistan	100	
1330-1400	Daily	Korean	9930	Tashkent, Uzbekistan	100	
1530-1600	Daily	Korean	7530	Tashkent, Uzbekistan	100	
2100-2130	Daily	Korean	7540	Tashkent, Uzbekistan	100	

#### **Voice of the Revival of Korea**

Religious broadcast to North Korea produced by the Revival Broadcasting System.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1400-1430	Tue/Fri	Korean	9645	Paochung, Taiwan	300



## Voice of Wilderness

Voice of Wilderness is a programme produced by Cornerstone Ministries International. This ministry is organised to support the persecuted church in any nation restricting the propagation of the Gospel.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1400-1530	Daily	Korean	9330	Tashkent, Uzbekistan	100

## **Korea (South)**

### Korean Broadcasting System

Korean Broadcasting System (KBS) is the national broadcaster of South Korea. Founded in 1927, it is one of the leading South Korean television and radio broadcasters. KBS operates seven radio networks, ten television channels, and dozen online services. KBS operates the KBS World international broadcasting service, which provides comprehensive TV, radio, and online services among twelve different languages.

### KBS Global Korean Network

The Global Korean Network is a service of KBS for ethnic Koreans living outside of South Korea. It currently operates two programmes which can also be heard on shortwave.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Programme</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Target area</b>
0300-0400	Daily	Korean	2nd Global Korean Network	11810	Kimje, S Korea	250	South America
0350-0000	Daily	Korean	1st Global Korean Network	6015	Hwaeseong, S Korea	100	East Asia

### KBS World Radio

KBS World Radio is the official international broadcasting station of the Korean Broadcasting System.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Target area</b>
0000-0100	Daily	Korean	11810	Kimje, South Korea	250	East Asia
0100-0200	Daily	Spanish	11880	Greenville NC, USA	250	South America
0100-0300	Daily	Japanese	11810	Kimje, South Korea	250	East Asia
0200-0300	Daily	Spanish	15575	Kimje, South Korea	250	North America
0200-0300	Tue-Sat	English	5800	WRMI Okeechobee FL, USA	100	Latin America (WRN stream)
0700-0800	Daily	Korean	13610	Woofferton, UK	250	Western Europe
0800-1000	Daily	Japanese	6155	Kimje, South Korea	100	East Asia
0800-0900	Daily	Korean	9570	Kimje, South Korea	100	South-East Asia
0800-1030	Daily	English	9770	Kimje, South Korea	100	South-East Asia
0900-1000	Daily	Korean	9570	Kimje, South Korea	100	South-East Asia
			15160	Kimje, South Korea	250	Middle East
1000-1100	Daily	English	9570	Kimje, South Korea	250	South America
1030-1100	Daily	Vietnamese	9770	Kimje, South Korea	250	South-East Asia
1100-1200	Daily	Spanish	11795	Kimje, South Korea	250	South America
1130-1230	Daily	Chinese	6095	Kimje, South Korea	250	Middle East
			9770	Kimje, South Korea	100	South-East Asia
1200-1300	Daily	Indonesian	9570	Kimje, South Korea	100	South-East Asia
1300-1400	Daily	English	9570	Kimje, South Korea	100	South-East Asia
			15575	Kimje, South Korea	250	North America
1300-1400	Daily	Russian	9645	Kimje, South Korea	100	Central Russia
1400-1500	Daily	Indonesian	9570	Kimje, South Korea	100	South-East Asia
1400-1500	Daily	English	9785	Kimje, South Korea	250	South Asia
1400-1500	Daily	Korean	15575	Kimje, South Korea	250	North America
1500-1600	Daily	English	9515	Kimje, South Korea	100	Europe
			9785	Kimje, South Korea	250	South Asia
1530-1600	Daily	Vietnamese	9640	Kimje, South Korea	100	South-East Asia
1600-1700	Daily	Korean	7275	Kimje, South Korea	250	Europe, Middle East, Asia
			9740	Kimje, South Korea	250	Middle East
1600-1700	Daily	English	9515	Kimje, South Korea	100	Europe
			9640	Kimje, South Korea	100	South-East Asia
1700-1800	Daily	Korean	9515	Kimje, South Korea	250	Europe
1700-1800	Daily	Spanish	9740	Kimje, South Korea	250	Europe
1800-1900	Daily	Russian	15265	Woofferton, UK	300	Western Russia
1900-2000	Daily	French	6145	Woofferton, UK	250	Europe
2000-2100	Daily	German	3955	Wofferton, UK	250	Europe
2000-2100	Daily	French	5950	Issoudun, France	250	Africa
2000-2100	Daily	Arabic	6090	Wofferton, UK	250	North Africa
2200-2300	Daily	English	11810	Kimje, South Korea	250	Europe, Middle East, Asia
2300-0000	Daily	Chinese	7215	Kimje, South Korea	100	East Asia



## Target broadcasts on shortwave from South Korea to North Korea

### Voice of Freedom

Voice of Freedom is operated by South Korea's Ministry of Defence.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0800-0400	Daily	Korean	5920 (alt 6040)	Hwaseong, South Korea	10

### Voice of the People

Voice of the People is operated by South Korea's National Intelligence Service and broadcasts to listeners in North Korea.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
24 hours	Daily	Korean	3480	Kyonggi-do Koyang, South Korea	50
			3910	Kyonggi-do Koyang, South Korea	50
			3930	Kyonggi-do Koyang, South Korea	50
			4450	Kyonggi-do Koyang, South Korea	50
			4560	Kyonggi-do Koyang, South Korea	50
			6520	Kyonggi-do Koyang, South Korea	50
			6600	Kyonggi-do Koyang, South Korea	50

**Note:** some frequencies may be off-air at certain times

### Echo of Hope

Echo of Hope is operated by South Korea's National Intelligence Service and broadcasts news and information to NK.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0300-0700	Daily	Korean	4885	Seoul, South Korea	10
			6250	Seoul, South Korea	10
			7720	Seoul, South Korea	10
0700-1100	Daily	Korean	3985	Hwaseong, South Korea	100
			5995	Hwaseong, South Korea	100
			6350	Hwaseong, South Korea	100
1100-0300	Daily	Korean	3985	Hwaseong, South Korea	100
			4885	Seoul, South Korea	10
			5995	Hwaseong, South Korea	100
			6250	Seoul, South Korea	10
			6350	Hwaseong, South Korea	100
7720	Seoul, South Korea	10			

**Note:** transmitters may switch to adjacent freqs (+/- 5 kHz) to avoid North Korean jamming.

## Kyrgyzstan

### Public Broadcasting Corporation of the Kyrgyz Republic

The Public Broadcasting Corporation of the Kyrgyz Republic (KTRK) is the public broadcasting corporation of Kyrgyzstan.

### Birinchi Radio (First Programme)

The First Programme is called Birinchi Radio, broadcasting news, information and sports.

**Transmitter site:** Bishkek-Krasnaya Rechka.

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>kW</i>
0000-1800	Daily	Kyrgyz/Russian	4010v	100

### International broadcasts on shortwave

### Kyrgyztelekom - Shortwave Relay Service

This low power shortwave transmitter at Krasnaya Rechka (reported to be 15 kW) is owned and operated by Kyrgyztelekom. It is often reported with programmes of "Radio Sadaye Zindagi" (Voice of Life), a Christian programme of Pamir Ministries in Dari for listeners in Afghanistan, but appears to also broadcast programmes in Central Asian languages on behalf of other Christian organisations.

**Transmitter site:** Bishkek-Krasnaya Rachka, Kyrgyzstan - 15 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>
1455v-1755v	Mon-Fri (weekdays days from 1st to 15th of the month)	Dari/Central Asian languages	5130

## Laos

### Lao National Radio

Lao National Radio is the national radio station of Laos. The transmitter of LNR on 6130 kHz (Vientiane 50 kW) has not been reported since 2020. It was scheduled at 2200-0800 and 0900-1630 and included foreign language programmes in Chinese (1400-1430), English (1430-1500), French (1500-1530), Thai (1530-1600) and Vietnamese (1600-1630).



## Malaysia

### Wai FM

Wai FM is a, Iban-language radio station in Sarawak operated by Radio Televisyen Malaysia. RTM caused outcry in August 2020 when it switched from the existing programme format that was popular with Iban-speaking listeners in the state and the decision was quickly reversed when Malaysian government ministers intervened.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>Transmitter site</i>	<i>kHz</i>	<i>kW</i>
2200-1400	Daily	Iban	Kajang, West Malaysia	11665	100

### Sarawak FM

Sarawak FM (formerly known as Radio Malaysia Sarawak (RMS) is a Malay language-state radio station operated by Radio Televisyen Malaysia. The station covers the whole of Sarawak with a 24 hour broadcast which airs Malaysian and international music. Sarawak FM was also relayed on shortwave (9825 kHz between 2200-1400 UTC) but appears to have been off-air since November 2022.

## Maldives

### Target broadcast to the Maldives

### Voice of Martyrs

VOM Korea started a broadcast to the Maldives in early 2022. The VOM website stated "The Maldives is one of the most restricted nations in the world, with fewer than 10 known believers. Any Maldivian who follows Christ must remain secret or face arrest or expulsion from the country. The Maldivian government seeks to eliminate or greatly minimize outside influences on their cultural identity, which includes complete commitment to Islam". It went on to say that "VOM uses creative, secretive methods to share the gospel inside the Maldives". For the duration of the time that it was heard on shortwave, VOM broadcast at 1500-1530 on 11620 kHz. Whilst VOM said that "due to our agreement with our radio broadcast partner, we are unable to share the location of the transmission" it was thought that it hired airtime on a shortwave transmitter in Uzbekistan, although this was never confirmed. Programmes were in both Dhivehi and English. VOM announced that its final broadcast was on 31 March 2024. Further details can be found on the VOM Korea website at <https://vomkorea.com/en/project/maldives-ministry/>

## Mongolia

### Mongolian National Broadcaster

The Mongolian National Broadcaster (MNB) is the official state-funded broadcaster in Mongolia.

### Mongolian Radio

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>Transmitter site</i>	<i>kHz</i>	<i>kW</i>	<i>notes</i>
2200-1500	Daily	Mongolian	Mörön, northern Mongolia	4895	10	irregular
			Ulaanbaatar, north central Mongolia	7260	50	irregular

Observation by Ron Howard of 4895 kHz: Unidentified [suspect Mongolia]. 4895 kHz, Mongolian Radio, 1150 UTC, 21 March 2023. Definite carrier and as usual unable to make out any audio. Nothing on 4830, which is normally the case and 7260 totally covered by extremely strong CRI, in Japanese; today would in fact conform to my past reception of Mongolia on this frequency. Carrier has not been heard from again since then. Mauno Ritola (Finland) also confirmed hearing a carrier on the same day as I did, so a decent possibility was Mongolia. (Ron Howard, CA, WOR iog)

Observation by Tony Rogers of 7260 kHz: Radio Vanuatu heard on 7260 kHz on 14 February 2023 on Brisbane KiwiSDR in Australia; tune-in at 1030 for last 30 minutes or so before sign-off; very noticeable today was the presence of Mongolian Radio on this frequency (parallel with LW 164 as heard on the Chongqing KiwiSDR)

### International broadcasting on shortwave

### Voice of Mongolia

Voice of Mongolia is the official international broadcasting station of Mongolia, operated by MNB.

**Transmitter site:** Ulaanbataar - 250 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Target area</i>
0030-0200	Tests	see below	12085v	see comment below
0900-0930	Daily	English	12085v	East & South-East Asia
0930-1000	Daily	Mongolian	12085v	East & South-East Asia
1000-1030	Daily	Chinese	12085v	East & South-East Asia
1030-1100	Daily	Japanese	12085v	East Asia
1300-1330	Daily	Japanese	12015v	East Asia
1330-1400	Daily	Mongolian	12015v	East Asia
1400-1430	Daily	Chinese	12015v	East Asia
1430-1500	Daily	English	12015v	East Asia

Voice of Mongolia has been conducting daytime test transmissions since mid-December 2023 at around 0030-0200 UTC on 12085 kHz, with broadcast times ranging from 15 minutes to over an hour. These tests have included the audio of MNB Mongolian Radio (Radio 1) in Mongolian. Atsuhiko Takezawa in Japan has monitored the tests regularly and has obtained an email reply from the head of the transmission center confirming the tests, but the purpose is not clear.

## Myanmar

### Myanma Radio - National Service

Myanma Radio is part of Myanma Radio and Television, the state-operated broadcasting service in Myanmar.

**Transmitter site:** Yangon - 50 kW

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Comment</b>
2300-0130	Daily	Burmese	5985	
0130-1130v	Daily	Burmese	9730	
1130v-1700	Daily	Burmese/English	5985	English at 1530-1630 is irregular

5985 and 9730 kHz come from different transmitters. They may be heard in parallel for a short time before and after 1130 UTC; this is from when the transmitter on 5985 kHz comes on air to when 9730 kHz goes off.

### Myanma Radio - Minorities Service

Aside from Myanmar (Burmese) and its dialects, the hundred or so languages of Myanmar include Shan (Tai, spoken by 3.2 million), Karen languages (spoken by 2.6 million), Kachin (spoken by 900,000), Thamizh (spoken by 1.1 Million), various Chin languages (spoken by 780,000), and Mon (Mon–Khmer, spoken by 750,000).

**Transmitter site:** Naypyidaw - 50 kW.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
2320-0530 and 0700-1400	Daily	Minority languages	5915 or 5919

Myanma Radio's Minorities Service had since 10 January 2024 been noted at times on 5919 kHz, and other times on its usual frequency of 5915 kHz. It is usually scheduled 2330-1400 UTC. Initial observations were made by Rob Wagner and Ron Howard, and Rob has written a feature on [The Myanmar Broadcasting Scene](#) on his [Mount Evelyn DX Report](#) site with daily updates on MR's unusual frequency behaviour at the current time.

Myanma Radio Minorities Service was observed still on 5919 kHz from tune-in as early as 0900 to sign-off at 1400 UTC when checked between 20-23 January 2024, but was back on 5915 kHz on 7 February. (Tony Rogers using KiwiSDR's at Dimapur, Siliguri and Nepal); reports also indicate Myanma Radio was back on 5919 kHz in March 2024.

### Thazin Radio

Thazin Radio is operated by the Burmese military. It is based in Pyin Oo Lwin, a scenic hill town in the Mandalay Region, which has approximately 10,000 Indian and 8,000 Gurkha inhabitants who settled there during British rule. Today, Pyin Oo Lwin has a thriving Eurasian community, consisting mostly of Anglo-Burmese and Anglo-Indians. There is also a diverse mix of Chinese, Chin, Kachin, Karen, Shan, Bamars (Burmese) and communities.

At the time of editing the exact frequencies and times of operation of Thazin Radio are unconfirmed. There is information available that suggests what the schedules are for both the Main Programme and the Minorities Programme, but these need to be monitored carefully. The frequencies to check are:

Main Programme: 6030, 6165 and 9460 kHz at different times of the day between 2330-1500  
 Minorities Programme: 6165, 7345 and 9590 kHz at different times of the day between 2330-1430

These are some times, languages and frequencies extracted from the Aoki list which may be useful when monitoring Thazin Radio (no distinction is made between the Main or Minorities Programmes):

0030-0130	Sgaw Karen	6165
0130-0200	English	6030
0130-0230	Wa	9590
0230-0330	Mon	6165
0230-0330	Karen-Pao	9590
0430-0630	Burmese	9460
0520-0530	1 kHz tone	9590
0530-0630	Kachin	9590
0630-0800	English	9460
0630-0730	Wa	9590
0730-0830	Paoh	9590
0930-1430	Burmese	6165
1030-1130	Kokang	7345
1130-1230	Kayah	7345
1230-1330	Shan	7345
1330-1430	Burmese	7345
1430-1500	English	6165
2330-0130	Burmese	6030
2330-0030	Chin	6165



## Target broadcasts to Myanmar

### Radio NUG, Voice of the National Unity Government of Myanmar

Radio NUG, The Voice of Myanmar Spring Revolution and National Unity Government of Myanmar, was founded on 24 August 2021, under the guidance of National Unity Government's Ministry of Communications, Information & Technology. Its mission is to support the Myanmar Spring Revolution until the victory is achieved, to represent the voice of the Committee Representing Pyidaungsu Hluttaw (CRPH), to represent the voice of the National Unity Government (NUG), and to support founding of Myanmar Federal Democracy Union

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0200-0230	Daily	Burmese	17790	Paochung, Taiwan	300
1400-1430	Daily	Burmese	11940	Paochung, Taiwan	300

### Mizzima Radio

Mizzima News is a Burmese multimedia news organisation. It was established in August 1998 by a group of Burmese journalists in exile in New Delhi.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1200-1300	Daily	Burmese	13825	Tashkent, Uzbekistan	100

### Shan Herald Agency for News (SHAN)

The Shan Herald Agency for News (SHAN) was formed in 1991 and has reported extensively on armed conflict, politics, the environment and drug issues across Shan State. SHAN continues to work as an independent media organisation dedicated to supporting peace and improving understandings of the challenges facing people's livelihoods and the impact of drugs on communities.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1250-1320	Mon-Fri	Burmese	17720	Dhabbaya, UAE	250

### BBC Burmese

The BBC Burmese radio programming is broadcast from London on shortwave and on Asiasat5 satellite television channel and streamed online via [bbcburmese.com](http://bbcburmese.com).

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1330-1400	Daily	Burmese	15325	Tinang, Philippines	250
			17515	Dhabbaya, UAE	250

### Voice of America

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0000-0030	Daily	Burmese	5875	Udon Thani, Thailand	250
			7410	Udon Thani, Thailand	250
			12110	Tinang, Philippines	250
0130-0230	Daily	Burmese	7305	Udon Thani, Thailand	250
			15285	Tinang, Philippines	250
			17850	Tinang, Philippines	250
0230-0330	Daily	Burmese	7305	Udon Thani, Thailand	250
			15285	Tinang, Philippines	250
			15700	Tinang, Philippines	250
			17850	Tinang, Philippines	250
1430-1600	Daily	Burmese	5885	Udon Thani, Thailand	250
			9370	Tinang, Philippines	250
			9380	Tinang, Philippines	250
1600-1630	Daily	Burmese	5885	Tinang, Philippines	250
			9370	Tinang, Philippines	250
			9380	Tinang, Philippines	250
1630-1730	Daily	Burmese	9380	Tinang, Philippines	250
1730-1800	Daily	Burmese	5850	Udon Thani, Thailand	250
2330-0000	Daily	Burmese	5875	Udon Thani, Thailand	250
			7410	Udon Thani, Thailand	250
			12110	Tinang, Philippines	250

### Radio Free Asia

Radio Free Asia has dedicated programmes in Burmese for listeners in Myanmar and environs.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0030-0130	Daily	Burmese	15700	Tinian, Northern Marianas	250
			17530	Saipan, Northern Marianas	100
0200-0300	Daily	Burmese	15250	Paochung, Taiwan	250
1230-1330	Daily	Burmese	9370	Tinian, Northern Marianas	250
			9990	Dushanbe, Tajikistan	200
1330-1400	Daily	Burmese	9990	Tinian, Northern Marianas	250
			12140	Tinian, Northern Marianas	250
1400-1430	Daily	Burmese	9990	Tinian, Northern Marianas	250

## **Target broadcasts in Rohingya**

The Rohingya conflict is an ongoing conflict in the northern part of Myanmar's Rakhine State (formerly known as Arakan), characterised by sectarian violence between the Rohingya Muslim and Rakhine Buddhist communities, a military crackdown on Rohingya civilians by Myanmar's security forces, and militant attacks by Rohingya insurgents in Buthidaung, Maungdaw, and Rathedaung Townships, which border Bangladesh. An estimated 655,000 to 700,000 Rohingya people reportedly fled to Bangladesh between 25 August 2017 and December 2017, to avoid ethnic and religious persecution by Myanmar's security forces in their "clearance operations" against insurgents, joining an additional 300,000 Rohingya refugees in Bangladesh who had arrived after fleeing earlier waves of communal violence. The United Nations Office for the Coordination of Humanitarian Affairs (OCHA) estimated on 31 July 2018 that 128,000 Rohingyas were internally displaced inside of Rakhine State.

### **Reach Beyond Australia**

Reach Beyond Australia has a daily 15-minute programme in the Rohingya language.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
1130-1145	Daily	Rohingya	11865	Kununurra, Australia	100
1215-1230	Sat/Sun	Rohingya	15460	Kununurra, Australia	100
1230-1245	Fri-Mon	Rohingya	11900	Kununurra, Australia	100

### **Voice of America**

In July 2019, the Voice of America's Bangla language service started a five-day-a-week radio show in Rohingya, the language spoken by Muslim refugees that have fled Myanmar and it continues into 2024. More than 800,000 people have taken refuge at the Kutupalong camp, one of the world's largest refugee camps at the Myanmar-Bangladesh border. Titled Lifeline, the 30-minute radio show focuses on the lives and needs of the refugees, providing them with valuable information on security, family reunification, food rations, available shelter, education and health including vaccinations and water purification. In addition, a daily segment of the program offers the refugees the opportunity to share their stories, extend greetings to their families and learn about the hazards of joining extremists groups. One overarching objective of the broadcast is to counter Muslim extremists' narratives and recruitment efforts in the camps and inform the Rohingya about the U.S. and the international community's involvement in the crisis.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>
0100-0130	Mon-Fri	Rohingya	9745	Udon Thani, Thailand	250
			9885	Udon Thani, Thailand	250
			15225	Tinang, Philippines	250



## **Nepal**

### **Radio Nepal**

Radio Nepal is the state-owned radio broadcasting service of Nepal. The shortwave transmitter that last operated on Radio Nepal's longstanding frequency of 5005 kHz has been decommissioned. It was last reported in early 2019.

## **Pakistan**

### **Radio Pakistan**

Radio Pakistan shortwave transmissions are currently suspended. The Ministry of Information and Broadcasting website currently says: "World and External services broadcasts programs for six hours daily in six foreign languages and designed to cover Asia. These languages are Persian, Dari, Bangla, Chinese, Pashto (Afghani), Hindi, Hazargi. Presently these programmes are streamed only and also available on the Mobile App. World Service broadcasts programs for 8 hours in Urdu language for Overseas Pakistanis in Middle East and Europe".

### **Azad Kashmir Radio**

The Pakistan Broadcasting Corporation broadcasts a dedicated Kashmir-focused service from three stations, including the Trarkhal Programme which had been heard as recently as October 2021 at 0900-0945 on 7265 kHz. However, there do not appear to have been any reports since then and the transmitter may be either inactive or only used irregularly.



# Philippines

## International broadcasts on shortwave

### Radyo Pilipinas Worldwide (DZRP)

Radyo Pilipinas Worldwide (callsign DZRP) is the overseas broadcast of the Philippine Broadcasting Service (PBS). Radyo Pilipinas is broadcast through the facilities of the International Broadcasting Bureau - Voice of America. The programmes being aired over DZRP are produced by PBS staff dedicated in serving the needs of overseas Filipino workers and Filipinos all over the globe. The transmitter site is the USAGM Transmitting Station, Tinang, Central Luzon.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Target area</b>
0200-0330	Daily	English	12010	Tinang, Philippines	250	Middle East
			15640	Tinang, Philippines	250	Middle East
			17820	Tinang, Philippines	250	Middle East
1730-1930	Daily	Filipino	9960	Tinang, Philippines	250	Middle East
			12120	Tinang, Philippines	250	Middle East
			15190	Tinang, Philippines	250	Middle East

### FEBC Philippines

Far East Broadcasting Company is an international Christian radio network. The FEBC shortwave transmitter sites in the Philippines are at Bocaue, Bulacan Province and Iba, Zambales Province.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Tx site</b>	<b>kW</b>	<b>Target area</b>
2230-0030	Daily	Chinese	9405	Bocaue	100	East Asia
2230-2330	Mon-Fri	Hmong-Daw	12095	Bocaue	100	South-East Asia
2300-2330	Daily	Mon	9795	Iba	100	South-East Asia
2300-2330	Daily	Iu Mien	9875	Bocaue	100	South-East Asia
2300-2330	Mon-Fri	Shan	12055	Bocaue	100	South-East Asia
2300-2330	Sat/Sun	Hmong-Njua	12095	Bocaue	100	South-East Asia
2300-0100	Daily	Chinese	12070	Iba	100	East Asia
2330-2345	Daily	Palaung	12055	Bocaue	100	South-East Asia
2330-0000	Daily	Lao	9795	Iba	100	South-East Asia
2330-0000	Mon-Fri	Iu Mien	9875	Bocaue	100	South-East Asia
2330-0030	Daily	Burmese	15450	Bocaue	100	South-East Asia
2345-0015	Daily	Lu	12055	Bocaue	100	South-East Asia
0000-0015	Daily	Khmu	9795	Iba	100	South-East Asia
0000-0045	Daily	Shan	15435	Bocaue	100	South-East Asia
0015-0045	Daily	Lahu	12055	Bocaue	100	South-East Asia
0045-0100	Daily	Wa	12055	Bocaue	100	South-East Asia
0045-0100	Daily	Tai (Nua)	15435	Bocaue	100	South-East Asia
0100-0130	Daily	Javanese	15560	Bocaue	100	South-East Asia
0900-0930	Daily	Hui	15450	Bocaue	100	East Asia
0900-0930	Daily	Makasar	15580	Bocaue	100	South-East Asia
0930-1000	Daily	Minangkabu	15420	Bocaue	100	South-East Asia
0930-1000	Daily	Mongolian	15450	Iba	100	East Asia
0930-1000	Daily	Buginese	15580	Bocaue	100	South-East Asia
1000-1030	Daily	Chinese	9400	Iba	100	East Asia
1000-1030	Daily	Sundanese	15580	Bocaue	100	South-East Asia
1000-1030	Mon-Fri	Hmong-Daw	12095	Bocaue	100	South-East Asia
1000-1030	Mon-Fri	Shan	13870	Bocaue	100	South-East Asia
1000-1600	Daily	Chinese	9275	Bocaue	100	East Asia
1030-1100	Daily	Cantonese	9400	Iba	100	East Asia
1030-1100	Daily	Lu	12095	Bocaue	100	South-East Asia
1030-1100	Mon-Fri	Iu Mien	13870	Bocaue	100	South-East Asia
1030-1100	Daily	Sasak	15580	Iba	100	East Asia
1100-1130	Mon-Fri	Hmong-Daw	12095	Bocaue	100	South-East Asia
1100-1130	Sat/Sun	Hmong-Njua	12095	Bocaue	100	South-East Asia
1100-1200	Daily	Vietnamese	9795	Iba	100	South-East Asia
1100-1300	Daily	Khmer	13870	Bocaue	100	South-East Asia
1100-1400	Daily	Chinese	9400	Iba	100	East Asia
1115-1145	Daily	Mon	15330	Bocaue	100	South-East Asia
1130-1200	Daily	Lao	12095	Bocaue	100	South-East Asia
1145-1200	Daily	Karen	15330	Bocaue	100	South-East Asia
1200-1215	Daily	Rawang	12120	Bocaue	100	South-East Asia
1200-1230	Sun-Wed	Rade	9920	Iba	100	South-East Asia
1200-1230	Thu-Sat	Jarai	9920	Iba	100	South-East Asia
1200-1230	Daily	Iu Mien	12095	Bocaue	100	South-East Asia
1215-1230	Daily	Akha	12120	Bocaue	100	South-East Asia
1230-1245	Daily	Achang	12095	Bocaue	100	South-East Asia

1230-1245	Daily	Naga	12120	Bocau	100	South-East Asia
1230-1300	Mon/Wed/Fri	Bahnar	9920	Iba	100	South-East Asia
1230-1300	Tu/Th/Sa/Su	Hre	9920	Iba	100	South-East Asia
1245-1300	Daily	Tai (Dam)	12095	Bocau	100	South-East Asia
1245-1300	Daily	Chin (Daai)	12120	Bocau	100	South-East Asia
1300-1330	Daily	Lisu	12120	Bocau	100	South-East Asia
1300-1330	Daily	Koho	9920	Iba	100	South-East Asia
1300-1330	Daily	Hui	11600	Bocau	100	South-East Asia
1300-1330	Daily	Hmong-Miao	12095	Bocau	100	South-East Asia
1330-1400	Daily	Burmese	12120	Bocau	100	South-East Asia
1330-1400	Daily	Yunnan	11600	Bocau	100	South Asia
1330-1400	Daily	Khmu	12095	Bocau	100	South-East Asia
1400-1430	Daily	Javanese	15620	Bocau	100	South-East Asia
1400-1430	Daily	Lahu	11750	Bocau	100	South-East Asia
1400-1600	Daily	Chinese	9345	Iba	100	East Asia
1430-1500	Daily	Uighur	9940	Bocau	100	East Asia
1500-1545	Mon-Wed	Ukrainian	9920	Bocau	100	Russia/Ukraine
1500-1600	Thu-Sun	Russian	9920	Bocau	100	Russia

### USAGM Philippines Transmitting Station

The USAGM Philippines Transmitting Station is located on the island of Luzon at Tinang, in Tarlac Province. As well as Voice of America relays, the station is also currently used by Radyo Pilipinas (see times and frequencies above), BBC World Service and Vatican Radio

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0000-0030	Daily	Voice of America	Burmese	12110	250	South-East Asia
0000-0100	Daily	Voice of America	Chinese	9600	250	East Asia
				15340	250	East Asia
				17560	250	East Asia
0100-0130	Daily	Voice of America	Rohingya	15225	250	Myanmar/Bangladesh
0130-0230	Daily	Voice of America	Burmese	15285	250	South-East Asia
				17850	250	South-East Asia
0230-0330	Daily	Voice of America	Burmese	15285	250	South-East Asia
				15700	250	South-East Asia
				17850	250	South-East Asia
0300-0400	Daily	Voice of America	Tibetan	17735	250	Tibet & environs
	Mon			21600	250	Tibet & environs
	Tue			21610	250	Tibet & environs
	Wed			21630	250	Tibet & environs
	Thu			21620	250	Tibet & environs
	Fri			21640	250	Tibet & environs
	Sat			21680	250	Tibet & environs
	Sun			21650	250	Tibet & environs
0400-0500	Mon	Voice of America	Tibetan	17785	250	Tibet & environs
	Tue			17865	250	Tibet & environs
	Wed			17785	250	Tibet & environs
	Thu			17865	250	Tibet & environs
	Fri			17785	250	Tibet & environs
	Sat			17650	250	Tibet & environs
	Sun			17650	250	Tibet & environs
0500-0600	Mon	Voice of America	Tibetan	21620	250	Tibet & environs
	Tue			21610	250	Tibet & environs
	Wed			21640	250	Tibet & environs
	Thu			21650	250	Tibet & environs
	Fri			21580	250	Tibet & environs
	Sat			21600	250	Tibet & environs
	Sun			21630	250	Tibet & environs
0900-1100	Daily	Voice of America	Chinese	11825	250	East Asia
				21695	250	East Asia
1000-1200	Daily	BBC	English	9410	250	East Asia
1100-1200	Daily	Voice of America	Chinese	9460	250	East Asia
				11785	250	East Asia
				11825	250	East Asia
				15250	250	East Asia
1130-1200	Sat/Sun	Voice of America	L. English	11700	250	South-East Asia
1200-1300	Daily	Voice of America	Chinese	11785	250	East Asia
				15250	250	East Asia
1200-1400	Daily	Voice of America	Korean	9350	250	East Asia
				12080	250	East Asia

1230-1250	Daily	Vatican Radio	Russian	9810	250	Russian Far East
				11805	250	Russian Far East
1230-1300	Mon-Fri	BBC	Korean	7530	250	East Asia
1230-1315	Sat	Vatican Radio	Chinese	7490	250	East Asia
				9720	250	East Asia
				11750	250	East Asia
1300-1400	Daily	Voice of America	Chinese	6115	250	East Asia
				11785	250	East Asia
				15130	250	East Asia
1330-1400	Daily	BBC	Burmese	15325	250	South-East Asia
1330-1430	Daily	Voice of America	Khmer	9615	250	South-East Asia
				11695	250	South-East Asia
1400-1500	Daily	Voice of America	Cantonese	7480	250	East Asia
1400-1500	Daily	Voice of America	Chinese	6115	250	East Asia
				9465	250	East Asia
				11900	250	East Asia
				15110	250	East Asia
1400-1500	Daily	Voice of America	Korean	12080	250	East Asia
1430-1450	Daily	Vatican Radio	Hindi	11700	250	South Asia
				15490	250	South Asia
1430-1530	Daily	Voice of America	Burmese	9370	250	South-East Asia
				9380	250	South-East Asia
1450-1510	Daily	Vatican Radio	Tamil	11700	250	South Asia
				15490	250	South Asia
1510-1530	Daily	Vatican Radio	Malayalam	11700	250	South Asia
				15490	250	South Asia
1530-1600	Daily	Voice of America	Burmese	9370	250	South-East Asia
				9380	250	South-East Asia
1530-1600	Daily	BBC	Korean	7355	250	East Asia
1600-1630	Daily	Voice of America	Burmese	5885	250	South-East Asia
				9370	250	South-East Asia
				9380	250	South-East Asia
1600-1700	Daily T/T/S/S	Voice of America	Tibetan	7465	250	Tibet & environs
				11890	250	Tibet & environs
1630-1700	Daily	BBC	Korean	7355	250	East Asia
1630-1730	Daily	Voice of America	Burmese	9380	250	South-East Asia
1730-1800	Daily	BBC	Korean	7355	250	East Asia
1900-2100	Daily	Voice of America	Korean	7465	250	East Asia
2200-2230	Daily	Voice of America	Khmer	5965	250	South-East Asia
				7375	250	South-East Asia
				9320	250	South-East Asia
2200-2230	Daily	Vatican Radio	Chinese	9695	250	East Asia
				11895	250	East Asia
2200-2300	Daily	Voice of America	Chinese	9625	250	East Asia
2200-2300	Daily	BBC	English	9440	250	South-East Asia
2300-0000	Daily	BBC	English	11645	250	South-East Asia
2330-0000	Daily	Voice of America	Burmese	12110	250	South-East Asia
2315-0000	Daily	Vatican Radio	Vietnamese	9580	250	South-East Asia
				11895	250	South-East Asia

## Russia (East Asia)

The only licenced broadcasting station on shortwave in Russia at the current time is (or was) Radio Purga. It is located in Far Eastern Russia. It had broadcast on shortwave in DRM mode, but there appear to be no registrations for the B23 season and Alex Miatlikov points out that there do not appear to be any logs of the station since November 2021.

## Singapore

### Mediacorp (ex-Singapore Broadcasting Corporation)

Shortwave broadcasts of Mediacorp domestic services were discontinued on 31 July 2008. At the time of closure these consisted of Capital 95.8FM/YES 93.3FM in Chinese, 938Live! in English, Oli 96.8FM in various Indian languages and Warna 94.2FM/Ria 89.7FM in Malay. At the same time Radio Singapore International was also terminated on shortwave.

### BBC East Asia Relay Station

The BBC East Asia Relay Station was located in the Kranji district of Singapore. The relay station had been in use since 1978 and closed on 15 July 2023.



# Sri Lanka

## International broadcasts on shortwave

### Sri Lanka Broadcasting Corporation

SLBC is the public broadcasting service of Sri Lanka. On SW it operates from the old Deutsche Welle Relay Station at Trincomalee, which was opened in 1984 and closed on 1 November 2011. Upon closure it was transferred to the SLBC.

### SLBC Shortwave Services

SLBC operates on shortwave from the old Deutsche Welle Relay Station at Trincomalee, which was opened in 1984 and closed on 1 November 2011. Upon closure it was transferred over to the Sri Lanka Broadcasting Corporation. SLBC broadcasts on shortwave are directed to South Asia and to the large expatriate community in the Middle East.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0200-0229	Daily	Hindi	11905	125	South Asia
1630-1830	Mondays & Saturdays	Sinhala	11750	125	Middle East



### SLBC Shortwave Relay Station - Trincomalee

Adventist World Radio is currently the only broadcasting organisation using Trincomalee for A24 (apart from SLBC)

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0000-0030	Daily	AWR	Burmese	11925	125	South-East Asia
0030-0100	Daily	AWR	Karen	11925	125	South-East Asia
0100-0130	Sun-Thu	AWR	Min Nan	15630	125	East Asia
0100-0130	Fri/Sat	AWR	Chinese	15630	125	East Asia
0130-0200	Sun-Thu	AWR	Cantonese	15630	125	East Asia
0130-0200	Sat	AWR	Chinese	15630	125	East Asia
0230-0300	Daily	AWR	Dari	15445	125	Afghanistan
1100-1130	Daily	AWR	Indonesian	15500	125	South-East Asia
1130-1200	Tue/Thu/Sat/Sun	AWR	Sundanese	15500	125	South-East Asia
1130-1200	Mon/Wed/Fri	AWR	Javanese	15500	125	South-East Asia
1200-1230	Daily	AWR	Balinese	15430	125	South-East Asia
1300-1330	Daily	AWR	Bengali	15430	125	South Asia
1330-1400	Daily	AWR	Khasi	15430	125	South Asia
1400-1430	Daily	AWR	Karen	11800	125	South-East Asia
1430-1500	Daily	AWR	Karen	11800	125	South-East Asia
1500-1530	Daily	AWR	Nepali	9740	125	South Asia
1530-1600	Daily	AWR	Hindi	9470	125	South Asia
1600-1630	Daily	AWR	Urdu	11955	125	South Asia
1900-2000	Daily	AWR	Korean	15490	125	East Asia
2200-2230	Tue/Thu/Sun	AWR	English	12040	125	South-East Asia
2200-2230	Mon/Wed/Fri/Sat	AWR	Sundanese	12040	125	South-East Asia
2230-2300	Daily	AWR	Indonesian	12040	125	South-East Asia
2300-0000	Daily	AWR	Chinese	15625	125	East Asia

# Taiwan

## International broadcasts on shortwave

### Radio Taiwan International

Radio Taiwan International is the English name of the Central Broadcasting System (CBS), the national broadcaster and international radio service of the Republic of China, commonly known as Taiwan. RTI is not registered with the HFCC, so the schedule below has been compiled with reference to the Aoki and EiBi lists.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Target area</b>
0000-0100	Daily	Chinese	9490	Tamsui, Taiwan	100	East Asia
0100-0130	Daily	Spanish	5800	WRMI Okeechobee FL, USA	100	South America
0200-0230	Daily	Spanish	5010	WRMI Okeechobee FL, USA	100	Caribbean
0400-0430	Daily	Cantonese	15320	Paochung, Taiwan	100	East Asia
0400-0600	Daily	Chinese	11815	Paochung, Taiwan	100	East Asia
0430-0500	Daily	Hakka	15320	Paochung, Taiwan	100	South-East Asia
0900-1000	Daily	Hakka	6105	Paochung, Taiwan	100	East Asia
0900-1000	Daily	Amoy	9400	Paochung, Taiwan	100	East Asia
			12065	Paochung, Taiwan	100	South-East Asia
0900-1000	Daily	Chinese	9595	Paochung, Taiwan	100	East Asia

1000-1030	Daily	Cantonese	12065	Paochung, Taiwan	100	South-East Asia
			13825	Paochung, Taiwan	100	South-East Asia
1000-1100	Daily	Chinese	6105	Kouhu, Taiwan	100	East Asia
			9555	Tamsui, Taiwan	100	South-East Asia
			9595	Paochung, Taiwan	100	East Asia
			9610	Tamsui, Taiwan	100	South-East Asia
			9885	Tamsui, Taiwan	100	South-East Asia
			11885	Paochung, Taiwan	100	South-East Asia
1000-1100	Daily	Indonesian	11915	Paochung, Taiwan	250	South-East Asia
1030-1100	Daily	Korean	9700	Paochung, Taiwan	300	East Asia
1030-1100	Daily	Hakka	12065	Paochung, Taiwan	100	South-East Asia
			13825	Paochung, Taiwan	100	South-East Asia
1100-1200	Daily	Chinese	6105	Kouhu, Taiwan	100	East Asia
			6150	Kouhu, Taiwan	100	East Asia
			6180	Tamsui, Taiwan	300	South Asia
			9555	Tamsui, Taiwan	100	South-East Asia
			9660	Kouhu, Taiwan	100	South-East Asia
			9680	Tamsui, Taiwan	100	East Asia
			9885	Tamsui, Taiwan	100	South-East Asia
			11730	Tamsui, Taiwan	100	East Asia
			11885	Paochung, Taiwan	100	South-East Asia
1100-1200	Daily	Russian	9490	Tamsui, Taiwan	300	Eastern Russia
1100-1200	Daily	Vietnamese	9695	Paochung, Taiwan	300	South-East Asia
1100-1200	Daily	Japanese	9740	Paochung, Taiwan	100	East Asia
1200-1230	Daily	Cantonese	6105	Kouhu, Taiwan	100	South-East Asia
			9735	Paochung, Taiwan	100	East Asia
1200-1300	Daily	Amoy	6150	Kouhu, Taiwan	100	East Asia
1200-1300	Daily	Chinese	6180	Tamsui, Taiwan	300	South East Asia
			9555	Tamsui, Taiwan	100	South-East Asia
			9660	Kouhu, Taiwan	100	South-East Asia
			9680	Tamsui, Taiwan	100	East Asia
			9885	Tamsui, Taiwan	100	South-East Asia
1230-1300	Daily	Hakka	6105	Kouhu, Taiwan	100	South-East Asia
			9735	Paochung, Taiwan	100	East Asia
1300-1400	Daily	Chinese	6105	Kouhu, Taiwan	100	South-East Asia
			6180	Tamsui, Taiwan	300	South Asia
			7430	Paochung, Taiwan	100	East Asia
			9660	Kouhu, Taiwan	100	South-East Asia
			9680	Tamsui, Taiwan	100	East Asia
1300-1400	Daily	Thai	9525	Paochung, Taiwan	100	South-East Asia
1400-1500	Daily	Chinese	6075	Kouhu, Taiwan	100	East Asia
			6145	Kouhu, Taiwan	100	East Asia
			6180	Tamsui, Taiwan	300	South Asia
			9660	Kouhu, Taiwan	100	South-East Asia
1500-1530	Daily	Cantonese	9540	Paochung, Taiwan	250	South-East Asia
1500-1600	Daily	Chinese	6075	Kouhu, Taiwan	100	East Asia
			6145	Kouhu, Taiwan	100	East Asia
			6180	Tamsui, Taiwan	300	South Asia
			7300	Tamsui, Taiwan	100	East Asia
			9660	Kouhu, Taiwan	100	South-East Asia
1530-1600	Daily	Hakka	9540	Paochung, Taiwan	250	South-East Asia
1600-1700	Daily	Chinese	6075	Kouhu, Taiwan	100	East Asia
			6145	Kouhu, Taiwan	100	East Asia
1600-1700	Daily	English	9405	Tamsui, Taiwan	250	South Asia
1700-1730	Daily	Russian	5900	Kostinbrod, Bulgaria	50	Eastern Europe
1900-1930	Daily	German	5900	Kostinbrod, Bulgaria	100	Western Europe
1900-1930	Daily	French	6005	Kostinbrod, Bulgaria	100	Western Europe
1900-2000	Sun	French	13835	Issoudun, France	250	North-West Africa
2200-2230	Daily	Spanish	15770	WRMI Okceechobee FL, USA	100	Europe, North America
2200-0000	Daily	Chinese	6075	Kouhu, Taiwan	100	East Asia
			6105	Kouhu, Taiwan	100	East Asia
			9900	Tamsui, Taiwan	100	East Asia

### Shortwave relays from Taiwan

Several international broadcasters and other organisations use transmitters in Taiwan for broadcasts to Asia. Foreign relays from Taiwan are not registered with the HFCC, so the schedule below has been compiled with reference to the Aoki and Eibi lists.

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>Tr. site</i>	<i>kW</i>	<i>Target are</i>
0030-0130	Daily	Radio Free Asia	Burmese	15245	Paochung	250	South-East Asia
0100-0200	Sat	Adventist World Radio	Vietnamese	15445	Paochung	100	South-East Asia
0200-0230	Daily	Radio NUG	Burmese	17790	Paochung	250	South-East Asia
0200-0300	Daily	Radio Free Asia	Burmese	15245	Paochung	250	South-East Asia
1200-1300	Daily	Radio Free Asia	Cambodian	11885	Paochung	250	South-East Asia
1200-1400	Daily	Radio Free Asia	Korean	9900	Paochung	300	East Asia
1200-1500	Daily	National Unity Radio	Korean	7340	Tamsui	300	East Asia
1230-1300	Daily	Radio Daap Loi Song Nui	Vietnamese	9670	Paochung	100	South-East Asia
1300-1330	Daily	Nippon no Kaze	Korean	9455	Tamsui	300	East Asia
				9940	Paochung	300	East Asia
1300-1400	Sun	Radio France International	Vietnamese	9650	Paochung	100	South-East Asia
1330-1400	Daily	Furusato no Kaze	Japanese	9455	Tamsui	300	East Asia
				9705	Paochung	300	East Asia
1400-1430	Tue/Fri	V of the Revivel of Korea	Korean	9645	Tamsui	300	East Asia
1400-1430	Daily	Radio NUG	Burmese	11940	Paochung	300	South-East Asia
1430-1500	Daily	Furusato no Kaze	Japanese	9685	Paochung	300	East Asia
				9705	Tamsui	300	East Asia
1500-1530	Daily	Nippon no Kaze	Korean	6110	Tamsui	300	East Asia
				9685	Paochung	300	East Asia
1500-1600	Daily	Radio Free Asia	Uighur	11850	Tamsui	300	East Asia
1530-1600	Daily	Nippon no Kaze	Korean	6110	Tamsui	300	East Asia
				9685	Paochung	300	East Asia
1600-1630	Daily	Furusato no Kaze	Japanese	6110	Tamsui	300	East Asia
				9470	Paochung	300	East Asia
1600-1700	Daily	Radio Free Asia	Uighur	9560	Paochung	300	East Asia
1630-1700	Daily	Nippon no Kaze	Korean	6110	Tamsui	300	East Asia
1700-1730	Daily	Furusato no Kaze	Japanese	6110	Tamsui	300	East Asia

### Fu Hsing Broadcasting Station

Fu Hsing Broadcasting Station is a state-run radio station sponsored by Republic of China Armed Forces, located on the campus of Ming Chuan University in Taipei, Taiwan and is operated by the Ministry of National Defense. The transmitter site is often reported as Kuanyin (10 kW) but WRTH 2022 said a visit to Kuanyin could not confirm this was the site used.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Target area</i>
0500-0900	Daily	Chinese/Hakka	9410	Mainland China
			9774	Mainland China
			15375	Mainland China



復興廣播電台

### Sound of Hope

Sound of Hope (SOH) is an international Chinese-language radio network. Along with New Tang Dynasty Television and The Epoch Times, it is part of a network of media organisations established by practitioners of the Falun Gong new religious movement. SOH serves the Chinese diaspora in US, Europe, Australia, Japan and South Korea on mediumwave and FM and broadcasts to China on an extensive number of out-of-band shortwave frequencies. Programmes are in Chinese and Cantonese, and also include relays of Radio Free Asia at times.

**Transmitter sites:** Pingtung and Miaoli, Taiwan (and possibly another) - all transmitters are low power - 1 kW or less.

**Frequencies:** See entry for China - "Target broadcasts to China" for a list of SOH's shortwave frequencies.

## Tajikistan

### Tajik Radio

Tajik Radio is part of the state-run Kimutai Televizion va Radioi (State Committee for TV and Radio Broadcasting).

### Radioi Tojikiston (Tajik Radio 1)

Radio Tajikistan is the main radio channel of Tajik Radio. The transmitter site is at Yangiyo'l, near Dushanbe.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>
2300-2000	Daily	Tajik	4765	100

### Ovozi Tojik (Voice of Tajik)

Voice of Tajik is the external service of Tajik Radio. The transmitter site is at Orzu and it broadcasts to foreign listeners in the areas surrounding Tajikistan.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>
0200-0400	Daily	Tajik	7245	100
1100-1200	Daily	Hindi	7245	100
0400-0600	Daily	Persian	7245	100
1200-1300	Daily	Arabic	7245	100
0600-0800	Daily	Dari	7245	100
1300-1400	Daily	English	7245	100
0800-1000	Daily	Russian	7245	100
1400-1600	Daily	Tajik	7245	100
1000-1100	Daily	Uzbek	7245	100
1600-1800	Daily	Persian	7245	100



### International broadcasts on shortwave

#### Kumitai Television va Radioi

Kumitai Television va Radioi (State Committee for Television and Radio) is the operator of all transmitters in Tajikistan and hires airtime to international broadcasters. The shortwave transmitter sites in Tajikistan are at Orzu, Khatlon Region and Yangiyo'l, near Dushanbe.

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>Tr. site</b>	<b>kW</b>	<b>Target area</b>
0100-0200	Daily	Radio Free Asia	Uighur	9350	Orzu	200	Xinjiang & environs
				9800	Orzu	200	Xinjiang & environs
0100-0200	Daily	Radio Free Asia	Tibetan	9370	Orzu	250	Tibet & environs
				9705	Orzu	200	Tibet & environs
0200-0300	Daily	AWR	English	15515	Orzu	100	South Asia
0600-0700	Daily	Radio Free Asia	Tibetan	15610	Orzu	200	Tibet & environs
1100-1200	Daily	Radio Free Asia	Tibetan	13580	Orzu	200	Tibet & environs
				15490	Orzu	200	Tibet & environs
1130-1200	Daily	AWR	Shan	15610	Orzu	100	South-East Asia
1200-1230	Daily	AWR	Mon	15610	Orzu	100	South-East Asia
1200-1300	Daily	Radio Free Asia	Tibetan	13580	Orzu	200	Tibet & environs
				15490	Orzu	200	Tibet & environs
				17690	Orzu	250	Tibet & environs
1200-1300	Daily	AWR	Korean	15515	Orzu	100	Korea
1230-1330	Daily	Radio Free Asia	Burmese	9990	Orzu	200	South-East Asia
1300-1330	Daily	AWR	Nepali	15255	Orzu	100	South Asia
1300-1330	Daily	AWR	Asho Chin	15505	Orzu	100	South-East Asia
1300-1400	Daily	Voice of Tibet	Tibetan	9876*	Yangiyul	100	Tibet & environs
1300-1400	Daily	Radio Free Asia	Tibetan	13720	Orzu	200	Tibet & environs
				15275	Orzu	250	Tibet & environs
				15490	Orzu	200	Tibet & environs
1330-1400	Daily	AWR	Thai	15440	Orzu	100	South-East Asia
1330-1400	Daily	AWR	Lisu	15505	Orzu	100	South-East Asia
1400-1500	Daily	AWR	English	15505	Orzu	100	South Asia
1500-1600	Daily	Radio Free Asia	Tibetan	9355	Orzu	200	Tibet & environs
1500-1600	Daily	Radio Free Asia	Chinese	13810	Orzu	250	China
1530-1600	Daily	BBC	Korean	9390	Yangiyul	250	Korea
1600-1700	Daily	Radio Free Asia	Chinese	7540	Orzu	200	China
				13810	Orzu	250	China
1600-1700	Daily	Radio Free Asia	Uighur	9355	Orzu	200	Xinjiang & environs
1630-1700	Daily	BBC	Korean	9390	Yangiyul	250	Korea
1730-1800	Daily	BBC	Korean	9390	Yangiyul	250	Korea
2300-0000	Daily	Radio Free Asia	Tibetan	9545	Orzu	200	Tibet & environs
2300-0000	Daily	Voice of Tibet	Tibetan	7476*	Yangiyul	100	Tibet & environs

**Note:** This schedule has been compiled with additional reference to the the times and frequencies that Shiganori Aoki has listed for A24 (further amendments will be made as necessary);

\* Voice of Tibet at 1300-1400 switches between 9876 & 9899 kHz and at 2300-0000 switches between 9476 & 9499



# Thailand

## Radio Thailand World Service

Radio Thailand World Service is broadcast on shortwave using USAGM transmitters in Ban Dung District, Udon Thani. A new schedule was introduced on 1 July 2023:

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0000-0030	Daily	English	13750	250	North America
0200-0230	Daily	English	15590	250	North America
0500-0530	Daily	English	17640	250	Europe
1200-1230	Daily	English	9385	250	South-East Asia
1230-1245	Daily	Chinese	9385	250	East Asia
1245-1300	Daily	Malay	9385	250	South-East Asia
1300-1315	Daily	Japanese	9385	250	East Asia
1315-1330	Daily	English	9385	250	East Asia
1800-1930	Daily	English	7475	250	Europe

## USAGM Thailand Transmitting Station

The USAGM Thailand Transmitting Station is owned and operated by the USAGM. In addition to relays of the Voice of America, RFE/RL and Radio Farda, transmitters are also used by Radio Thailand World Service (as above).

**Transmitter site:** Udon Thani, upper northeastern Thailand.

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0000-0030	Daily	Voice of America	Burmese	5875	250	South-East Asia
				7410	250	South-East Asia
0000-0100	Daily	Voice of America	Chinese	11660	250	East Asia
0000-0100	Daily	Voice of America	Tibetan	9440	250	Tibet & environs
	Mon			13670	250	Tibet & environs
	Tue			13630	250	Tibet & environs
	Wed			13640	250	Tibet & environs
	Thu			13760	250	Tibet & environs
	Fri			13805	250	Tibet & environs
	Sat			13690	250	Tibet & environs
	Sun			13810	250	Tibet & environs
0030-0100	Daily	VOA Radio Ashna	Pashto	9480	250	Afghanistan
0100-0130	Daily	VOA Radio Ashna	Dari	9480	250	Afghanistan
0100-0130	Mon-Fri	Voice of America	Rohingya	9745	250	South-East Asia
				9885	250	South-East Asia
0100-0400	Daily	VOA Deewa Radio	Pashto	12035	250	Afghanistan
				13750	250	Afghanistan
0130-0200	Pashto	VOA Radio Ashna	Pashto	9480	250	Afghanistan
0130-0230	Daily	Voice of America	Burmese	7305	250	South-East Asia
0200-0230	Daily	VOA Radio Ashna	Dari	9480	250	Afghanistan
0230-0300	Daily	Radio Azadi (RFE/RL)	Pashto	15090	250	Afghanistan
0230-0330	Daily	Voice of America	Burmese	7305	250	South-East Asia
0230-0530	Daily	Radio Farda	Persian	15690	250	Iran
				17690	250	Iran
0300-0330	Daily	Radio Azadi (RFE/RL)	Dari	15090	250	Afghanistan
0330-0400	Daily	Voice of America	Somali	15730	250	Horn of Africa
0330-0400	Daily	Radio Azadi (RFE/RL)	Pashto	17880	250	Afghanistan
0400-0500	Daily	Voice of America	Tibetan	15255	250	Tibet & environs
				17670	250	Tibet & environs
0400-0700	Daily	Mashaal Radio (RFE/RL)	Pashto	15750	250	Afghanistan
0430-0530	Daily	Radio Azadi (RFE/RL)	Dari	17880	250	Afghanistan
0500-0600	Daily	Voice of America	Tibetan	17670	250	Tibet & environs
0530-0630	Daily	Radio Azadi (RFE/RL)	Pashto	17880	250	Afghanistan
0530-0930	Daily	Radio Farda	Persian	17690	250	Iran
0630-0730	Daily	Radio Azadi (RFE/RL)	Dari	17880	250	Afghanistan
0730-0830	Daily	Radio Azadi (RFE/RL)	Pashto	17880	250	Afghanistan
0830-0930	Daily	Radio Azadi (RFE/RL)	Dari	17880	250	Afghanistan
0900-1100	Daily	Voice of America	Chinese	11785	250	East Asia
				13755	250	East Asia
				17485	250	East Asia
0930-1030	Daily	Radio Azadi (RFE/RL)	Pashto	17880	250	Afghanistan
1000-1200	Daily	Mashaal Radio (RFE/RL)	Pashto	15365	250	Afghanistan
1030-1130	Daily	Radio Azadi (RFE/RL)	Dari	17880	250	Afghanistan
1100-1200	Daily	Voice of America	Chinese	7470	250	East Asia
1130-1230	Daily	Radio Azadi (RFE/RL)	Pashto	17880	250	Afghanistan
1200-1300	Daily	Voice of America	Chinese	11825	250	East Asia

1200-1300	Daily	Mashaal Radio (RFE/RL)	Pashto	15750	250	Afghanistan
1230-1330	Daily	Radio Azadi (RFE/RL)	Dari	17880	250	Afghanistan
1300-1400	Daily	Voice of America	Cantonese	7480	250	East Asia
1300-1400	Daily	Voice of America	Chinese	15165	250	East Asia
1300-1500	Daily	Voice of America	Korean	12045	250	East Asia
1300-1700	Daily	VOA Deewa Radio	Pashto	9310	250	Afghanistan
				12035	250	Afghanistan
1400-1600	Daily	Azattyk Radiosy (RFE/RL)	Turkmen	15255	250	Central Asia
1430-1500	Daily	VOA Radio Ashna	Pashto	7495	250	Afghanistan
				12070	250	Afghanistan
1430-1600	Daily	Voice of America	Burmese	5885	250	South-East Asia
1500-1530	Daily	Voice of America	Hausa	15460	250	West Africa
1500-1530	Daily	VOA Radio Ashna	Dari	7495	250	Afghanistan
				12070	250	Afghanistan
1530-1600	Daily	VOA Radio Ashna	Pashto	7495	250	Afghanistan
				12070	250	Afghanistan
1530-1600	Mon-Fri	Voice of America	Hausa	15460	250	West Africa
1600-1630	Daily	VOA Radio Ashna	Dari	7495	250	Afghanistan
				12070	250	Afghanistan
1600-1700	Daily	Voice of America	Tibetan	9950	250	Tibet & environs
1600-1800	Daily	Voice of America	Somali	12055	250	Horn of Africa
1630-1700	Daily	VOA Radio Ashna	Pashto	7495	250	Afghanistan
				12070	250	Afghanistan
1700-1730	Daily	VOA Radio Ashna	Dari	7495	250	Afghanistan
				12070	250	Afghanistan
1700-1800	Daily	Voice of America	Kurdish	9820	250	Middle East
1700-1900	Daily	VOA Deewa Radio	Pashto	5890	250	Afghanistan
				7540	250	Afghanistan
1730-1800	Daily	Voice of America	Burmese	5850	250	South-East Asia
1900-2100	Daily	Voice of America	Korean	5875	250	East Asia
				7365	250	East Asia
2200-2300	Daily	Voice of America	Chinese	5875	250	East Asia
2330-0000	Daily	Voice of America	Burmese	5875	250	South-East Asia
				7410	250	South-East Asia

## Uzbekistan

### International broadcasts on shortwave

#### The Center for Radio Communication, Radio Broadcasting and Television (RRTM)

RRTM is the operator of all transmitters in Uzbekistan and hires airtime to international broadcasters.

**Transmitter site:** Tashkent.

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
0000-0030	Daily	IBRA Media - Radio Ibrahim	Bengali	11590	100	South Asia
0000-0030	Daily	Adventist World Radio	Vietnamese	11640	100	South-East Asia
0000-0030	Daily	Adventist World Radio	Thai	15515	100	South-East Asia
0000-0100	Daily	Adventist World Radio	Chinese	11730	100	East Asia
0000-0200	Daily	BBC	English	9510	100	South Asia
0030-0100	Daily	Adventist World Radio	Asho Chin	15515	100	East Asia
0100-0130	Sun-Thu	Adventist World Radio	Min Nan	15515	125	East Asia
0100-0130	Fri	Adventist World Radio	Chinese	15515	125	East Asia
0100-0200	Sat	Adventist World Radio	Chinese	15515	125	East Asia
0100-1430	Daily	Afghanistan Radio International	Pashto	7600	100	Afghanistan
0130-0200	Sun-Fri	Adventist World Radio	Cantonese	15515	125	East Asia
0330-1600	Daily	Radyoya Dengê Gel	Kurdish/Turkish	11535v	100	Middle East (see below)
0330-1530	Daily	Iran International TV	Persian	15630	100	Iran
1030-1100	Daily	Adventist World Radio	Mongolian	17720	100	East Asia
1200-1230	Daily	Voice of the Martyrs	Korean	15540	100	North Korea
1200-1230	Sun-Thu	Adventist World Radio	Min Nan	15600	100	East Asia
1200-1230	Fri/Sat	Adventist World Radio	Chinese	15600	100	East Asia
1200-1230	Sat	Bible Voice Broadcasting	English	17670	100	East Asia
1200-1300	Daily	Mizzima Radio	Burmese	13825	100	Myanmar
1230-1300	Fri	Adventist World Radio	Chinese	15600	100	East Asia
1230-1300	Sat-Thu	Adventist World Radio	Cantonese	15600	100	East Asia
1230-1245	Sun	Bible Voice Broadcasting	Indonesian	17670	100	Indonesia
1300-1315	Fri	Bible Voice Broadcasting	English	9340	100	Far East
1300-1330	Mon-Wed	Bible Voice Broadcasting	English	9340	100	Far East

1300-1330	Sat/Sun	Bible Voice Broadcasting	Korean	9340	100	Far East
1300-1330	Daily	Nippon no Kaze	Korean	15475	100	Korea
1300-1330	Daily	Adventist World Radio	Hakka	15710	100	South-East Asia
1300-1400	Daily	Free North Korea Radio	Korean	11510	100	North Korea
1315-1330	Fri	Bible Voice Broadcasting	Korean	9340	100	Far East
1330-1400	Daily	Voice of Martyrs	Korean	9930	100	North Korea
1330-1400	Daily	Furusato no Kaze	Japanese	15475	100	Korea
1330-1400	Sun-Wed/Fri	Adventist World Radio	Isan	17620	100	South-East Asia
1330-1400	Thu/Sat	Adventist World Radio	Lao	17620	100	South-East Asia
1330-1400	Mon/Tue/Sat	Adventist World Radio	Indonesian	17790	100	South-East Asia
1330-1400	Wed/Sun	Adventist World Radio	Assamese	17790	100	South Asia
1330-1400	Thu/Fri	Adventist World Radio	Hmong	17790	100	South-East Asia
1400-1500	Daily	North Korea Reform Radio	Korean	7590	100	North Korea
1400-1500	Daily	Adventist World Radio	Chinese	15710	100	East Asia
1400-1530	Daily	Voice of Wilderness	Korean	9330	100	North Korea
1430-1500	Daily	Adventist World Radio	Burmese	11850	100	South-East Asia
1430-1500	Wed-Sun	FEBA India	Hindi	13660	100	South Asia
1430-1500	Daily	Furusato no Kaze	Japanese	15475	100	Korea
1500-1530	Daily	Voice of Martyrs	Chinese	7625	100	East Asia
1500-1530	Daily	Adventist World Radio	Tamil	9445	100	South Asia
1500-1530	Daily	Nippon no Kaze	Korean	9650	100	North Korea
1500-1530	Daily	IBRA Media - Radio Ibrahim	Bengali	11590	100	South Asia
0800-0900	Daily	BBC	English	21540	100	South Asia (DRM)
1530-1600	Daily	Voice of Martyrs	Korean	7530	100	North Korea
1530-1600	Daily	Nippon no Kaze	Korean	9650	100	North Korea
1530-1600	Daily	Adventist World Radio	Hindi	11955	100	South Asia
1530-1600	Daily	Adventist World Radio	Kannada	15680	100	South Asia
1530-0330	Daily	Iran International TV	Persian	5830	100	Iran
1600-2200	Daily	Radyoya Dengê Gel	Kurdish/Turkish	7455v	100	Middle East (see below)
1630-1700	Daily	Radio Ranginkaman	Persian	7610	100	Iran
1730-1800	Daily	Nippon no Kaze	Korean	9720	100	North Korea
1800-1830	Sat	Bible Voice Broadcasting	Russian	7520	100	Russia
1800-1830	Daily	Furusato no Kaze	Japanese	9720	100	North Korea
2000-2100	Daily	Free North Korea Radio	Korean	7610	100	North Korea
2000-2100	Daily	North Korea Reform Radio	Korean	7590	100	North Korea
2100-2130	Daily	Voice of the Martyrs	Korean	7540	100	North Korea
2100-2130	Daily	Voice of the Martyrs	Chinese	7625	100	China
2200-2230	Daily	Adventist World Radio	Dayak	15320	100	South-East Asia
2200-2300	Daily	Adventist World Radio	Chinese	9490	100	East Asia
2230-2300	Daily	Adventist World Radio	Javanese	15320	100	South-East Asia
2300-2330	Daily	Adventist World Radio	Khmer	9700	100	South-East Asia
2330-0000	Daily	Adventist World Radio	Lao	9700	100	South-East Asia

Radio Dengê Gel, believed to be operating from a transmitter in Tashkent, may move to an adjacent frequency within the range of 11510-11550 kHz between 0330-1600 and 7440-7460 kHz between 1600-2200 in order to avoid the Turkish jammer which shadows it.

Regarding the BBC DRM transmission at 1500-1600 on 21540 kHz, the following announcement was made by the BBC World Service: "Due to operational circumstances beyond the @bbcworldservice's control the DRM broadcasts for South Asia have been moved to 21540 kHz, 1500-1600 UTC from the 3rd May. This replaces the 15185kHz, 0800-0900 UTC transmission that has been off air since the 29th April" (@drmdigitalradio on X via Alokesh Gupta, New Delhi, WOR IOG); Chris Mackerell on WOR IOG asked "Do you know the transmitter site? Still Uzbekistan, or via UAE?"; not yet listed by HFCC as of their 2 May 2024 update, so unconfirmed at the time of editing.

## Vietnam

### Voice of Vietnam

The Voice of Vietnam (also known as "Radio the Voice of Vietnam") is the Vietnamese national radio broadcaster. Directly controlled by the government of Vietnam, it is tasked with "propagating the views, policies of the Party and the laws of the state."

The following domestic services may broadcast on shortwave at present (but see comments below):

### Voice of Vietnam - 1st National Programme

VOV-1 broadcasts news, current affairs and music programmes.

### Voice of Vietnam - 2nd National Programme

VOV-2 broadcasts economic, social, cultural and educational programmes.



### **Voice of Vietnam - 4th National Programme for Ethnic Minorities**

VOV-4 broadcasts in 11 ethnic languages and is available on MW, SW and FM in five regional versions (Northwestern, Central, Central Highlands, Ho Chi Minh City, Mekong Delta) each for 12 hours a day.

The following VOV domestic service registrations have been made with the HFCC for A24 (the service details have been added using Shiganori Aoki's data). This information is by no means an indication that all transmitters are on air at the times stated, or even on air at all. Monitoring is currently being conducted to try and establish the correct schedule for the remaining VOV domestic services on shortwave and the results will appear here shortly:

<b>kHz</b>	<b>Transmitter location</b>	<b>kW</b>	<b>Service</b>	<b>Times/UTC (as per HFCC)</b>
5925	Xuan Mai, Lang Son Province	50	VOV-1	2145-0100, 0300-0600, 1100-1500
5975	Me Tri, Hanoi	50	VOV-1	2145-0100, 0400-0600, 1100-1500
6020	Buon Ma Thuot, Dac Lac Province	20	VOV-4	2200-1530
6165	Xuan Mai, Lang Son Province	50	VOV-4	2150-2300 0130-0200, 1230-1400
7210	Buon Ma Thuot, Dac Lac Province	20	VOV-1	2145-1700
7435	Son Tay, Hanoi	100	VOV-1	2145-1700
9635	Son Tay, Hanoi	100	VOV-1	24 hours
9850	Xuan Mai, Lang Son Province	50	VOV-4	0400-0530
11720	Son Tay, Hanoi	100	VOV-4	1030-1330
11720	Xuan Mai, Lang Son Province	50	VOV-1	2145-1030, 1330-1700

Monitoring during May 2023 of four VOV domestic channels has established the following:

<b>kHz</b>	<b>Notes</b>
5925	Voice of Vietnam 2 // MW 549 kHz; sign-on noted at 2145 and sign-off possibly at 1500; unsure of any transmission gaps in between as HFCC registration indicates.
6165	Voice of Vietnam 4 in ethnic languages; morning sign-on noted at 2145; evening sign-on noted at 1145 and sign-off at 1330; unsure of exact duration of transmissions.
9635	Voice of Vietnam 4 in ethnic languages (perhaps the service for the Central Highlands); sign-on noted at 2200 and sign-off at 1530; unsure of any breaks in-between.
11760	Voice of Vietnam 1 // MW 675 kHz; sign-on at 2145 and sign-off at 1658; unsure of any breaks in-between.

### **International broadcasts on shortwave**

#### **Voice of Vietnam External Service (VOV-5)**

VOV-5 (VOV World) is for Vietnamese nationals residing overseas and foreigners around the world.

The transmitter site is at Son Tay, Hanoi.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Target area</b>
1000-1030	Daily	English	9840	100	South-East Asia
1030-1100	Daily	Khmer	7285	100	South-East Asia
1030-1100	Daily	Indonesian	9840	100	South-East Asia
			12020	100	South-East Asia
1100-1130	Daily	Chinese	7220	100	East Asia
1100-1130	Daily	Japanese	9840	100	East Asia
			12020	100	East Asia
1100-1200	Daily	Lao	7285	100	South-East Asia
1130-1200	Daily	English	9840	100	East Asia
			12020	100	East Asia
1200-1230	Daily	Chinese	7220	100	East Asia
1200-1230	Daily	French	7285	100	South-East Asia
1200-1230	Daily	Japanese	9840	100	East Asia
			12020	100	East Asia
1230-1300	Daily	English	9840	100	South-East Asia
1230-1300	Daily	Thai	7285	100	South-East Asia
1300-1330	Daily	Chinese	7220	100	East Asia
1300-1330	Daily	French	7285	100	South-East Asia
1300-1330	Daily	Indonesian	9840	100	South-East Asia
			12020	100	South-East Asia
1330-1400	Daily	English	9840	100	East Asia
			12020	100	South-East Asia
1400-1430	Daily	Japanese	9840	100	East Asia
			12020	100	East Asia
1430-1500	Daily	Indonesian	9840	100	South-East Asia
			12020	100	South-East Asia
1500-1530	Daily	English	9840	100	South-East Asia
1500-1600	Daily	Vietnamese	7220	100	North Africa, Middle East
1600-1630	Daily	English	7220	100	Middle East, North Africa
			9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa

1630-1700	Daily	French	7220	100	Middle East, North Africa
1630-1700	Daily	Russian	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
1700-1800	Daily	Vietnamese	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
1800-1830	Daily	Spanish	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
1830-1900	Daily	German	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
1900-1930	Daily	English	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
1930-2000	Daily	French	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
2000-2030	Daily	German	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
2030-2100	Daily	English	7220	100	North Africa, Middle East
2030-2100	Daily	French	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
2100-2130	Daily	French	7220	100	Europe, Middle East, North Africa
2100-2130	Daily	Spanish	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
2130-2200	Daily	English	9730	100	Europe, Middle East, North Africa
			11885	100	Europe, Middle East, North Africa
2200-2230	Daily	Chinese	7220	100	East Asia
2300-2330	Daily	Indonesian	9840	100	South-East Asia
			12020	100	South-East Asia
2330-0000	Daily	English	9840	100	South-East Asia

Schedule subject to confirmation; some frequencies/transmissions have been observed as missing on occasions.

### **Target broadcasts to Vietnam**

#### **Radio Đáp Lời Sông Núi**

Radio ĐLSN (Vietnam Democracy Radio) is operated by the Foundation for Democracy in Vietnam, based in California.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1230-1300	Daily	Vietnamese	9670	Paochung, Taiwan	100

### **Jamming of broadcasts in Vietnamese**

The following broadcasts have had siren-type jamming against them in the past, although this may have been dropped:

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1100-1200	Daily	FEBC	Vietnamese	9795	Iba, Philippines	100
1230-1300	Daily	Radio ĐLSN	Vietnamese	9670	Paochung, Taiwan	100

