

# Domestic Broadcasting Survey

21<sup>st</sup> Edition, April 2019  
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**Edited  
by Anker Petersen**



**Guadeloupe folklore group Gwo Ka**

**(Photo taken by the Editor)**

# Domestic Broadcasting Survey April 2019

21<sup>st</sup> Edition

(including Tropical Bands Survey 47<sup>th</sup> Edition).

An exclusive publication from the former

**Danish ShortWave Club International**

DENMARK

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

Compiled by Anker Petersen, 6<sup>th</sup> April, 2019. © Copyright.

After the dissolution in December 2016 of the 60 years old DSWCI, I decided to continue editing this annual, completely updated Domestic Broadcasting Survey (DBS) covering the whole shortwave spectrum, including the tropical bands. **Part 1** (page 3) is also the 47<sup>th</sup> annual edition of the Tropical Bands Survey (TBS) covering all active broadcasting stations in the range 2300-5700 kHz. **Part 2** (page 6) covers the Domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience.

This survey is based upon many official sources and DX-bulletins. In order to make the DBS reliable, each station frequency has been confirmed on the air by monitors around the world, including the use of remote KiwiSDR receivers. Depending on this worldwide monitoring effort throughout the period April 2018 – March 2019, each entry is classified in the left column using the following codes for their appearance on the particular frequencies:

A: Regular.                      B: Irregular.                      C: Sporadic.                      D: Likely inactive.

Special Events (SE), like national days and cricket test matches of All India Radio, are also included. To make this DBS up-to-date and user-friendly, frequencies which have not been reported heard during the past year are deleted and moved to **Part 3** (after page 13). Active Clandestine stations are only included in **Part 1**. DRM transmissions and pirate broadcasts are not included.

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

Thank you very much to all DX-ers who have provided valuable assistance to me to make this publication possible! The shortwave broadcasting scene is changing every day and your updates are always welcome to the editor by e-mail: [anker.petersen@mail.dk](mailto:anker.petersen@mail.dk). **If you wish me to continue editing the DBS, please confirm this to me by e-mail.**

## ABBREVIATIONS USED:

A: Arabic	F.Pl.: Future Plans	nx: news	SE: Special Events
alt: alternative	fq: frequency	occ: occasional(ly)	sl: slogan(s)
C: Chinese (Mandarin)	FS: Foreign Service	P: Portuguese	SS: Saturday/Sunday
ck: check	G: German	PBS: People's Brc. Station	tx: transmitter
CLA: Clandestine	h: hours	px: programme(ing)	v: variable
d: drifts, drifting	HS: Home Service	r: reported	vn: vernacular(s)
D: Daily	incl: including	R: Radio	W: Weekday: Mo-Sa
DST: Daylight Saving Time	Int: International	Reg: Regional	//: parallel frequency
E: English	irr: irregular	rlg: religious	*: sign on & sign off
ex: formerly	MF: Monday-Friday	Ru: Russian	
exc.: except	n: nominal frequency	S: Spanish	Beijing 1: Matoucun transmitter
F: French	Nat: National	Sec: Service	Beijing 2: Shuang Qiao transmitter

Brazilian states and territories are abbreviated as in the World Radio TV Handbook.

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

Times are in UTC. Thus "□ 0300-0400" means that it is broadcast at 0300-0400 UTC during local winter, but at 0200-0300 UTC during local summer. The shift to DST is done on the last Sunday in March in most countries in Europe and Asia and back to normal time on the last Sunday in October. For countries on the southern hemisphere the months of local Summer are different and marked in the DBS like [□Nov-Feb] for stations in southern Brazil. Chinese stations first shift between winter- and summer schedules around May 01 and Nov. 10.

Muslim stations often have extended schedules during the holy month of Ramadan.

Days of the week are abbreviated with the first two letters and they refer to local time rather than UTC. Months of the year are abbreviated by their first three letters.    Powers are in kiloWatts.    ? means that the power seems to be reduced.

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

AFS: Rep. South Africa	CHN: China, P.R.	INS: Indonesia	S: Sweden
AGL: Angola	CLA: Clandestine	J: Japan	SDN: Sudan
ARM: Armenia	CLM: Colombia	KGZ: Kyrgyzstan	SLM: Solomon Islands
ARS: Saudi Arabia	COD: Dem. Rep. of Congo	KRE: Korea (D.P.R.)	SNG: Singapore
ATA: Antarctica(*)	COG: Congo Rep.	LAO: Laos	SOM: Somalia
AUS: Australia (*)	CUB: Cuba (*)	LBR: Liberia	STP: São Tomé
AUT: Austria (*)	D: Germany (*)	MDG: Madagascar	SUR: Suriname
AZE: Azerbaijan (*)	DNK: Denmark (*)	MEX: México (*)	SWZ: Swaziland (=Eswatini)
B: Brazil (*03/11-16/2)	EQA: Ecuador	MLA: Malaysia	TJK: Tajikistan
BGD: Bangladesh	ETH: Ethiopia	MLI: Mali	TZA: Tanzania
BHR: Bahrain	FIN: Finland (*)	MMR: Myanmar (Burma)	USA: United States of
BOL: Bolivia	G: United Kingdom(*)	MNG: Mongolia (*)	America (*)
BOT: Botswana	GNE: Equatorial Guinea	NOR: Norway (*)	VTN: Vietnam
BTN: Bhutan	GTM: Guatemala	PNG: Papua New Guinea	VUT: Vanuatu
CAN: Canada (*)	IND: India	PRU: Peru	ZMB: Zambia
CHL: Chile			

### DBS-21 Part 1 April 2019 (Tropical Bands Survey, 47<sup>th</sup> Edition)

At [www.dswci.org/tbm](http://www.dswci.org/tbm) you can follow the activity of each station during 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017 and 2018 on my Tropical Bands Monitor.

Code	kHz	kW	ITU	Station	Schedule (UTC), remarks	Last log
A	2850	50	KRE	Korean Central Broadcasting Station (KCBS), Pyongyang	2000-1757 Korean // 3220 6100 9665 11680; ID:"Joson Jung-ang Pangsong-immnida"	MAR19
C	3185	100	USA	WWRB, Morrison, Tennessee	□ FS: Su-Mo 0200-0500 E rlg, ck 3215 5050	MAR19
B	3200	50	SWZ	TWR, Mpangela Ranch	FS: MF 0430-0500 E rlg, ck 4775	MAR19
A	3215	100	USA	WWCR, Nashville, Tennessee	□ FS: 0200-0500 (Su -0600) E rlg, ck 4840	MAR19
C	3215	100	USA	WWRB, Morrison, Tennessee	□ FS: SS 2300-2400, Su-Mo 0000-0200 E rlg, ck 3185 5050	JAN19
B	3220	5	KRE	KCBS, Hamhung	2000-1757 (incl. Reg. See W 0530-0630) Korean, ck 2850(ID), local ID: "Hamhung Pangsong-immnida"	MAR19
A	3240	50	SWZ	TWR, Mpangela Ranch	FS: 0255-0325 Shona, 0325-0340 Ndau	MAR19
B	3260	4	PNG	NBC Madang, Madang	Kundu (Provincial) Service: 0700-1200v Tok Pisin, ID: "Karai bilong Garamut", 0950-1000 1200-1205 E nx	FEB19
C	3265	50	USA	WBCQ, Monticello, Maine	Testing r 2020-0200 E, d – 3264,6, ck 5130	MAR19
A	3310	10	BOL	R Mosoj Chaski, Cotapachi, Quillacollo, Cochabamba	0900v-1300 2100v-0100v (SS-0130) mostly Quechua, but also S ID: "Mosoj Chaski Radio"	MAR19
B	3320	50	KRE	Pyongyang Broadcasting Station (PBS), Pyongyang	FS: 2100-1900 Korean, ID: "Pyongyang Pangsong – Imnida"	MAR19
A	3325	10	INS	RRI Palangkaraya, Propinsi Kalimantan Tengah	RRI Cabang Muda: 2200-0100 0900-1000 Bahasa Indonesia. Voice of Indonesia 1000-2200 to SE Asia in 9 languages	MAR19
A	3325	5	PNG	NBC Bougainville, Kubu, Buka Island	Kundu (Provincial) Service: 0730-1200v Tok Pisin, ID: "Maus bilong Sankamap". NBC E nx 1000, ID: „N-B-C Bougainville“	MAR19
C	3344,9	10	INS	RRI Ternate, Pro. Maluku Utara	RRI Cabang Muda: 2000 (Ramadan 1800)-1500v Bahasa Indonesia	DEC18
C	3365	1	B	R Cultura, Araraquara, SP	[□Nov-Feb] 2030-0300 P, only during local sports events, ID: "Cultura"	AUG18
C	3375	3,5	B	R Municipal, São Gabriel da Cachoeira, AM	0700-1200 2200-0200 P, ID: "Rádio Municipal, São Gabriel da Cachoeira"	FEB19
A	3480	50	CLA	Voice of the People,via Goyang, South Korea	0500-2300 Korean to KRE, ID: "Inmin-e sori pangsong-immnida", // 3910 3930 4450 6520 6600. Operated by the Korean Armed Forces	MAR19
B	3900	10	CHN	Hulun Buir PBS, Hailar, Nei Menggu	2130-0700 (Tu-0210) 0900-1600 C, ck 6080	MAR19
A	3910	50	CLA	Voice of the People,via Goyang, South Korea	0500-2300 Korean to KRE // 3480(ID) 3930 4450 6520 6600	MAR19
A	3915	100	SNG	BBC, via Kranji	2200-2400 E // 5960	MAR19
C	3920	5	KRE	KCBS, Hyesan	2000-1800 Korean // 2850 3220 9665	SEP18
B	3925	10	J	R Nikkei, Nemuro	HS 1: 2200-2300 0800-1500 Japanese, ID: "Nikkei Radio" // 6055	MAR19
A	3930	50	CLA	Voice of the People,via Goyang, South Korea	0500-2300 Korean to KRE // 3480(ID) 3910 4450 6520 6600	MAR19

B	3945	100	CLA	Echo of Unification, via Chongjin, North Korea	0400-0600 1200-1400 2200-2400 Korean to South Korea, ID: "Yeogineun Tong-il-e Meari Pangsong-immida" // 6250	MAR19
B	3945	10	J	R Nikkei, Nagara, Chiba, Tokyo	HS 2: 1000-1400 Japanese // 6115, ck 3925 (ID)	MAR19
A	3950	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-May: 2300v-0230 1205-1800 C, ID: "Xinjiang renmin kwangpo dientai", E ID: "China Xinjiang People's Radio Station" // 5060 5960; (=7260)	MAR19
A	3955	250	G	R Korea Int., via Woofferton	FS: 2000-2100 G, Nov-Mar: also 2100-2200 F. Broker: Babcock	MAR19
A	3975	1	D	Shortwaveradio, Winsen	□ 0800-2300 E, ID: "Shortwaveradio to Europe" // 6160	MAR19
B	3985	100	CHN	China Business R (= Jingji shi Sheng) (= China National R 2), Golmud, Qinghai	0900(Apr-Oct 1200)-1605 C // 6090 7425, ID: "Zhongyang Renmin Guangbo Diantai, Jingji zhi Sheng), China Business Radio, Your Radio", (= 6190 7220)	MAR19
B	3985	50	CLA	R Echo of Hope, via Gyeonggi-do, South Korea	0700-0100 Korean to KRE // 4885 5995 6350, ID: "Huimang-e Meari Pangsong-immida". Singing slogan: "V-O-H" for Voice of Hope. Operated by the National Intelligence Service. Jammed	MAR19
A	3985	1	D	Shortwaveservice, Kall-Krekel, Euskirchen	□1600-2230 G, incl. relays in many languages from various stations; ck 6005 7310	MAR19
A	3990	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-May: 2300v-0300 1200-1800 Uighur // 4980 6120 7205, ID: "Sinkiang khalk radyo stanshi", (= 7275), incl. 0000-0030 // CNR 13	MAR19
B	3990	15	CHN	Gannan PBS, Tianshui, Hezou	Tibetan Sc: 2250v-0100 0420-0630 1020-1415 (Apr-Oct: 2220-0100 0950-1400) Tibetan/C // 5970, incl. CNR 11 1300-1400 // 6010 7350	MAR19
A	3995	1,5	D	HCJB, via Weenermoor	□ FS: 0400-0500 Ru, 0500-2300 G, exc. 1700-1730 and 2000-2030 Low G, 2300-0400 LifeFM in E, ck 5920 7365, irregular at night	MAR19
A	4010,2	100	KGZ	Birinchi R (=First R), Krasnaya Rechka (= Red River), Bishkek	0000-1800 Kyrgyz/Ru, ID: "Birinchi radio", MF 1600-1606 BBC nx in E	MAR19
A	4055	0,7	GTM	R Verdad, San Esteban, Chiquimula	0910-0600v S/E rlg, E: 0300-0400, 0500-0600	MAR19
C	4410	0,5	BOL	R Eco, Reyes, Bení, Ballivián	2230-0200v S/Vn – reactivated	JUN18
A	4450	50	CLA	Voice of the People, via Goyang, South Korea	0500-2300 Korean to KRE // 3480(ID) 3910 3930 6520 6600, jammed	MAR19
A	4500	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-Apr: 2300v-0330 1210-1800 Mongolian // 6190, ID: "Sinkiang ardyn radyo nibtrelhi"; (= 7230)	MAR19
A	4747,4	0,5	PRU	R Huanta 2000, Huanta, Ayacucho	1130v-1325v 2200-0100v S/Quechua	MAR19
A	4750	100	BGD	Bangladesh Betar, Shavar, Dhaka	0600-1230 HS: Bengali, exc. 1100-1115 E nx; 1230-2000 FS to S.As	MAR19
B	4750	10	CHN	Voice of China, Hailar, Nei Menggu	2025-1805 C, ID: "Zhongyang Renmin Guangbo Diantai, Zhongguo zhi Sheng" and "Zhongguo zhi Sheng Guangbo Diantai" // 4800	MAR19
B	4760	8	IND	AIR Port Blair, Brookshabad, Andaman & Nicobar Islands	Southern Sc: 2355-0300 1030-1700(SS -1730) (SE: 2315-0300 1030-1830) E/Hindi/ Sanskrit/Nicobarese/Telegu/ Bengali/Tamil/Malayalam, E nx 0035 1230 1530. S/on with Vande Mataram hymn, Hindi ID: "Yeh Akashvani Port Blair-he" (Akashvani = The voice from the sky), (= 7390). Instable tx	FEB19
B	4760	50	SWZ	TWR, Mpangela Ranch	FS: Tu 1630-1645 Shangaan, Sa 1630-1645 P	FEB19
A	4765	50	CUB	R Progreso, Bejucal	□ 0030-0400 S, ID: "Radio Progreso, Cadena Nacional"	MAR19
A	4765	50	TJK	Tajik R 1, Yangiyul, Dushanbe	2300-0300 0330-0900 1000-2000 Tajik, ID: "Radioi Tojikiston", 0300-0330 0900-0930 Ru, 0930-1000 Uzbek; d-4765,06	MAR19
B	4774,8	1	B	R Congonhas, Congonhas, MG	[□ Nov-Feb] 0800-0100v P. Usually with Evangelical px	MAR19
A	4774,9	2	PRU	R Tarma, Tarma, Junín	1000(Su 1100)-1400 2000-0200(Su -2300) S, ID: "Radio Tarma la primerisima"	MAR19
B	4775	50	SWZ	TWR, Mpangela Ranch	FS: MF 0430-0500, D 0500-0700 E	MAR19
A	4800	100	CHN	Voice of China, Golmud, Qinghai	2025-1805 C // 4750(ID) 6080 6125 7215 7230 11710	MAR19
A	4800	50	IND	AIR Hyderabad, Telengana	Southern Sc: 0020-0215 1130-1744v, (SE: 2315-0430 1130-2000v) E/Hindi/Telegu/Urdu/Sanskrit, E nx 0035 1230 1530 1730, ID: „Yeh Akashvani Hyderabad", (= 7420)	MAR19
C	4805	5	B	R Difusora do Amazonas, Manaus, AM	0930v(SS 0900)-1300(Su-1400), MF 1445-1800 2045-0100v, SS 1800-0100 P, ID: "Difusora AM", 10 kW daytime	JAN19
A	4810	50	IND	AIR Bhopal, Madhya Pradesh	Western Sc: 0025-0215 1130-1740 (SE: 2225-0300 1030-1830) E/ Hindi/Urdu/Sanskrit, E nx 1530 1730, (= 7430)	MAR19
C	4810	1	PRU	R Logos, Chazuta, Tarapoto	0900-1200v 2100-2300v S/12 Vn, incl. Shuar. Sponsored by HCJB	DEC18
A	4820	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1800 exc. Tu 0600-1000 C // 5935, 6050 7240 7450 11860 11950, ID: "Xizang Renmin Guangbo Diantai". Relays Voice of China: 2230-2300 0000-0030 1030-1100. Maintenance in May	MAR19
C	4820	15	KGZ	Kyrgyz Radiosu(2 px), Krasnaya Rechka, Bishkek	0000-1230 Kyrgyz // 4010	SEP18
D	4830	10	MNG	Mongolian R, Altai	HS 3: 2300-1500 Mongolian, Buryat, Kazakh, Tuvan // 4895 7260	MAY18
B	4835	0,1	AUS	OZY R, Mount Razorback, NSW	1400-2000 E, ex 5045. Tx problems	SEP18

B	4835	10	IND	AIR Gangtok, Sikkim	North Eastern Sce: 0100-0500 1030-1700v Nepali, exc. 1030-1100 and Fr 1430 Hindi, 1100-1130 Lepcha, 1130-1200 Limboo, 1200-1230 Sikkimese, Sa 1430 E, 1530 E nx. Tx problems with hum noise	FEB19
A	4840	100	USA	WWCR, Nashville, TN	☐ FS: 0100-1300 E rlg	MAR19
B	4845	10	B	R Cultura, Manaus, AM	1000v-0200v P	MAR19
A	4850	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-May: 2300-0325 1155-1800 Kazakh // 6015, ID: "Sinkiang khale radyo stanshata", incl. CNR 17: 1600-1700, (= 7340)	MAR19
A	4862,2	5	B	R Alvorada, Londrina, PR	☐ Oct-Feb] 24 h P, Catholic networks: Rede Mariana de Evangelizaçao, n 4865, d 4861-4864	MAR19
B	4870	100	CLA	R Sedayee Kashmir, Kingsway	0230-0310 1430-1510 Kashmiri, 0310-0330 1510-1530 Dogri // 6030	DEC18
B	4870	100	IND	AIR Delhi, Kingsway	FS: 1330-1430 Nepali // 7555 11620	NOV18
B	4875,2	10	B	R Dif. Roraima, Boa Vista, RR	0800-0400 P, ID: "Rádio Roraima", n 4875	NOV18
A	4885	10	B	R Clube do Pará, Belém, PA	24 h P, ID: "Rádio Clube de Belém do Pará", "Rádio Clube"	MAR19
B	4885	5	B	R Dif. Acreana, Rio Branco, AC	0900v-0400v P	MAR19
B	4885	50	CLA	R Echo of Hope, via Taereung, Seoul, South Korea	0700-0100 Korean, ck 3985(ID) 5995 6250	MAR19
C	4895	5	B	R Novo Tempo, Cp. Grande, MS	☐ Nov-Feb] 24 h P rlg, ID: "Rádio Novo Tempo, a voz da esperança"	OCT18
C	4895	50	IND	AIR Kurseong, Paschim Banga	Eastern Sce: 0055-0400(SS-0430) 1130-1700(SS-1741) (SE: 2230-0400 1045-1830) Nepali/E/Hindi/Bengali/Tibetan/Bhutanese, E nx 0245 1230 1450 (Newsreel) 1530 1730. Relays AIR Kolkata. Extended px during Ramadan, (= 7230)	MAR19
C	4895	10	MNG	Mongolian R, Mörön	HS 3: 2300-1500v Mongolian, Buryat, Kazakh, Tuva // 4830 7260	JAN19
A	4900	50	CHN	Voice of the Strait, Fuzhou	0955-1600 Amoy, ck 6115	MAR19
B	4905	5	B	R Relógio Federal, São Gonçalo, RJ	☐ Nov-Feb] 0730-0300v P rlg from Igreja Internacional da Graça de Deus with time checks in background, ID: "Rádio Relogio"	MAR19
A	4905	50	CHN	Xizang PBS, Lhasa, Tibet	2050-1805 (exc. Tu 0600-1000) Tibetan, exc. 0700-0800 1600-1700 E, // 4920 6110 6130 7385 9580. E ID: "This is Holy Tibet, China Tibet People's Broadcasting Company". Maintenance in May	MAR19
A	4910	50	IND	AIR Jaipur, Rajasthan	Northern Sce: 0025-0430 1130-1740 (SE: 2315-0400 1045-1830) E/Hindi/Rajasthani/Sindhi, E nx 0245 1530 1730, (= 7325)	MAR19
A	4920	50	CHN	Xizang PBS, Lhasa, Tibet	2050-1805 Tibetan, exc. E // 4905 (ID) 6130 7385. Maintenance in May	MAR19
A	4920	50	IND	AIR Chennai, Tamil Nadu	Southern Sce: 0015-0245 1200-1740v (SE: 2258-0300 1045-1900) E/Hindi/Tamil, E nx 0035 1230 1530 1730; (=7380)	MAR19
C	4920,8	1	PRU	R La Voz del Pueblo, Santiago de Chuco, La Libertad	24 h S, Andean music	NOV18
A	4925	5	B	R Educação Rural, Tefé, AM	1000v-1600 2000-0200v P/Vn Evangelical px	MAR19
A	4930	100	BOT	VOA, via Moepeng Hill	FS: 0300-0700 1400-1700 1900-2100 E, 1700-1900 Shona/Ndebele	MAR19
A	4940	50	CHN	Voice of the Strait, Fuzhou, Fujian	Ch 1: News Channel: 1200(Apr-Oct 1300)-1600 C, ID: "Shenzhou zhi Sheng Guangbo Diantai", exc. Su 1500-1525 E, ID: "This is Voice of Taiwan Strait News Radio", (= 9505), r *0940v	MAR19
A	4949,7	25	AGL	R Nacional de Angola, Mulenvos, Luanda	Canal A: 24 h P, Night Px: "Boa Noite, Angola!", n 4950	MAR19
B	4950	50	IND	R Kashmir, Srinagar, Jammu and Kashmir	Northern Sce: 0025v-0215v 1130-1740v (SE:2315-0430 0945-1830) E/Hindi/Urdu/Kashmiri/Sanskrit, E nx 1230 1530 1730; 0125 Sanskrit nx, 0130 Hindi nx; during Ramadan also 2115v-2215v. ID: "Radio Kashmir, Srinagar", (= 6110). Part of AIR Network	MAR19
A	4955	5	PRU	R Cultural Amauta, Huanta, Ayacucho	1000-1400 2100-0100v S/Quechua rlg, S ID: "Usted está escuchando CVC La Voz en radio Huanta 2000", "Desde la ciudad de Huanta, en la Cordillera de los Andes, esta es Radio Cultural Amauta"	MAR19
A	4960	100	STP	VOA via Pinheira	FS: 0400-0500, SS 2000-2100 E, 0500-0530 0700-0730, MF 2030-2100 Hausa, 0530-0630 F. Opening with "Yankee Doodle"	MAR19
C	4965	5	B	R Alvorada, Parintins, AM	2200-0200v P rlg	FEB19
A	4965	100	ZMB	Voice of Hope, Makeni Ranch, Lusaka	FS: MF 1600-1900 E to Southern Africa // 6065, ID: "From Zambia this is The Voice of Hope Africa"	MAR19
C	4970	50	IND	AIR Shillong, Mawgrong, Meghalaya	North Eastern Sce: 0025-0400 1057-1741 (SE: 2315-0430 1045-1830) E/Hindi/ Mizo/Garo/Khasi/Jaintia, E nx 0035 0245 0300 (Shillong) 1135 1230 1530, ID: "This service is coming to you from the North Eastern Service of All India Radio, Shillong", (= 7315). Low modulat.	NOV18
A	4980	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-May: 2300-0300 1135-1800 Uighur // 3990(ID) 6120 7205, (= 11885), incl. 0000-0030 // CNR 13	MAR19
B	4980	100	USA	WRMI, Okeechobee, FL	2100-2400 E, relaying Supreme Master TV, ex 9455	FEB19
A	4985	10	B	R Brasil Central, Goiânia, GO	☐ Nov-Feb] 24 h P // 11815, "A Voz do Brasil", poor modulation	MAR19
C	4990	1	SUR	R Apintie, Paramaribo	24 h Dutch exc W 1900-2100, Su 1800-1930: Sarnami Hindi/Javanese	MAR19
A	5005	50	GNE	R Nacional Guinea Ecuatorial, Bata	0500v-1700v S/Bubi/Fang, ID: "Radio Bata", "Radio Nacional Guinea Ecuatorial"	MAR19
C	5005	15	NPL	R Nepal, Khumaltar	Tests r 0815-1115 Nepali, ID: "Yo Nepal Ho". F. Pl.: 100 kW	FEB19

A	5010	50	IND	AIR Thiruvananthapuram, Muttathura, Kerala	Southern Sce: 0020-0215 1130-1740 (SE: 2315-0400 1045-1830) E/Hindi/Malayalam/Sanskrit/Tamil, Hindi ID: "Akashvani Thiruvananthapuram", E nx 0035 1230 1530 1730, (= 7290)	MAR19
B	5010	100	MDG	R Nasionaly Malagasy, Ambohidrano	HS 1: 0256v-0500 1500-1900v F/Malagasy, (= 6135); unstable tx, d 5007,7-5013,6	MAR19
A	5010	100	USA	R Miami Int., Okeechobee, FL	0000-0130v 1100-1230 2200-2300 E/S to Central America	FEB19
A	5020	10	SLM	SIBC, Honiara, Guadalcanal	1900-2200 0500v-1200 E/Tok Pisin, sl: "Radio Happy Isles", relays Wantok FM; strong carrier, but weak audio	MAR19
A	5025	100	CUB	R Rebelde, Bauta	FS to N Am: □ 24 h S, ID: "Radio Rebelde, la emisora de la revolución cubana", tx problems	MAR19
B	5025	5	PRU	R Quillabamba, Quillabamba, Cusco	0957-0200v S/Quechua rlg, S ID: "El noticiero estelar a través de Radio Quillabamba, el centro de comunicación social del valle de la Convención"	FEB19
B	5035	10	B	R Aparecida, Aparecida, SP	[□ Nov-Feb] 24 h P rlg, // 6135 9630 11855	FEB19
B	5035	5	B	R Educação Rural, Coari, AM	0930-0100 P, r // R Caori 560 MW, 2200 "A Voz do Brasil"	MAR19
A	5040	100	CUB	R Habana Cuba, Bauta	□ FS: 2200v-0600v S/E/F/Creole	MAR19
A	5040	50	IND	AIR Jeypore, Odisha	Eastern Sce: 0025-0436 0700-0915 1130-1740 (SE: 2315-0435 1045-1830) E/Hindi/Odia/Sanskrit, E nx 0245 1230 1430 1530 1730	MAR19
C	5045	0,1	AUS	Unique R, Gunnedah, NSW	r 0730-1300 E, relays Hobart R, Tasmania	FEB19
B	5050	15	CHN	Beibu Bay R, Nanning, Guangxi	FS: 1000-1100 C, ID: "Bei-bu Wan zhi sheng", 1100-1200 1400-1500 Vietnamese, 0000-0100 1200-1300 Thai, 1300-1400 Cantonese, 1500-1600 2300-2400 Multilingual incl. E nx 1515-1520, E ID: "This is Beibu Bay Radio, the Voice of Guangxi, China", "BBR", // 9820	MAR19
C	5050	10	IND	AIR Aizawl, Mizoram	North Eastern Sce: 0028-0400 1130-1630 (SE: 2315-0430 1045-1830) E/Hindi/Mizo, E nx 0035 0300(Shillong) 0335 1135 1230 1430 1530, (= 7295), sporadic	SEP18
B	5050	100	USA	WWRB, Morrison, Tennessee	□ FS: Sa-Mo 0000-0400v E rlg, best in USB; ck 3185 3215	NOV18
A	5055	1	AUS	4KZ, Innisfail, North Queensland	Relays 4KZ on 531 kHz 0600-1150v E	MAR19
A	5060	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	Nov-May: 2300v-0300 1200-1800 C // 3950(ID) 5960 (= 11770)	MAR19
A	5085	100	USA	WTWW, Lebanon, TN	□ 0000-1100 (Mar-Oct: 0000-1400) E rlg	MAR19
B	5130	15	KGZ	SW Relay Sce, Krasnaya Rechka, Bishkek	1500-1800 Farsi/Dari/Pashto rlg	MAR19
A	5130	50	USA	WBCQ, Monticello, Maine	□ FS: 0000-0500 E rlg, d-5129,4-5130,4	MAR19
B	5580,3	0,25	BOL	R San José, S. José de Chiquitos	1100-1700 2100v-0200v S catholic px	FEB19

## DBS-21 Part 2 April 2019 (Domestic stations on international bands)

Code	kHz	kW	ITU	Station	Schedule (UTC), remarks	Last log
B	5825	0,5	CHL	R Triunfal Evangelica, Talagante	2200-2400 S rlg	FEB19
B	5825	0,15	DNK	OZ-Viola, Hillerød	r tests SS 1300-1600 2000-2315 E/Danish, ID: "You are listening to Radio OZ-Viola from Denmark"	MAR19
B	5840	0,1	DNK	World Music R, Randers	24 h in several languages	MAR19
C	5895	0,05	NOR	R Northern Star, Erdal, Bergen	1400-0005 Norwegian/E rlg	FEB19
A	5905	10	D	Deutscher Wetterdienst, Pinneberg	□ 0600-0630 1200-1230 1600-1630 2000-2030 G weather for seamen // 6180	MAR19
D	5910	5	CLM	Alcaraván R, Puerto Lleras, Meta	2300-1000 S rlg, ID: "1530 AM 5910 de onda corta desde Colombia Alcaraván Radio". Off since AUG18	JUL18
B	5915	50	MMR	Myanma R, Naypyidaw	Minorities px: 2300-1700 in Kachin, Shan, Palan Chin, Mindat Chin, Rakhine, Wa and Kokang	MAR19
A	5915	100	ZMB	ZNBC, R Zambia, Lusaka	HS1:0245-2200 E/Bemba/Nyanja/Lozi/Tonga/Kaonde/Lunda/Luvale	MAR19
A	5920	1,5	D	HCJB, Weenermoor	0400-0500 Ru, 0700-2300 G // 3995 7365	MAR19
B	5925	100	CHN	Voice of Zhonghua (= China National R 5), Beijing 2	2055-2400 1000-1705 C/Amoy to Taiwan // 9665, C ID: "Zhonghua zhi Sheng" (= Voice of China), (= 9685)	MAR19
A	5935	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1800 C // 4820(ID + relays) 6050 7240 11860 11950	MAR19
A	5939,7	10	B	Voz Missionaria, Camboriú, SC	[□ Nov-Feb] 24h P rlg // 9665	MAR19
D	5940	50	ETH	Ethiopian Somali Regional State R, Jigjiga	0400-0600 1300-1500 1800-2000v Somali, ID: "Halkan waa raadiyaha dowlad deegaanka somalida ethiopia"	JUL18
B	5945	100	CHN	Voice of China, Beijing 1	2025-0100 (Apr-Oct -2300 1300-) 1000-1805 C // 4750 (ID) 4800, (= 15480)	MAR19
A	5950	100	ETH	Voice of the Tigray Revolution, Addis Ababa	0255-0900 1500-2000(SS -1730) Tigrinya (87%)/ Afar. Tigrinyan ID: "Dimtsi Woyane Tigray"	MAR19

A	5952,5	5	BOL	R Pío XII, Siglo XX, Llallagua, Potosi	1000v-1400 2100-0100 0200-0230 S/Quechua, 0100-0200 Aymara , ID: "Transmite Radio Pio Doce, su compania permanente, onda corta 5955 kHz banda de 49 metros, amplitud modulada 710 kHz y frecuencia modulada 99.9 MHz desde Siglo Veinte, Potosi, Bolivia."	MAR19
B	5960	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	2300-1800 (May-Oct: 2300-0257 1157-1800) C // 3950(ID) 5060 7260	MAR19
D	5964,9	7,5	B	R Transmundial (RTM), Santa Maria, RS	[☐ Nov-Feb] 0300-1100 P // 11735. A TWR affiliate. Closed AUG18	MAY18
B	5970	15	CHN	Gannan PBS, Tianshui, Hezou, Gansu	2250-0100 0420-0630 1020-1415v (Apr-Oct 2220-0100 0950-1400) Tibetan/C, incl. CNR11 1400-1500, // 3990	FEB19
C	5975	100	CHN	Voice of Minorities, (= China National R 8), Beijing 2	Nov-Mar: 0600-1505 Korean // 9785, ID: "Chungang inmin pangsongkuk"	MAR19
B	5975	50	VTN	Voice of Vietnam, Son Tay	HS 1: 2145-1700 Vietnamese, ID: "Dây la Tiếng Nói Việt Nam, phát thanh tu Hà Nội, thu đô nước Cộng Hòa Xã Hội Chủ Nghĩa Việt Nam" // 7210 9635	MAR19
C	5980	0,1	FIN	Scandinavian Weekend R,Virrat	☐ First weekend of the month exc. May & Sep: Fr 2200-2300 1200-1700 Finnish/E // 1602 MW, 11690 or 11720, (= 6170)	MAR19
B	5980	5	PRU	R Chaski, Urubamba, Cusco	1100-1630 1730-2200 S/Quechua, 2200-2330 S	MAR19
B	5985	50	MMR	Myanma R, Yegu, Yangon	Main px: 2300-0130 1130-1700 Bamar, exc. 1530-1700 E, ID: "This is Myanma Radio", Th/Fr 1540-1600 E relay NHK; ck 9730	MAR19
B	5990	50	CHN	Qinghai PBS, Xining, Qinghai	2250-1600 Tibetan (Amdo dialect), incl. CNR 11 1300-1400, // 9850	MAR19
B	5995	50	MLI	R Mali, Kati, Bamako	0555-0758 1757-2400v F/E/Bambara/Senufo/Fulani/Soninke/Malinke /Songhai/Tuareg/Dyula, F ID:"Vous écoutez l'office de Radiodiffusion -Télévision Malienne émettant de Bamako", (= 9635). Tx problems	MAR19
B	6000	100	CHN	Voice of China, Beijing 1	2025-0100 0830-1805 (Apr-Oct -2330 1100-) C // 4750(ID), (= 9645)	MAR19
B	6000	150	CHN	China Business R, Xianyang, Shaanxi	Nov-Mar: 2055-2400 C // 3985(ID) 6190, (= 11835)	MAR19
D	6000	-	IND	R Kashmir, Leh (Ladakh), Jammu and Kashmir	0700-0930 (SE: 0415-1045) E/Hindi/Urdu/Laddakhi/Kashmiri with low modulation	APR18
A	6005	1	D	Shortwaveservice, Kall-Krekel, Euskirchen	☐0800-1800 G, ID: "Sie hören Shortwaseservice", incl. relays in many languages from various stations; ck 3985	MAR19
A	6010	5	B	R Inconfidência, Belo Horizonte, MG	[☐ Nov-Feb] 24 h P // 15190	MAR19
B	6010	100	CHN	Tibetan Sce. (CNR-11), Sifangshan, Baoji, Shaanxi	2155-2400 1030-1605(Apr-Oct: 1300-) Tibetan // 7350 7360 9480, ID: "Chongyang lima kongchao menchi yehori"	MAR19
B	6010	5	CLM	La Voz de tu Conciencia, Puerto Lleras, Meta	2300-1000 S rlg, ID: "HJDH, La Voz de tu Conciencia, desde Colombia para el mundo",E ID: "This is the Voice of your Conscience transmitting on 6010 SW for Colombia and the World". Tx problems	NOV18
B	6015	100	CHN	Xinjiang PBS, Urumqi,Xinjiang	2300(May-Oct 2310-0300)-0345 1150(May-Oct 1200)-1800 Kazakh // 4850(ID); incl. CNR 17 1600-1700 Kazakh // 6180(ID) 9630, (= 9470)	MAR19
A	6015	50	TZA	Zanzibar Broadcasting Corp., Dole, Zanzibar	0300-0600 Swahili, (=11735). ID: "Hii ni Sauti ya Tanzania Zanzibar"	MAR19
C	6020	20	VTN	Voice of Vietnam, Buon Ma Thuot	HS 4: 2200-1600 Bana/Ede/Giarai/H'Mong/K'Hor/Sedang/Thai/M'Nong	MAR19
C	6025	10	BOL	Red R Patria Nueva, La Paz	0930v-0300v S	MAY18
B	6025	100	CHN	Xizang PBS, Lhasa	2050-1805 Tibetan // 4905(ID) 6130 7385	MAR19
C	6030	1	CAF	R Maïngo, Boali	0600-1100 1300-1600 F/Sango/Bayaka/Fulfulde rlg	PPPPP
B	6030	0,1	CAN	CFVP Calgary	Relays CKMX: 24 h E	MAR19
B	6030	100	CHN	Voice of China, Beijing 1	2025-1805 C // 4750(ID) 4800. Testing DRM. Maintenance in May	FEB19
A	6030	100	ETH	R Oromiya, Adama, via Geja Jewe, Addis Ababa	Regional px: MF 0300-0600 0900-1100 1530-2000 (SS 0300-1900) Oromo/Amharic/E, ID: "Kun Radio Oromiya"	MAR19
C	6030	250	IND	AIR Delhi, Khampur	0200-0230 1215-1430 Hindi; 0230-0300 1430-1530 Kashmiri // 4870	JAN19
B	6035	30	BTN	Bhutan Broadcasting Service, Sangaygang, Thimphu	0000v Sharchhop, 0400 Lhotsam (Nepali), 0800-1200 E; S/on & s/off times varies	MAR19
B	6035	50	CHN	Yunnan International R, Shalang, Kunming, Yunnan	2300-1630 C relays FM99, ID: "Xianggelila zhi sheng"; 1630-1700 Vietnamese; E ID: "Yunnan Radio and Television International, Voice of Shangri-La", r *1140	MAR19
C	6035	0,5	S	R Nord Revival, Stockholm	Two annual broadcasts: 0930-1530 1800-1900 Swedish	OCT18
D	6040	7,5	B	R Evangelizar, Curitiba, PR	2200-0900 P // 9725 11935	AUG18
B	6040	150	CHN	China Business R, Beijing 2	2055-0030 (Apr-Oct -2300) C, (= 7375 11800)	MAR19
C	6040	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-1605 Mongolian // 7270 9750, ID: "Ovor Mongolyn Ardyn Radio Khoroonoos yar'zh bayna" (Ovor Mongol = Nei Menggu), incl. CNR 8: 0300-0400 Mongolian // 9610 11810	MAR19
A	6050	100	CHN	Xizang PBS, Lhasa, Tibet	2000-1800 exc. Tu 0600-1000 C // 4820(ID + relays) 5935 7240	MAR19
A	6050	1	EQA	Vozandes Media, Pichincha	Regional Sce: 0925-1400 2100-0230(Fr/Sa -0500) S/Quechua/Cha palaa/Cofan/Shuar/Waorani. Ex HCJB	MAR19
A	6050	1	LBR	ELWA, Monrovia	0530-1000 1700-2400(SS-2230) E/local languages	MAR19

A	6055	125	D	Evangelische Missions Gemeinden, Nauen	□ SS 1130-1200 G rlg	MAR19
B	6055	50	J	R Nikkei, Nagara, Chiba, Tokyo	HS 1: 2200-1500 Japanese // 3925(ID)	MAR19
C	6060	10	B	Super R Deus é Amor, Curitiba, PR	[□ Nov-Feb] 24 h P // 9565. Px "A Voz da Libertação" from Igreja (Church) Deus é Amor	NOV18
B	6060	50	CHN	Sichuan PBS-2, Chengdu, Sichuan	Life, Travel and City Sce: 2155-1515v C/Tibetan/Yui, ID: "Sichuan Renmin Guangbo Diantai, Jin Qiao zhi Sheng", E ID of the px:"Voice of the Golden Bridge" // 7225	MAR19
B	6065	150	CHN	China Business R, Beijing 2	2055-2330 1200-1605 C // 3985(ID) 6155 6190, (= 11670)	MAR19
A	6070	1	CAN	CFRX Toronto	24 h E. Relays CFRB 1010 MW	MAR19
A	6070	10	D	Channel 292, Rohrbach	□ 0500-2400 E, incl. other stations in various languages	MAR19
A	6080	10	B	R Marumby, Curitiba, PR	[□ Nov-Feb] 0800-0300 P and S px of Evangelical Churches // 9515	MAR19
B	6080	100	CHN	Voice of China, Golmud, Qinghai	2025-0100(Apr-Oct -2400 1100-) 1200-1805 C // 4750(ID) 4800 7275 9845, (= 9630)	MAR19
C	6080	10	CHN	Hulun Buir, Hailar, Nei Menggu	2150-0530 0935-1600 C, ck 3900	FEB19
B	6085	1	D	R Mi Amigo Int., Kall-Krekel	0900-1900 E/F/G/Dutch // 7310	JAN19
C	6085	10	IND	AIR Gangtok, Sikkim	North Eastern Sce.: 0630-0930 Nepali	SEP18
C	6090	7,5	B	R Bandeirantes, São Paulo, SP	[□ Nov-Feb] 24 h P	JAN19
B	6090	100	CHN	China Business R, Golmud, Qinghai	2055-0300(Apr-Oct -0100) 1000-1605 C // 3985(ID) 6190 7315 9755, (= 9570)	MAR19
B	6090	100	ETH	Voice of Amhara State, Geja Jewe, Addis Ababa	0300-0600 0900-1100 1400-2100 Amharic/Awinya/Himtinya/Oromo, Amharic ID: "Yeh ye Amhara Killil Radio"	MAR19
B	6100	125	KRE	KCBS, Kanggye	2000-0850 1300-1800 Korean // 2850(ID) 9665 11680	MAR19
C	6105,4	10	BOL	R Panamericana, La Paz	1000v-0300(SS 1100-0100) S	JUN18
B	6110	100	CHN	Xizang PBS, Lhasa, Tibet	2050-1805 Tibetan/E // 4905(ID) 4920 6130 7385	MAR19
A	6110	100	ETH	R Fana, Addis Ababa	Fana National: 0255-2100 Afar/Amharic/Oromo/Somali/Tigrinya	MAR19
C	6110	50	IND	R Kashmir, Srinagar	0225-1115 E/Hindi/Urdu/Kashmiri/Sanskrit, (= 4950); distorted audio	MAR19
B	6115	50	CHN	Voice of the Strait, Fuzhou, Fujian	0945-1200 (May-Oct: 0940-1300) Amoy, ID: "Haixia zhi Sheng Guangpo Dian tai", // 4900. Maintenance in June	NOV18
A	6115	10	COG	R Congo, Brazzaville	0500-1900v F/Vn,1800 F nx, ID: "Radio Congo, le journal"	MAR19
B	6115	50	J	R Nikkei, Nagara, Chiba, Tokyo	HS 2: 2300-1000 (SS-0900) Japanese // 3945	MAR19
B	6120	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	2300-0300 1200-1800 Uighur // 3990(ID) 4980 7205; (= 9560); 0000- 0030 // CNR 13	MAR19
B	6125	100	CHN	Voice of China, Beijing 1	2025-2300 1000-1805 C, (= 9675). Maintenance in May	MAR19
B	6125	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2025-2300 1000(Apr-Oct 1100)-1805 C // 4750(ID) 4800 11720, (= 17595). Maintenance in May	FEB19
B	6130	100	CHN	Xizang PBS, Lhasa, Tibet	2050-1805 Tibetan/E // 4905(ID) 4920 6025 7385 9580	MAR19
B	6130	50	LAO	R Nationale Lao, Vientiane	National Sce: 2300-0600 0800-1330 Lao, 2156-2230 0600-0700 Hmong, 2230-2300 0700-0800 Khmu. FS: 1330-1400 Khmer, 1400- 1430 C, 1430-1500 E, 1500-1530 F, 1530-1600 Thai, 1600-1630 Vietnamese. Tx problems. Off Oct18-Mar19	MAR19
A	6134,8	10	BOL	R Santa Cruz, Santa Cruz de la Sierra	1100-0200v(-0320v after soccer matches) S/Aymara, sl: " la Radio Romántica"; n 6135	MAR19
A	6134,9	25	B	R Aparecida, Aparecida, SP	[□ Nov-Feb] 24 h P rlg // 5035 9630 11855; n 6135	MAR19
B	6145	100	CHN	Kazakh Sce (CNR 17), Lingshi, Shanxi	1500-1805 Kazakh // 9630, ck 6180 (ID)	JAN19
B	6145	50	CHN	Qinghai PBS, Xining, Qinghai	2200-1600 C, ID: "Qinghai Renmin Guangbo Diantai" // 9780	MAR19
A	6150	0,25	D	R Marabu, via R Europa 24, Datteln	□ 0700-1900 G/E/Dutch	MAR19
A	6155	100	AUT	ORF, Moosbrunn	Ö 1: □ 0600-0720 (SS 0710) G	MAR19
B	6155	150	CHN	China Business R, Beijing 2	2055-0100(Apr-Oct -2300) 1000-1605 C // 3985(ID) 6040, (= 15500)	MAR19
B	6160	1	B	R Boa Vontade,Porto Alegre,RS	[□ Nov-Feb] 0900-2200 P rlg // 9550	MAR19
A	6160	1	D	Shortwaveradio, Winsen	□ 0800-1900 E, ID: "This is Shortwave 6-1-6-0"	MAR19
B	6165	100	CHN	Voice of Shenzhou (China National R 6), Beijing 2	2155-0100 0900-1605 C/Amoy to Taiwan // 9730, C ID: "Shenzhou zhi Sheng Guangbo Diantai" (=Voice of the Divine Land), (= 11905)	MAR19
D	6165	50	MMR	Thazin R, Pyin U Lwin	Minorities px: 2330 Chin, 0030-0130 Kachin. Main px: 0930-1430 Bamar, 1430-1500 E // 639 MW	SEP18
C	6165	50	VTN	Voice of Vietnam, Xuan Mai, Hanoi	2150-2230 1145-1330 H'Mong, 2230-2300 0000-0030 1330-1400 Dao	MAR19
B	6170	0,1	FIN	Scandinavian Weekend R,Virrat	□ First weekend of the month exc. Jan, May & Sep: Fr 2300-2400 Sa 0000-1200 1700-2200 Finnish/E // 11690 or 11720, ck 5980	MAR19
B	6173,9	1	PRU	R Tawantinsuyo, Cusco, Cusco	24h S/Quechua, ID: "Transmitiendo por Radio Tawantinsuyo desde Cusco y a todo el Peru", n 6175	DEC18
B	6175	100	CHN	Voice of China, Beijing 1	2025-0100(Apr-Oct -2400) 0900-1805 C // 4750(ID) 4800, (= 11960)	MAR19
B	6180	250	B	R Nacional da Amazônia, Brasilia, DF	[□ Nov-Feb] 0900-0300 P, ID: "Rádio Nacional do Brasil", ck 11780	MAR19
B	6180	100	CHN	Kazakh Service, (CNR 17), Lingshi, Shanxi	Nov-Mar: 1200-1500 Kazakh // 9630, ID: "Ortalyk khalyk radiostansiasy"	MAR19



A	6180	10	D	Deutscher Wetterdienst, Pinneberg	0600-0630 1200-1230 1600-1630 2000-2030 G weather for seamen, // 5905	MAR19
B	6185	15	CHN	China Huayi Broadcasting Corporation, Fuzhou, Fujian	0930(Apr-Oct: 0950)-1600 C/Amoy, C ID: "Zhonggou Huayi Guangbo Gongsì", E ID: "CHBC, CHBC, CHBC, Radiooooo", "This is FM 996 1071" (99.6 and 107.1 MHz)	MAR19
A	6185	5	MEX	XEPPM R Educación, Ciudad México	□ 0000-0630v S/E. ID: "Señal Cultura México". SW px not // MW	MAR19
B	6190	100	CHN	China Business R, Golmud, Qinghai	2055-2400(Apr-Oct 2300) C, // 6065 6090 7375 9820, (=3985(ID) 7220)	MAR19
B	6190	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	2300v-0330 1210-1800 Mongolian, 1210-1230 Kyrgyz // 4500(ID), exc. Apr-Oct 1210-1230 Kyrgyz // 7230; (= 9510)	MAR19
A	6190	1	D	Hamburger Lokalradio, Göhren	□ Sa 0700-0800 E, Sa 0800-1200 G, incl. other stations, ck 7265 9485	MAR19
B	6200	100	CHN	Xizang PBS, Lhasa, Tibet	2050-1805 Tibetan, 0700-0800 1600-1700 E "Holy Tibet" // 4905(ID)	MAR19
B	6200	50	CHN	Voice of Jinling, Nanjing	1230-1500 C	MAR19
B	6210,2	0,8	COD	R Kahuzi, Bukavu	0600v-1800v F/E/Kikongo/Kinyarwanda/Lingala/Mashi/Swahili/Tshiluba	MAR19
B	7120	100	SOM	R Hargeisa, Hargeisa, Somaliland	0330-0500 0900-1400 1500-1900v Somali/A/E, ID: "Halkani wa Radio Hargeysa, codka jamhuriyada Somaliland", 0400 1300 1930 E nx	DEC18
B	7140	100	ERI	Voice of the Broad Masses of Eritrea, Asmara	Px 1: 0300v-1000 1300-2000v, Tigrinya/Tigre/Kunama; Tigrinya ID: "Ezi kab Asmara Zemehalalef Medeber Radio Demtsi Hafash Eritrea Eyu", partly jammed by Ethiopia	MAR19
B	7180	100	ERI	Voice of the Broad Masses of Eritrea, Asmara	Px 2: 0300v-1000 1430-2000v A/Afar/Amharic/Oromo/Saho/Bilen, A ID: "Huna Asmara, Idha'at Sawt al-Jamahir al-Iritriyyah", partly jammed by Ethiopia	MAR19
D	7200	50	MMR	Myanma R, Yegu, Yangon	2330-1500v Sakaw Kayin/ Po Kayin/ Mon/ Kayah/ Gekho/Gebo	JUN18
B	7205	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	2300(May-Oct -0200)-0258 1227(May-Oct 1400)-1800 Uighur, // 3990(ID) 4980 6120, (= 13670); 0000-0030 // CNR 13 // 9655 9890	MAR19
A	7205	100	SDN	R Omdurman, Al-Fatihah, Khartoum	General Px: 0300v-2100v A, ID: "Huna Omdurman, idha'atu-I-Gumhuriya as-Sudan", d-7207	MAR19
B	7210	20	CHN	Yunnan PBS 2, Kunming, Yunnan	Minorities Sc: 2255-0300 0630-0830 1055-1500 C/Lahu/Jingpo/Lisu/Dehong Dai, Xishuangbanna Dai. C ID: "Yunnan renmin kwangpo dientai"	MAR19
B	7210	20	VTN	Voice of Vietnam 1, Buon Ma Thuot	2145-1700 Vietnamese // 5975 (ID) 9635	OCT18
B	7215	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2025-2400 C // 4750(ID) 4800, (= 11760)	MAR19
B	7220	100	CHN	China Business R, Golmud, Qinghai	0000-0900 (Apr-Oct 2300-1200) C, (=3985(ID) 6190)	MAR19
B	7225	50	CHN	Sichuan PBS-2, Chengdu, Sichuan	Life, Travel and City Sc: 2155-1515v C/Tibetan/ Yui // 6060(ID's)	MAR19
B	7230	150	CHN	Voice of China, Xianyang, Shaanxi	2025-1805 C // 4750(ID) 4800 7290	MAR19
B	7230	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	(May-Oct 2310-1800) 0510-1050 Mongolian (= 4500(ID)), exc 1210-1230 Kyrgyz // 6190	NOV18
C	7230	30	IND	AIR Kurseong, Paschim Banga	Eastern Sc: 0620-1030 (SE: 0415-1130) Nepali/E/Hindi/Bengali/Tibetan/Bhutanese, E nx 0630 0730 (= 4895)	JAN19
B	7240	100	CHN	Xizang PBS, Lhasa, Tibet	2000-0257(Apr-Oct -0157) 0858-1800 C // 4820(ID + relays) 5935 6050 (= 11950)	MAR19
B	7245	150	CHN	China Business R, Beijing 2	2055-0100(Apr-Oct: -2300 1300-)0900-1605 C, ck 3985 (ID), (= 9620)	MAR19
B	7255	100	CHN	China Business R, Baoji, Sifangshan, Shaanxi	Nov-Apr: 2055-0100 1230-1605 C, (= 9810)	MAR19
B	7255	100	CHN	Xizang PBS, Lhasa, Tibet	2050-0200 1000-1800 Tibetan // 4905(ID) 4920 6200 (= 9490)	MAR19
B	7260	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0230-1205 (May-Oct: 2300-1800) C // 5960 11770, ck = 3950 (ID)	JAN19
B	7260	50	MNG	Mongolian R, Khonkhor, Ulaanbaatar	HS 3: 2300-1500 Mongolian, Buryat, Kazakh, Tuvan // 4830 4895	FEB19
C	7265	100	CHN	China Business R, Xianyang, Shaanxi	Apr-Oct: 2055-0100 1230-1605, ck 3985 (ID), (= 9810)	APR18
B	7265	0,25	D	Hamburger Lokalradio, Göhren	□ Su 1000 G, 1100 E, 1200-1300 S, Sa 1500-1600 E, incl. other stations	MAR19
B	7270	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-1605 Mongolian // 6040(ID) 9750, incl. CNR 8: 0300-0400 Mongolian // 9610(ID) 11810	MAR19
B	7270	100	IND	AIR Chennai, Tamil Nadu	FM Gold Service: 0130-0430 Tamil, also FS	JAN19
B	7275	100	CHN	Voice of China, Beijing 1	2025-0030(Apr-Oct -2300) 1100-1805 C // 4750(ID) 4800, (= 15380)	MAR19
B	7275	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0300-1200 (May-Oct 2300-1800) Uighur // 9560 11885 13670, (= 3990(ID))	DEC18
B	7289,9	10	INS	RRI Nabire, Propinsi Papua	2200-2300 0500-0830v Bahasa Indonesia, Jakarta nx 0700 and 0800	MAR19
B	7290	100	CHN	Voice of China, Beijing 1	2025-2400(Apr-Oct:-2300) 1100-1805 C // 4750 (ID), (= 17890)	MAR19

C	7290	50	IND	AIR Thiruvananthapuram, Muttathura, Kerala	Southern Sce: 0230-0930(SS -1030) E/Hindi/Tamil/Malayalam, E nx 0245 0630 0815 (= 5010)	JAN19
C	7295	50	CHN	Xinjiang PBS, Urumqi,Xinjiang	Nov-Apr: 0310-0530 1010-1230 Kyrgyz // 9705; ck 11975	FEB19
B	7305	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2025-2200 0800(Apr-Oct 1000)-1805 C // 4750(ID) 4800 5945, (= 11750)	MAR19
A	7310	1	D	R Mi Amigo Int., Kall-Krekel	□ SS 1200-1600 E/Dutch, ck 6085	MAR19
C	7310	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	May-Oct: 2300-0200 1400-1800 C // 5960 7260, (= 9600)	APR18
B	7315	150	CHN	China Business R, Xianyang, Shaanxi	2055-0100 0900(Apr-Oct: 1100)-1605 C // 3985(ID) 7425, (= 11660)	MAR19
D	7315	50	IND	AIR Shillong, Mawgrong, Meghalaya	North Eastern Sce: 0657-0930 (SE: 0415-1045) E/Hindi/Vn, E nx 0815 (= 4970 ). Low modulation	SEP18
C	7325	50	IND	AIR Jaipur, Rajasthan	Northern Sce: 0630-0930 (SE: 0600-1115) E/ Hindi/Vn, E nx 0730, (= 4910)	JAN19
C	7325	1	PNG	Wantok R Light, Port Moresby	24 h E/Tok Pisin/Motu, NBC nx in E: 2200-2210 0330-0400 0900-0910. Operated by Life R Ministries and HCJB	OCT18
B	7335	100	CHN	China Business R, Xianyang, Shaanxi	2055-0030 1000-(Apr-Oct 1300)-1605 C // 3985(ID) 11740, (= 11915)	MAR19
B	7340	100	CHN	Xinjiang PBS, Urumqi,Xinjiang	0300-1155 (May-Oct 2310-1800) Kazakh // 9470; (= 4850(ID))	DEC18
B	7340	100	IND	AIR Mumbai, Maharashtra	1130-1140 Hindi nx; also FS in Urdu/Sindhi	JAN19
B	7345	100	CHN	Voice of China, Beijing 1	2025-2400 0800(Apr-Oct 1100)-1805 C // 4750(ID), (= 15550)	MAR19
B	7345	50	MMR	Thazin R, Pyin U Lwin	Minority px "Rakhine Broadcasting Station": 0930-1030 Kachim, 1030-1130 Pwo Kayin, 1130-1230 Sgaw, 1230-1330 Mon; ck 9590	MAR19
B	7350	100	CHN	Tibetan Sce (CNR-11), Baoji, Sifangshan, Shaanxi	0900(Apr-Oct: 1300)-1605 Tibetan // 6010(ID) // 9480, (= 11685)	MAR19
C	7360	100	CHN	Tibetan Sce (CNR-11), Baoji, Sifangshan, Shaanxi	2155-2400 Tibetan // 6010(ID) 9480	FEB19
B	7365	100	CHN	Voice of China, Shijiazhuang, Hubei	1200-1805 C // 4750(ID), (= 7215 11760)	MAR19
A	7365	1	D	HCJB, Weenermoor	1700-2300 G/Low G, ck 3995 5920	MAR19
B	7370	150	CHN	China Business R, Beijing 2	2055-2300 1100(Apr-Oct: 1300)-1605 C, ck 3985(ID), (= 11610)	MAR19
B	7375	150	CHN	China Business R, Beijing 2	1030(Apr-Oct 1200)-1605 C // 3985(ID) 6190, 7425 (= 6040 11800)	MAR19
B	7380	50	IND	AIR Chennai, Tamil Nadu	Southern Sce: 0300-0930 (Su -1130) E/Hindi, E nx 0730 0815, (= 4920)	JAN19
B	7385	100	CHN	Voice of Zhonghua, Beijing 2	(Apr-Oct: 2055-2300) 0900-1705 C/Amoy to Taiwan // 5925 9410	MAR19
A	7385	100	CHN	Xizang PBS, Lhasa, Tibet	2050-0200 0930(Apr-Oct: 1000)-1805) Tibetan/E // 4905(ID) 4920 6130, (= 9580)	MAR19
C	7390	4	IND	AIR Port Blair, Brookshabad, Andaman and Nicobar Islands	Southern Sce: 0315-0900 (SE: 0315-1045) E/Hindi, (= 4760)	PPPPP
C	7395	150	CHN	China Business R, Xianyang, Shaanxi	Apr-Oct: 2055-2400, ck 3985(ID), (=11835)	OCT18
B	7420	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-1605 C, ID: "Nei Menggu Renmin Guangbo Diantai" // 9520,	MAR19
B	7420	50	IND	AIR Hyderabad, Telingana	Southern Sce: 0224-0930(Su-1030) E/Hindi/Telegu/Vn, E nx 0245 0630 0815, (= 4800)	MAR19
B	7425	150	CHN	China Business R, Xianyang, Shaanxi	1300-1605 C, ck 3985(ID), (= 6000(Sum 7395) 11835)	MAR19
B	7430	50	IND	AIR Bhopal, Madhya Pradesh	Western Sce: 0225-0902 E/Hindi, E nx 0245, (=4810)	MAR19
A	7440	10	D	Channel 292, Rohrbach	□ 0400-2400 E/Dutch/Swedish/Italian // 6070	MAR19
B	7450	100	CHN	Xizang PBS, Lhasa, Tibet	2000-0259 0858-1800 C // 4820(ID + relays), (= 11860)	MAR19
C	7505	100	IND	AIR Delhi, Kingsway	0230-0300 Hindi/E; also FS	JUN18
C	7555	100	IND	AIR Delhi, Kingsway	1515 Hindi, 1530-1600 E; also FS	JUN18
C	7750	0,1	SOM	Warsan R, Baidoa	0300-1930v Somali, best in USB, d-7756	MAR19
A	9380	250	IND	AIR Aligarh	0100-0435 0900-1200 Vividh Bharati	MAR19
B	9410	50	CHN	Voice of Zhonghua, Beijing 2	Nov-Mar: 1000-1705 C/Amoy // 5925(ID) 7385, ck 9665	MAR19
B	9410	10	TWN	Fu Hsing Brc. Corp., Kuanyin	Network 3: 2300-0100 0400-0600 0800-1000 1100-1300 C for Mainland // 9774 15375, jammed by CNR 5	FEB19
C	9420	50	CHN	Voice of Shenzhou, Beijing 2	Apr-Oct: 2155-0100 0900-1605 C/Amoy to Taiwan // 6165, ck 9620 9730, (=15710)	AUG18
B	9420	100	CHN	Uighur Sce (CNR-13), Lingshi, Shanxi	1100-1805 Uighur, ID: "Merkezi khalyk radiostansiasy", // 9890 13700	MAR19
B	9470	100	CHN	Voice of China, Beijing 1	2025-2300 C // 4750(ID), (= 9860 12045)	JAN19
B	9470	100	CHN	Xinjiang PBS, Urumqi,Xinjiang	0345-1150(May-Oct: 0300-1200) Kazakh // 7340, ck 4850(ID); (= 6015)	NOV18
B	9480	100	CHN	Tibetan Sce. (CNR-11), Baoji, Sifangshan, Shaanxi	2155-0100 0800(Apr-Oct: 1100)-1605 Tibetan, // 6010(ID) 7350 7360	MAR19
A	9485	1	D	Hamburger Lokradio, Göhren	□ Sa 1200-1400 E, 1400-1500 S, incl. other stations, in USB	MAR19
B	9490	100	CHN	Xizang PBS, Lhasa, Tibet	0200-1000 Tibetan/E // 4905(ID) 4920 6130 9580; (= 7255)	FEB19

B	9500	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2025-1805 C // 4750(ID) 4800 13610	MAR19
B	9505	50	CHN	Voice of the Strait, Fuzhou, Fujian	Ch 1: News Channel: 0945-1200(Apr-Oct -1300) C, // 4940 (C and E ID)	NOV18
B	9510	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	0510-1050(May-Oct 0530-1030) Mongolian // 7230, ck 4500(ID); (= 6190)	NOV18
A	9515	10	B	R Marumby, Curitiba, PR	[☐ Nov-Feb] 0800-2100 P px of Evangelical Churches // 6080, ID: "Rádio Marumby"	MAR19
B	9515	100	CHN	China Business R, Beijing 2	2055-2400 1000(Apr-Oct 0900)-1605 C // 3985(ID), (=17625)	MAR19
B	9520	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-1605 (Tu not 0600-0850) C // 7420(ID)	MAR19
B	9530	100	CHN	Tibetan Sce. (CNR-11), Baoji, Sifangshan, Shaanxi	0000-1030(Apr-Oct: -1300) Tibetan // 11685 15570, ck 6010(ID)	FEB19
B	9550	10	B	R Boa Vontade, Porto Alegre, RS	[☐ Nov-Feb] 0900-2200 P rlg // 6160 11895	MAR19
B	9560	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0245(May-Oct 0300)-1200 Uighur // 7275 11885 13670, ck 3990(ID); (=6120)	MAR19
A	9565	20	B	Super R Deus é Amor, Curitiba, PR	[☐ Nov-Feb] 24 h P/S // 6060, rlg px: "A Voz da Libertação" produced in Buenos Aires	JAN19
B	9570	100	CHN	China Business R, Golmud, Qinghai	0300(Apr-Oct 0100)-1000 C // 9620, ck 3985(ID), (= 6090)	FEB19
B	9580	100	CHN	Xizang PBS, Lhasa, Tibet	0200-0930(Apr-Oct -1000) Tibetan, exc. 0700-0800 E // 9490 (= 7385)	MAR19
B	9590	50	MMR	Thazin R, Pyin U Lwin	Minorities px: 0130-0230 Wa, 0230-0330 Geba, 0430-0530 La, 0530-0630 Po, 0630-0730 Kayah, 0730-0830 Shan, 0930-1030 Kachin, 1030-1130 Kayah, 1130-1230 Gekho, 1230-1330 Mon; ck 7345	FEB19
B	9610	100	CHN	Voice of Minorities, CNR-8, Beijing 2	2055-0600 Mongolian // 11810, ID: "Djonyong ardyn radyo nibtrelihi"	MAR19
B	9620	150	CHN	China Business R, Beijing 2	0100-0900(Apr-Oct 2300-1300) C // 3985(ID) 9515, (=7245)	MAR19
B	9620	50	CHN	Voice of Shenzhen, Beijing 2	Nov-Mar: 0900-1605 C/Amoy, ck 9420 9730 15710	MAR19
A	9630	10	B	R Aparecida, Aparecida, SP	[☐ Nov-Feb] 24 h P rlg // 6135 11855, ck 5035, d-9630,6	MAR19
B	9630	100	CHN	Voice of China, Golmud, Qinghai	(Apr-Oct 0000-1100)0100-1200 C // 4750(ID) 9710 (=6080)	FEB19
B	9630	100	CHN	Kazakh Service (CNR 17), Lingshi, Shanxi	1200-1805 Kazakh // 6180(ID), ck 11630	MAR19
B	9635	100	MLI	R Mali, Kati, Bamako	0758-1800 F/Vn, (= 5995 IDs + Vn). Off OCT18-JAN19	MAR19
A	9635	100	VTN	Voice of Vietnam, Son Tay	HS 1: 24 h Vietnamese to Gulf of Tonkin area // 5975(ID) 7210	MAR19
B	9645	100	CHN	Voice of China, Beijing 1	0100-0830 (Apr-Oct 2330-1100) C // 9675, (= 6000)	MAR19
A	9650	50	GUI	R Guinée, Conakry	0600-2400 F/Fulah/Maninké/Soussou, ID: "Radio Guinée emettant du Conakry"	MAR19
A	9664,7	10	B	R Voz Missionária, Camboriú, SC	[☐ Nov-Feb] 24 h P // 5940; n 9665, d – 9664,4	MAR19
B	9665	50	CHN	Voice of Zhonghua, Beijing 2	2055-0100(Apr-Oct: -2400 1000-1705) C/Amoy // 5925(ID) 7355, (= 9410 11620)	MAR19
B	9665	50	KRE	KCBS, Pyongyang	2000-1800 Korean // 2850(ID) 6100 11680	MAR19
B	9675	100	CHN	Voice of China, Beijing 1	2300-1000 C // 4750 (ID) 4800 9645, (=6125)	MAR19
B	9676,9	5	AZE	Tolishstoni Sădo Radio (Voice of Talyshstan), Stepanakert, Nagorno Karabakh	We/Su 0600-0630, D 0830-1430 Azeri/Talysh. Jammed by Ictimai R, Baki, with FM modulation, ID: "Ictimai Radio"	JAN19
B	9685	50	CHN	Voice of Zhonghua, Beijing 2	0000-1000 C/Amoy to Taiwan // 11620 11935, (= 5925(ID))	MAR19
C	9695	100	CHN	Voice of Minorities, Beijing 2	Apr-Oct: 0600-1505 Korean // 9785	JUN18
B	9705	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0310-0805 1030-1230(May-Oct: 0330-0530 1030-1230) Kyrgyz // 7295 Winter, 11975 Summer	FEB19
B	9710	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2025-2330 1100-1805 C // 4750(ID) 4800, (= 11720)	MAR19
B	9720	150	CHN	China Business R, Baoji, Xinjie	0000-1000 C // 3985 (ID)	FEB19
D	9725	7,5	B	R Evangelizar, Curitiba, PR	24 h P, ck 6040 11935	OCT18
B	9730	50	CHN	Voice of Shenzhen, Beijing 2	Nov-Apr: 2155-0100 C/Amoy to Taiwan // 6165	MAR19
B	9730	50	MMR	Myanma R, Yegu, Yangon	Main px: 0130-1130 Bamar, exc. E 0230-0330 0700-0730, ck 5985 (E ID)	JAN19
A	9745	60	BHR	R Bahrain, Abu Hayan	General Px: 24 h A, ID's: "Huna al Bahrain", "Idhaat mamlakat al Bahrain"	DEC18
B	9750	50	CHN	Nei Menggu PBS, Hohhot, Nei Menggu	2150-1605 Mongolian // 6040(ID) 7270, incl. CNR 8: 0300-0400 Mongolian // 9610(ID) 11810; d-9749,8	MAR19
B	9755	100	CHN	China Business R, Xianyang, Shaanxi	2055-0200(Apr-Oct: -2400) 1000-1605 C // 3985(ID) 6090 6190 9775, (= 12080)	JAN19
B	9775	150	CHN	China Business R, Beijing 2	2055-0200(Apr-Oct: -0100) 0900-1605 C // 3985 (ID) 9515 9820, (= 15270)	MAR19
B	9780	50	CHN	Qinghai PBS, Xining, Qinghai	2200-1600 C // 6145(ID)	MAR19
B	9785	100	CHN	Voice of Minorities, Beijing 2	0600-1505 Korean, ck 5975(ID) 9695	MAR19

B	9810	150	CHN	Voice of China, Nanning, Guangxi	2025-2300 1300-1805 C // 4750(ID) 4800 9845, (= 13610)	FEB19
B	9810	100	CHN	China Business R, Xianyang, Shaanxi	0100-1230 C // 11610 11660, ck 3985(ID), (=7265)	MAR19
A	9818,9	10	B	R Nove de Julho, São Paulo, SP	[☐ Nov-Feb] 24 h P, rlg // 1600 MW, ID: "Nove de Julho, a Rádio Católica", 0100-0800 relays R Aparecida // 5035; n 9820, d – 9818,5	MAR19
B	9820	150	CHN	China Business R, Xianyang, Shaanxi	2055-0100(Apr-Oct: -2400 1100-) 0900-1605 C // 3985(ID) 7245 9515 9775 11740; (= 11845)	MAR19
B	9820	15	CHN	Beibu Bay R, Nanning, Guangxi	FS: 2300-0100 1000-1100 1500-1600 C, 1100-1500 Vietnamese // 5050 (IDs)	MAR19
B	9830	100	CHN	Voice of China, Beijing 1	2025-0200(Apr-Oct -0100) 0730-1805 C // 4750 (ID) 4800 11710, (= 17565)	MAR19
C	9835	100	CHN	Xinjiang PBS, Urumqi, Xinjiang	May-Oct: 0257-1157 C // 7260 9600 11770, (= 5960)	JUL18
B	9835	100	MLA	RTM, Kajang, Kuala Lumpur	relays Sarawak FM: 2200-1600 Malay. Tx problems	JAN19
B	9845	100	CHN	Voice of China, Beijing 1	2025-0100(Apr-Oct: -2400 1200-) 1030-1805 C // 4750(ID) 4800 11710, (= 17550)	MAR19
B	9850	15	CHN	Qinghai PBS, Xining, Qinghai	0230-0830 Tibetan (Amdo dialect), incl relay CNR 11 1300-1400 // 5990	NOV18
B	9860	100	CHN	Voice of China, Beijing 1	(Apr-Oct: 2025-2300 1200-)1100-1805 C // 4750(ID) 11925,(=12045)	MAR19
A	9865	500	IND	AIR Bengaluru (ex Bangalore)	Variety Px: 0025-0435 0900-1200 1245-1740 Hindi/E/Vn, ID: "Vividh Bharati", E nx 1530	MAR19
B	9890	100	CHN	Uighur Sce (CNR 13), Lingshi Shanxi	Nov-Mar: 2355-0200 1100(Apr-Oct: 1400)-1805 Uighur,ck 9420(ID); 0000-0030 relays Xinjiang 3990 4980 6120 7205	MAR19
B	9950	100	IND	AIR Delhi, Kingsway	1130-1140 Hindi/E nx; also FS	MAR19
B	11610	150	CHN	China Business R, Beijing 2	2300-1100 (Apr-Oct: -1300) C // 9620 9810, ck 3985(ID), (= 7370)	MAR19
B	11620	50	CHN	Voice of Zhonghua, Beijing 2	(Apr-Oct: 0000-)0100-1000 C/Amoy to Taiwan // 9685 11935, ck 5925(ID), (= 9410 9665)	MAR19
B	11620	250	IND	AIR Delhi, Khampur	1130-1140 Hindi/E nx; also FS	FEB19
B	11630	100	CHN	Kazakh Service (CNR 17), Lingshi, Shanxi	2355-1200(Apr-Oct: -1805) Kazakh // 9630 12055, ck 6180 15190	MAR19
B	11660	150	CHN	China Business R, Xianyang, Shaanxi	0100-0900(Apr-Oct -1100) C // 11610, ck 3985(ID), (= 7315)	MAR19
B	11665	100	MLA	RTM, Kajang, Kuala Lumpur	Relay Wai FM, Sarawak: 2200-0400 1000-1600 Bidayah, 0400-1000 Kayan/Kenyah, ID: "Limbang FM, Radio Tawau". Tx problems	MAR19
B	11670	100	CHN	China Business R, Beijing 2	2330-1200 C, ck 3985(ID), (= 6065)	MAR19
A	11680	100	KRE	KCBS, Kanggye	Central px from Pyongyang: 2000-1800 Korean // 9665, ck 2850(ID)	MAR19
B	11685	100	CHN	Tibetan Sce. (CNR-11), Baoji, Sifangshan, Shaanxi	0000-0900(Apr-Oct: -1300) Tibetan // 9530 15570, ck 6010(ID), (=7350)	DEC18
B	11690	1,5	FIN	Scandinavian Weekend R,Virrat	☐ First weekend of the month exc. Jan, May & Sep: Sa 0000-1000 1300-1900 Finnish/E // 1602 MW. Alt fq 11720; ck 5980 6170	MAR19
B	11710	100	CHN	Voice of China, Beijing 1	2025-0030 1000-1805 C // 4750(ID) 4800; also FS	MAR19
B	11720	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2330-1100 C // 6125 9645 9675 13610, ck 4750(ID), (= 9710)	FEB19
B	11720	1,5	FIN	Scandinavian Weekend R,Virrat	☐ First weekend of the month exc. Jan, May & Sep: Fr 2200-2400 Sa 1000-1300 1900-2200 Finnish/E // 1602 MW. Alt fq 11690; ck 5980 6170	MAR19
C	11720	100	VTN	Voice of Vietnam, Son Tay	HS1: 1030-1500 Vietnamese // 5975 7210 9635	APR18
A	11735	50	TZA	Zanzibar Broadc. Corp, Dole	1500v-2100v Swahili, exc. E nx: irr. 1800-1810, (= 6015 ID), ID: "This is Zanzibar Broadcasting Corporation"	MAR19
B	11740	100	CHN	China Business R, Xianyang, Shanxi	2055-0100 1100-1605 C // 3985(ID) 7315 7335 9775, (= 15540)	MAR19
C	11750	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	2200-0800 (Apr-Oct: -1000) C // 9645 9675, ck 4750(ID), (= 7305)	MAR19
B	11760	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	0000-1200 C // 15380 17550 17565 17890, (= 7365)	MAR19
B	11770	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0250-1200 (May-Oct: 2300-1800) C // 5960 7260, ck 3950(ID); (= 5060)	MAR19
B	11780	250	B	R Nacional da Amazônia, Brasília, DF	[☐ Nov-Feb] 0700-0200v, SS 2100-2300 P	MAR19
B	11800	150	CHN	China Business R, Beijing 2	0030-1030 (Apr-Oct 2300-1200) C // 3985(ID), (= 6040 7375)	MAR19
B	11810	100	CHN	Voice of Minorities, Beijing 2	2055-0600 Mongolian, ID: "Djonyong ardyn radyo nibtrelhi" // 9610	MAR19
A	11815	7,5	B	R Brasil Central, Goiânia, GO	[☐ Nov-Feb] 24 h P // 4985	MAR19
B	11835	150	CHN	China Business R, Xianyang, Shaanxi	0000-1100(Apr-Oct: -1300) C // 9810 11660 12080, (= 6000 7425)	MAR19
B	11845	150	CHN	China Business R, Xianyang, Shaanxi	0100-0900(Apr-Oct:0000-1100) C // 11610 11670, ck 3985(ID); (= 9820)	MAR19
A	11855,7	1	B	R Aparecida, Aparecida, SP	[☐ Nov-Feb] 24 h P // 6135 9630, ck 5035; n 11855	MAR19

B	11860	100	CHN	Xizang PBS, Lhasa, Tibet	0258-0857 C // 4820(ID) 5935 6050 11950, (= 7450)	MAR19
B	11885	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0250-1200 (May-Oct: 2300-1800) Uighur // 7275 9560 13670, ck 3990(ID); (= 4980)	MAR19
A	11895	10	B	R Boa Vontade, Porto Alegre, RS	[☐ Nov-Feb] 0900-2200 P rlg // 6160 9550, d-11891.1	MAR19
B	11905	100	CHN	Voice of Shenzhou, Beijing 2	0100-0900 C/Amoy to Taiwan // 15710, (= 6165(ID))	MAR19
B	11915	100	CHN	China Business R, Xianyang, Shaanxi	0030-1000(Apr-Oct: -1300) C // 15270 15500, ck 3985(ID), (= 7335)	MAR19
B	11925	100	CHN	Voice of China, Lingshi, Shanxi	2025-0200(Apr-Oct:-2330 0900-)1100-1805 C // 4750 (ID) 9675 11710 13610, (=17580)	MAR19
D	11935	75	B	R Evangelizar, Curitiba, PR	2200-1400 P, ck 6040 9725	OCT18
C	11935	50	CHN	Voice of Zhonghua, Beijing 2	(Apr-Oct: 2300-)0000-0900 C/Amoy to Taiwan // 9685 11620, ck 5925(ID), (= 7355 7385)	MAR19
B	11950	100	CHN	Xizang PBS, Lhasa, Tibet	(Apr-Oct: 0158-)0258-0857 C // 4820(ID) 6050 11860, (= 7240)	FEB19
C	11960	100	CHN	Voice of China, Beijing 1	(Apr-Oct: 0000-)0100-0900 C // 4750(ID), (= 6175)	MAR19
B	11975	50	CHN	Xinjiang PBS, Urumqi	Apr-Oct: 0330-0530 1030-1230 Kyrgyz // 9705, ck 7295	OCT18
C	12045	100	CHN	Voice of China, Beijing 1	2300-1100 (Apr-Oct -1200) C // 4750(ID), (= 9470 9860)	MAR19
B	12055	100	CHN	Kazakh Service (CNR 17), Lingshi, Shanxi	2355-1200 Kazakh // 11630, ck 6180(ID)	MAR19
B	12080	100	CHN	China Business R, Xianyang, Shaanxi	(Apr-Oct: 0000-)0200-1000 C // 15500 17625, (= 9755)	MAR19
B	13610	150	CHN	Voice of China, Nanning, Guangxi	2300-1300 C // 4750(ID) 4800 9630 11710 11925, (= 9810)	MAR19
B	13670	50	CHN	Xinjiang PBS, Urumqi, Xinjiang	0258-1227 (May-Oct: 0200-1400) Uighur // 7275 9560 11885, ck 3990(ID); (= 7205)	MAR19
B	13700	100	CHN	Uighur See (CNR 13), Lingshi, Shanxi	0200-1100(Apr-Oct: 2355-1400) Uighur // 15390, ck 9420(ID)	MAR19
B	15190	5	B	R Inconfidência, Belo Horizonte, MG	24 h P, often sports // 6010	JAN19
B	15270	150	CHN	China Business R, Beijing 2	(Apr-Oct: 0100-)0200-0900 C // 15500 17625, ck 3985(ID); (= 9775)	MAR19
B	15370	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	0100-1100 C // 4750(ID) 4800 15480	MAR19
B	15380	100	CHN	Voice of China, Beijing 1	0030-0300 0700-1100 (Apr-Oct: 2300-1100) C // 13610, ck 4750(ID), (= 7275)	MAR19
B	15390	100	CHN	Uighur See (CNR 13), Lingshi, Shanxi	(Apr-Oct: 2355)0100-1100 Uighur // 13700, ck 9420(ID)	MAR19
B	15476	2	ATA	R Nacional Arcángel San Gabriel, Base Esperanza	☐ MF 1200-1500v S, also ID: "Radio Arcángel San Gabriel"; best in USB	MAR19
B	15480	100	CHN	Voice of China, Beijing 1	0100-1000 (Apr-Oct: 2300-1300) C // 4750(ID), (= 5945)	MAR19
B	15500	150	CHN	China Business R, Beijing 2	(Apr-Oct: 2300-)0100-1000 C // 15270 17625, ck 3985(ID); (= 6155)	MAR19
B	15540	100	CHN	China Business R, Lingshi Shanxi	0100-1100 C, (=11740)	MAR19
B	15550	100	CHN	Voice of China, Beijing 1	0000-0800 (Apr-Oct: -1100) C // 4750(ID), (= 7345)	MAR19
B	15570	100	CHN	Tibetan See. (CNR-11), Baoji, Sifangshan, Shaanxi	0100-0800 (Apr-Oct: -1100) Tibetan // 9530 11685, ck 6010(ID)	MAR19
C	15710	50	CHN	Voice of Shenzhou, Beijing 2	0100-0900 C/Amoy to Taiwan // 11905, ck 6165(ID), (= 9420 9730)	MAR19
B	15805	0,2	DNK	World Music R, Randers	SS 0700v-1700v in several languages	MAR19
B	17550	100	CHN	Voice of China, Beijing 1	0100-1030 (Apr-Oct: 0000-1200) C // 17580 17605, ck 4750(ID), (= 9845)	MAR19
C	17565	100	CHN	Voice of China, Beijing 1	(Apr-Oct: 0100-)0200-0730 C // 17605 17890, ck 4750(ID), (= 9830)	MAR19
B	17580	100	CHN	Voice of China, Lingshi, Shanxi	0200-1000 (Apr-Oct: 2330-0900) C // 17550 17605, ck 4750 (ID); (= 11925)	MAR19
C	17595	100	CHN	Voice of China, Huikou, Shijiazhuang, Hebei	0100-1000(Apr-Oct: 2300-1100) C // 4750(ID) 17580, (= 6125)	MAR19
C	17605	100	CHN	Voice of China, Beijing 1	0130 (Apr-Oct: 0030)-1000 C // 15380, ck 4750(ID), (= 11710)	MAR19
C	17625	150	CHN	China Business R, Beijing 2	0000-1000(Apr-Oct -0900) C // 15270, ck 3985 (ID), (= 9515)	MAR19
B	17890	100	CHN	Voice of China, Beijing 1	(Apr-Oct: 2300-)0000-1100 C, ck 4750(ID), (= 7290)	MAR19

## DBS-21 Part 3 April 2019

### Stations between 2 and 26 MHz deleted from the DBS since April 2014

(Stations changing frequencies are normally not included here)

kHz	ITU	Station	Last log	kHz	ITU	Station	Last log
2325	AUS	VL8T, Tennant Creek, NT	JAN17	5010	TWN	R Taiwan Int., Kouhu	MAR16
2349,8	KRE	KCBS, Sariwon	DEC14	5025	AUS	VL8K, Katherine, NT	JAN17
2368,5	AUS	R Symban, Marrickville, Sydney	AUG15	5035,1	B	R Rio Mar, Manaus, AM	JUL16
2485	AUS	VL8K, Katherine, NT	JAN17	5070	USA	WWCR, Nashville, Tennessee	NOV15
3195	USA	WWCR, Nashville, Tennessee	JAN16	5460	PRU	R Bolivar, Bolivar, La Libertad	FEB16
3205	PNG	NBC Sandaun, Vanimo, West Sepik	APR15	5770	S	R Nord Revival, The Castle, Vaxholm	AUG14
3210	AUS	Vintage FM relay, Razorback Range	JAN15	5895	S	R Dellen International, Delsbo	JUN14
3230	AFS	SABC, Meyerton	MAR15	5900	RUS	R Rossii, Razdolnoye, Vladivostok	SEP16
3230	AFS	So. African R League, Meyerton	AUG18	5925	VTN	Voice of Vietnam 2, Xuan Mai, Hanoi	OCT18
3250	KRE	PBS, Pyongyang	JAN18	5940	RUS	Kamchatskoye R, Petropavlovsk	FEB18
3250	USA	WBCQ, Monticello, ME	JUL16	5955	CHN	Voice of Minorities, Beijing 2	DEC14
3255	AFS	BBC, via Meyerton	MAR19	5965	MLA	RTM, Kajang, Kuala Lumpur	NOV14
3320	AFS	SABC, R Sonder Grense, Meyerton	MAR19	5970	B	R Itatiaia, Belo Horizonte, MG	MAY17
3345	AFS	Channel Africa, Meyerton	MAR19	5990,1	B	R Nacional da Amazônia, Brasília, DF	AUG14
3365	PNG	NBC Milne Bay, Alotau	JUN17	6000	B	R Guaíba, Porto Alegre, RS	APR15
3380	EQA	Centro Radiofonico de Imbabura	SEP14	6010	MEX	XEOI R Mil, Ciudad de México	APR14
3385	PNG	NBC East New Britain, Rabaul	MAY15	6020	CHN	Voice of Minorities, CNR8, Beijing 2	OCT15
3905	PNG	NBC New Ireland, Kavieng	APR15	6020	IND	AIR Shimla, Himachal Pradesh	JAN15
3925	J	R Nikkei, Nagara, Chiba, Tokyo	SEP18	6030	MMR	Thazin R, Pyin U Lwin	JAN18
3945	VUT	R Vanuatu, Emten Lagoon	JAN17	6055	RRW	R Rwanda, Kigali	MAR15
3950	S	R Nord Revival, Ringvalla, Sala	JAN15	6060	ARG	LRA1, R Nacional, Buenos Aires	FEB16
3955	G	R Taiwan Int., via Woofferton	MAR18	6075	URG	La Voz de Artigas, Artigas	JUN14
3959	KRE	KCBS, Kanggye	AUG17	6080	B	R Daqui, Goiânia, GO	AUG14
3960	FIN	R Gramox, Hämeenkyrö	DEC14	6080	BLR	Belaruskaje R 1, Kalodzišcy, Minsk	MAR16
3965	F	R Taiwan Int., via Issoudun	MAR15	6089,9	NIG	R Nigeria, Kaduna	DEC17
4319	DGA	AFRTS feeder, Diego Garcia	DEC14	6105	B	R Cultura Filadélfia, Foz do Iguacu, PR	MAY15
4451,2	BOL	R Santa Ana, Santa Ana del Yacuma	JAN16	6105	S	R Nord Revival, Sala	NOV15
4699,9	BOL	R San Miguel, Riberalta, Beni	OCT15	6120	B	Super R Deus é Amor, São Paulo, SP	JUN17
4716,7	BOL	R Yatun Ayllu Yura, San Antonio	APR15	6125	URG	Rdif. Nacional del Uruguay, Santiago	MAR15
4750	INS	RRI Makassar, Sulawesi Selatan	MAY16	6135	YEM	Rep. of Yemen R, San'a	APR15
4754,9	B	R Imaculada Conceição, Cp. Grande	FEB16	6145	CHN	Voice of Minorities, Beijing 2	SEP14
4755,5	FSM	The Cross R, Pohnpei	MAY15	6155,1	BOL	R Fides, La Paz	JAN16
4760	IND	R Kashmir, Leh, Jammu & Kashmir	MAR17	6160	CAN	CKZU Vancouver, BC	SEP16
4760	LBR	ELWA, Monrovia	JUN15	6175	S	R Revival Sweden, Sala	NOV15
4765	B	R Rural, Santarem, PA	JAN15	6180	CHN	Voice of China, Lingshi, Shanxi	DEC14
4765	B	R Integração, Cruzeiro do Sul, AC	FEB18	6205	CNR	Horizon FM, La Corona, Tenerife	APR14
4780	DJI	R Djibouti, Dorale	FEB15	6250	GNE	R Nacional de Guinea, Malabo	AUG17
4789,9	PRU	R Visión, Chiclayo	APR15	7195	UGA	R Uganda, Kampala	JUL14
4790	TJK	BBC, via Yangiyl, Dushanbe	MAR18	7205	AFS	South African R League, Meyerton	NOV16
4795,9	BOL	R Lipez, Uyuni, Potosí	AUG16	7210	IND	AIR Kolkata, Paschim Banga	JAN15
4810	ARM	Armenian Public R, Noratus, Gavar	JAN19	7255	BLR	Belaruskaje R 1, Kalodzišcy, Minsk	MAR16
4810	CLA	Dengê Welat, via Noratus, Armenia	MAR18	7260	VUT	R Vanuatu, Emten Lagoon	OCT17
4820	IND	AIR Kolkata B, Pachim Banga	JAN15	7265	CHN	China Business R, Baoji, Shaanxi	MAR15
4824,4	PRU	La Voz de la Selva, Iquitos	MAY17	7285	AFS	SABC, R Sonder Grense, Meyerton	MAR19
4825	B	R Canção Nova, Cachoeira Paulista, SP	FEB16	7295	MLA	RTM, Kajang, Kuala Lumpur	JUN14
4835	AUS	VL8A, Alice Springs, NT	JAN17	7295	RUS	R Sakha, Yakutsk	APR18
4835	PRU	R Ondas del Sur Oriente, Quillabamba	SEP14	7330	AFS	SABC, R Sonder Grense, Meyerton	MAR19
4840	IND	AIR Mumbai, Maharashtra	OCT14	7345	RUS	R Sakha, Yakutsk	APR18
4845	B	R Meteorologia Paulista, Ibitinga, SP	MAR18	7350	RUS	Rossi, Razdolnoya, Vladivostok	SEP16
4850	IND	AIR Kohima, Nagaland	MAR15	7355	CHN	Voice of Zhonghua, Beijing	NOV17
4860	IND	AIR Shimla, Himachal Pradesh	APR15	7430	S	R Revival Sweden, Ringvalla, Sala	JUL15
4870	INS	RRI Wamena, Propinsi Papua	MAY17	7435	VTN	Voice of Vietnam, Son Tay	APR18
4880	CLA	Short Wave R Africa, via Meyerton	JUL14	7440	IND	AIR Lucknow, Utter Pradesh	JAN16
4880	IND	AIR Lucknow, Uttar Pradesh	MAR16	7440	S	R Nord Revival, Ringvalla, Sala	APR15
4885	B	R Maria, Anápolis, GO	SEP14	9295	S	R Nord Revival, Ringvalla, Sala	AUG14
4895	AFS	So. African R League, Meyerton	FEB19	9405	S	R Revival Sweden, Ringvalla, Sala	AUG15
4910	AUS	VL8T, Tennant Creek, NT	JAN17	9425	IND	AIR Delhi, Khampur	MAR16
4914,9	B	R Difusora Macapá, Macapá, AP	NOV15	9455	CHN	Voice of China, Lingshi, Shanxi	SEP14
4915	B	R Daqui, Goiânia, GO	JUN17	9460	MMR	Thazin R, Pyin U Lwin	JUN17
4958	BOL	R Dif. Tropico, Trinidad, Beni	AUG14	9530	B	R Transmundial, Santa Maria, RS	NOV17
4975	B	R Iguatemi, Osasco, SP	APR15	9530	VTN	Voice of Vietnam 1, Xuan Mai, Hanoi	NOV15
4976	UGA	UBC R, Kampala	APR15	9535	GEO	Apsua R, Abkhaz State R, Sokhumi	NOV14
4990	CHN	Hunan PBS, Changsha, Hunan	JAN18	9545	SLM	SIBC, Honiara	MAR17
4990	IND	AIR Itanagar, Arunachal Pradesh	SEP15	9586,8	B	Super R Deus é Amor, São Paulo, SP	DEC15
5010	CHN	Voice of China jamming Taiwan	MAR16	9595	J	R Nikkei, Nagara, Chiba, Tokyo	SEP18

9600	CHN	Xinjiang PBS, Urumqi, Xinjiang	OCT17
9615	CHN	Voice of Minorities, Beijing 2	AUG14
9625	BOL	R Fides, La Paz	APR14
9645	CHN	Voice of Minorities, Beijing 2	MAY14
9655	CHN	Uighur Sce (CNR 13), Lingshi, Shanxi	NOV17
9760	J	R Nikkei, Nagara, Chiba, Tokyo	JUN18
9674,8	PRU	Pacífico R, Lima	OCT14
9675	B	R Canção Nova, Cachoeira Paulista	FEB18
9680	INS	RRI Jakarta, Cimanggis	DEC14
9694,9	B	R Rio Mar, Manaus, AM	OCT15
9705	ETH	R Ethiopia, Geja Jewe, Addis Ababa	OCT14
9705	NGR	La Voix du Sahel, Niamey	OCT13
9730	MMR	Myanma R, Naypyidaw	DEC14
9745	TWN	Voice of Kuanghua, Kuanyin	FEB15
9774	TWN	Fu Hsing Brc. Corp., Kuanyin	JUN16
9850	VTN	Dai Tieng Noi Vietnam, Hanoi	JUN17
9865	S	R Revival Sweden, Sala	MAR15
9895	RUS	R Rossi, Razdolnoya, Vladivostok	SEP16
11735	B	R Transmundial, Santa Maria, RS	AUG18
11765	B	Super R Deus é Amor, Curitiba, PR	JAN18
11830	B	R Daqui, Goiânia, GO	JAN18
11915	B	R Gaúcha, Porto Alegre, RS	APR18
11980	UKR	Dniprovskia Khvyliia, Zaporizhia	JAN15
12759	DGA	AFRTS feeder, Diego Garcia	OCT14
15375	TWN	Fu Hsing Brc. Corp., Kuanyin	FEB16
15670	CHN	Voice of Minorities, Beijing 2	OCT14
17760	AFS	South African R League, Meyerton	MAR19
17875	CHN	Voice of Shenzhou, Beijing	JUN17
25900	RUS	R Zelyonyy glaz, MTUSI, Moscow	APR14

**For your notes:**