kHz	Code	Station	Location	Country		comments	recent // kHz	1978-84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	
153	RTA1	RTA Chaîne 1	Béchar	Algeria	M	Shown as inactive in 2018 WRTH	549; 891			>	R											SW		+			SW																
162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																										JF/TB						<					
162	*TRT*	*TRT*	*Agri*	*Turkey*	M	ex Ardahan 1/2/86; not listed in 2010 WRTH			>									SW				SW			+		SW						<										
171	*Rossii*	*R Rossii*	*Oyash ?? Siberia*	*Russia*	*A*	not listed in 2015 WRTH																					SW			SW								<					
171	Medi1	Medi-1	Nador	Morocco	M	ex 173kHz 1/2/86	9575	R				R							+		+	SW	+	+			SW						JF/TB									CG	
180	*TRT 4*	*TRT 4*	*Polati*	*Turkey*	*M*	ex 182kHz 1/2/86; not listed in 2010 WRTH	964, 1017															SW	+	+	+	§	SW						<										
189	*Rossii*	*R Rossii*	*Konstantinogradovka*	*Russia*	*A*	not listed in 2015 WRTH																										JF/TB						<					
200	*RTA*	*RTA*		*Algeria*	*M*	*to 198kHz 21/4/88*						SW																															
200	*TRT*	*TRT*	*Etimesgut*	*Turkey*	*M*	*to 198kHz 1/2/88*		12/79;DTA																																			
207	SNRT	SNRT A	Azilal	Morocco	M	ex 209kHz 1/2/88; rep inactive	594; 15345	R					SW						+		+		DK	+		SW	SW																
216	*Rossii*	*R Rossii*	*Krasnoyarsk, Siberia*	*Russia*	*A*	two stations listed; not listed in 2015 WRTH						ex 218kHz 1/2/88										SW								SW		TB	+	SW				<						
225	*Rossii*	*R Rossii*	*Surgut, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																											+	SW				<						PL first
225	*TRT*	*TRT*	*Van*	*Turkey*	*M*	not listed in 2010 WRTH						ex 227kHz 1/2/88			>			SW					TB									<										
234	*Rossii*	*R Rossii*	*Angarsk, Siberia*	*Russia*	*A*	two stations listed; not listed in 2015 WRTH																											JF/TB					<					
243	*Ch2*	*Ch2*	*Almaty*	*Kazakhstan*	A	not listed in 2009 WRTH								ex 245kHz 1/2/90				SW					SW																				
243	*TRT*	*TRT*	*Erzurum*	*Turkey*	*M*	not listed in 2010 WRTH	1062							ex 245kHz 1/2/90				SW				SW	+	+			SW			SW			<										
252	*TR1*	*TR1*	*Yangiyul*	*Tajikistan*	*A*	not listed in 2014 WRTH																				SW											<						
252	*Rossii*	*Rossii*	*Kazan*	*Russia*	M	not listed in 2015 WRTH																										JF/TB						<					
252	RTA3	RTA Chaîne 3	Tipaza	Algeria	M			R	R	R	R	R	R	ex 254kHz 1/2/90					+	+		+	+	+		+++	+++	+							TB	TB/JF							
261	*Mayak*	*R Mayak*	*Chita*	*Russia*	*A*	Mayak not listed in 2009 WRTH																										TB<											
270	*Rossii*	*R Rossii*	*Novosibirsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH	1395							ex 272kHz 1/2/90								SW	SW	+														<					
279	*Rossii*	*R Rossii*	*Yekaterinburg, Siberia*	*Russia*	*A*	multiple sies listed; not list	1395							ex 281kHz 1/2/90									SW	+								TB	JF/TB	TB/JF				<					
279	Turkmen	Turkmen R 1	Asgabat	Turkmenistan	A		5015							ex 281kHz 1/2/90				SW				SW	+	+	+	+	+	+	+			TB								§			
531	*Mayak*	*R Mayak*	*Cheboksary*	*Russia*	M	not listed in 2015 WRTH																										JF/TB	JF/TB					<					
531	PBS Zhejiang	Zhejiang PBS	Jinhua	China	A																											JF/TB											
531	IRIB Iran	IRIB R Iran	Iranshahr	Iran	M	2 sites listed; reported as Sarasarye, Hamadan	1503																big power boost 2003				SW	+	+				§	TB/JF			§		JWe				
531	RTAJ	RTA Jil FM	F'Kirina	Algeria	M	was listed to 2013 as RTA Chaîne 1 Aïn Beïda	549; 891	+		+			DAK			SW			NH	+			+	+	+										TB	mah		SW	JH			SC	
540	CNR1	CNR1	Shengyang/Hefei	China	A																											JF/TB	JF/TB										
540	*Mayak*	*R Mayak*	*Orenburg*	*Russia*	*A*	not listed in 2014 WRTH																											JF/TB				<						
540	Kuwait	R Kuwait	Kabd	Kuwait	M			05/84;HE																													§						
540	SNRT	SNRT A/R	Sidi Bennour	Morocco	M		11920						+	+				+					+	+	+	+			+				TB			§	+					AB	
540	*IRIB*	*IRIB*	*Mashhad*	*Iran*	*M*	*not listed in 2018 WRTH*																										§	+	PL	+		§				<		
540	*SPLAJBC*	*SPLAJBC*	*Tripoli*	*Libya*	*M*			*05/81;HE*																																			
549	RTAJ	RTA Jil FM	Sidi Hamadouche	Algeria	M	was listed to 2013 as RTA Chaîne 1	891; 153; 531	R;+		+			+					+		+			+	+	+		SW		+						TB	§			JH			SC	
558	JOCR	JOCR-CRK	Kobe	Japan	A																											JF/TB	mah										
558	PBS Xinjiang	Xinjiang PBS	Hutubi	China	A																											§	+	TB/JF	§	§	+		§				
558	IRIB	IRIB	Sixteen sites listed	Iran	M	was listed as Farhang at Geslagh	1152																					§				+	++		§	§	§			§	§		
567	*Rossii*	*R Rossii*	*Kyzyl, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																										JF/TB					<						
567	JOIK	JOIK-NHK1	Sapporo	Japan	A																												++			mah	mah						TB-C first
567	*Syrian*	*Syrian Radio*	*Adra*	*Syria*	M	not listed in 2017 WRTH																											PL							<			
567	BSKSA	BSKSA Quran Prog	Two sites listed - Jeddah (Bahrah)/Afif	Saudi Arabia	M																															§	§						
567	AIR	AIR	Dibrugarh	India	A																																			§			
576	Nepal	R Nepal	Surkhet	Nepal	A																														§								
576	AIR	AIR	Alappuzha	India	A																															§	§			JF			
576	IRIB	IRIB VOIRI	Bandar-e Mahshahr	Iran	M	VOIRI																														§							
576	IRIB Maku	IRIB Maku	Maku	Iran	M	Reg Svce																																	§				
576	MRTV	MRTV	Yangon	Myanmar	A																																			§	§		
576	*Uzbek*	*Uzbek R*	*Tashkent*	*Uzbekistan*	A	not listed here may be 756; no Uzbek radio listed on MW in 2012																									§			<									
576	*Mayak*	*R Mayak*	*Four sites listed*	*Russia*	*A*	not listed in 2014 WRTH																										JF/TB	+	TB/JF		TB-L	<						
576	RTA	RTA Local	Béchar	Algeria	M								DAK																							<						SC	
585	AIR	AIR	Nagpur A	India	A		4800																					§			§	§			§		§		mah	+			
585	*Rossii*	*Vesti FM*	*Perm*	*Russia*	M	Vesti not listed on this channel; not listed in 2016 WRTH																										JF/TB	JF/TB						<				
585	JOPG	JOPG-NHK1	Kushiro	Japan	A																												TB-C										
585	BSKSA	BSKSA	Riyadh	Saudi Arabia	M		1440;1521	+	HE							Sh			NH			§			SW											§	§						
585	ERTT	ERTT Nat Prog	Gafsa	Tunisia	M		603; 630; 684	3/81;HE												BM																							
585	IRIB	IRIB Farhang	Tehran (Geslagh)	Iran	M																							§					PL		§	§					+		
585	PBC	PBC Radio Pakistan	Islamabad	Pakistan	A																																		§	+	+		
593	*R Nigeria*	*R Nigeria*	*Kaduna*	*Nigeria*	*M*	*to 594 in '81*		02/80;HE<																																			
594	JOAK	JOAK-NHK1	Tokyo	Japan	A																											JF/TB	+	+		+	mah				JF	JF	
594	*Mayak*	*R Mayak*	*Krasnoyarsk, Siberia*	*Russia*	*A*	two stations listed; not listed in 2014 WRTH																											JF/TB	PL		TB-L	<						
594	BSKSA	BSKSA	Duba	Saudi Arabia	M	three sites listed from 2013 WRTH										Sh																				§	§						
594	SNRT	SNRT A/R	Oujda	Morocco	M	ex 593; listed 595 since 2011 WRTH	15345	3/83;EB						SW									+	+	+	SW	SW	+	+			§			SW	§		SW				AB	
594	IRIB	IRIB	Zahedan	Iran	M																													PL	§	§	§		+	§			

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																								JF/TB						<					
594	Rossii	R Rossii	Izhevsk	Russia	M	not listed in 2016 WRTH																									JF/TB	TB/JF		§			<				
594	PBS Xizang	Xizang PBS	Lhasa	China	A	ex-Tibet																											§		§						
594	MRTV	MRTV	Nay Pyi Daw	Myanmar	A																													§				§			
594	FRCN	FRCN	Kaduna	Nigeria	M																													§			§		mah		
594	AIR	AIR	Chinsurah	India	A																														§			+	§	JF	
594	TRT	TRT1	Malatya	Turkey	M	not listed in 2011 WRTH	954																					§				<									
600	BED76; CBS	BED76; CBS	Luchiang	Taiwan	A			++	+++	++	+	+		<	now 603kHz																										
603	CRI	CRI	Dongfang, Hainan	China	A																								mah	§	+	+			+	mah	§	§	§			
603	HLSA	HLSA KBS	Namyang	S Korea	A																									§	JF/TB	JF/TB	TB/JF									
603	AIR	AIR	Ajmer	India	A																																	JF	§		
603	CBS	CBS (RTI)	Lukang	Taiwan	A	not listed in 2013 WRTH	1008														§	§	§	§			mah		mah					<							
603	BSRI	BSRI	Nineva	Iraq	M			12/83;HE																																	
603	Capital R	Capital R	Transkei	South Africa	M	1979- 11/1996		08/80;DK										<																							
603	RDP	RDP Emisor Regional Madeira	Pico de Areerio	Madeira	M	shown as inactive from 2011 WRTH due to tower collapse; not listed in 2013 WRTH		08/82;BD																§																	
612	JOLK	JOLK NHK1	Fukuoka	Japan	A																										JF/TB	TB-C								JF	
612	Kwara	R Kwara	Ilorin, Kwara State	Nigeria	M					A																								<							
612	SNRT	SNRT A	Sebaa-Aioun	Morocco	M		207 15345			SW			DAK						+			+		+	SW	SW	§	SW		SW					§	+					AB	
612	IRIB	IRIB	Qasr-e-Shirin	Iran	M											Sh																								JF	
612	AIR	AIR	Bengaluru A	India	A	Incorrectly listed in earlier editions as Indore.																											§					JF			
612	RTI	RTI	Lukang	Taiwan	A	not listed in 2018 WRTH																													JF	JF	JF		<		
612	Kyrgyz	Kyrgyz R	Bishkek	Kyrgyzstan	A																														JF			§			
612	BSKSA	BSKSA	Two sites listed	Saudi Arabia	M	Al-Aflaj and Hail																													§						
612	BRTC	R Bahrain Quran	Abu Hayan	Bahrain	M																																		BD		
612	Mayak	R Mayak	Norilsk, Siberia	Russia	A	not listed in 2014 WRTH																									PL				<						
612	RTT	RTT	Tunis	Tunisia	M			1/80;CC																																	
621	PBS Heilongjiang	Heilongjiang PBS	Harbin	China	A																										JF/TB										
621	AIR	AIR	Patna A	India	A																											§			§				§		
621	Botswana	R Botswana	Selebi-Phikwe	Botswana	M			08/82;BD																																	
621	ERTU	ERTU/ V o the Arabs	Batra / Tanta	Egypt	M	Tanta listed from 2018	11665; 15285	+	§				DAK								§	+	+		SW		+	SW						§			mah			
621	RNE1	RNE-1	Santa Cruz de Tenerife	Canary Islands	M			02/84;HE																§																	
621	IRIB	IRIB	Bandar Abbas	Iran	M	Bandar Abbas and Birjand were listed; only BA from 2018 WRTH																									JF/TB										
621	Rossii	R Rossii	Two sites listed	Russia	M	not listed in 2016 WRTH																										JF/TB					<				
621	Deewa	Deewa R (VOA)	Khost	Afghanistan	M																													MTD	§						
630	Russia	Voice of Russia	Komsomolsk	Russia	A	not listed in 2016 WRTH																										TB-C					<				
630	ERTT	ERTT	Tunis	Tunisia	M		11730	+	+	SW			+					+	SW	SW	+	SW		+	+		SW	+	SW						§					SC	
639	CNR1	CNR1	Beijing	China	A	Chengdu also listed																						mah		§		+			§						
639	HLKC	KBS Gaebong	Gaebong	S Korea	A	not listed in 2013 WRTH																									JF/TB				<						
639	Rossii	R Rossii	Omsk	Russia	A	not listed in 2016 WRTH																										JF/TB					<				
639	IRIB	IRIB	Bonab	Iran	M																												§								
648	AIR	AIR	Indore A	India	A		4840																					§			§	+	PL	§			+	+	§		
648	BSKSA	BSKSA	Jeddah (Khumra)	Saudi Arabia	M											Sh																									
648	Gambia	R Gambia	Bonto	Gambia	M	not listed in 2014 WRTH				A																							§		<						
648	Nepal	R Nepal	Dhankuta	Nepal	A	Was listed at Pokhara																											§								
648	IRIB	IRIB	Sahr-e-Kord	Iran	M	was listed as Sefiddasht; not listed in 2018 WRTH																												PL			mah				
648	AFN	AFN	Okinawa	Japan	A																														§						
648	Asianet	Asianet R		UAE	M	not listed in 2009 WRH																							>SW		<										
657	AIR	AIR	Kolkata A	India	A																							§			§	§							JF			
657	PBS	Pyongyang BS	Kangnam	N Korea	A																										JF/TB										
657	PBS Henan	Henan PBS	Zhengzhou	China	A																											+									Sheigra first
657	IRIB	IRIB	Two sites listed	Iran	M	Zahedan and Kiashahr																									§								JF		
657	KAN	KAN Pr. B	Yavne	Israel	M	not listed in 2010 WRTH; back from 2011; was Kol until 15.5.17														PB			SW		SW								><		§							
657	Asianet	Asianet R	Al-Dhabbiya	UAE	M																														§						
657	CNR1	CNR1	Henan	China	A	Not listed																									JF/TB										
666	JOBK	JOBK-NHK1	Osaka	Japan	A																											++								JF	Sheigra first
666	Mayak	R Mayak	Komsomolsk	Russia	A	not listed in 2014 WRTH																										TB-C			<						
666	PBS Qinghai	Qinghai RGD	Xining	China	A																											JF/TB									
666	IRIB	IRIB	Six sites listed	Iran	M	Was Shushtar only to 2018																						§			§		§		§		mah		JF		
666	AIR	AIR	Delhi B	India	A																													§				+		BD	
675	Homeland	Voice of Homeland	Benghazi	Libya	M	Listed as inactive in 2016 WRTH; was LJBC																						§	PL			§							JWe		
675	Vietnam1	Voice of Vietnam 1	My Hao	Vietnam	A																														§			§		BD	
675	IRIB	IRIB	Hamadan	Iran	M	not listed in 2018 WRTH																															mah		<		
675	QRTC	Qatar RTC	Al Arish	Qatar	M																																	++	+	BD	JF first
675	AIR	AIR	Itanagar	India	A																																		§		
680	R Hanoi	R Hanoi	Hanoi	N Vietnam	A					§								<	to 675 in 1994																						

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162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																									JF/TB						<					
684	AIR	AIR	Three sites listed; Kozhikode A; Port Blair; Kargil A	India	A																									§	§								JF			
684	CRI	CRI	Dongfang, Hainan	China	A																									§												
684	PBS Xinjiang	Xinjiang PBS	Hotan	China	A																										JF/TB											
684	IRIB	IRIB Reg	Gaem/Mashhad	Iran	M																									§	§	+	+		§	§		+	§	JF		
684	BSKSA	BSKSA	Two sites listed	Saudi Arabia	M	Jeddah (Bahrah) and Riyadh																													§							
684	ERTT	ERTT	Medenine	Tunisia	M																														§	§						
693	JOAB	JOAB NHK2	Tokyo	Japan	A																										mah										JF	
693	RTA2	RTA Chaîne 2	Ain-el-Hammam	Algeria	M												SW																									
693	Betar	Bangladesh Betar	Dhaka-A	Bangladesh	A																																		JF			
700	*RASD*	*RASD*	*unknown*	*Algeria*	*M*	not listed in 2010 WRTH																				>SW		SW	BD													
702	AIR	AIR	Jalandhar A	India	A			02/82;BD								Sh											§											JF	§		
702	PBS Xinjiang	Xinjiang PBS	Urumqi	China	A																										+	§										Sheigra first
702	*IRIB*	*IRIB*	*Bushehr*	*Iran*	M	date of logging lost; not listed in 2016 WRTH; listed in 2017; not in 2018																					§	JWe		§		§					JWe<	>				
702	IRIB-E	IRIB-E	Kiashahr	Iran	M																									§		§					§	§	§			
702	TRT	TRT 1	Catalca	Turkey	M	shown as inactive since 2015 WRTH	180																§	§			§		PL													
702	BBC	BBC WS	A'Seela	Oman	M																									§											BD	
702	JO--	JO--	Two NHK sites listed (Horoshima; Kitami)	Japan	A																														mah							
702	*SNRT*	*SNRT C*	*Sebaa-Aioun*	*Morocco*	*M*	not listed in 2011 WRTH		10/81;CR								Sh																										
710	*Syria*	*?*	*?*	*Syria*	M			02/84;HE																																		
711	HLKA	HLKA KBS	Sorae	S Korea	A		1467; 3930																	§							JF/TB											
711	Kuanghua	V.o.Kuanghua	Hsinfeng	Taiwan	A																			§						§		§	TB/JF		§	+			JF	+	JF	
711	AIR	AIR	Siliguri	India	A																										§								+	§	mah	
711	PBS Qinghai	Qinghai RGD	Golmud	China	A																											JF/TB										
711	SNRT	SNRT A/R	Laayoune	Morocco	M	shownb as inactive 2016 WRTH						DAK							SW		§			§																	
711	IRIB	IRIB	Ahvaz	Iran	M																												PL		§				§	JF		
711	BED92	BCC Country Network	Tainan	Taiwan	A																															JF	JF	JF		JF		
711	PBC	PBC Radio Pakistan	Dera Ismail Khan	Pakistan	A																																		§	§		
711	*Rossii*	*R Rossii*	*Nikolayevesk*	*Russia*	A	Two sites were listed until 2013; not listed in 2016 WRTH																									JF/TB	JF/TB						<				
711	*Voice of Africa*	*Voice of Africa*	*3 sites*	*Libya*	*M*	not listed in 2009 WRTH	1251; 17725; 15435					DAK	DAK					NH				+	+		§		§														
720	AIR	AIR	Chennai A	India	A		4800 4840																				§				§								JF			
720	CNR16	CNR16	Beijing	China	A	Beijubg TX was listed as CNR2																									JF/TB	JF/TB										
720	KCBS	KCBS	Kanggye	N Korea	A																										JF/TB											
720	*Russia*	*Voice of Russia*	*Vestochka*	*Russia*	A	not listed in 2016 WRTH																										TB-C						<				
720	BBC	BBC WS	Zakaki	Cyprus	M								DT																						TB/JF						
720	IRIB	IRIB	Two sites listed	Iran	M	Mahidasht/Taybad									Sh																§			§	§			mah	§	JF		
720	RNE5	RNE-5	Santa Cruz de Tenerife	Canary Islands	M	ex RCE EFJ57					BD							BD						§																		
720	BED58	BCC News Network	Taichung	Taiwan	A																																JF					
720	*RTT*	*RTT*	*Sfax*	*Tunisia*	*M*	not listed in 2009 WRTH	585; 603; 630; 684																SW								<											
729	AIR	AIR	Guwahati A	India	A		4940																				§					§							JF			
729	Vietnam2	Voice of Vietnam 2	Quang Binh	Vietnam	A																									§	§	§				§						
729	JOCK	JOCK NHK1	Nagoya	Japan	A																											+										mah first
729	PBS Jiangxi	Jiangxi PBS	Nanchang	China	A																											JF/TB	TB/JF									
730	*Green R. /Gafsa R*	*Green R. /Gafsa R*	*?*	*Libya*	*M*	*clandestine*		*02/80;DTA*																																		
738	AIR	AIR	Hyderabad A	India	A		648 4840																				§							§				§				
738	BEL2	Fishery Broadcasting Sta	Penghu	Taiwan	A		1143																§														JF	JF	+			
738	PBS Xinjiang	Xinjiang PBS	Hutubi	China	A		5960;5060;1494																		§		mah		SW	§	+	+		§	§	+	mah	§	+	+		
738	KAN	KAN Pr. D	Akko	Israel	M	Was Kol until 15.5.17																													§							
738	*IBA*	*IBA*	*Tel Aviv*	*Israel*	*M*	not listed in 2009 WRTH	12140; 5915	10/81;CR		DT																																
747	AIR	AIR	Lucknow A	India	A			03/81;MM																						§	§	§					+	++	++	++		
747	JOIB	JOIB NHK2	Sapporo	Japan	A																							mah		§	+	++	mah		*mah*					mah	JF	
747	HLKH	HLKH KBS1	Gwangju	S Korea	A																											JF/TB										
747	*WYFR*	*WYFR*	*Minhsiung*	*Taiwan*	A	not listed in 2013 WRTH															§																					
747	RNE5	RNE-5	Las Palmas	Canary Islands	M																			§																		
747	IRIB	IRIB	Two sites listed	Iran	M	Gonbad Kavus/Sirjan																									§	+	PL			§		+	mah	JF		
747	BSKSA	BSKSA	Two sites listed - Najran/Buraidah	Saudi Arabia	M	Najran reported																																	JF			
747	*RTB*	*RTB*	*Ouagadougou*	*Upper Volta/ Burkina Faso*	*M*	not listed in 2010 WRTH	4815	++	HE																							<										
747	*Syrian*	*Syrian R 1*	*Sarakeb*	*Syria*	M	not listed in 2015 WRTH		+	HE																						JF/TB						<					
750	*BED2 CBS*	*BED2 CBS*	*Minhsiung*	*Taiwan*	*A*			+	*§*					<	*now 747kHz*																											
750	*PBC*	*PBC Radio Pakistan*	*Quetta*	*Pakistan*	*A*	*now 756kHz*		1/79PW-HE																																		
756	CNR1	CNR1	Harbin, Heilongjiang	China	A	Five sites listed																								§	JF/TB	TB-C										
756	AIR	AIR	Jagdalpur	India	A																																		JF			
756	PBC	PBC Radio Pakistan	Quetta	Pakistan	A																																		JF			

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																								JF/TB						<						
756	BSRI	BSRI	Hurriyah, Baghdad	Iraq	M	not listed in 2010 WRTH		01/83;HE																																		
765	BSKSA	BSKSA	Three sites listed	Saudi Arabia	M	Al Aflaj, Al Hufuf, Qurayyat										Sh								§											§							
765	AIR	AIR	Dharwad A	India	A																													§			mah	+	§	BD		
765	IRIB	IRIB	Chabahar	Iran	M																													§			§		JF			
765	SRTC	SRTC Gen Prg	Khartoum Soba	Sudan	M	was listed as Omdurman to 2017																													PL	§						
765	CNR5	CNR5	Fuzhou	China	A																																				JF	
765	IRIB	IRIB	Sepid Dasht	Iran	M	not listed in 2014 WRTH																													§	§<		§				
765	ORTS	ORTS	Dakar	Senegal	M	not listed in 2009 WRTH		++	++		A	§		AT	AT																											
774	AIR	AIR	Shimla	India	A																							§			§	§					mah	JF				
774	JOUB	JOUB NHK2	Akita	Japan	A																										§	mah	++	+		mah	mah				mah	JF	
774	DWWW	DWWW	Quezon C	Phillipines	A																												§									
774	ERTU	ERTU	Abis	Egypt	M			80-81;RB																																		
774	IRIB	IRIB	Arak	Iran	M																							§			§											
783	Vietnam2	Voice of Vietnam 2	Can Tho	Vietnam	A																										§	§	§			§						
783	BSKSA	BSKSA	Ras al-Khair	Saudi Arabia	M																							§									mah					
783	Mauritanie	R Mauritanie	Nouakchott	Mauritania	M	listed as inactive 2019 WRTH	4845																	DK	+	SW	mah	mah			§	§							+	§		
783	Syrian	Syrian R 1	Tartus	Syria	M		918	08/81;CR										SW			+				+		SW								§	§		§				
783	PBS Hebei	Hebei PBS	Three sites listed	China	A																															§						
783	IRIB	IRIB	Iranshahr	Iran	M																																mah	§	JF			
792	PBS Guangxi	Guangxi PBS	Nanning	China	A			12/80;GD		§																					§											
792	AIR	AIR	Pune A	India	A																											§										
792	HLSQ	HLSQ Seoul BC	Goyang, Seoul	S Korea	A																											JF/TB										
792	IRIB	IRIB	Sohravard (Zanjan)	Iran	M																																				JF	
792	Rossii	R Rossii	Two sites listed	Russia	A	not listed in 2016 WRTH																											TB-C					<				
792	Nepal	R Nepal	Kathmandu	Nepal	A																													§								
801	AIR	AIR	Jabalpur	India	A																							§				§							+	BD	BD	
801	Kuanghua	V.o.Kuanghua	Kuanyin	Taiwan	A																§										§		+			JF			JF			
801	VOA	VOA / VO Russia	Orzu	Tajikistan	A	not listed in 2018 WRTH																											mah							<		
801	IRIB	IRIB	Kashmar	Iran	M																																			JF		
810	Mayak	R Mayak	Yekaterinburg, Siberia	Russia	A	not listed in 2014 WRTH																											PL			<						
819	AIR	AIR	Delhi A	India	A																							§			§	§		§			mah	§	++	§		
819	PBS Shanxi	Shanxi PBS	Yuci	China	A																												§	TB/JF							BD	
819	ERTU	ERTU	Batra	Egypt	M		12050	+					+	+			SW	+			+	SW	+	+	+	§	SW	++	+			§	§			§	§		JH		SC	
819	KCBS	KCBS	Pyongyang	N Korea	A																																JF				JF	
819	BED28	BCC News Network	Taitung	Taiwan	A																																	JF				
819	Betar	Bangladesh Betar	Dhaka	Bangladesh	A																																		+			JF first
819	IRIB	IRIB	Sari	Iran	M																																		§			
819	SNRT	SNRT A	Rabat	Morocco	M	not listed in 2011 WRTH		11/81;CR		+			DAK												+	SW																
827	RTM	RTM	Oujda	Morocco	M	irregular >12/92										SW			+																							
827	Syrian	Syrian R 1	Deir-ez-Zawr	Syria	M	vf: 828kHz; not listed in 2017 WRTH															§				+			§											<			
828	JOBB	JOBB NHK2	Osaka	Japan	A																											mah	++								JF	
828	Beijing	Beijing News R	Beijing	China	A																												§									
828	LJBC	LJBC	Sebha	Libya	M	shown as inactive in 2011 WRTH; not listed 2012	1449	7/79;CC																				§						<								
828	SNRT	SNRT A/R	Oujda	Morocco	M	not listed in 2011 WRTH		2/81;RB		+				DAK				SW																								
837	CNR5	CNR5	Quanzhou, Fujian	China	A																												§		§						JF	
837	IRIB	IRIB Isfahan	Habibabad	Iran	M																										§	PL		§	§				JF			
837	AIR	AIR	Vijayawada A	India	A																																		JF			
837	V.o Islamic Rep. of Iran	V.o Islamic Rep. of Iran	Shiraz	Iran	M	replaced by IRIB Esfahan		01/80;GD																																		
840	RNT	RNT	N'Djamena	Chad	M	shownb as inactive since 2016 WRTH			SW	BD								§																								
845	VOBME	Voice of Broad Masses	Asmara	Eritrea	M	Listec on 837, 840, 945& 950kHz																																	+			
846	Kuanghua	V.o.Kuanghua	Kuanyin	Taiwan	A																§										§		+			+						
846	AIR	AIR	Ahmedabad A	India	A																											§							+	§		
846	Betar	Bangladesh Betar	Rajshahi	Bangladesh	A																																		+			
846	IRIB	IRIB	Miyaneh	Iran	M																																			JF		
846	IMN	IMN	Baghdad	Iraq	M	Rreported inactive since 2009 WRTH; not listed 2016																				§												<				
846	KBC	KBC	Nyamninia	Kenya	M	listed inactive in 2013 WRTH; not listed in 2014 WRTH																					SW									<						
846	Radonezh	R Radonezh	Noginsk	Russia	M	not listed in 2015 WRTH																				§							PL				<					
850	BE... CBS	BE... CBS	Linkou	Taiwan	A	same as above?			++	DS	DT																															
850	BEC49 CBS	BEC49 CBS	Kuang Hua Kaohsiung	Taiwan	A	same as below?					DT																															
855	BSKSA	BSKSA	Ras al-Khair	Saudi Arabia	M		1521																					§								§						
864	AIR	AIR	Shillong	India	A											Sh																							§			
864	HLKR	HLKR KBS	Gangneung	S Korea	A									§																		JF/TB		TB/JF								
864	ERTU	ERTU	Santah	Egypt	M		9755						DAK	DAK		§			+			SW	+	+					+										AD		SC	
864	TWR	Armenian R/TWR/VOA	Gavar	Armenia	M									DAK			SW		SW	LW		§	JPW						DA		§	+		TB/JF	§	§	§		§	§		
864	BED25	BCC News Network	Kaohsiung	Taiwan	A																																JF					
864	BSKSA	BSKSA	Dammam	Saudi Arabia	M	not listed in 2009 WRTH								§		Sh																										
864	RTM	RTM	Errachidia	Morocco	M	not listed in 2009 WRTH								DAK																												
873	JOGB	JOGB NHK2	Kumamoto	Japan	A																										§		TB-C			mah						JF	

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162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																									JF/TB						<					
873	AIR	AIR	Jalandhar B	India	A																										§								++	§	mah	
873	IRIB	IRIB	Bojnurd	Iran	M																															§				JF		
873	BSKSA	BSKSA	Ar-Rass	Saudi Arabia	M																															§						
882	AIR	AIR	Imphal	India	A																										§			§								
882	BSKSA	BSKSA	Dammam	Saudi Arabia	M																														§							
882	IRIB	IRIB	Mahabad	Iran	M																																mah					
882	BEG77	BCC News Network	Hsinchu	Taiwan	A																																	JF				
882	TWR	TWR Asia	Puttalam	Sri Lanka	A																																	JF				
891	HLKB	HLKB KBS	Busan	S Korea	A																										JF/TB											
891	Thailand	R Thailand	Saraburi	Thailand	A																										+				§					BD	BD	Sheigra first
891	RTA1	RTA Chaîne 1	Ouled Fayet	Algeria	M			R										NH	+	+			+	+					+							§						
891	TRT	TRT Reg	Antalya	Turkey	M		954														§							§			§	§										
891	IRIB	IRIB	Yasuj/Dehdasht	Iran	M																														§					++		
891	BED24	BCC Local Network	Tainan	Taiwan	A																															JF	JF	JF	JF	JF	JF	
891	PBS Ningxia	Ningxia PBS	Yinchuan	China	A																															JF			JF	BD	BD	
891	LNBS	LNBS Ultimate FM	Lancers Gap	Lesotho	M																																			JF		
891	AIR	AIR	Rampur	India	A																																			§		
891	*Mayak*	*R Mayak*	*Tyumen, Siberia*	*Russia*	*A*	not listed in 2014 WRTH																											JF			<						
891	*TWR*	*TWR*	*Puttalam*	*Sri Lanka*	*A*	*moved to 882kHz*		*10/79;MM*																																		
891	*PBS*	*PBS*	*(?) Zhongwei, Gansu Prov.*	*China*	*A*			*10/79;MM*																																		
900	PBS Hunan	Hunan PBS	Changsha	China	A																										§											
900	AIR	AIR	Kadapa	India	A																											§		§								
900	CRIDS5	CRI DS5	Beijing	China	A	Was Olympic R; DS4																										§										
900	BSKSA	BSKSA	Qurayyat	Saudi Arabia	M		1521;1440	++		+		+	+	+	+	+			+	+	+	§		SW	SW	SW	SW	§							§						
900	IRIB	IRIB	Tehran (Goldasteh)	Iran	M		1503																					§				§	+		§	+	§		mah		JF	mah	
900	*Moscow*	*R Moscow WS*	*unlisted site*	*USSR*	*M*	central Asia; R Mayak now listed; not listed in 2014 WRTH		9/80;MM																												<						
900	*CBS1*	*CBS1*	*Tanshui*	*Taiwan*	*A*	not listed in 2009 WRTH								§								§																				
900	*Kazakh R.*	*Kazakh R.*	*(Karaturuk) Alma Ata*	*Kazakhstan*	*A*	not listed in 2009 WRTH								§																												
900	*CVC*	*CVC Voice Asia*	*via Dushanbe*	*Tajikistan*	*A*	Test transmission 8.10.08																									§											
908	*BSRI*	*BSRI*	*(Thourah) Baghdad*	*Iraq*	*M*	*now 909kHz*		08/80;HE																																		
910	*Iraqi R*	*Iraqi R*	*Baghdad*	*Iraq*	*M*	not listed in 2009 WRTH																				§																
917	Gotel	R Gotel	Yola, Gongola State	Nigeria	M																											PL						+	++	+	BD	
918	AIR	AIR	Suratgarh	India	A		4860	03/81;MM														§	§		§	§		§		§	§	PL	PL	§	§	§		§	++	++	+	
918	PBS Shandong	Shandong PBS	Jinan	China	A																										§	+	+			mah					+	+	
918	*Rossii*	*R Rossii*	*Arkhangelsk*	*Russia*	M	not listed in 2016 WRTH																										PL	TB/JF					<				
918	IRIB	IRIB	Jiroft	Iran	M																													§						JF		
918	RNK	National R	Phnom Penh	Cambodia	A																																		§	++	BD	
918	*Syrian*	*Syrian R 1*	*Al-Hassake*	*Syria*	M	not listed in 2014 WRTH	12085					DAK	SW									§			+		SW								+	<						
927	CNR6	CNR6	Xiamen, Fujian	China	A			9/79;MM																																		
927	PBS Guizhou	Guizhou PBS	Kaili	China	A			12/80;GD																																		
927	IRIB	IRIB	Dorud	Iran	M																	§						§			+				§	§		+		JF		
927	TRT	TRT 1	Izmir	Turkey	M			+				DAK	DAK		§							SW	+	JPW																		
927	RTA1	RTA1/Local	Timimoun	Algeria	M	Was VoFree Sahara		*83-84;PW*																										§		§		§				
927	DSB	DSB	Dushanbe	Tajikistan	A																														§	+	+	§	++	§		
927	JO-- Wak	JO-- NHK1	Wakkanai	Japan	A	Four NHK1 sites listed																													mah							
927	JO--	JO--	Four NHK sites listed	Japan	A																															mah						
927	BSKSA	BSKSA	Al-Hufuf	Saudi Arabia	M																															§						
927	BED43	BCC Country Network	Taichung	Taiwan	A																																JF	JF	JF		JF	
927	AIR	AIR	Visakhapatnam	India	A																																		+	+		
927	*CBS*	*CBS*	*Matsu(?)/Changchih*	*Taiwan*	*A*	not listed in 2010 WRTH	1098, 15060						§												§	§																
927	*Aribya Al Fateh*	*Aribya Al Fateh*	*Berri Abbas (?)*		*M*	*clandestine*		*80-81;CM*																																		
927	*Kol*	*KOL Pr. B*	*Two sites listed*	*Israel*	M	not listed in 2012 WRTH	657																	SW	+	SW	SW		SW	SW												
936	SNRT	SNRT A/R	Agadir	Morocco	M	Reported inactive 2016 WRTH)		2/81;RB																						PL											AB	
936	IRIB	IRIB	Urmia	Iran	M																											PL	TB/JF	§	§	§		++		JF		
936	BSKSA	BSKSA	Two sites listed	Saudi Arabia	M	Makkah and Riyadh																													§	§						
944	*R Nacional*	*R Nacional*	*Cazenga, Luanda*	*Angola*	*M*	*ex CR6RB; to 945*		02/82;BD				§																														
945	CNR1	CNR1	Jiaohe, Jilin	China	A																								mah		§		++			+					JF	
945	AIR	AIR	Sambalpur	India	A																																		+			
945	IRIB	IRIB	Dehgolan	Iran	M	Dehgolan & Sirjan were listed until 2016																																mah		JF		
945	*Galei*	*Galei Tzahal*	*Yavne*	*Israel*	M	closed June 2015																													§							
945	*Ogun B C*	*Ogun B C*	*Abeokuta, Ogun State*	*Nigeria*	*M*	not listed in 2009 WRTH		07/81;BD																																		
954	AIR	AIR	Najibabad	India	A																										§	PL				§			+	§	mah	
954	*unid*	*unid*	*maybe Haikow*	*China*	A			*12/80;GD*																																		
954	*QRTC*	*Qatar RTC*	*Al Arish*	*Qatar*	M	not listed in 2016 WRTH		05/84;HE							Sh																				§	§						
954	TRT	TRT Reg	Trabzon	Turkey	M	1017, 180		3/82;HE			DT		DAK													§	SW	§			§	§										
954	JOKR	TBS Radio	Tokyo	Japan	A																											mah										
960	*BSDRS*	*BSDRS*	*Soba*	*Sudan*	*M*	*now 963kHz*		10/79;DTA																																		
963	PBS Xinjiang	Xinjiang PBS	Qoqek/Gulja	China	A																										JF/TB	JF/TB										
963	ERTT	ERTT	Tunis (Djedeida)	Tunisia	M			11/80;HE	SW																																	

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																									JF/TB						<					
963	IRIB	IRIB	Birjand	Iran	M																															§		mah	§			
963	AIR	AIR	Jalgaon	India	A																																		JF			
963	BED55	BCC Country Network	Taipei	Taiwan	A																																		JF			
972	HLCA	HLCA KBS	Dangjin	S Korea	A																									§	+	+			§	JF	JF	JF	+	+	+	
972	VOA	VOA / VO Russia	Orzu	Tajikistan	A																										§	+			§				++	+	BD	
972	IRIB	IRIB	Ilam	Iran	M																																	mah		JF		
972	EBC	EBC	Robe	Ethiopia	M																																		BD			
972	AIR	AIR	Cuttack A	India	A																																		JF			
972	Abu Dhabi R	Abu Dhabi R	Fujairah	UAE	M	not listed in 2011 WRTH												PL														<										
972	LJBC	LJBC	Sirt	Libya	M	listed as inactive in 2012 WRTH; not listed in 2013 WRTH	1449																		§			§				PL										
981	AIR	AIR	Raipur	India	A											Sh																		§		§			+			
981	CNR1	CNR1	Five sites listed Changchun/Nanchang	China	A	ex CPBS1; Changchun/Nanchang were listed to 2017	1593; 6750			§												§		§	§					§	+	++	TB/JF	§	+	+	JF				JF	
981	Kuanghua	V of Kuanghua	Hsinfeng	Taiwan	A																									§			TB/JF			+			JF		JF	
981			Aktyubinsk	Kazakhstan	A	not listed in 2009 WRTH		12/83;HE																																		
981	IRIB	IRIB	Hamadan	Iran	M		1503																					§				§		§	§	§						
981	KBC	KBC	Voi	Kenya	M	listed inactive in 2013 WRTH; not listed in 2014 WRTH																			§											<							
981	RTA2	RTA Chaîne 2	Ouled Fayet	Algeria	M	ex 980		R; +		++							+	+	+	+		+	+	+		SW										§					SC	
984	NIRT	NIRT	Kermanshah	Iran	M			+	§																																	
985	VOIRI	VOIRI	Shiraz	Iran	M			10/79;DTA																																		
990	IRIB	IRIB	Shiraz	Iran	M	not listed in 2018 WRTH																										§				§		mah		<		
990	AIR	AIR	Jammu A	India	A																																		JF	§	BD	
999	UBC	UBC R Red Ch	Kabale	Uganda	M	listed inactive in 2018 WRTH																																				
999	BSKSA	BSKSA	Duba	Saudi Arabia	M																														§							
1000	BED62 CBS	BED62 CBS	Luchiang	Taiwan	A	now on 1008kHz		10/83;JF	§	§					<																											
1008	CBS	CBS (RTI)	Lukang	Taiwan	A	not listed in 2015 WRTH	7105, 9630							§								§	§	§	§	§					JF/TB											
1008	JONR	JONR ABC	Osaka	Japan	A																										JF/TB	§										
1008	HLCS	KBS3	Gangneung	S Korea	A	Not listed in 2009 WRTH; was listed at Yangyang																									JF/TB	<		>								
1008	ERTU	ERTU	El Arish/El Fayoum	Egypt	M		621																			SW	SW															
1008	Grupo	Grupo Radio	Las Palmas	Canary Islands	M	ex es, EAJ50, Punto. Shown as inactive since 2008 WRTH		++	§			DT	SW	DAK											§		+			SW					§	§						
1010	PBC	PBC Radio Pakistan	Hyderabad	Pakistan	A	now 1008kHz		1/79PW-HE																																		
1010	Voice of Vietnam	Voice of Vietnam	Hanoi	Vietnam	A	listed 2010 WRTH on1242			+	++			§			§						§																					
1012	YRTC	YRTC	San'a	Yemen	M	vf: 1008kHz; not listed in 2017 WRTH							SW																										<			
1017	CRI	CRI/CNR8	Changchun, Jilin	China	A																									§	mah	+	+		+	+	JF		JF	JF	JF	
1017	IRIB	IRIB	Bandar Abbas	Iran	M	Bandar Abbas and Zahedan; only BA from 2016 WRTH																													§	§				JF		
1017	JOLB	JOLB NHK2	Fukuoka	Japan	A																														mah							
1017	BED53	BCC Country Network	Hsinchu	Taiwan	A																															JF	JF	JF	JF	JF	JF	
1017	R Gongola	R Gongola	Yola, Gongola State	Nigeria	M	not listed in 2009 WRTH		09/82;BD																																		
1017	TRT	TRT-1	Istanbul (Mundanya)	Turkey	M	180, 954; not listed in 2010 WRTH		3/82;HE	HE																	§	SW	§			§	<										
1026	Mayak	R Mayak	Three sites listed	Russia	M	not listed in 2014 WRTH																									JF/TB					<						
1026	Moscow 1/FS	Moscow 1/FS	Novosibirsk, Siberia	Russia	A			03/80;HE																																		
1026	IRIB	IRIB	Azarshahr	Iran	M	was listed as Tabriz		10/79;DTA																										§	§	§				JF		
1035	CNR1	CNR1	Two sites listed Dalian/Wuhan	China	A																									§											JF	
1035	ZB	Newstalk ZB	Wellington	New Zealand	P																											mah										
1035	IRIB	IRIB	Yazd	Iran	M																																			JF		
1044	PBS Xinjiang	Xinjiang PBS	Urumqui/Korla	China	A																					§				§	JF/TB		TB/JF			§						
1044	AIR	AIR	Mumbai A	India	A																										§							mah	§	BD	BD	
1044	CRI	CRI	Changzhou, Jiangsu	China	A																										mah				TB/JF			JF				
1044	SNRT	SNRT C	Sebaa-Aioun	Morocco	M	Reported inactive 2016 WRTH; not listed 2019	1413, 4980						DAK				SW						+																		<	
1053	Homeland	Voice of Homeland	Tripoli	Libya	M																							§				PL										
1053	SNRT	SNRT A/R	Tanger	Morocco	M	not listed in 2011 WRTH	594;612																		§								<									
1062	DZEC	DZEC - Eagle BC	Quezon C	Phillipines	A																										§	§										
1062	HLKQ	HLKQ KBS	Cheongju	S Korea	A																										JF/TB	+										
1062	IRIB	IRIB	Kerman	Iran	M											Sh																§		§	§	§		mah				
1062	TRT	TRT	Diyarbakir	Turkey	M		243	7/81;HE		BD			DAK				SW					SW		+	SW		SW			SW												
1068	SBTO	SBTO	Tartus	Syria	M	now 1071kHz		01/82;CR																																		
1070	AIR	AIR	Rajkot	India	A	now 1071kHz		78;HE																																		
1071	AIR	AIR	Rajkot	India	A	WRTH 2011,2012 showed off air due to new tx		2/82;BD						§		Sh					DT/TB														+++	§	mah	++	++	++	+	
1071	IRIB	IRIB	Qom (Alborz)	Iran	M																							§				PL	PL	§		§						
1071	Al-Nour	R Al-Nour	Tartus	Syria	M																							§							§			§				
1071	BSKSA	BSKSA	Bisha	Saudi Arabia	M																												PL									
1071	JOWM	JOWM STV Radio	Obihiro	Japan	A																														mah							
1071	R Nacional	R Nacional	Bissau	Guinea-Bissau	M			++	HE																																	

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162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																									JF/TB					<					
1080	Turkmen	Turkmen R 1	Serhetabat	Turkmenistan	A		5050																			§															
1080	IRIB	IRIB	Mahshar	Iran	M	Abadan/ Mahshar were listed	6200 1224																	§	§		§		PL	§	§	+		§	+	§			§			
1080			*unlisted*	*Iraq*	*M*	not listed in 2009 WRTH																	§																		
1080	ZB	Newstalk ZB	Auckland	New Zealand	P																									mah		mah									
1080	KAN	KAN Pr. D	Yavne	Israel	M	Was Kol until 15.5.17																												§	§		mah		JF		
1088	*Nacional*	*R Nacional*	*Mulenvos, Luanda*	*Angola*	M	ex CR6RZ; not listed in 2017 WRTH	1502;4950	1/81;BD		BD		BD				Sh		+	+																			<			
1089	*Vesti*	*Vesti FM*	*Tblisskaya*	*Russia*	M	was listed asR Gollos Rossii; not listed in 2016 WRTH																											TB/JF				<				
1089	*BFBS*	*BFBS*	*Akrotiri*	*Cyprus*	*M*	*moved to FM*		*03/81;MW*																																	
1098	CBS	CBS (RTI)	Kouhu	Taiwan	A		1422, 15060																§	§	§					+	§	++	TB/JF	§	+	+	mah	+	++	+	BD	
1098	PBS Xinjiang	Xinjiang PBS	Hami	China	A																			§																	
1098	HLCJ	HLCJ KBS	Jinju	S Korea	A																										JF/TB		TB/JF								
1098	IRIB	IRIB	Zabol	Iran	M											Sh																									
1098	CNR11	CNR11	Golmud	China	A																													§	§	JF	JF		+	JF	+	
1098	CNR1	CNR1	Golmud	China	A																														§	§						
1098	BSKSA	BSKSA	Dammam	Saudi Arabia	M																														§							
1098	*R Bophuthatswana*	*R Bophuthatswana*	*Ga-Rankuwa*	*Bophuthatswana*	*M*	not listed in 2009 WRTH		06/80;DK																																	
1098	*RCE Santa Cruz*	*RCE Santa Cruz*	*Santa Cruz de Palma*	*Canary Islands*	*M*	ex ECS16; not listed in 2009 WRTH						DT	SW																												
1100	*BED97 CBS*	*BED97 CBS*	*Tanhsui*	*Taiwan*	*A*				DS	A									<																						
1107	PBS Xinjiang	Xinjiang PBS	Hutubi	China	A		4330																			§					JF/TB		TB/JF		§	§	JF				
1107	Afghan	R TV Afghanistan	Kabul	Afghanistan	M																																		+	BD		BD/JF first
1107	*ERTU*	*ERTU*	*Batra*	*Egypt*	M	not listed in 2012 WRTH								AT																				<							
1116	CNR5	CNR5	Shaowu, Fujian	China	A																									§	§	§	mah			mah		JF			
1116	AIR	AIR	Srinagar A	India	A																										§				§			§		BD	
1116	*IRIB*	*IRIB*	*Ardakan*	*Iran*	M	Listed as inactive in 2011 WRTH; not listed 2019																											PL	§	§	§		mah			<	
1120	*IRIB*	*IRIB*	*Bandar Lengeh*	*Iran*	M	*now 1116kHz*										Sh																									
1121	*V o Rebellious Iraq*	*V o Rebellious Iraq*	*Bandar Lengeh*	*Iran*	M	*vf: 1119-1121kHz; to 1116*														+																					
1125	*LJBC*	*R Free Libya*	*El Beida*	*Libya*	M	listed in 2015 WRTH as 1126kHz and inactive; not listed in 2017 WRTH																		§								mah									
1125	IRIB	IRIB	Qazvin	Iran	M																																mah				
1134	AIR	AIR	Chinsurah (Mogra)	India	A					§					§	Sh	BD					§	§		§	§										mah	+				
1134	*CNR1*	*CNR1*	*Golmud, Qinghai*	*China*	*A*	not listed in 2014 WRTH	6015 4800																			§		mah	mah	mah	+	++	++				<				
1134	HLKC	HLKC KBS	Hwaseong	S Korea	A																									§	JF/TB	+	mah			JF	JF	JF	JF	JF	
1134	JOQR	JOQR NCB Bunka Hoso	Tokyo	Japan	A																											TB-C			mah						
1134	Kuwait	R Kuwait	Kabd	Kuwait	M		9880; 15505; 9855, 11900		GP												§	§	§	§	§	§		§							§	§			BD		
1134	*Mayak*	*R Mayak*	*Murmansk*	*Russia*	M	not listed in 2014 WRTH																											TB/JF			<					
1134	IRIB	IRIB	Kaleybar	Iran	M	Bojnurd/Kalibar were listed to 2017 WRTH																												§							
1143	BEL3	Fishery Broadcasting Sta	Penghu	Taiwan	A		738																	§									TB/JF				JF	JF	JF	++	+	
1143	IRIB	IRIB	Yasuj	Iran	M											Sh																						mah			
1143	AIR	AIR	Rohtak	India	A																																	§	+	§	+	
1143	Free K	R Free Korea	Goyang	S Korea	A	clandestine																																	JF	JF		
1143	*DWVA VOA relay*	*DWVA VOA relay*	*Poro Point*	*Phillipines*	*A*	briefly 1147.5 till 1/2/95; not listed 2010 WRTH	9760			§			§				<?		>	§	+	§	§	§	§	§		SW													
1143	*Mayak*	*R Mayak*	*Tayshet, Siberia*	*Russia*	A	not listed in 2014 WRTH																										JF/TB				<					
1143	*Rossii*	*R Rossii*	*Unkown location*	*Russia*	M	Not listed in 2010 WRTH																										mah<									
1152	*IRIB*	*IRIB*	*Tabriz*	*Iran*	*M*	Reported as R.Farhang; Listed as inactive since 2011 WRTH; not listed in 2013 WRTH	558									Sh												§													
1160	*R Naft-e-Melli*	*R Naft-e-Melli*	*Abadan*	*Iran*	M					MM																															
1161	ERTU	ERTU Reg Prog	Tanta	Egypt	M		12050																	TR/SW																	
1161	IRIB	IRIB	Qasr-e Shirin	Iran	M		1224, 15125																			§		§		PL					§	§		mah			
1169	*IRIB*	*IRIB*	*Semnan*	*Iran*	*M*	not listed in 2010 WRH	1503																					§													
1170	HLSR	HLSR KBS	Gimje	S Korea	A																	§									§	§	TB-C	TB/JF			JF		JF	JF		
1170	*VOA*	*VOA*	*Poro Point*	*Phillipines*	A	Reported inactive 2016 WRTH; not listed 2019																									§	++	++	++	+	§					<	
1170	CNR1	CNR1	Ji'an, Jiangxi	China	A	only outlet listed in 2010 WRTH																											+	TB/JF		§						mah first
1170	PBC	PBC Radio Pakistan	Peshawar-III	Pakistan	A																																		JF			
1170	Yemen	V o Republic of Yemen	Dhabbiyah	UAE	*M*	ex R Sawa, R Fearda; not listed only in 2015 WRTH																					CHECK	CHECK	SW						§		<	>		BD	BD	
1175	*R Ras al Khaima*	*R Ras al Khaima*	*Ras al Khaima*	*UAE*	*M*	*to 1152kHz in 1983*		03/81;BD<																																	
1179	AIR	AIR	Rewa	India	A			02/83;MB																																	

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																									JF/TB						<					
1179	Club	R Club de Tenerife	Tenerife	Canary Islands	M																				§																	
1179	PBS Karamay	Karamay News BC	Karamay, Xinjiang	China	A																												TB/UF									
1179	JOOR	JOOR - MBS	Osaka	Japan	A																														mah				JF			
1188	AIR	AIR	Mumbai C	India	A																	§																				
1188	HLKX	HLKX FEBC	Seoul / Siheung	S Korea	A																	§													mah		JF					
1188	CRI	CRI	Kunming, Yunan	China	A																										§	+					mah		§			
1188	JOKP	JOKP NHK1	Kitami	Japan	A																										JF/TB				mah			JF	JF		JF	
1188	IRIB Pay	IRIB R Payam	Tehran	Iran	M																	§						§						§	§	§		+	§	§		
1197	IRIB	IRIB R Ardabil	Moghan	Iran	M										Sh																											
1197	RTM	RTM	Agadir	Morocco	M	not listed in 2010 WRH						DAK																				<										
1197	V o Masses	V o Masses	Nineva	Iraq	M			11/81;HE				DAK	DAK																													
1197	LNBS	LNBS Ultimate FM	Lancers Gap	Lesotho	M	ex Family R, BBC									SW	JBy																										
1200	BED50 CBS	BED50 CBS	Minhsiung	Taiwan	A	now on 1206kHz		+	§																																	
1206	CBS	CBS (RTI)	Minxiong	Taiwan	A																		§	§																		
1206	PBS Yanbian	Yanbian PBS	Longjing, Jilin	China	A																											PL	TB/UF									BD
1206	KAN	KAN Pr. D	Akko	Israel	M	Was Kol until 15.5.17	5915					DAK	+		§		SW			+	++	+	+		SW									§				mah	§		
1206	AIR	AIR	Bhawanipatna	India	A																													§				+		BD	
1206	PBS Shanxi	Shanxi PBS	Shuozhou	China	A																																	JF			
1206	RGD Jiangsu	Jiangsu RGD	Nanjing	China	A																																		§		
1206	Inhambane	Em Prov de Inhambane	Inhambane	Mozambique	M																																			BD	
1206	Kurdistan	Vo People of Kurdistan	Suleimaniyah	Iraq	M	Kurdish northern Iraq; not listed in 2012 WRTH																	+				§							<							
1206	SLBS	SLBS	Goderich	Sierra Leone	M			09/82;MM																																		
1215	ECS4 RCE	ECS4 RCE	Las Palmas	Canary Islands	M			++	++																																	
1219	IRIB	IRIB	?	Iran	M	vf					+																															
1220	IRIB	IRIB	?	Iran	M	+Iraqi jammer				+		+																														
1224	HLAA	HLAA KBS3	Gwangju	S Korea	A	Call not listed in 2009 WRTH but tx is still there.																									JF/TB		TB/UF									
1224	CNR1	CNR1	unknown site	China	A	not listed in 2009 WRTH; CNR6 is.																										§						JF				
1224	Galei	Galei Tzahal	Beersheba	Israel	M	closed June 2015																							DA-n						§	§						
1224	IRIB	IRIB	Kish Island/Kerman	Iran	M	1080, 6065; Two sites listed; Kish I only in 2016																			§		§			§				§	§	§		+		JF		
1224	BED52	BCC Country Network	Kaohsiung	Taiwan	A																																	JF	JF		JF	
1233	RMC/TWR	RMC/TWR	Cape Greco	Cyprus	M			1/82;BD				DT																														
1233	IRIB	IRIB	Abadeh	Iran	M	not listed in 2018 WRTH																													§					<		
1233	QRTC	Qatar RTC	Doha	Qatar	M	not listed in 2011 WRTH									Sh																	<										
1233	RTM	RTM	Tanger	Morocco	M	ex Medi 1; not listed in 2010 WRH			+			DAK																				<										
1242	Vietnam	Voice of Vietnam Ext	Can Tho	Vietnam	A																	§	§	§	§	§		§	mah	mah	§	§	§			§				JF			
1242	AIR	AIR	Varanasi	India	A																											§										
1242	Oman	R Oman	Seeb	Oman	M							DAK			Sh																							JF			
1242	IRIB	IRIB	Zanjan	Iran	M	Not listed 2019 WRTH																										§			§							
1250	BEC22 CBS	BEC22 CBS	Linkou, Kuanyin	Taiwan	A	now on 1251kHz			§																																	
1251	BBC	BBC WS	Yangiyul	Tajikistan	A	also other relays	6195																		§																	
1251	Kuanghua BS	Kuanghua BS	Kuanyin	Taiwan	A	BEC29 only station listed in 2010 WRTH							§									§																				
1251	Mayak	R Mayak	Two sites listed	Russia	M	not listed in 2014 WRTH																									JF/TB	JF/TB				<						
1251	IRIB	IRIB	Kiashahr	Iran	M	Not listed 2019 WRTH	15084								Sh								§	DK							§	PL				§		mah			<	
1251	LBJ V o Popular Revolution in Palestine	LBJ V o Popular Revolution in Palestine	Tripoli	Libya	M			1/82;CR				DAK	DAK																													
1251	LJBC	LJBC V o Africa	Tripoli	Libya	M	not listed in 2013 WRTH	17725; 15435; 711; 15415															§	*	§	*	§		SW	*			§										
1251	UAERTV	UAERTV	Dubai	UAE	M	not listed in 2009 WRTH		05/84;HE																																		
1260	BSKSA	BSKSA	Dammam	Saudi Arabia	M																										mah			§	§	§						
1260	PBC	PBC Radio Pakistan	Peshawar-II	Pakistan	A																															§			JF	JF		
1260	AIR	AIR	Ambikapur	India	A																																		JF			
1269	CRI	CRI	Xuanwei, Yunnan	China	A																											PL			TB/JF	JF	mah	mah	+			
1269	IRIB	IRIB	Khalkhal	Iran	M																																		§			
1269	Asia	Radio Asia	Ras al-Khaimah	UAE	M	Moved to 1476 03/19																																	++	+	BD	BD first
1269	Ecca	R Ecca Popular	Las Palmas	Canary Islands	M	ex EAK92; not listed in 2015 WRTH		03/81;BD																													<					
1270	V o Palestine	V o Palestine	Beirut	Lebanon	M			03/82;BD																																		
1278	JOFR	JOFR-RKB R	Fukuoka	Japan	A																										§	+	+	mah		mah				JF	JF	JF	
1278	IRIB	IRIB	Kermanshah	Iran	M										Sh																	PL		§	§			mah	§	+		
1280	R Afghanistan	R Afghanistan	Kabul	Afghanistan	M	now 1278kHz; no longer listed		6/72PW-TC																																		
1287	AIR	AIR	Panaji A (Goa)	India	A		4800 4840															§						§											JF			
1287	JOHR	JOHR/HBC	Sapporo	Japan	A																										§	+	++	+		mah	mah						
1287	Kyrgyz	TWR relay	Bishkek	Kyrgyzstan	A	was listed as Kyrgyz R to 2015; not listed 2018 WRTH																									§			§	§	§				<		
1287	CNR1	CNR1	Ningde, Fujian	China	A	// 1377; listed 2016 as Ningde, Fujian																									JF/TB											
1287	HLAF	MBC	Gangneung	S Korea	A																														mah							
1287	BEC27	V.o.Han	Taichung	Taiwan	A																															JF	JF					
1287	Hope	V.o.Hope	She'ar Yashuv	Israel	M	Started 28.3.17																																		>	BD	
1287	IRIB	IRIB	Lar	Iran	M																																	mah		<		

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																									JF/TB					<						
1287	Yunost	R Yunost	Yazykovo	Russia	M	not listed in 2012 WRTH																										JF/TB		<									
1287	Galei	Galei Tzahal	Tel Aviv	Israel	M	not listed in 2011 WRTH	1368; 6973; 6895; 2442.2						DAK	+										+	+		SW	+	+				<									
1287	RTA	RTA	El Golea	Algeria	M	not listed in 2009 WRH								DAK																													
1295	R Omdurman	R Omdurman	Sennar	Sudan	M	now on 1296kHz		++		BD				DAK																													
1295	RTG R Conakry	RTG R Conakry	Conakry	Guinea	M								+	+																													
1296	Azerbaijan	V o Azerbaijan	Pirsaat (Baku)	Azerbaijan	M	not listed in 2011 WRTH; status uncertain 2019 WRTH																				§							<									
1296	RTM	RTM	Rabat	Morocco	M	not listed in 2009 WRTH								DAK																	<												
1296	SRTC	SRTC Gen Prg	Reiba	Sudan	M											Sh		SW																	+	§							
1296	VOA	R Free Afghanistan / VOA	Pol-e-Charkhi	Afghanistan	M																							§		SW	§	§	+	SW	§	§	§		§				
1296	JOTK	JOTK NHK1	Matsue	Japan	A																													TB/JF									
1296	BED47	BCC News Network	Tainan	Taiwan	A																															JF	JF	JF	JF	JF	JF		
1305	CNR2	CNR2	Xining, Qinghai	China	A																													mah									
1305	IRIB	IRIB	Bushehr	Iran	M																										JF/TB					§		mah					
1305	AIR	AIR	Parbhani	India	A																																		JF				
1305	Galei	Galei Tzahal	Rosh-Pina	Israel	M	closed June 2015		10/80;MW																																			
1310	UNID Arabic	UNID Arabic	?	Lebanon?	M					MH																																	
1314	AIR	AIR	Bhuj	India	A			02/80;MM																																			
1314	JOUF	JOUF/OBC R	Osaka	Japan	A																										§	JF/TB	mah	mah		mah							
1314	DWXI	DWXI Delta BC	Parañaque C	Phillipines	A																											§	§										
1314	IRIB	IRIB	Ardabil	Iran	M			04/80;DTA																							§	§		PL		+							
1314	Far	R.Farda	Al Dhabbaya, Abu Dhabi	UAE	M	new 1982 as UAE R; not listed in 2009 WRTH; resumed as R.Farda in Dec 10; not listed in 2012 WRTH							DAK	DAK		EPE	JBy		PL										+		<		>	+<									
1320	NBC	NBC	Enugu	Nigeria	M			7/71PW-CM																																			
1323	Russia	V of Russia	multi-site	China	A	not listed in 2013 WRTH																									§		TB-C	mah		<							
1323	BBC	BBC WS	Zyyi	Cyprus	M	not isted in 2016 WRTH	648	3/82;HE							§							§	SW	+	+	+	SW	+	+	SW	SW					§	§	SW	§				
1323	IRIB	IRIB	Jolfa	Iran	M																										§						§						
1323	CRI	CRI	multi-site	China	A																													+		mah	+	+		JF	§		mah first
1325	R Peking	R Peking	Lhasa	Tibet	A			01/80;GD																																			
1325	RTM	RTM	Safi	Morocco	M	now 1323kHz							§																														
1332	IRIBTeh	IRIB Tehran City Pr	Tehran	Iran	M											Sh												§					PL		§	§	§						
1332	RDP	RDP	Funchal	Madeira	M	listed as inactive in 2012 WRTH; not listed in 2013 WRTH							DAK																														
1332	JOSF	JOSF Tokai R	Nagoya	Japan	A																															mah							
1341	EAJ43 R Club Tenerife	EAJ43 R Club Tenerife	Tenerife	Canary Islands	M			02/82;BD																																			
1341	Kuwait	R Kuwait	Magwa	Kuwait	M		9880														§					§																	
1349	ORTM	ORTM	Nouakchott	Mauritania	M			+		+	A	§	§			§	§	GP	PL	PL	DT	<?																					
1350	PBS Kunming	Kunming PBS	Kunming, Yunan	China	A	noted on 1352																§	SW																				
1350	JOER	JOER RCC	Chugoku Hosu, Hiroshima	Japan	A																											+	+	mah	mah	mah	JF	JF		JF			Sheigra first
1350	TWR	TWR	Kamo/Gavar	Armenia	M		9690															§		§	+		mah					JF/TB	+	PL		§	§		JF	RJH			
1350	PBS Jiangxi	Jiangxi PBS	Three sites listed	China	A																															§							
1350	Botswana	R Botswana	Tsahbong	Botswana	M																																		JF				
1350	DWUN	DWUN Progressive BC	Quezon C	Phillipines	A																																				++		BD first
1350	VOA	VOA	Manama	Bahrain	M									>	+	<																											
1355	Nat. R of SADR	Nat. R of SADR	Tindouf	Algeria	M	('80-'91) cl now 1544kHz	started 28/12/75	+	+	+		§	+	+	+<																												
1359	CNR1	CNR1	Two sites listed	China	A	not listed in 2018 WRTH	4800 7935																		§	§		§			§	++	++	TB/JF	§		+			JF	<	JF	
1359	Mayak	R Mayak	Four sites listed	Russia	A	not listed in 2014 WRTH																										JF/TB		TB/JF			<						
1359	Tigray	Voice of Tigray Revolution	Mekele	Ethiopia	M																															§							
1359	ERTU	ERTU	Batra	Egypt	M	not listed in 2009 WRH																§	§																				
1359	IRIB	IRIB	Darab	Iran	M	was listed at Dar; not listed in 2016 WRTH	1503, 15084																			§												<					
1359	RNE	RNE	Melilla	Spanish N. Africa	M	to 972kHz							DAK				<																										
1367	R. Nacional	R. Nacional	Luanda	Angola	M	not listed in 2009 WRH							§		§		Sh															<											
1368	Galei	Galei Tzahal	Shivta	Israel	M	closed June 2015	1287																	SW																			
1368	IRIB	IRIB	Gonbad Kavus	Iran	M	Sari site no longer listed in 2010 WRTH; was Gorgan	1503																									§				§					JF		
1368	IRIB 1	IRIB 1	Sari	Iran	M	2009 WRTH shows both Sari and Gorgan sites.																				§		§					<										
1375	L V de la Revolution	L V de la Revolution	Conakry	Guinea	M			7/79;CC																																			
1377	CNR1	CNR1	Xingyang, Henan	China	A		4800, 5320																	+	§	§		SW			+	+++	++	+	§	§	+			++	++	+	
1377	Huayi	Huayi BC	Huayi, Fujian	China	A	Listed in 2013 WRTH as Fujian PBS?																										JF/TB											
1377	Free	R Free Africa	Mwanza	Tanzania	M																		+	+																+			
1377	TWR	VOR/TWR	Gavar	Armenia	M																											JF/TB	+	+			+						
1377	PBS Xizang	Xizang PBS	Lhasa	China	A	ex-Tibet																															JF						

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162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																									JF/TB						<					
1386	BED74	BCC Country Network	Yuli	Taiwan	A																	§																				
1386	PBS Tianjin	Tianjin PBS	Tianjin	China	A																									SW	TB	+	§				§					
1386	AIR	AIR	Gwalior	India	A																										TB										§	
1386	JO--	NHK2	Four NHK sites listed	Japan	A																										§		PL			mah					§	JF
1386	JOJB	JOJB NHK2	Kanazawa	Japan	A																												mah									
1386	ERTU	ERTU	Luxor	Egypt	M																								SW													
1386	JOKB	JOKB NHK2	Okayama	Japan	A																															mah						
1386	KBC	KBC Northeastern Sce	Maralal	Kenya	M														+++	+++			+		+		SW	SW														
1386	*Rurale*	*R Rurale 1385.9kHz*	*Labé*	*Guinea*	M	shown as inactive since 2011 WRTH; not listed in 2015											SW				SW	+	+	++	+	SW	++	SW	+								<					
1386	HLAM	MBC	Mokpo	S Korea	A																																JF					
1386	*CNR1*	*CNR1*		*China*	*A*	not listed in 2010 WRTH	7935; 7275; 6730																	§																		
1386	*IRIB*	*IRIB*	*Ahwaz*	*Iran*	M	not listed in 2009 WRH	15084								Sh			§	MH		DK	++	++	+																		
1390	*IRIB*	*IRIB*	*Ahwaz*	*Iran*	M	not listed in 2009 WRH		5/82;BD					BD	BD																												
1394	*RTT/R Lomé*	*RTT/R Lomé*	*Lomé*	*Togo*	*M*								§		+	+			+++	+																						
1395	AIR	AIR	Bikaner	India	A		4860															§	AKG				SW	§				+	PL				§		§	+	§		
1395	PBS Anhui	Anhui PBS	Fuyang/Chizhou	China	A	Hefei listed additionally 2019 WRTH																					SW					+										
1395	PBS Hohhot	Hohhot PBS	Nei Menggu	China	A	tx listed in 2012 WRTH but not as PBS Hohhot	4620																	§																		
1395	DZVT	DZVT Catholic R Net	San Jose	Phillipines	A																												§									
1395	IRIB	IRIB	Two sites listed	Iran	M	Hajiabad & Gorgan	1503																					§														
1395	*Arm*	*Public R of Armenia*	*Gavar*	*Armenia*	*M*	not listed in 2015 WRTH																§					CH	CH				PL	PL				§	<				
1395	*Galei*	*Galei Tzahal*	*unlisted*	*Israel*	*M*	not listed in 2009 WRTH																		§								<										
1402	*SPLAJBC*	*SPLAJBC*	*Tripoli*	*Libya*	*M*	*now 1404kHz*		+	§																																	
1403	*RTG*	*RTG*	*Conakry*	*Guinea*	*M*	*1404kHz vf*		07/80;ATo						AT																												
1404	*PBC*	*PBC Radio Pakistan*	*Dera Ismail Khan*	*Pakistan*	*A*	Silent in 2012 WRTH but listed as a future planned frequency; not listed 2013																			§																	
1404	PBS Hubei	Hubei PBS	Jingzhou/Suizhou	China	A																										JF/TB	JF/TB										
1404	*RTG*	*RTG*	*Conakry*	*Guinea*	*M*	*inactive*		+	+		*A*																															
1404	*VOIRI/IRIB*	*VOIRI/IRIB*	*Kiashahr*	*Iran*	*M*	not listed in 2009 WRTH	9022														§	§	§																			
1407	*RTG*	*RTG*	*Conakry*	*Guinea*	*M*	*1404kHz vf*		11/82;SW																																		
1413	*CNR8*	*CNR8*	*Xinjiang*	*China*	*A*		5800; 7935																	§																		
1413	JOIF	JOIF - KBC	KBC Fukuoka	Japan	A																	§								§	§	+				JF	JF		JF	JF	JF	
1413	PBS Xinjiang	Xinjiang PBS	Hami/Bortala	China	A		4980, 3990																		§									TB/JF									
1413	BBC	BBC WS	Masirah Island/A'Seela	Oman	M		12095	+							+	Sh	+	++	+++	++	§	§	+	§	+			§									§			JF			
1422	CBS	CBS (RTI)	Minxiong	Taiwan	A		15060, 1098															§				§																	
1422	CRI	CRI	Kashgar (Kashi)	China	A	rep in Hindi	7235																					§								TB/JF	JF					JF
1422	JORF	JORF RF R Nippon	Yokohama	Japan	A																												JF/TB									
1422	PBS Taiyuan	Taiyuan PBS	Taiyuan, Shanxi	China	A																												JF/TB	TB/JF						JF	§	
1422	RTAM	RTA Multichaîne	Ouled Fayet	Algeria	M							DT													SW	SW	BD	+										§			SC
1422	*IRIB*	*IRIB*	*Kermanshah*	*Iran*	*M*	*shown as inactive since 2011 WRTH; not listed 2013*																§																				
1430	*R Mali*	*R Mali*	*Bamako*	*Mali*	*M*			10/82;MM																																		
1431	*IRIB*	*IRIB*	*Habibabad / Lamerd, Isfahan*	*Iran*	*M*	VF: 1430; second site at Habibababd listed 2012; only Habibabad listed in 2016; not listed 2018	1503														§		§	++	+	§	SW	+	SW		§	§	PL				§		+	§	<		
1431	Sawa	R Sawa	Djibouti	Djibouti	M																							SW	+	SW					SW	MTD						
1431	UNID Jammer	UNID Jammer	presumed anti Iran		M																								SW													
1431	*BSKSA*	*BSKSA*	*unknown site*	*Saudi Arabia*	*M*	not listed in 2009 WRH																	§																			
1431	*BBC*	*BBC WS*	*A'Seela*	*Oman*	*M*	Not listed in 2009 WRTH																										§	<									
1433	*UNID*	*UNID*	*Arabic*	*anti-Iraq*	*M*	*+ jammer*								§																												
1440	PBS Guangxi	Guangxi PBS	Bose	China	A																	§																				
1440	ABC Yola	ABC Yola	Yola	Nigeria	M																					MM2													+	+		
1440	JOWF	JOWF - STV	Sapporo	Japan	A	Three sites listed																											mah						JF	mah	mah	
1440	*Zvezda*	*R Zvezda*	*St.Peterburg*	*Russia*	M	not listed in 2015 WRTH																											TB/JF				<					
1440	BSKSA	BSKSA	Ras al-Khair	Saudi Arabia	M			+	*JF*		++<																				§	+	+			§	§	mah	mah		mah		
1440	One	R One	Dar es Salaam	Tanzania	M																>+	SW	+	§																		
1440	*R Nacional*	*R Nacional*	*Dundo*	*Angola*	*M*	was listed at Luachimo; not listed in 2019 WRTH																			§																	<
1440	Kiribati	R Kiribati	Bairiki	Kiribati	A																																					mah
1440	*Centrafrique*	*R Centrafrique*	*Bangui*	*Cent African R*	*M*	Reactivation listed as FPI in 2015-7; not listed in2018																		§	§												<					
1440	*PBS ?*	*PBS ?*	*Lanzhou (?)*	*China*	*A*																	BD																				
1440	*BSKSA*	*BSKSA*	*Dammam*	*Saudi Arabia*	*M*	not listed in 2009 WRTH	1521; 9555; 9870				>+	+	+	++		Sh			+	++	+	++	+++	+	+	+	SW	+		SW												
1445	*Mayak*	*R Mayak*	*Unknown location*	*Russia*	A	Nothing listed - perhaps drift from 1449?																										TB										
1448	*SPLAJBC*	*SPLAJBC*	*Misurata*	*Libya*	*M*	*now 1449kHz*		+	§																																	
1449	*Misrata*	*R Misrata*	*Misrata*	*Libya*	M	was listed as R Free Libya, not listed in 2016 WRTH																					+	+				TB	mah			§			<			
1449	IRIB	IRIB	Bandar-e-Torkamen	Iran	M																§		§	§				§			§	JF/TB	PL		§	§	§		++	§		
1449	BSKSA	BSKSA	Jeddah (Bahrah)	Saudi Arabia	M																																§					

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																									JF/TB						<					
1449	Mayak	R Mayak	multi-site	Russia	M	not listed in 2013 WRTH																									JF/TB				<							
1467	AIR	AIR	Jeypore	India	A		5040														§	§	§		§		SW	§	SW		TB										BD	
1467	Fujian PBS	Fujian PBS	Fuzhou	China	A	not listed in 2010 WRTH																			§																	
1467	HLKN	HLKN KBS	Mokpo	S Korea	A		711; 3930														§	§			§						TB		JF/TB			mah							
1467	Educ	Nat Educ Radio	Pathum Thani	Thailand	A					A													§				TB															
1467	TWR	TWR relay	Bishkek	Kyrgyzstan	A	was Frunze II; Kyrgyz R; R.Marantha reported 2007							DAK	§																	+	§	++		§	+	+	mah	§	+	BD		
1467	JO--	NHK2	Five sites listed	Japan	A																										§			mah		mah	mah						
1467	BSKSA	BSKSA	Hafar al-Batin	Saudi Arabia	M		1440; 1521																++	+	+	SW	SW	+	+							+	§						
1467	IRIB	IRIB	Isfahan/Qom , Alborz	Iran	M	Only Qom listed in 2011 WRTH; only Alborz listed in 2017 WRTH	1503	07/83;BD															++	+	+		SW	SW	SW	SW	++	+	++		§	+	§		§	+	§		
1475	RTV Congolaise	RTV Congolaise	Brazzaville	Congo	M								§																													
1475	ORTB, R Benin	ORTB, R Benin	Cotonou	Bénin	M	not listed in 2009 WRTH											+	+	++	+				+																		
1476	Thailand	R Thailand	Chiang Mai	Thailand	A																				§	§		§	+		§	§			§	§	+				§	
1476	CNR1	CNR1	unknown site	China	A	not listed in 2013 WRTH																									§				<							
1476	JOSD	JOSD NHK2	Iida	Japan	A	call not listed 2009 WRTH																											TB-C									
1476	Azeri	Azeri R.	Sixli	Azerbaijan	M	not listed in 2009 WRTH; back in 2011; not listed in regional list since 2013														SW												<		>			<						
1476	ERTU	ERTU	El Minya	Egypt	M																						SW															
1476	IRIB	IRIB	Marivan	Iran	M																										TB				§	§	§		§	+	§		
1476	PBS Heilongjiang	Heilongjiang PBS	Qiqihar/Fujin, Heilongjiang	China	A	Sometimes Life Service																												mah								
1476	Emirates R/ UAE R.	Emirates R/ UAE R.	Dubai	UAE	M	not listed in 2009 WRTH	13675; 15395;21605									Sh		++	++	SW	SW	+	§	+	+	+	SW	+	+													
1481	UAE R&TV	UAE R&TV	Dubai	UAE	M	to 1476kHz		++	+	+	+	+																														
1485	IRIB	IRIB	3 sites listed	Iran	M	Khoy/Jahrom/Damghan										Sh																										
1493	RTM	RTM	Casablanca	Morocco	M	vf: 1494kHz	1044; 774; 909						§			§																										
1493	R Ivorienne	R Ivorienne	Abijan	Ivory Coast	M	not listed in 2009 WRTH		09/82;BD	§					AT																												
1493	RTM Ch B.	RTM Ch B.	Agadir	Morocco	M	vf: 1494kHz												SW																								
1494	PBS Xinjiang	Xinjiang PBS	Yining/Tacheng	China	A	vf:; was listed to 2018 Urumqui/Yiwu	5060, 5960									§					§	§		§	§	§		§				+	+		§	+	+			+		
1494	JRTV	JRTV	Al Karanah	Jordan	M	listed inactive since 2010 WRTH; not listed in 2012 WRTH	9830								>			SW	PL	TB	§		GL			§									<							
1494	Chiao Yu	Chiao Yu (Educ. Svc)	Two sites listed	Taiwan	A	Taipei and Changhua																												TB/JF								
1494	JRTV	JRTV	Ajlun	Jordan	M									DAK<																												
1503	AFN	AFN	Lajes Field	Azores	M																						mah															
1503	ERTU	ERTU	El Arish	Egypt	M																	SW				SW																
1503	IRIB	IRIB	Bushehr	Iran	M	An additional unkonwn location was listed in 2010 WRTH; not listed in 2018 WRTH	531									Sh					§	§	+	++	++	+	+	++	+	SW	§	§	+	SW*	§	+	§		++	§	<		
1503	VOR	Voice of Russia	Dushanbe	Tajikistan	A	Not listed in 2016 WRTH																													TB/JF			<				
1503	RTI	R Taiwan Int	Fangliao	Taiwan	A	Relaying WYFR																													MTD							
1503	R Nacional	R Nacional	Benguela	Angola	M	Em. Popular; not listed in 2011,2019 WRTH	1088;4950						§				Sh	§						SW																	<	
1512	JOZB	JOZB NHK2	Matsuyama	Japan	A																												TB-C									
1512	BSKSA	BSKSA	Jeddah (Khumra)	Saudi Arabia	M			+++	+++				+	+	+	Sh						§				SW	+	+	+				TB			§						
1512	IRIB	IRIB	Ardabil	Iran	M																											+	+	JWe	§	§	§		§	§	§		Sheigra first
1512	JO--	JO--	Three NHK sites listed	Japan	A																															mah						
1512	PBS Jinan	Jinan PBS	Shandong	China	A																																			§		
1512	Azad Kashmir R	Azad Kashmir R	Muzaffarabad	Pakistan	A			03/81;BD		<																																
1512	PBS Kunming	Kunming PBS	Yunnan	China	A	not listed in 2010 WRTH																§																				
1512	R Rossii	R Rossii	Chaykovskiy	Russia	M	not listed in 2009 WRTH																			§							<										
1514	IRIB	IRIB	unknown site	Iran	M											Sh																										
1521	CBS	CBS	Changchih (Matsu?)	Taiwan	A	not listed in 2010 WRTH								§																												
1521	CRI	R Beijing/CRI	Xinjiang/Urumqi	China	A		9885	+		+++	++	++	+	+	§	§		+	+++	+++	+	§	§	§	+	+	SW	+	+	+	+++	+++	+++	++	+	++	++	mah	++	++	+	+	
1521	BSKSA	BSKSA	Duba	Saudi Arabia	M		1440;9870; 9555	++	HE	SW		§	DAK	+		+		+++	+++	+++	++	+++	+++	+++	+++	+++	+++	+++	+		+	+	TB		mah	§	§						
1521	IRIB	IRIB	Kiashahr	Iran	M	Reported as inactive in 2011 WRTH; not listed in 2012	15084																§	SW								PCh			<				mah				
1521	Mayak	R Mayak	Kazan, Siberia	Russia	A	not listed in 2012 WRTH																	§												<							
1525	Iraqi Army R	Iraqi Army R	unknown	Kuwait	M	clandestine now 1557-1584kHz															§																					
1530	AIR	AIR	Agra	India	A																							§														
1530	PEF	PEF	Funchal	Madeira	M	ex CSB91		81-82;BD																												mah						
1530	VOA	VOA	Pinheira	São Tomé	M		9760; 7415			>								SW	+	++	§	+	+	§	+	SW	+	+	+	+	++	+	++	++	++	+++	+++	++	++	+++	+++	++	
1530	IRIB	IRIB	Yazd	Iran	M	Not listed 2019 WRTH																									TB											<	
1530	Voice of Peace	Voice of Peace	offshore	Israeli coast	M	closed 1/10/93		1/81;HE		SW							<																										
1532	Kazakh R	Kazakh R	unlisted	Kazakhstan	A	not listed in 2010 WRTH																				§																
1537	Iraqi Army R	Iraqi Army R	unknown	Kuwait	M	[cl] anti-Iraq now 1557-1584kHz													SW		§																					
1539	BED78	BED78	Tainan	Taiwan	A	not listed in 2010 WRTH																	§																			

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162	Rossii	R Rossii	Norilsk, Siberia	Russia	A	not listed in 2015 WRTH																									JF/TB					<						
1539	CNR1	CNR1	Golmud	China	A	was Kashi																						mah	mah	mah	§	+	++	+	§	++	+	+	§	+	+		
1539	IRIB	IRIB	2 sites listed - Gorgon/Garmsar	Iran	M	was listed at Derazno; Garmsar also listed 2015																§	§											§	§	§		mah				
1539	VOA	VOA R Aap Ki Dunyaa	Sadiyat	UAE	M	not listed in 2014 WRTH												PL					§				SW				+	+	++	SW	++	++	<						
1539	Arutz 7	Arutz 7	offshore	Israeli coast	M																				SW	SW	SW<															
1539	Holy Koran R	Holy Koran R	Abu Dhabi	UAE	M	1539.1kHz. not listed 2009 WRTH																	+	SW																		
1540	Nat R of SADR	Nat R of SADR	Tindouf?	Algeria	M	[cl] W. Sahara from 1550kHz																>PC	+'<'																			
1544	Nat R of SADR	Nat R of SADR	Tindouf?	Algeria	M	[cl] W. Sahara from 1355kHz								>	SW		§	++	GM	+	§<																					
1548	IRIB	IRIB	Six sites listed	Iran	M	was listed at Marivan/Sanandaj									Sh																											
1548	Sawa	Radio Sawa	Kuwait City	Kuwait	M	Was VOA; Sawa from 23/3/02	9705									>?	§			++	++	+	++	+	+	+	+	SW				+		+	§							
1550	SADR	Nat R of SADR	Rabouni	Algeria	M	[cl] W. Sahara from 1544kHz	7357; 7450														>§	+<	>+	+	+	+	+	++	+	§	+	+		++	+	§		§	+	§		
1554	RTG	RTG	Melene	Gabon	M			2/82;CR	§																																	
1557	RTI	Radio Taiwan Int.	Kouhu	Taiwan	A	ex-WYFR																	§	§	SW	+	+	+	+	+++	++	+++	+++	++	++	+	JF	JF	JF	++		
1557	IRIB	IRIB	Zabol	Iran	M																									§				§	§							
1566	AIR	AIR	Nagpur	India	A						§	+	+	§	+		+++	+++	++	+++	+++	+++	+	+	+	+	+	SW	SW	++	+	+		+	§	JF						
1566	HLAZ	HLAZ FEBC	Jeju	S Korea	A			+		+++	++	+		BD				+	+++	++	§			§	+			Jwe	SW	++	+	+	SW	§	MTD	JF	JF	JF	+	++	+	
1566	Al Must	Al Mustaqbal; The Future / V o Armed Forces	Kuwait City	Kuwait	M	[cl] aimed at Iraq														DK	++	§																				
1566	IRIB	IRIB	Bam	Iran	M	was listed at Bandar Abbas	1503	1/80;GD							§			PL	PL	+	§	+	+	§	+	+	+	SW			§											
1566	TWR	TWR	Parakou	Bénin	M																										mah	mah			+			+	mah	mah		
1566	R of the Two Rivers	R of the Two Rivers		Kuwait ??	M	not listed in 2009 WRTH																			§	SW																
1566	RTT	RTT	Sfax	Tunisia	M			++				+	+	+			+	+	+<																							
1573	UNID Jammer	UNID Jammer	anti R Farda	Mid East	M																							SW														
1575	VOA	V o Free Asia/VOA/ R Saranrom	Ban Phachi	Thailand	A	Was listed as Ayutthaya, Bangkok to 2015	6160, 11995	>		+			§	§	§	§		+	+	++	+	§	§	§	§	§	+	+	+	mah	+	§	++		§	+	+	+	++	++	§	JF
1575	VOA	VOA	Ban Pachi	Thailand	A	closed 8/83		+<																																		
1575	Farda	R Farda	Al Dhabbiyah	UAE	M	R Asia moved to 1557 in Feb 2005; was listed at Sharjah	Farda new here Mar 2005																			SW	SW	++	+	+	++	+	SW	§	+	§		+	BD	§		
1575	IRIB	IRIB	Abadan	Iran	M	Logged Oct 12 as strong and unkown - listed in 2013 as Abadan																													§	§		mah	++			
1575	Al Must	Al Mustaqbal - The Future / V o Armed Forces	Kuwait City	Kuwait	M	[cl] aimed at Iraq															§	§	SW	§																		
1584	IRIB	IRIB	Two sites listed	Iran	M	was listed at Maku to 2012; listed as Semnan until 2017; Biyarjomand and unknown location from 2018																§					§							§	§	§						
1584	Ole	R Ole	Ceuta	Ceuta	M	Listed under Morrocco in WRTH																+		+		SW																
1585	SER	SER	Ceuta	Ceuta	M	vf: 1584										SW		SW																								
1593	AIR	AIR	Bhopal A	India	A		3315														§	GP		§	§																	
1593	CNR1	CNR1	Changzhou, Jiangsu	China	A	reported unknown site, listed since 2010 WRTH as Changzhou, Jiangsu	4800, 5320															§	§	§	§		+		BGM	§		++			§	+	mah		§	+	JF
1593	JOQB	JOQB NHK2	Niigata	Japan	A	JOTB Matsue also listed															§											mah				mah						
1593	PBS Heilongjiang	Heilongjiang PBS	Harbin	China	A																§																					
1593	PBS Xinjiang	Xinjiang PBS	Korla	China	A		6190, 4500, 5060	S													§	§			TB							JF/TB										
1593	ERTU	ERTU	Matruh	Egypt	M												SW	SW				§		+	+	SW																
1593	VOA	VOA	Kuwait City	Kuwait	M	Carries Radio Sawa (ex Radio Farda)	6160, 9680																		>+	+++	+++	+++	SW			++			+	§	SW					
1593	JO--	JO--	Two NHK sites listed	Japan	A																														mah							
1593	CNR2	CNR2	unknown site	China	A	Not listed in 2010 WRTH															§	SW																				
1593	Nung Por Nor	Nung Por Nor		Thailand	A	not listed in 2010 WRTH but two other Thai outlets are															§																					
1593	Uzbek R	Uzbek R	Jar Kurgon	Uzbekistan	A	not listed in 2010 WRTH	4850														§			§																		
1593	IRIB	IRIB	Isfahan	Iran	M	not listed in 2009 WRTH											§																									
1602	IRIB	IRIB	Five sites listed	Iran	M																										§											
1602	ERTU	ERTU	Two sites listed	Egypt	M																										NH											
1603	EAJ46 R Ceuta	EAJ46 R Ceuta	Ceuta	Ceuta	M	now on 1584kHz		09/79;GD																																		
1611	R. of the Holy Quran	R. of the Holy Quran	Port of Tripoli	Libya	M	radio ship Al Fateh (Mebo2)		02/80;DTA																																		
1613	Front Line	R for the Soldiers at the Front Line		N Korea	A	Listed on 1610 in 2015 WRTH; not listed in 2017															§																		>			
1620	The Future/al Mustaqbal	The Future/al Mustaqbal	Kuwait City	Kuwait	M	[cl] aimed at Iraq																§																				
1634	Xinjiang PBS	Xinjiang PBS	unknown site	China	A	not listed in 2010 WRTH	5060; 4980															§																				
****		UK "Firsts" heard						128	6	12	4	5	23	16	1	28	3	13	5	3	11	39	14	16	21	18	10	33	4	3	36	72	49	17	12	39	21	5	12	32	10	5	

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162	*Rossii*	*R Rossii*	*Norilsk, Siberia*	*Russia*	*A*	not listed in 2015 WRTH																										JF/TB						<							
****		Total stations heard by DXers "at home"						128	21	28	12	15	44	36	7	9	9	32	40	31	22	28	51	54	45	35	61	38	48	30	22	25	88	78	13	36	42	33	36	111	76	80				
****		Total stations only heard on DX-pedition						0	11	10	3	5	11	12	6	46	4	5	1	1	16	62	32	26	48	43	4	66	5	6	72	137	82	1	69	130	110	13	64	37	47	6				
****		Total number of stations heard in year						128	32	38	15	20	55	48	13	55	13	37	41	32	38	90	83	80	93	78	65	104	53	36	94	162	170	79	82	166	152	45	100	148	123	86				
****		Running total in log						128	134	146	150	155	178	194	195	223	226	239	244	247	258	297	311	327	348	366	376	409	413	416	452	524	573	590	602	641	662	667	679	711	721	726				

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