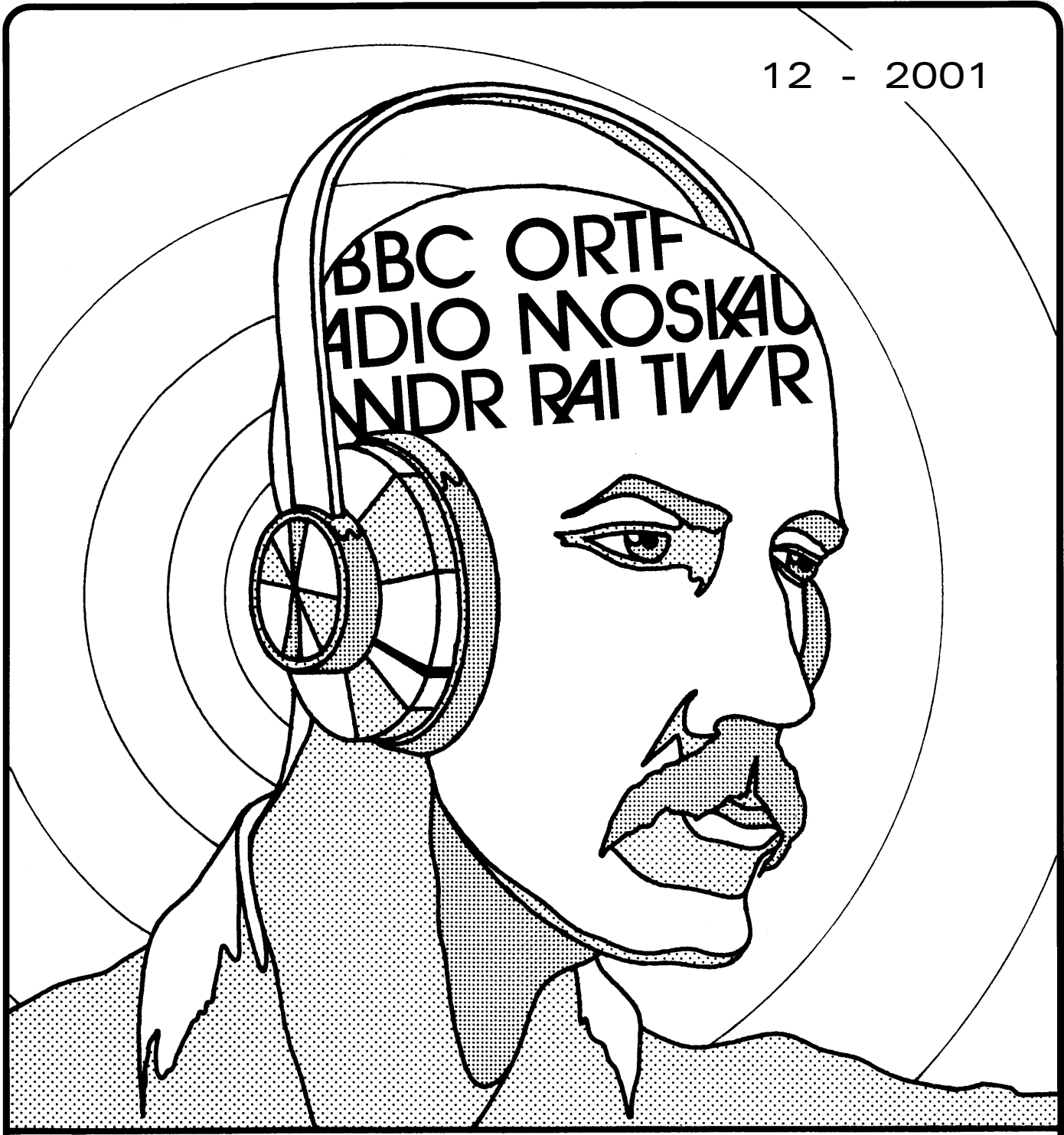
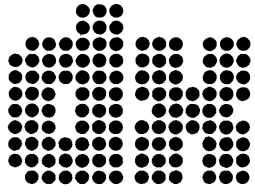


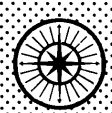
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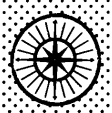
ISSN 0175-6877



magazine



WORLD WIDE DX CLUB



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Please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

# WORLD RADIO TV HANDBOOK 2002

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DEADLINE (Redaktionsschluß) for DX



MAGAZINE No. 2/2002 is on January  
24th, 2002, and for DX MAGAZINE  
No. 3/2002 on February 21st, 2002.



DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: DM 2.50, €1.28 or 2 International Reply Coupons (IRC's); annual subscription rate: DM 30.00, €15.34 or 15 IRC's. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 12

· Vol. XXXVI ·

December 2001

Hello again,

Welcome to the last issue of our DX MAGAZINE in this year 2001. Let me take this opportunity to thank you very much for all your support during this year.

In the meantime, the new **WORLD RADIO TV HANDBOOK 2002** has been mailed to all members, who have ordered it from us. Therefore, if you have ordered a copy from us, you should have received it already at the time you receive this DX MAGAZINE. If not, please do not hesitate to write to us or call us by phone, so that we are able to investigate, what has happened to your copy. And now over to our usual news from outside the club:



All new products of Klingenfuss Publications, **2002 Super Frequency List on CD-ROM**, **2002 Guide to Utility Radio Stations** and **2002 Shortwave Frequency Guide** have been published by December 7th. Full information can be found in the advertisement at the end of this DX MAGAZINE and on their website <<http://www.klingenfuss.org>>. Alternatively, you may ask for their free 24-pages 2002 catalogue to your postal address.

Wie in jedem Jahr erschien im Siebel Verlag, Auf dem Steinbüchel 6, D-53340 Meckenheim, wieder die neue Ausgabe des bekannten Jahrbuchs **Sender & Frequenzen 2002**. Der Datenteil mit allen Informationen über die in Europa hörbaren Rundfunksender aus fast 200 Ländern und die Frequenzliste der zwischen 150 kHz und 30 MHz hörbaren Sender wurden wieder völlig überarbeitet. Daneben enthält das Handbuch wieder zahlreiche Tips zu den besten Empfangschancen der Sender, sowie nach Sendezeiten geordnete Hörfahrpläne der Sendungen in Deutsch, Englisch, Französisch, Spanisch, Russisch, Esperanto und Lateinisch (wieder hervorgehoben auf gelbem Papier). Direkt im Anschluß daran ist die Frequenzliste zu finden. Informative Artikel über Radio und TV via Satellit mit ausführlichen Tabellen der empfangbaren Hörfunk- und TV-Programme, "60 Jahre Stimme Amerikas", "Geheimsender 2002" und "Free-Radio-Stationen und Hobbypiratensender", sowie die Ausbreitungsprognose für 2002 runden das Handbuch ab. Zu dem 496-seitigen Handbuch gehören wieder drei Nachtragshefte von je 48 Seiten, die im Laufe des Jahres 2002 kostenlos an alle Leser geschickt werden. Das Buch ist erhältlich im Buchhandel oder direkt vom Verlag zum Preis von DM 42,83 oder € 21,90 (ISBN 3-89632-051-3).

Der KWFR e.V. lädt auch in diesem Jahr wieder zum Winter-DX-Camp im Januar 2002 nach Breckerfeld ein. Der Ort des Camps ist das landschaftlich sehr schön gelegene Naturfreundehaus "Sommerhagen" in Breckerfeld, Nähe Hagen/Westf. Das Camp beginnt, wie immer, am Donnerstag, und zwar am 10. Januar 2002. Offizieller Beginn ist mit dem Abendessen um ca. 18.00 Uhr, individuelle Anreise und Antennen-Aufbau werden aber schon ab ca. 14.00 Uhr am Donnerstag möglich sein. Offizielles Camp-Ende ist mit dem gemeinsamen Mittagessen zur Mittagszeit am Sonntag, dem 13. Januar 2002. Im Verlaufe des Camps wird der bekannte Hobbyfreund Willi Paßmann wieder ein Seminar abhalten, diesmal zum Thema "Optimale Empfängerbedienung". Leider mussten die Teilnahme-Entgelte gegenüber dem Vorjahr etwas angehoben werden; hauptsächlich weil die Betreiber des Naturfreundehauses eine Preiserhöhung vorgenommen haben. Die Teilnahme-Entgelte liegen, je nach Teilnahmedauer, zwischen 32,80 Euro und 82,20 Euro pro Person. Die Teilnahme am Empfänger-Seminar ist freiwillig und kann noch an Ort und Stelle entschieden werden. Entgelt: 10 Euro. Bei teilweiser Teilnahme ist die An-/Abreise individuell

möglich, man kann z.B. von Donnerstag auf Freitag, oder Donnerstag auf Samstag, usw. teilnehmen. Je Übernachtung ist in der Reihenfolge ein Abendessen, Frühstück und Mittagessen im Arrangement enthalten. Ausführliches Informationsmaterial können Sie bei folgender Adresse schriftlich oder per eMail anfordern: Kurzwellenfreunde Rhein/Ruhr e.V., Postfach 10 15 55, D-45815 Gelsenkirchen, eMail: <uli@kwfr.de>

Finally, let me wish you a Merry Christmas and a very Happy New Year



\*\*\*\*\*  
**NEWS ABOUT BROADCASTING (+other) STATIONS**

Dr. Juergen Kubiak · Goltzstr. 19 · D-10781 Berlin · GERMANY

\*\*\*\*\*

**AUSTRALIA:** *Christian Voice* is a British based religious broadcaster which now owns and operates SW stations in Zambia (\*1994), Chile (\*1998) and Australia (\*2000) and also applied for a local FM license in the UK Midlands. The 24 h English program bc from Zambia and now Australia is produced at the organizations headquarters in West Bromwich near Birmingham and fed to the stations by satellite. Merlin Communications recently announced that they would take care of the feed to Australia. Nonetheless, Christian Voice did announce plans to build a studio in Australia, too. Similarly, the Spanish progrs bc from Chile are not produced in SoAmerica but in Miami-FL-USA. It is an old issue in missionary circles whether progrs produced way outside the intended target areas can indeed be effective in communicating the Gospel. The Lutheran Radio Voice of the Gospel (1963-1977) was the first international missionary station that tried to bc only progrs produced by churches and church councils (not individual missionaries!) based in the target areas. The only exceptions to this rule were the programs in Chinese. After the nationalization of the Radio Voice of the Gospel facilities by the then Marxist govt pf Mengistu Haile Mariam some of the regional partners were able to continue by producing cassette tapes, progrs to be bc in their national bcng systems or also internationally. For example, the KiSwahili programs on TWR Swaziland are entirely produced by the Evangelical Lutheran Church in Tanzania. (HJB)

In July 2000, Voice International Limited purchased transmission facilities in Darwin, Australia, housing six 250 kw transmitters. The transmitter refurbishment programme is progressing well and broadcasts have begun. The Voice International Limited English service is being relayed via satellite to Darwin and is re-broadcast on short wave to Indonesia, South East Asia and China for 11 hours a day. Once additional staff are recruited the transmitters will be able to broadcast 24 hours a day. Two acres of land have been purchased in Maroochydore, 90km north of Brisbane. Planning permission for the studio buildings has been received along with approval for the building plans. The building of the studio complex (incorporating eight modern studios) has begun, and is expected to be completed by mid-2002. These studio facilities will be used for the production of English and Chinese services for broadcast to South East Asia and China. Temporary studios will be used until the building work is completed. (Christian Vision website via JKB, 17 Dec 2001)

Christian Voice (Australia) Ltd. Site Address:  
 Cox Peninsula Transmitter Site, Via Darwin NT 0800, Australia. Power: 250 kw.  
 Fax # +61 (8) 8981 2846. Postal Address: PMB 5777, Darwin NT 0801, Australia.  
 Site Administrator, Christian Voice (Australia) Ltd.: Lorna Manning.  
 (Alokesh Gupta)

Only two of the six transmitters are on the at any one time, due to technical limitations at the facility. This is the current schedule for the transmitters operated by "Voice International", at DARWIN, updated to reflect changes introduced on Nov-05, as supplied by the station:

7170 2030-2200 CVI  
 11935 2030-2130 CVI  
 " 2130-2330 RA Indonesian  
 " 2330-0000 CVI  
 13620 2200-0000 RA English  
 17645 0130-0700 CVI  
 17775 0000-0130 RA English  
 17820 0700-0800 CVI  
 21680 0000-0030 RA Indonesian  
 " 0030-0400 CVI  
 " 0400-0430 RA Indonesian  
 " 0430-0500 CVI  
 " 0500-0530 RA Indonesian  
 " 0530-0800 CVI (BP via EDXP-NET, 28 Nov 2001)

**CANADA:** B01 final short wave broadcast schedule effective 28.10.01 to 31.03.02 (0900 UTC) UTC of **Radio Canada International - RCI**, published by RCI-Engineering 26.11.2001.

UTC	Tx	KHz	kW	AZ	TARGET	PROGRAM
00:00-00:57	XIA KIM	11895 9750	120 100	188 225	S.E. Asia	MON: Tapestry TUE-SAT: The World at Six/ As It Happens #1 SUN: Quirks & Quarks
00:00-00:59		6040 11865 13640	100 250 250	212 176 176	USA/Carib.	LUN: Courrier/Fréquence culture MAR-SAM: Canada en direct/ Émissions thématiques DIM: Sens des affaires/Repères
01:30-01:59		5960 9560 9755 11865	250 250 100 250	277 189 240 189	USA/Carib./ Lat.Am.	RCI Spanish
02:00-02:59		6040 9755 11725 11990	100 100 250 250	212 240 176 285	USA/Carib./ Lat.Am./Mex.	MON: Mailbag / Spotlight TUE-SAT: Canada Today/Theme Programs SUN: Business Sense/ Canada in the World
02:00-02:57	DHA XIA XIA	7235 15150 17860	250 120 120	70 258 258	India	MON: Mailbag/Spotlight TUE-SAT: Canada Today/Theme Programs SUN: Business Sense/ Canada in the World
03:30-03:59	WER WER HBY VIE	6025 9615 11605 11845	500 500 300 100	120 120 135 115	Middle East	RCI Arabic
04:30-04:59	WER WER VIE	9505 11880 11955	500 500 100	120 120 115	Middle East	RCI Arabic
12:00-12:59	YAM YAM	9660 11730	100 300	270 235	Asia	MON: Quirks & Quarks TUE-SAT: This Morning, Tonight SUN: Global Village
12:00-12:59:30 (Mon-Fri)		13655 15425	250 250	240 227	USA/Carib.	C'est bien meilleur le matin
12:00-13:59:30 (Sat-Sun)		13655 15425	250 250	240 227	USA/Carib.	SAM: Samedi et rien d'autre DIM: Les affaires et la vie
13:00-13:29	YAM KIM YAM	9660 9810 11730	100 250 300	270 270 270	China	RCI Chinese
13:00-15:59:30 (Mon-Fri)		9515 13655 17710	250 250 100	268 240 189	USA/Carib.	This Morning
14:00-16:59:30 (Sat-Sun)		9515 13655 17710	250 250 100	268 240 189	USA/Carib.	SAT: The House/Vinyl Café/ Quirks & Quarks SUN: The Sunday Edition
14:30-14:59	KIM YAM YAM	9670 9560 5985	250 300 100	290 270 290	China	RCI Chinese
15:00-15:57	XIA XIA	15360 17820	120 120	258 258	India	MON: Quirks & Quarks TUE-SAT: This Morning, Tonight SUN: The House
16:00-16:29	MOS	7430	250	84	Russia	RCI Russian

	WOF	9555	250	66		
	WER	11935	300	75		
	RMP	13650	500	76		
16:30-16:59	WOF	9555	250	78	Ukraine	RCI Ukrainian
	WER	11935	300	75		
	RMP	13650	500	76		
17:00-17:29	WOF	9555	250	66	Russia	RCI Russian
	WER	11935	300	75		
	RMP	13650	500	76		
17:00-17:59:30		17820	250	227	USA	L-V: La tribune du Québec SAM: Les affaires et la vie DIM: Les années-lumière
		21565	250	227		RCI Ukrainian
17:30-17:59	WOF	9555	250	78	Ukraine	
	SKN	11935	300	90		
	RMP	13650	500	76		
20:00-20:59	SKN	7235	300	180	Europe/Africa	L-V: Canada en direct/ Émissions thématiques
		9770	100	60		
	FLE	11725	500	196		SAM: Sens des affaires/ Repères
		12015	250	60		
		13650	250	60		DIM: Courrier/Fréquence culture
	ASC	15325	250	65		
20:15-20:44	SKN	5995	300	110	Middle East	RCI Arabic
	VIE	9615	100	115		
	HBY	11600	350	140		
21:00-21:59	SKN	7235	300	180	Europe/Africa	MON-FRI: Canada Today/ Theme Programs
	ARM	7425	100	188		
		9770	250	60		SAT: Business Sense/ Canada in the World
	DHA	9805	250	230		
	HBY	11600	300	140		SUN: Mailbag/Spotlight
		12015	250	60		
		13650	250	60		
21:00-21:29		11725	250	73	N & W Africa	RCI Arabic
	WER	5995	500	180		
22:00-22:29:30	SKN	6045	300	180	W. Europe/ Africa/	M-F: The World at Six SAT: Media Zone
		9770	250	60	Middle East	SUN: Canada in the World
	FLE	9805	500	191		
	HBY	11600	350	140		
22:00-22:59	YAM	11705	300	240	S.E. Asia/	L-V: Cdn en direct/ Émissions thématiques
	KIM	9680	250	305	China	SAM: Sens des affaires/ Repères
						DIM: Courrier/Fréquence culture
22:30-22:59	SKN	6045	300	180	W. Europe/ Africa/	L-V: Sans frontières
		9700	250	60	Middle East	SAM: Zone médias
	FLE	9805	500	191		DIM: Repères
	HBY	11600	350	140		
22:30-22:59		9590	250	268	USA/Carib.	L-V: Sans frontières
		11865	250	240		SAM: Zone médias
		13730	250	240		DIM: Repères
23:00-23:29	KIM	6160	100	305	China	RCI Chinese
	YAM	9680	300	290		
	YAM	11705	300	240		
	SNG	13735	100	13		
23:00-23:29:30		5960	250	240	USA/Carib./ Lat.Am./Mex.	M-F: The World at Six SAT-SUN: The World This Weekend
		6040	250	240		
		6175	250	268		
		9590	250	268		
		9755	250	240		
		11865	250	176		
		13730	250	176		
23:30-00:59:30		5960	250	240	USA/ Mexico	M-F: As It Happens SAT: Madly Off/Quirks & Quarks
		6175	250	268		SUN: The Inside Track/ Global Village
		9590	250	268		
		9755	100	240		
23:30-23:59		6040	250	240	Carib./Lat. Am.	RCI Spanish Program
		11865	250	176		
		13730	250	176		

ARM: ARMAVIR, RUSSIA  
FLE: FLEVO, HOLLAND  
HBY: HOERBY RELAY, SWEDEN

KIM: KIMJAE RELAY, KOREA  
MOS: MOSCOW, RUSSIA  
RMP: RAMPISHAM, ENGLAND

SKN: SKELTON RELAY, ENGLAND  
 SNG: SINGAPORE RELAY, SINGAPORE  
 VIE: VIENNA RELAY, AUSTRIA  
 WER: WERTACHTAL RELAY, GERMANY  
 (RCI website via JKB, 16 Dec 2001)

WOF: WOOFERTON RELAY, ENGLAND  
 XIA: XIAN RELAY, CHINA  
 YAM: YAMATA RELAY, JAPAN

**CHINA (TAIWAN):** B01 schedule of *Central Broadcasting System of Taiwan - CBS* Radio Taipei International, Dec 1, 2001 until Mar 28, 2002.

1. VARIETY NETWORK (in CH) 2200-0200, 0400-1700 (local Mo-Fr 0600-0900 stop tx)

927	1000-1600		C CHN	S TWN	
1008	0400-0500	0700-0800	C CHN	C TWN	
1098	1300-1700		C CHN	S TWN	
1206	2230-0000	0400-0600(-0900 Sa Su)	S CHN	S TWN	
1422	1600-1800		S TWN	S TWN	
6085	0800-1500	(0800-0900 Sa Su)	C&S CHN		alt ch 6125
6150	2300-0000		C CHN		
7415	0900-1700		N CHN		alt ch 7425
7415	0400-0500		N CHN		( *effective on Dec only !)
11615	1100-1400		N CHN		alt ch 11735
11645	0000-0200	0400-1400(0600-0900 Sa Su)	C CHN		alt ch 11625
11665	1300-1700		N CHN		alt ch 11830
11725	0900-1300		N CHN		alt ch 11775
11730	0400-0900	(Sa Su)	N CHN		alt ch 11765 11970
11865	0000-0200		N CHN		alt ch 11815
11885	2300-0000		N CHN		alt ch 11970
11985	0400-0600		N CHN		alt ch 11970
15060	0400-0600		N CHN		alt ch 15050
15245	2230-0200		N CHN		alt ch 15345
15265	1500-1700		SoEaAs		
15330	0600-0900	(Sa Su)	C CHN		alt ch 15190
15350	0400-0800	(Sa Su)	N CHN		alt ch 15050
15430	0400-0600		C CHN		alt ch 15190

2. NEWS NETWORK (in CH) 2200-1800

603	0900-1600	2200-0000	N&C CHN	C TWN	
747	1000-1200		CHN	C TWN	
1008	2200-0000	0800-1700	CHN	C TWN	
1422	2300-0500	0700-1600	S CHN	S TWN	
1521	1200-1700		N CHN	S TWN	
1557	0300-0800		C&N CHN		
7365	0900-1800		C&N CHN		alt ch 7355
9610	1100-1200		AUS NZL		
9650	2230-0100	0900-1800	C&N CHN		alt ch 9630
9640	2230-0100		C CHN		alt ch 9630
9640	0700-1800		C&S CHN		alt ch 9735
9790	2300-0000		SoEaAs		
11635	2200-0000		SoEaAs		
11905	0100-0500		N CHN		alt ch 11880
15290	0200-0500		SoEaAs		
15215	0200-0800		N CHN		alt ch 15175 15235
15395	0900-1300		N CHN		alt ch 15525 15645
5950	2200-0000		eNAM		
15440	2200-0000		wNAM		

Note: Addit features "Date with Taipei" bc schedule as follow:

0600-1000 11795  
 1400-1800 6060  
 2300-0300 9690

3. DIALECT NETWORK (in Amoy Hakka Cantonese Mongolian Tibetan Uighur)

1) Amoy (mainly spoken in Taiwan, Fujian)

0000-0100a	15440.11875	WeNAM	SoEaAs	
0100-0200b	11875	SoEaAS		
0500-0600b	1008 1422	CHN		
0600-0700a	15580 1422 1008	S CHN	TWN	SoEaAs

0700-0800b	585	15580	SoEaAS	TWN
0800-0900a	585	11715	TWN	PHL
0900-1000b	1206		CHN	
1000-1100a	1206	11605	15465	AS CHN
1300-1400b	11635	15465	SEAs	
2) Hakka (mainly spoken in Taiwan	E.Guangdong	S.Fujian)		
0000-0100a	5950		EaNAM	
0300-0400b	11855		SoEaAS	
0600-0700a	585		S TWN	
0900-1000b	15465	585	SoEaAS	CHN TWN
1000-1100b	6105	6145	CHN	TWN
1100-1200a	6145	6165	11635	15465 SoEaAS CHN TWN
1300-1400b	1206	9780	SoEaAs	CHN TWN
1400-1500b	11915	1206	SoEaAs	
1700-1800a	11875		EaAF	
3) Cantonese (spoken in Hong Kong	Guangdong)			
0100-0200a	5950	15440	NAm	
	7520	15290	Eu SoEaAS	
0200-0300b	11855		SoEaAs	
0300-0400a	11740		CeAM	SAm
0500-0600b	5950	9680	NAm	
	15320	15580	SoEaAS	
1000-1100a	9610	9780	11635	15525 SoEaAS AUS NZL
1100-1200b	9780	1206	SoEaAS	CHN TWN
1200-1300a	11915	6145	6105	1206 SoEaAS CHN
1300-1400b	11915	6145	6105	SoEaAS CHN
4) Mongolian	1000-1100	11985	Mongolia	
Tibetan	1300-1400	9540	Tibet	Nepal
Note: a-PROGRAM A	b-PROGRAM B			
4. EXTERNAL NETWORK: * Skelton-UK, # WYFR Florida relay				
Engl.	0200-0300a	11740	9680	5950 NoAm CeAm
		15320	15465	SoEaAS
	0300-0400b	5950	9680	NAm
		11875	15320	SoEaAS
	0700-0800a	5950		WeNAm
	1100-1200a	11985		N CHN
		b 585	7445	SoEaAS
	1200-1300a	9610	7130	NoEaAS AUS NZL
	1400-1500a	15265		SoEaAS
	1600-1700a	11550		INDIA S CHN
	1700-1800b	11550		INDIA S CHN
	2200-2300a	9355#	5810#	EUR
French	0700-0800	9355#		EUR
	1800-1900	17760#		EUR NAm
	2000-2100	9955	9355#	EUR NAF NAm
Span.	0200-0300	15215	11825	wSAm
	0400-0500	11740		CeAM
	0600-0700	5950#		wNAm
	2000-2100	11665#		EUR
	2100-2200	9955		EUR
	2300-0000	11720	9690	eSAm
Japan.	0100-0200a	15310		JPN
	0800-0900b	11605		JPN
	1100-1200a	7130	11605	JPN
	1300-1400b	7130	11605	JPN
German	0600-0700	9355#		EUR
	1800-1900	9955		EUR
	2100-2200	9355#	5810#	EUR
Russ.	0900-1000	11985		EaCIS
	1300-1400	15695	11745	CIS
	1700-1800	9955		WeCIS
Indon.	0800-0900a	15580		INS
	1000-1100a	11550	11735	INS



	1100-1200b	11550	11735		INS				
	1200-1300b	585	7445	11635	SoEaAS				
	1400-1500a	11745			SoEaAS				
	1600-1700a	585	7445	11745	SoEaAS				
	0400-0600ba	585			SoTWN				
Korean	0300-0400	15345			Korea				
	1200-1300	9540			Korea				
	1400-1500	9540			Korea				
Thai	0600-0700a	15405			THA				
	1400-1500a	11635	9485		THA				
	1500-1600b	7445	585	747	THA				
	2200-2400ab	585	7445		THA				
Vietn.	0900-1000	15270			VNM				
	1500-1600	11915			VNM				
	2200-2300	9790			VNM				
Burmese	0500-0600	15405			MMR				
	1500-1600	9595			MMR				
Arabic	1600-1700	11955			NAf	ME			
	1800-1900	11610			NAf	ME			
Chin.	0100-0200b	11825					SAm		
	0400-0500a	5950#	9680#	15320	11855		SoEaAS	AM	
	0900-1000b	9610	11605	9780	11735	15525	SoEaAS	AUS NZL	
	1200-1300a	15465	9780				SoEaAS	NoEaAS	
	1900-2000a	9955					RUS		
		b	9355#	17760#	(6.7)		EUR		

Note: a-PROGRAM A    b-PROGRAM B

5. Voice of Asia :

Ch	1200-1400	11795	11775				CHN		
	1700-1900	9280					CHN		
	1849-1900	7445	585	(x6)			SoEaAs		
	2100-2300	7445	585				SoEaAs		

**Relay stn via CBS:**

WYFR (World Family Radio): B01

CHINESE	1200-1600	1900-0300	1557						
	0900-1200	1521							
	1000-1300	1098							
	1200-1500	747							
	2100-0000	1002-1602	6300	9280					
CANTONESE	0800-0900	1557							
ENGLISH	0500-0800	0900-1200	1600-1900	1557					
	0100-0200	15060							
	1302-1502	11550							
	1500-1600	6280							
	1500-1700	15525							
Hindi	0000-0100	15060							
	1502-1602	11550							
Russian	1502-1702	9955							

R. AUSTRALIA: B01

INDONESIAN	0500-0530	11745							
	0800-0830	11550							
	2130-2330	11550							

WSHB-KHBI: B-01

ENGLISH	1000-1100	11780							
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Clandestine station in Taiwan: VOICE OF CHINA:

CHINESE	2200-2300	15280							
	0830-0930	11940							

NEW STAR BROADCASTING STATION:

11430	New Star Channel 1								
15388	New Star Channel 2								
9725	New Star Channel 3								
8300	New Star Channel 4								
13750	New Star Channel 5								

(Miller Liu via WDXC-HQ, 2001 Dec 18)

**CIS: Relay via transmitters** of CIS countries via shortwave 28.10.2001 – 30.03.2002

kHz UTC kW station

## Armenia

5855 1655-1840 100 TWR  
 6240 1200-1215 100 TWR  
 7475 1400-1500 100 RFA  
 7550 2300-2400 500 RFA  
 7560 0000-0300 500 RFA  
 9365 (from March 3rd. 2002 - 11590)  
 1100-1400 500 RFA  
 9920 (from March 3rd. 2002 - 11520)  
 1400-1600 500 RFA  
 9965 0000-0300 500 VOR  
 9965 (Alternative frequency 9960 kHz)  
 1900-1930 500 RIC  
 11510 1700-1900 500 VOR  
 11790 1400-1500 100 VOA  
 15735 2000-2200 500 VOR  
 17540 0600-0700 500 RFA

## Moldova

7125 0100-0600 500 VOR  
 7180 0100-0600 500 VOR  
 7480 1700-1730 500 RBA  
 7480 1800-1830 500 RPD  
 7520 1730-1815 500 RIN

## Kazakhstan

5905 1430-1530 200 DVB  
 7530 2230-2330 200 RFA  
 7550 1300-1400 500 RFA  
 9355 1630-1700 Tue, Fri 200 VOO  
 9490 2330-0030 500 RFA  
 11510 1230-1330 500 RFA  
 11535 1400-1500 200 RFA  
 11570 0030-0130 200 RFA  
 13830 0000-0100 200 RFA  
 15595 1215-1300 200 VOT  
 15695 1100-1200 500 RFA

## Tajikistan

4940 1300-1700 100 VOR  
 4965 1300-1700 100 VOR  
 4975 1300-1700 100 VOR  
 5830 1800-1830 100 RIT  
 7250 2315-2400 100 VOT

7415 2300-2400 200 RFA  
 7455 1800-2100 500 RFA  
 7470 (from March 3rd. 2002 - 15695)  
 0100-0300 200 RFA  
 7485 0100-0200 200 RFA  
 7495 1500-1600 200 RFA  
 7515 2330-0030 200 RFA  
 7515 1600-1700 200 RFA  
 7530 1600-1700 200 RFA  
 7540 2300-2400 500 RFA  
 7540 1500-2200 500 RFA  
 7570 (from March 3rd. 2002 - 11500)  
 0100-0300 500 VOR  
 9355 1300-1400 200 RFA  
 9360 1500-2000 200 VOR  
 9365 0100-0200 200 RFA  
 9365 1400-1500 200 RFA  
 9945 0200-0300 500 VOR  
 11500 1200-1500 500 VOR  
 11535 0030-0130 200 RFA  
 11540 1100-1400 200 RFA  
 15645 1215-1300 100 VOT  
 17495 0300-0700 500 RFA  
 17495 0800-1000 500 VOR  
 17515 0600-0700 200 RFA  
 17525 0300-0700 500 RFA  
 17525 0800-1000 500 VOR

## Uzbekistan

6210 1710-1740 100 VAT  
 7375 0100-0130 200 BBC  
 7430 (Alternative frequency 7325 kHz)  
 2300-0030 200 TWR  
 7430 1330-1445 200 BBC  
 7430 1500-1530 200 BBC  
 9865 1450-1620 100 VAT  
 11530 1500-? 100 MSP  
 11850 1400-1430 Mon-Fri 200 RFV  
 12070 1325-1625 100 RNW  
 15230 0700-1100 100 MSP  
 17690 1200-1230 100 RVI  
 21780 0800-0830 200 BBC

BBC = British Broadcasting Corporation  
 DVB = Democratic Voice of Burma  
 MSP = Voice of Mesopotamia  
 RBA = R.Barabari  
 RFA = Radio Free Asia  
 RFV = R. Free Vietnam  
 RIC = R.Intercontinental  
 RIN = R. Anternacional  
 RIT = Radio Iran of Tomorrow

RNW = Radio Nederland Wereldomroep  
 RPD = R. Payam-e Doost  
 RVI = Radio Vlaanderen Internationaal  
 TWR = Trans World Radio  
 VAT = Radio Vaticana  
 VOA = Voice of America  
 VOO = Voice of Orthodoxy  
 VOR = Voice of Russia  
 VOT = Voice of Tibet

(Nikolai Rudnev in RUS-DX #101-C via Anatoly Klepov via WWDXC-HQ, December 08, 2001)

**CLANDESTINE: Clandestines Stations** Via CIS Transmitters B-01 / Last Updated &

Revised Dec. 6, 2001

IBC Tamil Scervice in Tamil:

0000-0100 Daily 7460.0 NVS

Voice of Tibet in Tibetan/Chinese

0100-0145 Daily 9910.0 DB  
 Denge Mezopotamya in Kurdish/Arabic  
 0900-1100 Daily 15230.0 TAC  
 Radio Ezra in English  
 0900-0930 Sun 12110.0 VLD  
 Voice of Tibet in Tibetan/Chinese  
 1215-1300 Daily 15655.0 DB or 15645 DB and 15670.0 A-A or 15680.0 A-A  
 Radio Voice of Afghanistan in Pashto/Dari  
 1330-1430 Daily 9950.0 SAM  
 Voice of Khmer-Krom in Khmer  
 1400-1500 Fri 15690.0 A-A  
 Radio Free Vietnam in Vietnamese  
 1400-1430 Mon to Fri 11850.0 TAC  
 Democratic Voice of Burma in Burmese  
 1430-1530 Daily 5905.0 A-A  
 Denge Mezopotamya in Kurdish/Arabic  
 1500-1700 Daily 11530.0 YER  
 Voice of Iran in Persian  
 1630-1830 Daily 15690.0 MDA  
 Radio Barabari in Persian  
 1701-1731 Mon,Wed,Fri,Sun 7480.2 ??? ISRAEL ???  
 Netsanet Le Ethiopia in Amharic  
 1700-1800 Wed,Sun NF 12120.0 SAM (ex 12110 to avoid ERA INTERPROGRAMM)  
 Radio Sagalee Oromia in Oromo  
 1730-1800 Mon,Thu,Fri NF 12120.0 SAM (ex 12110 to avoid ERA INTERPROGRAMM)  
 Dejen Radio in Tigrina  
 1700-1800 Sat NF 12120.0 SAM (ex 12110 to avoid ERA INTERPROGRAMM)  
 Radio International in Persian  
 1730-1815 Daily 7520.0 MDA  
 Radio Sedoye Payem e Doost in Persian  
 1800-1830 Wed,Fri to Mon 7480.0 MDA  
 Voice of Biafra International in Igbo/English  
 1900-2000 Sat 12125.0 SAM  
 Eurosoner Radio in German  
 2000-2100 Sat 7590.0 ARM  
 World Falun Dafa Radio in Mandarin Chinese  
 2100-2200 Daily 5925.0 IRK and 9945.0 / DB  
 Voice of Tibet in Tibetan/Chinese  
 2315-2400 Daily 7180.0 DB

TRANSMITTERS SITES:

A-A=Almaaty Kazakhstan, ARM=Armavir Russia, DB=Dushanbe Russia,  
 IRK=Irkutsk Tajikistan, MDA=Grigoriopol Moldova, SAM=Samara Russia,  
 TAC=Tashkent Uzbekistan, VLD=Vladivostok, Russia, YER=Yerevan Armenia.  
 (OBSERVER #145 via Nedjalkov via WB; December 07, 2001)

**EGYPT:** Complete scheme of **Radio Cairo**, the External Service of the Egyptian Radio RTV for the present period B01. Address: QTH: Radio TV Union, Egyptian Broadcasting Corporation, Overseas Radio Services Network, Cairo, Egypt.

0030-0430	9900 ARABIC	E.N.AMERICA
0045-0200	9475 SPANISH	N. AMERICA
0045-0200	9740 SPANISH	C. AMERICA
0045-0200	11715 SPANISH	S. AMERICA
0200-0330	9475 ENGLISH	N. AMERICA
0200-0000	12050 GENERAL	N. AMERICA & EUROPE
0200-1500	9755 HOLY QURAN ARAB	GULF
0300-0600	9855 VOICE OF ARABS	N.AFRICA, S.EUR & ARAB GULF
0300-0030	15285 VOICE OF ARABS	ARAB GULF
0350-0700	9770 GENERAL N.AFRICA	S.EUROPE
0350-0700	9620 GENERAL PROGRAM	N.AFRICA, S.EUROPE
0350-1200	9800 GENERAL PROGRAM	ARAB GULF
0600-1400	11980 VOICE OF ARABS	N.AFRICA, S.EUR & ARAB GULF
0700-1100	15115 GENERAL PROGRAM	W.AFRICA

0700-1400	15475	GENERAL PROGRAM	S. & C.AFRICA
0700-1500	11785	GENERAL PROGRAM	N.AFRICA, S.EUROPE
1015-1215	17745	ARABIC	M.EAST & AFGHANISTAN
1100-0000	9850	GENERAL PROGRAM	N.AFRICA, S.EUR & ARAB GULF
1100-1130	17800	ARABIC	C. & S.AFRICA
1115-1215	17665	THAI	S.E.ASIA
1215-1330	17595	ENGLISH	S.ASIA
1215-1315	17665	MALAY	S.E.ASIA
1230-1330	15160	PERSIAN	TADZHIKSTAN
1300-1800	17670	GENERAL PROGRAM	N.AFRICA, S.EUROPE
1320-1450	17665	INDONESIAN	S.E.ASIA
1330-1430	17595	BENGALI	S.ASIA
1330-1530	11560	PERSIAN	IRAN
1300-1600	15220	ARABIC	W.AFRICA
1430-1530	9780	AZERI	AZERBAIJAN
1500-2400	9755	HOLY QURAN	N.AFRICA, S.EUROPE
1500-1600	17690	HINDI	S.ASIA
1500-1600	17710	PASHTO	AFGHANISTAN
1500-1600	6120	RUSSIAN	W.RUSSIA
1530-1630	9620	UZBEKI	UZBEKISTAN
1530-1630	15155	AFAR	E.&C.AFRICA
1530-1730	11975	SWAHILI	C.&E.AFRICA
1600-1800	15170	URDU	S.ASIA
1600-1645	15475	ZULU	C.&S.AFRICA
1600-1800	6100	TURKISH	TURKEY
1600-1800	9950	ALBANIAN	ALBANIA
1630-1730	15155	SOMALI	E. & C.AFRICA
1630-1830	15255	ENGLISH	C. & S.AFRICA
1645-1730	15475	SHONA	C. & S.AFRICA
1730-1815	15475	INDEBELE	C. & S.AFRICA
1730-1900	15155	AMHARIC	E. & C.AFRICA
1800-0030	9700	VOICE OF ARABS	N.AFRICA, S.EUROPE
1800-1900	9988	ITALIAN	EUROPE
1800-2100	9675	HAUSA	W.AFRICA
1830-1915	15255	LINGALA	C. & S.AFRICA
1830-1930	15375	WOLOF	W.AFRICA
1900-2000	9990	GERMAN	EUROPE
1900-0030	11665	VOICE OF ARABS	C. & E.AFRICA
1915-2030	9720	FULANI	W.AFRICA
1930-2030	15375	BAMBARA	W.AFRICA
2000-2200	11990	ARABIC	AUSTRALIA
2000-2115	9990	FRENCH	EUROPE
2030-2200	15375	ENGLISH	W.AFRICA
2030-2230	15335	FRENCH	W.AFRICA
2100-2200	9675	YORUBA	W.AFRICA
2115-2245	9990	ENGLISH	EUROPE
2215-2330	15420	PORTUGUSE	S.AMERICA
2300-0030	9900	ENGLISH	E.N.AMERICA
2330-0045	15590	ARABIC	S.AMERICA
2330-0045	17770	ARABIC	S.AMERICA

(Niveen Lawrence via Alokesh Gupta via WDXC-HQ; November 10, 2001)

**IRAN:** Winter B01 schedule *Voice of the Islamic Republic of Iran - VOIRI* Tehran.

ALBANIAN				0330-2127	1080		
0630-0727	15235	17680		0430-1627	15125		
1830-1927	6100	7165	9610	0530-1127	612		
2030-2127	6100	11895		0930-1227	17550	21545	21820
ARABIC				1030-1527	13675		
0230-0427	7155			1230-2127	9860		
0230-0527	9640			1630-2127	6025	6065	13750
0230-0627	576	9895		1730-0127	6200		
0230-1627	15545			1830-2127	7115		

2130-0127	11710					1930-1957	7295	9615	11890		
ARABIC (VOICE OF ISLAMIC PALESTINIAN REVOLUTION)						JAPANESE					
0330-0427	7250	9505				1300-1327	9655	9880			
ARABIC (VOICE OF ISLAMIC REVOLUTION OF IRAQ)						2100-2127	6125	7180			
0330-0527	6145	7100	9790	11660		KAZAKH					
ARMENIAN						0130-0227	7190	9880			
0300-0327	7295					1300-1357	11750	13755	15410		
0930-0957	9615	9885	15260			KURDISH					
1630-1727	6185	7230	9780			0330-0527	612	639			
ASSYRIAN						1430-1627	1161				
1830-1927	936					MALAY					
AZERI						1230-1327	15200	15585	17560	17690	
0100-0327	6150					PASHTO					
0330-0527	702	11720				0230-0327	765	1098	6095	9525	9605
1500-1657	702	1323	6200			0900-0927	11675	17680			
BENGALI						1230-1327	765	1098	7165	9790	11870
0030-0127	765	6005	6085	6185		13775					
1430-1527	6090	9885	11870	15135		1430-1527	765	1098	7270		
BOSNIAN						1630-1727	1098	3945	6005	6015	7195
0530-0627	15235	17680	17860			PERSIAN					
1730-1827	7295	11660	11895			0000-0627	15084				
2130-2227	6100	7235	9710			0830-1157	15084				
CHINESE/MANDARIN						1300-2357	15084				
1330-1427	9810	11670	13645	15240		RUSSIAN					
2330-0027	7130	7210	9635			0230-0327	9805	9830	11780	11850	
DARI						1400-1457	702	1449	9575	11660	11930
0300-0427	720	6160				1530-1627	7165	7200	7230	9705	9810
0930-1027	11675					11785					
1330-1457	720	7180				1730-1827	6035	7115	7205	7305	
1730-1827	3945					1930-2027	6045	7100	7205	9805	
ENGLISH (RADIO SHALOM)						SPANISH					
2000-2027	7175	7255				0030-0127	9630	9650	9660		
ENGLISH						0130-0227	6135	9630	9650	9660	
0030-0127	6065	6135				0230-0327	6065				
1100-1227	15385	15480	15575	21470	21730	0530-0627	17590	17785			
1530-1627	9605	11775	11870			2030-2127	6005	9750			
1930-2027	702	6110	9890	11695	15140	SWAHILI					
2130-2227	9780	11740				0330-0427	13640	15125	15260	15595	
GEORGIAN						1000-1057	17780	21755			
1700-1757	702					1730-1827	9595	11750			
GERMAN						TAJIK					
0730-0827	15084	21770				0100-0227	720	5950			
1730-1827	6180	7190	9500			1600-1727	720	5955			
FRENCH						TURKISH					
0630-0727	17590	21645	21775			0430-0557	15260	15365			
1830-1927	6180	7135	9535	9805		1600-1727	7125	9735			
2330-0027	6135	11730				1830-1927	639	702			
HAUSA						TURKMEN					
0600-0657	17840	21810				0230-0457	1449				
1830-1927	11880	15550				1500-1827	1449				
HINDI						URDU					
0230-0257	15165	17640				0130-0227	765	1098	6010	6190	7210
1500-1527	7195	11775	11950	13745		1430-1457	765	1098	7145	9480	9655
ITALIAN						11775	11950	13595			
0630-0727	15084	17560	17605			1530-1727	765	1098	7270		
1200-1257	15084	15275	17610			UZBEK					
						0230-0257	720	5950			
						1500-1557	720	5955			

VOIROI/IRIB deleted traditional frequency 9022 for the following transmissions:  
0630-0727 ITALIAN 1600-1727 TURKISH 1830-1827 GERMAN  
1830-1927 FRENCH 1930-2027 ENGLISH 2030-2127 SPANISH

2130-2227 BOSNIAN      2230-2327 HAUSA      2330-0027 FRENCH  
0030-0127 ENGLISH

(Ivo Ivanov and Angel Datzinov in Observer via BC-DX #547, 2001 Nov 13)

**JAPAN: Radio Japan - NHK World**, schedule B01. Address: NHK World, Radio Japon, Tokyo 150-8001, Japon. Web: <www.nhk.or.jp/rinet>.

To SoEaAS

Burmese	1030-1100	11740SNG	1230-1300	9695*
	2320-2340	13650*		
Chinese	0630-0700	17860*	1230-1300	11740SNG
	2240-2300	13650*	2340-0000	17810
English	0100-0200	17810* 11860SNG		
	0500-0600	17810*	0600-0700	11740SNG
	1000-1200	9695*	1400-1600	7200
	0000-0030	13650* 17810		
Indonesian	0930-1000	9695*	1130-1200 & 1230-1300	13660
	2300-2320	17810	2340-0000	13650*
Japanese	0200-0300	11860SNG	0200-0500	17810*
	0700-0900	9695*	0700-1000	11740SNG
	0900-1500	11815*	1600-1900	7200
	1900-0000	11665*	2000-2200	7225
Malay	1200-1230	9695* 13660	1300-1330	9695
	2240-2300	17810		
Thai	1130-1200	11740SNG	1330-1400	7200
	2300-2320	13650*		
Vietnamese	1100-1130	13660	1200-1230	11740SNG
	2320-2340	17810		

To Asian Continent

Chinese	0430-0500 & 0530-0600	17845*		
	1130-1200, 1230-1300 & 1430-1500	6190		
	2230-2250	9560		
English	0100-0200	17845*	0500-0700	15195*
	1000-1200	15590*	1500-1600	9750*
Japanese	0200-0300	17845*	0200-0500 & 0700-0800	15195*
	0800-1500 & 1600-1700	9750*	1600-1900	6035*
	1900-0000	11910*	1900-2100	6165*
Korean	0400-0430 & 0500-0530	17845*	1100-1130	6090
	1200-1230, 1300-1330 & 1400-1430	6190		
	2200-2230	9560*		

To FE Russia

English	0600-0600	11715* 11760*		
Japanese	0700-0800	6145* 6165*		
Russian	0600-0630	11715* 11760*		
	0800-0830	6145* 6165*	1900-1930	5955*

To SoWeAS

Bengali	0630-0700	15590* 11890SRI	1300-1330	11890SRI
English	0100-0200	15325	1400-1600	9845*
Hindi	0700-0730	15590* 11890SRI	1330-1400	11890SRI
Japanese	0200-0400	15325*	0300-0400	11890SRI
	0800-1000	15590*	1500-1700	12045SRI
	1600-1700	9845*		
Urdu	0730-0800	15590* 11890SRI	1400-1430	11890SRI

To Oceania

English	0100-0200	17685*	0300-0400	21610
	0500-0700 & 1000-1100	21755		
	2100-2200	11850 11920SNG		
Japanese	0200-0400	17685*	0200-0300	21610
	0700-1000	21755 11920SNG	1600-1800	7140
	2000-2100	11850 11920SNG		

To NoAM

English	0000-0100	6145CAN	0500-0600	6110CAN(West)
	0500-0700	9835*	1100-1200	6120CAN(East)

	1400-1500	& 1700-1800	9505	2100-2200	17825*
Japanese	0200-0400	5960CAN(Ea)	17875	0800-1000	9835*
	1300-1500	11705CAN(Ea)		1500-1700	9505
	2200-2300	6110CAN(Ea)	17825*		
To Hawaii					
English	0600-0700	17870		2100-2200	21670
Japanese	0700-0800	17870		0800-1000	15230
	1700-1800	9835*			
To CeAM					
English	0300-0400	17825*			
Japanese	0200-0300	17825*		0800-1000	12030
	1500-1700	9535*		2200-2300	11895GUF
Spanish	0500-0530	11895GUF		1000-1030	12030
To SoAM					
English	0100-0200	17835			
Japanese	0200-0400	17835		0300-0400	9660GUF
	0800-1000	15230	9530GUF	1700-1800	21600GUF
	1700-1900	9835*		2200-2300	15220ASC
Portug	0230-0300	9660GUF		1030-1100	15590GUF(East)
Spanish	0400-0430	9660GUF		1000-1030	15590GUF
To Europe					
English	0500-0600	5975UK		0500-0700	7230UK
	1700-1800	11970*			
	2100-2200	11830UK	6180UK	6115UK	
French	0630-0700	11915GAB		1800-1820	11970*
German	0600-0630	11915GAB			
	1100-1130	9660UK	11710UK		
Italian	0530-0545	11915GAB		1030-1045	21700GAB
Japanese	0800-1000	11710UK		1700-1730	9750UK
	1700-1900	6175UK		2000-2100	11830*
	2200-2300	6115UK			
Russian	0430-0500	11915GAB		1130-1200	11710UK
	1840-1900	11970*			
Spanish	0500-0530	11916GAB		1820-1840	11970*
Swedish	0545-0600	11915GAB		1045-1100	21700GAB
To ME & NoAF					
Arabic	0400-0430	11880SRI	11930GAB		
	0700-0730	15220ASC			
English	0100-0200	11870*	11880SRI	11930GAB	
	1400-1500	17755GAB			
French	0500-0530	17820SRI		1500-1520	7190*
Japanese	0200-0400	11870*			
	0300-0400	11880SRI	11930GAB		
	0800-1000	21550GAB		1700-1800	11880SRI
Persian	0230-0300	11880SRI	11930GAB		
	0830-0900	17820SRI			
To Africa					
Arabic	0400-0430	11930GAB		0700-0730	15220ASC
English	1700-1730	15355GAB(South)			
	2100-2200	11855ASC	(Central)		
French	1230-1300	15400ASC(West)	17790ASC(Central)		
	1800-1820	9685*	11785*		
Japanese	0800-0900	15220ASC(West)			
	1600-1800	21630ASC(Central)			
	1800-1900	15355GAB(South)			
Swahili	0330-0400	6135ASC(Central)			
	1300-1330	17790ASC(Central)			

## Relays:

ASC = Ascension      CAN = Sackville      GAB = Gabon  
 GUF = Fr.Guiana      SNG = Singapore      SRI - Sri Lanka  
 UK = United Kingdom. \* via Yamata 300kW - others 100kW  
 (Last season the transmission powers as follows, Ed.:  
 Stations: Yamata (G.C: 139.50E/36.10N):

3x100kW and 7x300kW. And a 100kW tx is reserved.

Relays: B = Skelton-UK 300/250 kW or BW = Woofferton-UK 300/250 kW

C = Sackville-CAN 250 kW

F = Montsinery-GUF 500 kW

G = Moyabi-GAB 500 kW

I = Kranji-SNG 250 kW

S = Ekala-SLK 300 kW

A = Ascension Isl 250 kW.)

NHK has been broadcasting the emergency news programs of "US attack the terrorist group in Afghanistan." Frequency schedule for MiE & NoAF area is following.

Japanese service

1500-1600 15265 (Skelton, UK)  
 1600-1700 15215 (Skelton, UK)  
 1700-1900 11880 (Dhabbaya, UAE)  
 1900-2100 9590 (Dhabbaya, UAE)  
 2100-0100 6160 (Dhabbaya, UAE) (21-22 En??)  
 0100-0400 11870 (Yamata, Japan)  
 0400-0700 9700 (Yamata, Japan)  
 0700-1300 15165 (Dhabbaya, UAE)  
 1300-1500 17555 (Rampisham, UK)

English service

0100-0200 11870 (Yamata, Japan)  
 11880 (Ekala, Sri Lanka)  
 1400-1500 17755 (Gabon)

Persian service

0230-0300 11930 (Gabon)  
 0830-0900 17820 (Ekala, Sri Lanka)

Arabic service

0400-0430 11930 (Gabon)  
 0700-0730 15220 (Ascension Island)

Please be advised that the schedule is subject to change.

(Printed schedule via Noel R. Green via BC-DX #547, 2001 Nov 5)

**KOREA (NORTH):** Schedule of *Radio Pyongyang* for period B01, given by the Asian Broadcasting Institute, Tokyo - Japan:

Arabic			1900-2000 WEu	4405, 7505, 11335
1500-1600 ME/NAf	3560, 9975, 11735		2100-2200 WEu	4405, 7505, 11335
1900-2000 SAf	3560, 6520, 9660		French	
1900-2000 ME/NAf	9975, 11735		0100-0200 SEAs	9325, 11335
Chinese			0300-0400 CAm/SAm	6520, 7580, 11735
0000-0100 SEAs	9325, 11335		1100-1200 CAm/SAm	3560, 9335, 11710
0200-0300 NECHN	6195, 7140, 9345		1100-1200 SEAs	9850, 11735
0300-0400 SEAs	9325, 11335		1400-1500 WEu	4405, 7505, 11335
0800-0900 NECHN	4405, 7140, 9345		1400-1500 NAm	9335, 11710
1100-1200 NECHN	4405, 7140, 9345		1600-1700 WEu	4405, 7505, 11335
1300-1400 SEAs	3560, 9850, 11735		1600-1700 NAm	9335, 11710
2100-2200 NECHN	3560, 7140, 9345		1800-1900 SAf	3560, 6520, 9660
2100-2200 CHN	9975, 11735		1800-1900 ME/NAf	9975, 11735
2200-2300 NECHN	3560, 7140, 9345		2000-2100 WEu	4405, 7505, 11335
2200-2300 CHN	9975, 11735		German	
English			1600-1700 EEu	6575, 9325
0100-0200 NECHN	6195, 7140, 9345		1800-1900 EEu	6575, 9325
0100-0200 CAm/SAm	6520, 7580, 11735		1900-2000 EEu	6575, 9325
0200-0300 SEAs	9325, 11335		Japanese	
0300-0400 NECHN	6195, 7140, 9345		0700-0800 J	621, 3250, 6520, 7580
1000-1100 CAm/SAm	3560, 9335, 11710		0800-0850 J	621, 3250, 6520, 7580
1000-1100 SEAs	9850, 11735		0900-1000 J	621, 3250, 6070, 6520, 7580
1300-1400 WEu	4405, 7505, 11335		1000-1050 J	3250, 6070, 6520, 7580
1300-1400 NAm	9335, 11710			
1500-1600 WEu	4405, 7505, 11335			
1500-1600 NAm	9335, 11710			
1600-1700 ME/NAf	3560, 9975, 11735			



1100-1200 J	621, 3250, 6070,	Korean(R.Pyongyang)		
6520, 7580		0000-0050 NECHN	6195, 7140, 9345	
1200-1250 J	621, 3250, 6070,	0700-0750 NECHN	4405, 7140, 9345	
6520, 7580		0900-0950 FER	3560, 6575, 9975	
2100-2150 J	621, 3250, 6520,	0900-0950 EEU	9325, 11335	
7580		1000-1050 NECHN	4405, 7140, 9345	
2200-2300 J	621, 3250, 6520,	1200-1250 NECHN	4405, 7140, 9345	
7580		1300-1350 EEU	6575, 9325	
2300-2350 J	621, 3250, 6520,	Russian		
7580		0700-0800 FER	3560, 6575, 9975	
Korean(Korean Central BS)		0700-0800 EEU	9325, 11335	
0900-0950 NECHN	4405, 7140, 9345	0800-0900 FER	3560, 6575, 9975	
1200-1250 CAm/SAm	3560, 9335, 11710	0800-0900 EEU	9325, 11335	
1200-1250 SEAs	9850, 11735	1400-1500 EEU	6575, 9325	
1400-1450 SEAs	3560, 9850, 11735	1500-1600 EEU	6575, 9325	
1700-1750 WEu	4405, 7505, 11335	1700-1800 EEU	6575, 9325	
1700-1750 NAm	9335, 11710	Spanish		
2000-2050 SAf	3560, 6520, 9660	0000-0100 CAm/SAm	6520, 7580, 11735	
2000-2050 EEU	6575, 9325	0200-0300 CAm/SAm	6520, 7580, 11735	
2000-2050 ME/NAf	9975, 11735	1700-1800 ME/NAf	3560, 9975, 11735	
2300-2350 NECHN	3560, 7140, 9345	1800-1900 WEu	4405, 7505, 11335	
2300-2350 WEu	4405, 7505, 11335	2200-2300 WEu	4405, 7505, 11335	
2300-2350 CHN	9975, 11735			

(ABI webpage, last modified: Nov. 8, 2001, via JKB)

**MISCELLANEOUS:** The maximum sunspot number R=150.7 of this solar cycle 23/24 observed in September 2001. Now the sunspot number decreases. Here are the predicted values by the IPS Radio & Space Services, Sydney, Australia, for 2002:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
105.2	104.6	101.0	96.4	93.4	91.3	88.9	86.4	83.9	81.3	78.8	76.3

(IPS website via JKB, updated Dec 03 2001)

**NORWAY:** *Radio Norway* is closing down all programming and transmissions on Short wave and Medium wave. The decision was made by the board of the Norwegian Broadcasting Corp. (Norsk Rikskringkasting - NRK) at December 5. NRK is in deep money trouble. Radio Norway will cease to exist "early in the new year (2002)", so, if you haven't got R Norway's QSL, this is your final chance to get it. R Norway has been on the air since 1948, beaming programs mainly to sailors on board Norwegian merchant vessels and expatriate communities. R. Norway was a direct "child" of the Norwegian exile transmissions from London and Boston during World War II to Norwegians living in German occupied Norway and to sailors on the Norwegian merchant fleet supplying UK and the Soviet Union with goods and arms from the US. (Rolf Lovstrom-NOR, 2001 Dec 5, at Usenet rec.radio.shortwave, via BC-DX #551)

The decision also affects the 1.2 MW tx at Kvitsoy Island (1314 kHz). This is also planned to be switched off on new years eve, alongside the four SW-txs at Kvitsoy and Sveio. The two sites employ a staff of 18 (13 at Kvitsoy, 5 at Sveio). At the remote Kvitsoy Isl, the stn is a very vital employer, and a closedown will have great impact on the community. (Bernt Erfjord, Norway, Editor, DX-News magazine DX-Listeners' Club, 2001 Dec 6, via BC-DX #551)

Radio Norway Internationals final broadcast will be hosted by veteran Mr. Einar Lie at 2001 Dec 31. (Erik Koie-DEN OZ3YI, Radio Denmark, via BC-DX #551, 2001 Dec 6)

**POLAND:** *Radio Polonia*'s Media program announced that the management of Polish Radio has been considering the shutdown of the SW transmitters. Many complaints about the quality of the SW signals have been received, however the transmitters are the property of Polish Telecom so R. Polonia has no influence on the quality of the signal being transmitted. It would be too expensive for Polish Radio to buy the transmitters and upgrade them. Transmission costs are one third of the budget anyway, this was the reason MW transmissions (on 1503 kHz Stargard Tychovo site) were stopped some years ago. (Mike Barraclough, via BC-DX #548, 2001 Nov 13)

Polish Radio Warsaw, External Service From Oct 28 To March 31 2002:

## BELARUSSIAN

1230-1255 7285 5995  
 1430-1529 7180 5995  
 1730-1855 7285 5995  
 1900-1955 7180 6050  
 2130-2155 7165 6035

## CZECH

1100-1129 7285 5965 - except Monday  
 1700-1725 7215 6095 - except Sunday

## ENGLISH

1300-1359 11820 9525 7270 6095  
 1800-1859 7285 5995  
 2030-2129 9540 7165 7290 5995

## ESPERANTO

1430-1455 7285 7275  
 1900-1925 7130

## GERMAN

1230-1259 9525 6095  
 1500-1525 7285 6095  
 1900-1925 7285

## LITHUANIAN

1400-1425 7275 6095  
 1600-1629 7180 5985

## POLISH

0305-0355 225 LW  
 1130-1159 7285 5965  
 1200-1225 7285 7270  
 1630-1729 7285 6035  
 2200-2259 7180 7165 6040

## RUSSIAN

1200-1229 9540 6095  
 1400-1429 9540 7285  
 1530-1555 7285 7180  
 1900-1929 7180 5995  
 2000-2025 7160 7210 7285 6095

## SLOVAK

1100-1129 7285 5965 Monday only  
 1700-1725 7215 6095 Sunday only

## UKRAINIAN

1530-1559 7130 6000  
 1600-1625 7270 5995  
 1630-1655 7180 5995  
 1730-1755 7270 6035  
 1930-1959 7295 7180 6035 5995  
 2130-2155 7180 5995

(R. Polonia website via WB, 6 Nov 2001)

**ROMANIA:** B01 schedule of *Radio Romania International*, homepage at the internet is <http://www.rrr.ro> and postal address is: Radio Romania International, PO Box 111, Bucharest.

ARABIC 0700-0800 15260 EGY, 11775 15270 NE/ME/Horn of AF,  
 15365 17790 Maghreb  
 1300-1400 11740 15250 Egypt, 11830 15335 NE/ME/Horn of AF,  
 15380 17790 Maghreb

AROMANIAN 1800-1830 756 11880 CeEUR 2030-2100 756 9590 CeEUR  
 BULGARIAN 0500-0530 5955 BUL 1630-1700 756 7135 BUL

CHINESE 0630-0700 15380 17720 CHN  
 1430-1500 9530 11910 CHN

ENGLISH 0200-0300 11740 15290 JPN, 11940 15370 NZL  
 9550 11830 NoAM  
 0400-0500 9550 11830 NoAM, 15335 17735 IND  
 0600-0700 9530 11830 NoAM  
 0636-0653 7145 9510 9570 11790 11940 WeEUR  
 0700-0800 15335 17720 NoEaAF  
 1400-1500 11940 15365 17790 WeEUR  
 1700-1800 11940 15245 WeEUR, 9625 11830 NoEUR  
 2100-2200 7105 9690 WeEUR, 5955 7215 NoEUR  
 2300-2400 7195 9570 WeEUR, 9510 11940 NoEUR

FRENCH 0500-0600 6140 7295 9590 WeEUR  
 0600-0619 7145 9510 9570 11790 11940 WeEUR  
 1100-1200 15245 17745 WeEUR, 15380 17790 Maghreb  
 1500-1600 15245 17805 WeEUR, 11940 15390 Maghreb  
 2000-2100 7105 9690 WeEUR, 11740 15365 CAN

GERMAN 0619-0636 7145 9510 9570 11790 11940 WeEUR  
 1200-1300 15245 17745 WeEUR  
 1600-1700 9570 11940 15390 WeEUR  
 1900-2000 5960 7130 WeEUR

GREEK 1330-1400 756 11765 GRC  
 1730-1800 756 9735 GRC

HUNGARIAN 0600-0630 7225 HNG  
 2100-2130 630 6055 7285 HNG

ITALIAN 1100-1130 17795 ITL  
 1400-1430 756 17735 ITL  
 2000-2030 756 7245 ITL

PORTUG	2200-2300	15365	17720	POR	
	0100-0200	11875	15250	17720	BRZ
ROMANIAN	0000-0200	9510	11940	NoAM	
	0000-0600	6040	7145	We&CeEUR	
	0600-0800	7145	9570	11790	We&CeEUR
	0800-1100	15105	17720	We&CeEUR	
	1100-1300	15105	15290	17720	17775 We&CeEUR
	1300-1500	15105	17720	We&CeEUR	
	1500-1700	11790	15105		
	1600-1800	11780	15365	ISR	
	1700-1800	9510	11790	We&CeEUR	
	1800-1900	7195	9510	9570	11790 We&CeEUR
	1900-2200	6040	7145	7195	9570 We&CeEUR
	2200-2400	6040	7145	We&CeEUR	
	2200-2400	9690	11830	NoAM	
RUSSIAN	1200-1300	9570	9590	11810	EaRUS
	1500-1600	11735	15365	EUR-RUS	
	1900-2000	6085	7155	EUR-RUS	
SERBIAN	1300-1330	756	11765	YUG/BIH	
	1830-1900	756	5990	YUG/BIH	
SPANISH	0000-0100	15250	17720	ARG	
	0000-0100	9665	11810	Spain/CUB/Caribe	
	0300-0400	9550	11830	MEX	
	0300-0400	15250	17720	ARG	
	1800-1900	15390	17745	Spain	
	1800-1900	17735	21480	ARG	
	2200-2300	9665	11735	Spain	
TURKISH	1130-1200	11795	TUR		
	1700-1730	756	9595	TUR	
UKRAINIAN	0530-0600	7105	UKR	1600-1630	756 9650 UKR

(RRI printed schedule via Rumen Pankov-BUL, via BC-DX #551, 2001 Dec 6)  
 SUNDAY Special for Seamen and Mariners:  
 0800-0856 15335 15380 15390 17735 17745 17805 Sun only  
 0900-0956 15380 15470 17735 17745 17790 21480 Sun only  
 1000-1056 15245 15380 15390 17735 17745 17790 Sun only  
 (R Bulgaria Observer, Ivo and Angel, via BC-DX #551, 2001 Nov 9)

**RUSSIA:** 25th of December 2001 is the exact day of 70-th anniversary of regular Christian broadcasting on SW. To mark the occasion Moscow **Christian radio station "Tsentr"** (1503 AM) will be on air with special Christmas test-programmes for North America on December 23, 24 and 25 in 03.00-05.00 UTC on the frequency 5925 kHz via Sankt-Petersburg transmitter of 200 kW. During the broadcasting it will be possible to contact the studio by telephone, which number will be announced in the programme. The first hour of the programme will be in Russian, but in the second hour a lot of segments in English will be included. Radio station "Tsentr" had already worked on SW till August 1994. The present information is received directly from the station. Radio station "Tsentr"

Postal address: ul.Nikolskaya, 7, 103012 Moscow, Russia

E-mails: letters@radiocentre.org, letters@radiocenter.net, radiocenter@mail.ru

Web site: <http://www.radiocenter.net>

(Konstantin Gusev via dx\_bistro via RUS-DX #101-A via Anatoly Klepov via WWDXC-HQ, December 02, 2001)

**Radio Rossii**, Moscow 28.10.2001 – 30.03.2002 in Russian:

CRR-1	0630-1500	9720	kHz
Moscow / Kurovskaya, 100 kW	1530-2200	6060	kHz (from 03/03/2002 -
0200-0500	5910	kHz	5940 kHz)
0530-1500	7250	kHz	CRR-1
1530-2200	5910	kHz	Moscow / Taldom, 250 kW
CRR-1	0200-0500	6115	kHz
Moscow / Kurovskaya, 100 kW	0530-0800	9860	kHz
0200-0600	5920	kHz	0830-1700
			13705 kHz

1730-2200 7350 kHz  
 CRR-1  
 Moscow / Taldom, 250 kW  
 0200-0500 7380 kHz  
 0530-0800 12060 kHz  
 0830-1500 17600 kHz  
 1530-1800 11630 kHz ( from 03/03/2002 -  
 12060 kHz)  
 1830-2200 7140 kHz  
 CRR-2  
 S.Petersburg , 200 kW  
 1400-2100 5905 kHz  
 CRR-2  
 Kaliningrad , 160 kW  
 0300-0700 9450 kHz  
 0730-1400 15355 kHz  
 CRR-3  
 Samara , 100 kW  
 0200-0500 6125 kHz  
 0530-1400 11990 kHz

1430-2200 6125 kHz  
 TCR-4  
 Krasnodar, 100 kW  
 0200-0500 7365 kHz  
 0530-0900 12065 kHz  
 0930-1600 12005 kHz  
 1630-2200 5895 kHz ( from 03/03/2002 -  
 9490 kHz)  
 CRR-10  
 Irkutsk, 100 kW  
 2000-2300 7290 kHz  
 2330-0700 9700 kHz  
 0730-1600 7440 kHz  
 Ekaterinburg  
 Radio Centre, 200 kW  
 2200-1800 7220 kHz  
 Ufa.  
 Radio Centre, 15 kW  
 0000-2000 4485 kHz

(Nikolai Rudnev in RUS-DX #100-E via Anatoly Klepov via WDXC-HQ, November 18, 2001)

Radio Rossii corrections to above schedule:

To exclude:

CRR-10  
 Irkutsk, 100 kW  
 2000-2300 7290 kHz  
 2330-0700 9700 kHz  
 0730-1600 7440 kHz

To add:

CRR-10  
 Irkutsk, 100 kW  
 2000-2300 7295 kHz  
 2330-0700 9700 kHz  
 0730-1600 7440 kHz

(Nikolai Rudnev in RUS-DX #100-G via Anatoly Klepov via WDXC-HQ, November 24, 2001)

**Radiostation "Mayak"**, Moscow 28.10.2001 – 30.03.2002

Khanty-Mansiysk.

Okruzhnoy RTPC, 5 kW  
 0100-2000 4520 kHz

(Nikolai Rudnev in RUS-DX #101-E via Anatoly Klepov via WDXC-HQ, November 18, 2001)

Radio **"The Voice Of Russia"** - Russian World Service (Overseas Broadcasting)

Time/Frequency Schedule For Winter Period 2001-2002 To Europe:

02.00-04.00 = 1323, 1215;  
 13.00-14.00 = 7170, 1143, 999;  
 16.00-17.00 = 7170, 1323, 1215, 612, 603;  
 18.00-19.00 = 7360, 5950;  
 20.00-21.00 = 7310, 7360, 7380, 7170, 6145, 6045, 5950, 5895, 1215, 1143, 612, 603;  
 21.00-22.00 = 9480, 9470, 999, 612 kHz.

NOTES: 603 and 1323 kHz - for Germany via local low power transmitters.

612 kHz - for Moscow Region

999 kHz - for Moldavia, Ukraine and Eastern Europe

1143 kHz - for Baltic countries

1215 kHz - for Northern and Central Europe

To AUSTRALIA, NEW ZEALAND and PACIFIC AREA:

13.00 -14.00 = 9490 kHz.

To SOUTH-EAST ASIA and FAR EAST:

13.00-14.00 = 15460\*, 15510\*\*, 9450, 7155, 6185, 6145;

14.00-15.00 = 15460\*, 15510\*\*, 9450, 7155, 6205, 5930, 1269 kHz.

To NEAR and MIDDLE EAST:

02.00-04.00 = 17665, 648 (till 03.00);

13.00-14.00 = 15470\*, 15570\*\*, 12015, 7105\*, 7315\*\*, 6185, 1143;

14.00-15.00 = 12015, 9875\*\*, 9490\*\*, 7315\*, 1251, 1143;

16.00-17.00 = 12030, 9875\*\*, 7315\*, 1314, 1170;

20.00-21.00 = 7445, 7355, 1089;

21.00-22.00 = 7355 kHz.

NOTE: 648, 1251, 6185, 12015 kHz - also for CENTRAL ASIA

To The WESTERN HEMISPHERE:

02.00-04.00 = 17595\*, 17660\*\*, 17565, 15595, 12010, 9810, 9480, 9385, 7350 (since 03.00), 7260, 7240, 7125 kHz.

To The CAUCASIAN AREA:

16.00-17.00 = 12030, 1170;

20.00-21.00 = 7445, 1089 kHz.

NOTES: \*) Till March 2nd, \*\*) From March 3rd.

ADDRESS: Russian World Service, "The Voice of Russia", Moscow-Radio, 113326 Russia

VOICE: (+7 095) 950-6868, FAX: (+7 095) 950-6116

E-MAIL: <worldradio@mail.com>, <letters@vor.ru>

ACTUAL INFORMATION (WEB and "REAL AUDIO"): <<http://www.vor.ru/Russian.htm>>

Radio "**The Voice Of Russia**" - Russian World Service "Commonwealth" (Broadcasting To Countries Of Cis And Baltiya) Time/Frequency Schedule For Winter Period '2001-2002

22.00-23.00 - 612 kHz - To Moscow ;

1323 kHz( Fri - Tue); - To Germany

03.00-04.00 - To Belarus ;

14.00-14.00 - To Belarus, Moldova, Ukraine, Baltiya, Central Asia

(999, 1143, 1278, 5895\*\*, 6045\*, 6185, 7105\*, 7315\*\* kHz);

14.00-15.00 - To Belarus, Moldova, Ukraine, Baltiya, Central Asia

(999, 1143, 1278, 5895\*\*, 5995, 6045\*, 6185, 7170, 7445, 12015 To Berlin (Germany) - 603 ĘçÄ);

15.00-18.00 - To Belarus, Moldova, Ukraine, Baltiya, Central Asia

(1143, 1278, 5895\*\*, 6045\*, 6185, 7170, 7440Á, 7445, 9470a kHz);

18.00-19.00 - To the Caucasian area, Moldova, Ukraine, Baltiya, Central Asia

(1278, 5895\*\*, 5995, 6045\*, 6185, 7170, 7445 kHz);

19.00-20.00 - To Belarus, the Caucasian area ,Moldova, Ukraine, Baltiya

(1089, 1143, 1278, 6185, 7170, 7445 kHz);

NOTES: \*) Till March 2nd, \*\*) From March 3rd.

a) - 16.00-17.00.

ADDRESS: Programme "Commonwealth" Russian World Service, "The Voice of Russia", Moscow-Radio, 113326 Russia

VOICE: (+7 095) 950-6630, FAX: (+7 095) 950-6173

E-MAIL: <worldradio@post.com>, <letters@vor.ru>;

ACTUAL INFORMATION (WEB and "REAL AUDIO"): <<http://www.vor.ru/Russian.htm>>

(Pavel Mikhaylov in RUS-DX #101-H via Anatoly Klepov via WWDXC-HQ, December 01, 2001)

**Foreign relay** via short wave transmitters in Russia 28.10.2001 – 30.03.2002.

CRR-1 (Moscow)

5835 2025-2125 200 RNW

7170 2200-2300 250 CRI

7200 (From March 3rd. 2002 - 11895 kHz)

1830-1930 200 CRI

7385 1700-1800 250 BBC

7390 2000-2130 250 VOV

7430 1600-1630 250 RCI

7440 1800-2000 500 VOV

7440 2000-2200 250 VOM

9480 1200-1600 500 DWL

12060 1400-1700 250 RVI

CRR-2 (S.Petersburg)

7130 1600-1800 400 CRI

7130 1800-1830 400 CRI

CRR-3 (Samara)

5935 1800-1900 250 DWL

5935 2000-2130 250 IBR

7215 2030-2130 250 CRI

9925 2100-2200 200 RVI

12110 1700-1800 250 NER

17765 0700-1600 100 WUN

TCR-4 (Krasnodar)

5965 1800-1900 200 DWL

7305 1800-1900 100 RCI

7350 1900-2130 500 DWL

7400 1600-2300 250 MAR

9925 1700-2100 100 RVI

13685 1400-1700 200 RVI

15195 0600-0900 200 RVI

15195 1200-1230 200 RVI

15455 0600-0900 250 MAR

15525 0900-0930 500 DWL

17860 1000-1030 200 DWL

CRR-8 (Khabarovsk)

6205 (From March 3rd. 2002 - 11830 kHz)

2200-2245 120 VAT  
 9885 1325-1425 100 RNW  
 13820 1025-1124 100 RNW  
 17570 2325-0025 100 RNW  
 CRR-8 (Komsomolsk-na-Amure)  
 9880 1200-1300 250 HBS  
 15560 0500-0600 Sun 250 VOM  
 CRR-8 (Irkutsk)  
 5905 2200-2300 250 VOA  
 5905 2300-2350 250 DWL  
 5925 2200-2400 500 DWL  
 5945 1500-1900 100 DWL  
 6225 1300-1350 500 DWL  
 7300 0900-0945 250 DWL  
 7400 1000-1400 500 DWL  
 7420 1115-1630 250 TWR  
 7460 1300-1400 250 HBS  
 9580 2300-2350 500 DWL  
 9760 0930-1030 500 RFI  
 9760 1030-1055 500 DWL  
 9825 (From March 3rd. 2002 - 15580 kHz)  
 0030-0200 250 TWR  
 12015 1100-1300 600 RFI  
 12065 0925-1125 250 RNW  
 17710 0230-0300 250 BBC  
 17710 0800-0830 250 BBC  
 21640 0600-1000 500 DWL  
 CRR-11 (Novosibirsk)  
 7315 1100-1400 200 MNO  
 7315 1700-1800 500 DWL

BBC = British Broadcasting Corporation  
 CHR = China Radio  
 CRI = China Radio International  
 DWL = Deutsche Welle  
 EZR = Radio Ezra  
 HBS = Herald Broadcasting Syndicate  
 IBC = International Broadcasting Corporation  
 IBR = IBRA Radio  
 MAR = Radio Maryja  
 MNO = Merlin Communications International Limited

(Nikolai Rudnev in RUS-DX #101-B via Anatoly Klepov via WWDXC-HQ, December 06, 2001)

Correction of above Foreign relay via shortwave transmitters of the Russia:

CRR-1 (Moscow)

To exclude:

9480 kHz 1200-1600 500 kW DWL

To add:

9940 kHz 1200-1600 500 kW DWL

CRR-3 (Samara)

To add:

9950 kHz 1330-1430 250 kW AFG

TCR-4 (Krasnodar)

To exclude:

7350 kHz 1900-2130 500 kW DWL

To add:

7355 kHz 1900-2130 500 kW DWL

CRR-11 (Novosibirsk)

To exclude:

7315 kHz 1100-1400 200 kW MNO

7390 1300-1500 200 VOA  
 7430 2200-2300 200 RFI  
 7430 1200-1300 500 RFI  
 7460 0000-0100 200 IBC  
 9470 2300-2345 500 DWL  
 12025 2300-0100 500 RFI  
 13810 1000-1400 500 DWL  
 TCR - 12 (Chita)  
 6205 1300-1345 500 VAT  
 Vladivostok. Radio Centre.  
 5915 1200-1300 250 HBS  
 7315 2200-2300 500 RFI  
 7330 1100-1530 500 BBC  
 12075 2300-2400 500 RFI  
 12110 0900-0930 Sun 100 EZR  
 15600 0000-0100 200 DWL  
 Petropavlovsk-Kamchatskiy. Radio Centre.  
 5895 (From March 3rd. 2002 - 9450 kHz)  
 1200-1330 200 CHR  
 5905 1000-1400 250 DWL  
 6205 1030-1055 200 DWL  
 7260 0925-1125 250 RNW  
 7315 0800-1100 250 MNO  
 7375 1325-1425 250 RNW  
 9865 1130-1230 250 RVI  
 11695 0000-0100 250 DWL  
 12065 2130-2200 250 VOA  
 15250 2200-2400 250 DWL  
 21790 2300-2345 250 DWL

NER = Netsanet Le-Ethiopia Radio  
 RCI = Radio Canada International  
 RFI = Radio France Internationale  
 RNW = Radio Nederland Wereldomroep  
 RVI = Radio Vlaanderen Internationaal  
 TWR = Trans World Radio  
 VAT = Radio Vaticana  
 VOA = Voice of America  
 VOM = Voice of Mediterranean  
 VOV = Voice of Vietnam  
 WUN = World University Network







21630 1600 1700 smtwfbs Ascension 250 85 NHK JAPANESE AF  
 21630 1700 1800 smtwfbs Ascension 250 85 NHK ENGLISH AF

21630 1830 1900 smtwfbs Ascension 250 85 RTE AF

(Merlin/BBC via ADDX Andreas Volk via WB, 2001 Oct 4)

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 Alokesh Gupta New Delhi - India.  
 BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.  
 BP Bob Padula - Australia.  
 EDXP-NET ELECTRONIC DX PRESS Messaging Network - Australia.  
 HJB Dr. Hansjoerg Biener, Amberg - Germany.  
 JKB Dr. Juergen Kubiak, Berlin - Germany.  
 OBSERVER Fortnightly edition of Radio Bulgaria's Frequency Management.  
 RUS-DX Information bulletin of Russian DX League - Russia.  
 WB Wolfgang W. Bueschel, Stuttgart - Germany.  
 WDXC-HQ WDXC Headquarter, Michael Bethge

## Abbreviations:

<i>Target:</i>	<i>Target Prefix:</i>
ITU country code or	N North
Af Africa	E East
Am America	S South
As Asia	W West
Eu Europe	C Central
ME Middle East	
FSU Former Soviet Union	

<i>Languages:</i>	<i>Other common abbreviations:</i>
Ar Arabic	bc broadcast
Ch Chinese	lsb Lower Side Band Mode
Du Dutch	nd non-directional
E English	px program
F French	sce(d),
G German	sked schedule
Gr Greek	ssb Single Sideband Mode
I Italian	tx(er) transmitter
J Japanese	usb Upper Side Band Mode
K Korean	mm/dd/yy Date (month/day/year)
P Portuguese	ddmmyy (daymonthyear)
R Russian	dd.mm.yy (day.month.year)
Sp Spanish	
Turk Turkish	

This is the last issue of our DX MAGAZINE in 2001, so it's time to thank all those having contributed to the news section. Special thanks to OM Wolfgang Bueschel and OM Alokesh Gupta, who sent in so much material. A Merry Christmas and a Happy New Year to all readers of the DX-Magazine.

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# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, Apt. #421, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada  
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### LONG & MEDIUM WAVE BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
153.0	1050	25332	RUS	Radio Rossii, Komsomolsk	Russian	Program	1711	HO
243.0	1050	45444	RUS	Radio Rossii, Razdolnoe	Russian	Program	1711	HO
549.0	0830	34333	RUS	Radio Mayak, Tavrichanka	Russian	Request Music	1811	HO
576.0	0830	34333	RUS	Radio Mayak, Khabarovsk	Russian	Program	1811	HO
612.0	0950	32332	RUS	VBC, Vladivostok	Russian	Music	0911	HO
621.0	0930	33333	RUS	Radio Khabarovskoe	Russian	Local Program	0611	HO
666.0	0810	34332	RUS	Radio Mayak, Komsomorsk	Russian	Music	1111	HO
720.0	0950	34333	RUS	Radio Mayak, Yuzhno-Sakhalinsk	Russian	Talk and Music	0911	HO
738.0	1000	34333	RUS	Evropa Plyus, Vladivostok	Russian	News	0911	HO
873.0	1000	33433	RUS	Radio Rossii, Komsomolsk	Russian	News	0911	HO
1008.0	0900	23332	RUS	Radio Yunost, Khabarovsk	Russian	News	1111	HO
1377.0	0830	34333	RUS	Radio Yunost, Vladivostok	Russian	Program	1811	HO
1476.0	0817	33333	RUS	Radio Studiya Okeay	Russian	Pop Music and ID	0412	KH
1575.0	0810	22332	RUS	Radio Yunost, Yuzhno-Sakhalinsk	Russian	Program	1111	HO

### TROPICAL BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2310.0	1210	35443	AUS	ABC,Alice Springs	English	C & W Program	1212	GI
3214.9	1240	34333	INS	RRI,Manado	Indonesian	American Pop Music	2411	GI
3264.7	1245	44333	INS	RRI,Gorontalo	Indonesian	Regional Pop Program	2411	GI
3300.0	0955	22231	GTM	Radio Cultural	Spanish	Female vocal music & Talk	2411	GI
3305.0	1254	34332	PNG	Radio Western	English	Rock Program	2411	GI
3315.0	1257	22442	PNG	Radio Manus	English	Talk by man	2411	GI
3324.8	1120	33333	GTM	Radio Maya	Spanish	Continous vocals & ID	1012	RAD
3325.0	1259	43332	INS	RRI,Palangkaraya	Indonesian	Ann. & ID	2411	GI
3344.9	1304	44444	INS	RRI,Ternate	Indonesia	Talk by woman	2411	GI
3355.4	1307	12331	INS	RRI,Jambi	Indonesian	Talk by woman	2311	GI
3365.0	1310	32332	IND	All India Radio	Hindi	Talks	2411	GI
3365.0	1310	22443	PNG	Radio Milne Bay	English	Traditional Music	2411	GI
3905.0	0828	33333	PNG	Radio New Ireland	Pidgin	Talk,Music & ID	0312	KH
3905.0	1959	44433	INS	RRI,Merauke	Indonesian	News & Dangdut Music	1612	JY
3960.2	1900	22222	INS	RRI,Palu	Indonesian	News and Pop Music	0112	JY
3976.0	2030	34433	INS	RRI,Pontianak	Indonesian	Talk and Music	2411	HY
4005.0	1930	33433	CVA	Radio Vatican	German	Programs	0611	WB
4190.0	2230	33233	CHN	Xizang PBS	Tibetan	Songs and comments	0912	ZL
4485.0	1900	25332	RUS	Radio Rossii,Ufa	Russian	News	0311	HO
4635.0	1650	35333	TJK	Tajik Radio	Tajik	Local Music	0611	HO
4725.0	1314	45434	BRM	Myanmar Radio & TV	Burmese	Talks by woman	2511	MB
4750.0	2150	22332	CHN	Hulun Buir PBS	Mongolian	ID & Program	0711	ZL
4760.0	2154	34332	LBR	Radio ELWA	English	Talk,Music & ID	2911	KH
4760.0	1651	32332	SWZ	TWR, Africa	Vernaculars	Religious Programs	1112	ZL

4770.1	1042	22222	EQA	Radio Centinela del Sur	Spanish	Talks & Music	0412	RAD
4770.0	1710	43443	NIG	Radio Nigeria,Kaduna	English	Program	1112	ZL
4775.0	1519	22222	IND	All India Radio,Guwahati	Hindi	Talks	0812	ZL
4789.1	1320	23222	INS	RRI,Fak Fak	Indonesian	Reading from Koran	2411	GI
4795.0	1050	24332	RUS	Radio Buryatskoe	Russian	Program	1711	HO
4800.0	1803	34333	LSO	Radio Lesotho	English	ID,News	1112	ZL
4825.0	2100	34332	RUS	Radio Rossii, Yakutsk	Russian	National Anthem	1711	HO
4835.0	2146	34333	MLI	RDTV Malienne	Vernacular	Talks by man	2911	KH
4844.9	1110	22122	GTM	Radio Kekchi	Spanish	Religious vocals & ID	1012	RAD
4845.0	2205	23332	MTN	RDTV Marauteinne	Arabic	Talk & Local Music	2911	KH
4845.8	0150	43333	B	Radio Cultura Ondas Tropicais	Portugese	ID after National Anthem	1611	DC
4883.0	1234	23332	CHN	China National Radio, Huhhot	Mongolian	Chinese language lessons	2511	MB
4835.0	0658	34343	MLI	RDTV Malienne	French	Program and News	1112	DC
4845.8	0150	22222	B	R.Cultura Ondas Tropicais	Portugese	National Anthem, Sign Off	1611	DC
4850.0	1530	22222	IND	All India Radio	Hindi	News	0812	ZL
4895.0	1204	32332	MLA	Radio Malaysia	English	Vocals	0412	RAD
4905.0	1241	45534	CHN	Radio Xizang, Lhasa	Tibetan	Music and Announcements	2511	MB
4920.0	1224	21222	IND	All India Radio, Chennai	Tamil	Talk & English News	0412	RAD
4925.0	2100	32332	INS	RRI, Jambi	Indonesian	ID, Religious Px.	0812	ZL
4930.0	1835	25332	TKM	Turkmen Radio	Turkmen	Local Music	0711	HO
4949.0	1100	34333	RUS	Radio Mix Master, Yakutsk	Russian	ID & Program	1711	HO
4940.1	2358	23432	PRU	Radio San Antonio, Villa Atalaya	Spanish	Huaynos,Commentary & ID	0812	ALS
4980.0	2305	33333	VEN	Radio Ecos del Torbes	Spanish	Talks	1412	ZL
5009.8	0200	43443	DOM	Radio Cristal International	Spanish	ID, Music & Sign Off	0312	RAD
5010.0	1855	25232	MDG	RTV Malagasy	Malagasy	Talks, Anthem and IS	1012	KH
5010.0	2235	32333	HND	Radio Misiones Internacional	Spanish	Latin Vocals & ID	0112	RAD
5020.0	1300	33333	SLM	Solomon Is.Broadcasting Co.	English	BBC World Service Relay	2511	MB
5020.0	2056	23332	NGR	Radio TV Niger	French	Telephone Talk Back	0911	HY
5030.0	1906	44444	BFA	RDTV Burkina Faso	French	Program & ID	1112	DC
5040.0	1650	33332	UZB	Radio Tashkent		Local Music	0611	Ho
5040.1	1045	32333	EQA	La Voz del Upano	Spanish	Latin Vocals	0412	RAD
5060.0	1215	22222	UZB	Radio Tashkent	English	Talks	0412	RAD
5070.0	2234	44434	USA	WWCR	English	Talks	1412	ZL

## SHORTWAVE BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5290.0	1100	25332	RUS	Radio Rossii,Krasnoyarsk	Russian	News	1711	HO
5596.6	1150	24332	VTN	Lao Cai BC	Vietnamese	Songs and Talks	1212	GI
5700.0	0020	14441	PRU	Radio San Ignacio, San Ignacio	Spanish	Andean Music & ID	0912	ALS
5745.0	0900	24222	USA	WHRI	English	Talks and Music	1412	ZL
5920.0	2000	34333	RUS	Radio Gardarika	Russian	Pop Music	1711	HO
5952.4	0953	34422	BOL	Radio Pio XII,Siglo XX	Spanish	Announcements & Jingles	0612	ALS
5970.0	2030	55555	RUS	Voice of Vietnam via Russia	Vietnamese	Program	0111	WB
5985.9	1315	43333	BRM	Myanmar Radio & TV	Burmese	Folk Mx. & Announcements	2511	MB
5990.0	1603	22332	ETH	Radio Ethiopia	Amharic	Talks	1311	KH
6009.7	1548	34422	URG	Emisora Ciudadde Montevideo	Spanish	Ads & ID	1711	ALS
6040.0	0810	33333	B	Radio Clube Paranaense	Portugese	Talks	0312	KH
6045.5	2344	22432	PRU	Radio Santa Rosa, Lima	Spanish	Relg. Commentary & Music	0812	ALS
6060.0	0910	33332	RUS	Amurskoe R. Blagoveshchensk	Russian	Program	1611	HO
6085.1	0940	24422	BOL	Radio San Gabriel, La Paz	Ayamara	Ads & Andean Music	0612	ALS
6095.0	0640	32332	POL	Radio Racja via Warsaw	Belarussian	Talks	1011	WB
6100.0	0846	44444	ALB	Radio Tirana		Rock Music	2011	ZL
6110.3	1940	41321	IRN	Voice of IRIB,Kamalabad	English	News,US Ambassador	0611	WB
6125.1	1207	24432	URG	SODRE, Montevideo	Spanish	Tangos by Carlos Gardel	1711	ALS
6130.0	1156	21121	LAO	Laos National Radio	Laotian	Music & News	0412	RAD
6140.0	1846	34433	URG	Radio Monte Carlo, Montevideo	Spanish	Songs, ID and Ads.	1711	ALS
6155.0	0234	44433	URG	Banda Oriental, Sarandi del Yi	Spanish	Folk Dance Music	1612	ALS
6174.0	2338	24422	PRU	Radio Tawantinsuyo, Cusco	Quechua	Commentary	0812	ALS
6180.0	1950	44433	G	Radio Korea Intl., via Skelton	German	Letterbox Program	0611	WB
6193.6	0010	24422	PRU	Radio Cusco,Cusco	Spanish	Ads., Andean Music	0912	ALS

6210.0	1501	33333	ETH	Radio Fana	Amharic	Talks	0712	KH
6265.0	2003	34323	ZMB	Zambia Nac.Broadcasting Corp.	Vernaculars	Talks,Folk Music	0812	ZL
6438.8	2326	34443	PRU	Radio Union ,Lima	Spanish	ID,Christmas Greetings	0812	ALS
6500.2	1215	21331	VTN	Cao Ban BC	Vietnamese	Program	1212	GI
6536.1	2346	24432	PRU	Radiodifusora Huancabamba	Spanish	ID & Music Program	0812	ALS
6673.9	2353	24432	PRU	Radio Andina, Huancabamba	Spanish	Andean Tropical Music	0812	ALS
7099.8	1638	34443	PAK	Radio Pakistan	Urdu	Talks & Local Music	1111	KH
7105.0	2059	23342	ROM	Radio Romania Intl.,	English	IS,ID,News and Talks	2411	HY
7105.0	2035	22322	UZB	Radio Tashkent	English	Program	0111	WB
7140.0	1110	22332	RUS	Radio Rossii, Yakutsk	Russian	Program	1711	HO
7170.0	1020	44433	SNG	Singapore BC	Tamil	Pop Music and ID	2411	GI
7170.0	1800	35333	RUS	Golos Rossii	Russian	IS, Ann & News	0511	HO
7200.0	1110	22332	RUS	Radio Rossii, Yakutsk	Russian	Program	1711	HO
7210.0	1959	22242	BLR	Radio Station Belarus		IS and Talk	1011	HY
7220.0	1840	35333	E	Voice of America	Russian	Program	0711	HO
7230.0	0620	44434	G	Radio Japan via Rampisham relay	English	News & Pop Songs	0811	ZL
7255.0	0645	34322	NIG	Voice of Nigeria	English	Talk and ID	0312	KH
7260.0	0750	35333	VUT	Radio Vanuatu	English	Local & Pop Music, ID	0612	KH
7265.0	0815	34333	D	SWR	German	Old pops and discussions	2011	ZL
7285.0	1845	34333	UZB	Radio Tashkent		Local Music	0711	HO
7295.0	1400	32322	MLA	Radio Malaysia	English	News and Music	0812	ZL
7325.0	0810	44444	RUS	Radio Rossii, Magadan	Russian	Program	1111	HO
7335.0	1850	35333	RUS	Voice of Russia, St. Petersburg	English	Program	0711	HO
7345.0	0910	34332	RUS	R.Respubliki Sakha	Yakut	IS & ID	0911	HO
7380.3	2327	43333	CLM	Idea Radio , Bogota	Spanish	Music & Id in English	1711	DC
7440.0	2025	44444	MLT	Voice of the Mediterranean	English	Talk about Islam	1811	IN
7485.0	1230	44444	PLW	High Adventure Voice of Hope	English	Focus on the Kingdom	1012	IN
7500.0	2050	34333	BUL	Radio Bulgaria	English	Folk Music	1711	HY
9430.0	2059	34343	CZE	Radio Prague	English	IS,ID, News & Commentary	1011	HY
9470.0	1800	24332	RUS	Golos Rossii	Russian	IS,ID,News	0511	HO
9485.0	1835	35333	SVK	Radio Slovakia Intl.,	Slovak	News	0711	HO
9510.0	2059	33443	NOR	Radio Norway Intl.,	Norwegian	IS,ID & News	1611	HY
9525.0	1827	42432	SEY	FEBA	French	ID and Program	0112	ZL
9525.0	2225	34333	CHN	CPBS 2	English	Lessons & ID	0711	ZL
9535.0	1820	34333	F	Radio China Intl.,	Russian	Development of Tibet	0711	HO
9535.0	2005	45333	THA	Radio Thailand,Udon Thani	German	News on AIDS Epidemic	0611	WB
9585.0	1740	45444	CVA	Vatican Radio	Ukranian	ID and Program	0311	HO
9590.0	2010	44444	UAE	NHK, Tokyo via Al Dhabbaya	Japanese	News ID	0611	WB
9620.9	1157	34433	URG	SODRE,Montevideo	Spanish	ID,Ads and Music	1711	ALS
9630.0	2231	33433	E	RNE	Spanish	Football Program	0711	ZL
9680.0	2332	33333	INS	RRI,Jakarta	Indonesian	Pop Songs	1412	ZL
9685.0	2332	33443	BIH	Radio Yugoslavia	Chinese	News,Talks,ID & IS	3011	HY
9698.0	2015	24222	EGY	Voice of Arabs, Abis	Arabic	Discussions	0611	WB
9705.0	1311	33433	MEX	Radio Mexico Intl.,	Spanish	Talk & ID	0512	KH
9710.0	0932	24433	LTU	Radio Vilinius	English	News, ID	2011	ZL
9715.0	1230	33333	UZB	Radio Tashkent	Farsi	Program	2011	ZL
9765.0	1820	34333	CHN	China Radio Intl.,	Russian	Program	0711	HO
9737.9	2320	32332	PRG	Radio Nacional de Paraguay	Spanish	Football Commentary	0111	WB
9779.6	2025	54444	YEM	YRTVC, Sanaa	Arabic	Music	0611	WB
9950.0	1421	44444	AFG	Radio Sedaye Afghanistan	Pashto	Folk Song	2211	ZL
9955.0	1210	34333	CHN	China Nat. Radio 1	Chinese	News	2011	ZL
9960.0	2020	34333	ARM	Voice of Armenia	German	News, ID	1211	IN
11580.0	1220	24332	MRA	KFBS,Saipan	Chinese	Songs and Talks	2211	ZL
11715.0	2219	33332	IND	All India Radio, panaji	English	Talk & Sitar Music	1711	RAD
11725.0	0830	33333	B	Radio Novas de Paz	Portugese	Music Program and ID	2311	IN
11760.0	1720	35333	G	HCJB via Skelton relay	Russian	Religious Program	0711	HO
11785.0	0702	23332	B	Radio Guaiba	Portugese	Talk, Music & ID	0711	KH
11815.0	0727	33333	B	Radio Brasil Central	Portugese	Music, ID	0711	KH
11820.0	2200	55555	ARS	Saudi Arabia BC	Arabic	ID	0711	ZL

11840.0	0300	34343	RUS	Radio Sakhalin	Russian	Talk,ID	1511	KH
11890.0	1805	35333	PHL	Radyo Pilipinas	Tagalog	News	0711	HO
11915.0	0754	34433	B	Radio Guacha	Portugese	Talk & ID	0512	KH
11925.0	0723	44433	B	Radio Bandeirantes	Portugese	Talks,ID	0612	KH
11940.0	1200	44333	CBG	Radio Nat. Voice of Cambodia	Kampuchean	ID, Pop Music Px.	1212	GI
11975.0	2300	55555	MLI	China Radio Intl., Bamako	Manadarin	News	0111	WB
11990.0	2025	34333	KWT	Radio Kuwait	English	Music Program	1111	IN
12005.0	1000	23332	RUS	Voice of Russia	Russian	News	2011	ZL
12110.0	1740	41321	RUS	Voice of Freedom	Russian	Program	1411	WB
13565.5	2252	25432	PRU	Ondas del Pacifico, Ayabaca	Spanish	Tropical Mx. (2nd Harmonic)	0812	ALS
13635.0	0658	35443	D	Swiss Radio Intl., via Juleich	Italian	Folk Songs	2511	HY
13640.0	0929	24322	OMA	Radio Oman	Arabic	Talks & Music	2011	ZL
13815.0	2225	22322	USA	Dr.Gene Scott via KIAJ Dallas	English	Jazz	0111	WB
15020.0	1014	33333	IND	All India Radio	English	News	2011	ZL
15050.0	1141	33333	TWN	CBS	Chinese	Talks and Song	2011	ZL
15095.0	1152	33333	PHL	FEBC,Manila	Bamar	Talks	1911	ZL
15097.5	1345	23322	PAK	Radio Pakistan,Islamabad	Urdu	Pak Songs	1411	WB
15120.0	0635	33443	NIG	Voice of Nigeria	English	Talk & ID	3011	KH
15125.0	2353	44444	INS	RRI, Jakarta	Indonesian	Sp. Px. On Hari Raya	1612	JY
15165.0	1203	44444	G	NHK via Al Dhabbayya relay	English	News	2111	ZL
15200.0	1200	23332	BUL	Radio Bulgaria	Bulgarian	Program	0711	ZL
15225.0	1205	34433	GUM	KSDA, Agat	Vietnamese	Talks and Spittitual songs	1911	ZL
15230.0	0900	33433	TJK	Radio Tadjik	Tadjik	News and Songs	2111	ZL
15240.0	2008	34423	MRC	VOA via Tangier relay	English	Regional News	0912	ZL
15260.0	1058	34433	GUM	KSDA, Agat	Chinese	Talks and music	0711	ZL
15344.8	2210	35333	ARG	RAE,Buenos Aires	Spanish	Commercial Report	0111	WB
15415.0	0747	33232	AUS	Radio Australia	English	Hilife type music, ID.	2111	ZL
15495.0	1155	44444	KWT	Radio Kuwait	Arabic	ID and Music	2011	ZL
15670.0	1700	25342	D	Voice of Dem. Eritrea	Tigrigna	ID and Talks	1211	KH
15715.0	1700	24332	D	Voice of Oromo Liberation	Amharic	ID and Talks	1111	KH
15775.0	1355	45333	G	Voice of Lord,High Adventure		Gospel Singer	1411	WB
15820.0	0559	35443	ARG	Radio Diez	Spanish	ID, News & Music	0711	KH
17510.0	0937	43443	IND	All India Radio	Hindi	Songs	2111	ZL
17555.0	1315	55555	G	NHK, via Rampisham relay	English	Program	1011	WB
17625.0	0729	24332	CHN	China Nat Radio – 2	Chinese	ID & Music	0711	ZL
17655.0	0730	44444	RUS	Voice of Russia	English	History of Education in Russia	0511	HO
17770.0	0840	35333	E	REE	Spanish	Talks	0511	HO
17885.0	1000	35333	KWT	Radio Pinoy via Radio Kuwait	Tagalog	Talk, ID	0612	KH
21597.6	1330	45444	UAE	UAE Radio , Dubai	English	News	1011	WB
21600.0	0956	34443	UAE	Radio Dubai	Arabic	Songs	2211	ZL
21705.0	0657	34333	SVK	Radio Slovakia Intl.,	English	IS,ID & News	1711	HY
25740.0	1115	35433	D	Deutsche Welle, Wertachtal	German	Talks and News	1012	IN

\*\*\*\*\*

### **Thanks a lot for your contributions:**

- ALS : Arnaldo L.Slaen, Argentina. Sony ICF 2010, RealisticDX-160 & GE Superradio with 15 metres long wire  
DC : Daniele Canonica, Switzerland. JRC 535D, 30 metres long wire and MLB  
GI : Gaku Iwata, Chiba, Japan. FRG 7700 / NRD 535D, AD30, 20 metres long wire  
HO : Hironao Oguma, Tokyo, Japan. AR 7030 with AN-1  
HY : Hiromitsu Yanagisawa, Saitama, Japan. Drake R8 with 10 metres long wire  
IN : Iwao Nagatani, Kobe, Japan. NRD 525, AD-370 with 20 metres long wire  
JY : Juichi Yamada, Japan. NRD-525, AR 7030 with SONY AN-1

- KH : Kouji Hashimoto, Yamanashi, Japan. NRD 525, FRG 7 & RD 9830 with 35 metres long wire
- MB : Michael Bethge, Northwest of South Australia. SONY ICF 2010 with built in Telescopic.
- RAD : Richard A. D'Angelo, Wyomissing, USA. Drake R-8B Lowe HF-150 Alpha Delta DX Sloper RF Systems Mini-Windom Datong FL3 JPS ANC-4
- WB : Wolfgang Bueschel, Stuttgart, Germany AR 7030, SONY ICF 2010, Kenwood R-1000, Drake SPR-4 with 12 metres long wire YAESU FRT 7700 Antenna Tuner.
- ZL : Zacharias Liangas, Thessalonki, Greece with Lowe HF-150, Sony ICF 7600D, Yupiteru MVT 7100

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Dear Friends,

Welcome to the December issue of Logbook which completes my first year as your Logbook editor.

This month marked the centenary of first radio transmission by Marconi from Signal Hill on the eastern coast of Canada to the British Isles a landmark event which eventually gave birth to our hobby.

With the increase in Solar activity there are a lot of loggings this month.

*Wishing you All a Merry Christmas and a Very Happy New Year.*

Till next issue it's 73's from your Editor,

*Ashok Kumar Bose*

☆☆

## QSL CORNER

Editor: Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N 2W7, CANADA

Country	Station	QSL	Time	ORG	Remarks	OM
Albania	Radio Tirana	C	27 d	6.115		MH
Argentina	RAE	C	118-146 d	15.345	v/s, Marcela G.R. Campos	MH
Ecuador	HCJB	C	32-115 d	15.155	v/s, John E. Beck	MH
Germany	AWR Relay	C	32 d	9.745		MH
Germany	Deutsche Welle	C	101 d	11.695	v/s, Horst Scholz	MH
Germany	R. Sentec	f/d cd	13 d	9.435	v/s, Johanna Limley	RD
Germany	Radio Vilnius Relay	C	36 d	11.690		MH

Indonesia	R. Swara Kalimasada Sakti	f/d cd	32 d	1062 Khz	v/s, H. Maman.	JY
Indonesia	RRI Manokwari	L	92 d	3.987.2	v/s, Eddy Kusbandi	JY
Iran	VOIRI	C	319-398 d	9.575		MH
Israel	Kol Israel	C	?	?		MH
Italy - Sicily	Armed Forces Network	L		4.995	v/s, Jennifer Gary.	RD
Italy	RAI Rome	C	556 d	?	w/schedule	MH
Japan	Radio Japan/NHK World	C	32 d	9.505	v/s, T.Ohiwa	MH
Korea, North	Radio Pyongyang	C	100 d	15.230		MH
Lithuania	R. Lithuania	f/d cd	46 d	9.875	"The Land of Amber" cd	RD
Pirate (Euro)	Alpha Lima Radio Int.	e-mail	24 hrs	15.070	v/s, "Alfred".	RD
Pirate (Euro)	Laser Hot Hits	cd	95 d	6.220		RD
Pirate (Euro)	Take It Easy Radio	f/page	70 d	6.955	v/s, desperado, Head DJ	RD
Romania	Radio Romania .	C	72-103 d	11.740		MH
Rwanda	Deutsche Welle	C	121 d	13.780	v/s, Horst Scholz	MH
Seychelles	FEBA Relay	C	21 d	9.465	v/s, Doreen Dugathe	MH
Spain	REE	C	53 d	15.160	f/d "Logo" card	MH
Sweden	Radio Sweden	Poster	8-9 d	9.495	v/s, C. Adlir	MH
Syria	Radio Damascus	C	253 d	12.085	"Tower/Globe/Logo" card.	MH
USA	Radio Taipei Relay	C	36 d	5.950		MH
USA	WSHB	C	101-102 d	15.280	v/s Cindy Biehm	MH

### **Thanks to our Reporters:**

MH = Mark Humenyk, Weston, Ontario - RX Magnavox D-2935

RD = Rich D'Angelo, Wyomissing, PA, USA - Drake R-88, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4 (Welcome)

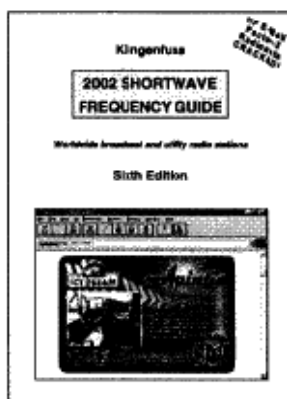
JY = Juichi Yamada, Japan - Jembatan DX

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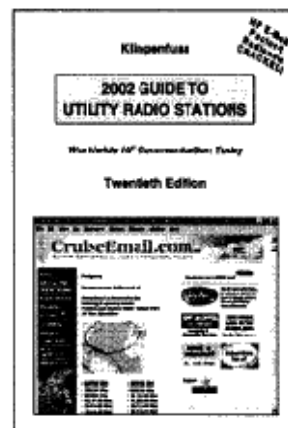


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