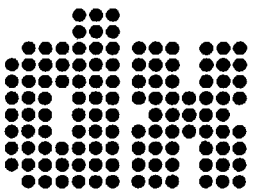


5 - 2003

BBC ORTF
ADIO MOSKOU
NDR RAI TVR

ISSN 0175-6877



magazine



WORLD WIDE DX CLUB



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Each of the editors mentioned above is self-responsible for the contents of his composed column. Furthermore, we cannot be responsible for the contents of advertisements published in DX MAGAZINE.

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, 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 2003

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DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.30 or 2 International Reply Coupons (IRC's); annual subscription rate: € 15.60 or 16 IRC's. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 5

· Vol. XXXVIII ·

May 2003

Hello again,

Welcome to another issue of our DX MAGAZINE. Since we have no news from inside the club this month, let's just start with our usual news from outside the club:

World Radiocommunication Conference 2003 will take place from 9 June to 4 July 2003 in Geneva, Switzerland. Radio frequencies and the geostationary satellite orbit are limited natural resources, which must be used rationally, efficiently and economically. The International Telecommunication Union (ITU) upholds the right of all countries to equitable access to satellite orbit space. International agreement on the way the various bands of the radio-frequency spectrum are used is essential to the smooth operation of a growing range of critical applications, from aircraft and maritime navigation to wireless telephony, satellite broadcasting and scientific research. WRC-2003 will update the regulatory framework, sharing scenarios and methodologies used to ensure a fair and efficient use of the radio-frequency spectrum. (ITU)

The **European NDB Handbook** and the **North American NDB Handbook** (2003 Edition) have been published recently by Michael Oexner. Now in its fifth year, the *ENDBH* 2003 will give you the most up to date NDB information available. Its over 140 spiral-bound pages in A4 format contain data of more than 4800 NDBs located throughout Europe, the Northern African countries, and the Near and Middle East. Many of the more frequently heard transatlantic NDBs have been included, as well as NDBs operating from offshore installations such as oil platforms. Moreover the handbook lists widely reported unidentified beacons and irregular call signs which result from so-called "negative keying". Many a NDB mystery may be solved with this kind of information on hand. The *NANDBH* 2003 with its 200+ pages is aimed at North American DXers and contains data of more than 5000 NDBs located throughout North, Central and South America, the Caribbean and the Pacific. Full information on both books (which are also available on CD-ROM) and ordering information are available from: Michael Oexner, Hainfelder Str. 1, D-76835 Roschbach, Germany, E-Mail: <michael.oexner@web.de>.

Historische Rundfunk-QSLs im Internet - Die traditionelle Zeit des Internationalen Kurzwellenrundfunks geht langsam zu Ende. Um an die erste große Zeit dieser Sender in den dreißiger Jahren des letzten Jahrhunderts zu erinnern, hat die QSL-Sammlung Saar - Webmaster Karl Hutte, DF4VQ - eine Auswahl von Rundfunk-QSL-Karten aus dieser Zeit (1931-1938) mit einem knappen jeweiligen Beitext ins Internet gestellt, darunter auch zwei Empfangsbestätigungen des Deutschen Kurzwellensenders Zeesen, dem Vorgänger der heutigen Deutschen Welle. Zu sehen unter <<http://www.darc-saar.de/>>.

(via Leo H. Jung, DH4IAB, Kirchenstr. 3A, D-66125 Saarbrücken, fon/fax 06897-77455 – E-mail: <leo-hjung@t-online.de> und <dh4iab@darc.de>)

And with this best wishes and good DX until next month from

NEWS ABOUT BROADCASTING (+other) STATIONS

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

ALASKA: *KNLS*, Anchor Point, Alaska - season schedule A03. Mailing address: Station KNLS, Anchor Point, AK 99556, USA. Fax: +615-371-8791 and email: <KNLS@aol.com> (for reception reports subject should be "reception report" without quotes). KNLS will provide only ONE QSL for each report, regardless the number of entries and doesn't NOT provide QSL's for other transmitter operators who may air World Christian Broadcasting programs. Only 200 special cards are awarded each season. Each card is individually numbered and features a full color photo of Alaska. To qualify, a report must include: The date and time (UTC only) of the transmission, the frequency and as many program details as you can supply. On the web you will find KNLS at the URL <<http://www.knls.org>>.

April 28, 2003 to July 27, 2003

UTC	kHz	Language
0800	11765	English
0900	11765	Russian
1000	11765	Mandarin
1100	9615	Russian
1200	11765	Mandarin
1300	11870	English
1400	11870	Mandarin
1500	11870	Mandarin
1600	11765	Mandarin
1700	12105	Russian

July 27, 2003 to August 31, 2003

UTC	kHz	Language
0800	11765	English
0900	11765	Russian
1000	11765	Mandarin
1100	9615	Russian
1200	11765	Mandarin
1300	11870	English
1400	11870	Mandarin
1500	9615	Mandarin
1600	9615	Mandarin
1700	9615	Russian

(KNLS Webpage Last-Modified 26.04.2003, via JKB)

AUSTRALIA: A03 schedule of *Radio Australia - RA* transmissions in English. Postal address: Radio Australia, GPO Box 428G, Melbourne, VIC 3001, Australia or ABC SOUTH BANK CENTRE, SOUTH BANK BOULEVARD, SOUTH BANK 3006, VICTORIA, AUSTRALIA. Fax: +61 3 9626 1939, email: <english@ra.abc.net.au>.

ASIA

Time (UT)	Freq (kHz)		
0000-0130	17775	0900-1300	11880
0030-0400	17750	1100-1300	9475
0000-0900	15415	1300-1700	11660*
0000-0900	21725	1400-1800	6080
0430-0500	17750	1430-1900	9475*
0530-0800	17750*	1900-2130	9500*
0800-1130	15240, 11880	2200-0000	15230
0830-0900	17750	2200-2330	15240
0930-1100	17750	2200-0000	13620
0900-1400	21820	2330-0000	11695, 15415

* Sometimes heard in Europe

PACIFIC, PAPUA NEW GUINEA, SOLOMON ISLANDS, MICRONESIA, GUAM and JAPAN

1700-2100	9815	0000-0800	15240
1800-2000	6080, 7240	0000-0900	21725
2100-2200	7240, 9660	0800-0900	5995, 9710
2100-0000	17715	0800-1100	9580
0000-0800	17580	1100-1400	6020, 5995
2300-0800	9660	1100-1700	11650

VANUATU, NEW CALEDONIA, FIJI, TONGA, SAMOA, NORTH AMERICA

2000-2200	12080	0200-0700	15515
2100-0000	17715	0700-0900	15240
2100-0000	21740	0800-1100	9580
2100-2200	7240	1100-2130	9580
2200-0200	17795	1100-1200	12080
2300-0900	12080	1100-1700	11650

1400-1800 5995
 1700-2200 11880
 1800-2000 7240

GRANDSTAND

Radio Australia's weekend sports program, Grandstand, is broadcast on English frequencies from 0210-0800 UT on Saturday and Sunday according to the schedule below:

Target region Frequency (kHz)

south east Asia 21725

south-west Pacific 12080, 17580

Papua New Guinea & west Pacific, Japan 9660, 17580, 21725

RA always appreciates your reception reports, however a personal reply may not be possible in all cases. Reports or requests for more information about Radio Australia should include your postal address and may be sent to: Radio Australia, Attn. Sue Cassar, GPO Box 428G, Melbourne VIC 3001, AUSTRALIA - or fax: + 61 3 9626 1939.

(RA website via JKB, May 2003)

Indonesian

0000-0030 17750(329)

0400-0430 17750(329)

0500-0530 17750(329)

0800-0830 17750(329) (Mo-Fr only)

0900-0930 17750(329) (Mo-Fr only)

2130-2330 11695(329) 15415(353)

Mandarin Chinese

1300-1500 9475(329)

Tok Pisin

0900-1100 5995b(010) 6020(030) 9710(353) 12080b(080)

Mo-Fr only 2000-2100 6080(005) 7240(030)

BBC Relay

2200-2300 9660b(010) 12080b(080)

"Offshore" transmissions

0000-0130 17775 English ("ex DAR")

0800-1130 15240 English ("ex LineY")

2200-2400 13620 English ("ex LineY")

WRN: 0000-0030, 0700-0800, 1100-1200, 1500-1530, 1900-1930 all English

ISDN3: 0000-0030 Indonesian, 0400-0430 Indonesian, 0500-0530 Khmer, 2300-2330 Khmer, 2330-2400 Vietnamese

"PAS 8" transmissions

RA1 24hrs English

RA2 English except: 0030-0100, 0400-0430, 0500-0530 Indonesian, 0530-0600 Vietnamese, 0800-0830 Mo-Fr Indonesian, 0900-0930 Mo-Fr Indonesian, 0900-1100 Tok Pisin, 1300-1500 Chinese, 2000-2100 Mo-Fr Tok Pisin, 2130-2330 Indonesian,

2330-2400 Vietnamese

(probably feeding Singapore/Tinian/Taiwan relays)

(Eike Bierwirth at HC-DX via WWDXC-HQ, 22 Apr 2003)

AUSTRIA: Schedule A03 of *Radio Austria International - ROI*, valid 30 March 2003 - 30 June 2003 [at this day ROI external program schedule at shortwave will end, see last issue of DXM. Ed.]. Postal address: Radio Austria International, A-1040 Vienna, Austria. Fax: +43-1-50101 or +43-1-16066. Web: <<http://www.roi.orf.at>>, E-mail: <roi.service@orf.at>.

6155 kHz to Eu, NAF: 0400-2230

0400 G, 0530 E, 0600 G, 0630 F, 0700 G, 1100 F, 1130 E, 1200 G, 1330 E, 1400 G, 1730 F, 1800 G, 1830 E, 1900 G, 1930 Sp, 2000 G, 2030 F, 2100 G, 2130 E, 2200 G.

Sat 2100-2130 Radio Africa International.

13730 kHz to Eu, NAF: 0400-1800

0400 G, 0530 E, 0600 G, 0630 F, 0700 G, 1100 F, 1130 E, 1200 G, 1330 E, 1400 G, 1730 F.

Sat 2100-2130 Radio Africa International.

5945 kHz to Eu, NAF: 1800-2230

1800 G, 1830 E, 1900 G, 1930 Sp, 2000 G, 2030 F, 2100 G, 2130 E, 2200 G.

9870 kHz to NEAm: 0100-0200

0100 G, 0130 E.

5945 kHz (Relay Sackville - CAN) to NWAm: 1500-1600

1500 G, 1530 E.

9870 kHz to SAm: 2300-0100

2300 E, 2330 Sp, 0000 G, 0030 Sp.

13730 kHz to SAm: 2300-2400

2300 E, 2330 Sp.

17870 kHz to ME: 0500-0600

0500 G, 0530 E.

21780 kHz to As/AUS: 1200-1300

1200 G, 1230 E.

MW 1476 kHz (Relay of SW transmissions) to Eu:

Mon-Fri 2030-2100 G (only Fri), 2130-2130 E, 2200-2215 G, 2300-2330 G, 2330-2400 Sp.

Sat 1800-1930 G, 1930-2000 F, 2000-2100 G, 2100-2130 E, 2300-2330 G, 2330-2400 Sp.

Son 1800-1805 G, 1805-1900 E, 1900-1930 G, 1930-2000 F, 2100-2130 E.

(direct via RL, Apr 2003)

BANGLADESH: High Frequency Broadcasting Schedule A03, **Bangladesh Betar** External Service effective from 03/31/03 to 10/28/03. Address: National Broadcasting Authority, Bangladesh Betar, 121. Kazi Nazrul Islam Avenue, Dhaka-1000, Bangladesh. Reports to: Senior Engineer (Research Wing), National Broadcasting Authority, Bangladesh Betar, 121 Kazi Nazrul Islam Avenue, Shahbag, Dhaka-1000, Bangladesh. Fax: +880-2-8612021, E-Mail: <rrc@aitlbd.net>.

1230-1300 G.O.S. (English) 7185 9550 South & South East Asia, 60 + 125 deg.

1315-1345 Nepalese 7185 9550 Nepal, 320 deg.

1400-1430 Urdu 7185 9550 Pakistan, 290 deg.

1515-1545 Hindi 7185 9550 India, 305 deg.

1600-1630 Arabic 7185 9550 Middle East, 290 + 275 deg.

1630-1730 Bengali 7185 9550 Middle East, 290 + 275 deg.

1745-1815 Voice of Islam (English) 7185 9550 15520 Europe, 320 deg.

1815-1900 G.O.S. (English) 7185 9550 15520 Europe, 320 deg.

1915-2000 Bengali 7185 9550 15520 Europe, 320 deg.

G O S =

General Overseas Service

(direct via Alokesh Gupta via WDXC-HQ; April 09, 2003)

CANADA: Radio Canada International - RCI A03 short wave broadcast schedule, effective 06.04.2003 to 26.10.2003, published by RCI-Engineering. Postal address: Radio Canada International, P.O. / C.P. 6000, Montreal H3C 3A8, Canada. E-Mail: <rci@montreal.radio-canada.ca>.

UTC	Tx/kHz	kW	AZ	TARGET	PROGRAMS
0000-0057	KIM 9640 XIA 15205	100 120	225 188	Southeast Asia / China "	MON: Tapestry TUES-SAT: World at Six / As It Happens SUN: Quirks & Quarks
0030-0059	RCI 9590 RCI 15170 RCI 15305	250 250 250	268 253 189	East & Central USA / Car. / Lat.Am. " "	Language: SPANISH MON: Contestacion a la correspondencia TUES-SAT: Canada en las Américas SUN: La semana canadiense
0100-0159	RCI 9755 RCI 15170 RCI 15305	100 250 250	268 253 189	USA / Caribbean / Lat.Am. " "	MON: The Mailbag / Spotlight TUES: Canada Today / Media Zone WED: Canada Today / The Mailbag THURS: Canada Today / Spotlight FRI: Canada Today / Business Sense SAT: Canada Today / Scitech File SUN: Business Sense / Scitech File
0200-0257	XIA 15510 XIA 17860	120 120	258 258	Indian sub-continent "	MON: The Mailbag / Spotlight TUES: Canada Today / Media Zone WED: Canada Today / The Mailbag THURS: Canada Today / Spotlight FRI: Canada Today / Business Sense SAT: Canada Today / Scitech File SUN: Business Sense / Scitech File
0230-0259	HBV 5840 VIE 11835	350 100	135 115	Middle East "	RCI Arabic
0330-0359	SKN 9645 VIE 11900 WER 13735	300 100 500	110 115 120	Middle East " "	RCI Arabic
1100-1159:30 (LUN-VEN)	RCI 5990 RCI 9515 RCI 15305	100 250 250	268 277 189	Southeast USA / Caribbean " "	C'est bien meilleur le matin
1100-1259:30 (SAM-DIM)	RCI 5990 RCI 9515 RCI 15305	100 250 250	268 277 189	Southeast USA / Caribbean " "	SAM: Samedi et rien d'autre DIM: Les affaires et la vie

1200-1259	YAM 9660 YAM 15190	100 300	270 235	Southeast Asia / China "	MON: Quirks & Quarks TUES-FRI: Sounds like Canada SAT: Richler on Radio SUN: Global Village
1200-1459:30 (MON-FRI)	RCI 9515 RCI 13655 RCI 17800	250 250 250	277 240 189	East & Central USA / Caribbean " "	MON-FRI: The Current (Hr 1) Sounds like Canada (Hr 2) MON-THU: Sounds like Canada / Out Front (Hr 3) FRI: Sounds like Canada / C'est la vie (Hr 3)
1300-1329	YAM 9660 KIM 9810 YAM 15190	100 250 300	270 270 235	China " "	RCI Chinese
1300-1559:30 (SAT&SUN)	RCI 9515 RCI 13655 RCI 17800	250 250 250	277 240 189	Eastern & Central USA / Caribbean " "	SAT: The House / Vinyl Café / Quirks & Quarks SUN: The Sunday Edition
1430-1459	KIM 6075 YAM 9680 YAM 11890	250 300 300	290 270 270	China " "	RCI Chinese
1500-1557	XIA 15455 XIA 17720	120 120	258 258	Indian sub-continent "	MON: Quirks & Quarks TUES-FRI: Sounds like Canada SAT: Richler on Radio SUN: Global Village
1500-1529	MSK 9920 WER 11935 RMP 15325 WOF 17820	250 300 500 300	84 75 61 70	Russia " " "	Language: RUSSIAN MON-FRI: Canada Today SAT: Canadian Diary & Cultural Review SUN: Sports Review & Listeners' Forum
1530-1559	SKN 11935 RMP 15325	300 500	90 80	Ukraine "	Language: Ukrainian MON-FRI: Canada and the World SAT-SUN: Canadian Mosaic
1600-1659:30	RCI 9515 RCI 13650 RCI 15305	250 250 250	240 240 189	Eastern & Central USA / Caribbean " "	L-V: La tribune du Québec SAM: Les affaires et la vie DIM: Les années-lumière
1600-1629	WER 11935 RMP 15325 WOF 17820	300 500 300	75 61 70	Russia " "	Language: RUSSIAN MON-FRI: Canada Today SAT: Canadian Diary & Cultural Review SUN: Sports Review & Listeners' Forum
1630-1659	SKN 11935 RMP 15325	300 500	90 61	Ukraine "	Language: Ukrainian MON-FRI: Canada and the World SAT-SUN: Canadian Mosaic
1900-1959	SKN 5995 SKN 7235 FLE 15245 RCI 15325 RCI 17570 RCI 17870	300 300 500 250 250	150 150 191 60 105 60	Europe / Afrique du nord et de l'ouest " " " " " "	LUN: Canada en direct / Zone médias MAR: Canada en direct / Le courrier mondial MER: Canada en direct / Fréquence culture JEU: Canada en direct / Le sens des affaires VEN: Canada en direct / Science-Tech SAM: Le sens des affaires / Science-Tech DIM: Le courrier mondial / Fréquence culture
1915-1944	HBY 13840 VIE 15200 RCI 17820	350 100 250	135 115 92	Middle East " "	RCI Arabic
2000-2059	HBY 5850 SKN 5995 SKN 11690 WER 11965 DHA 12015 ARM 12035 RCI 15325 RCI 17870	300 300 300 500 250 100 250 250	230 150 110 180 230 188 60 60	Europe / Africa / Middle East " " " " " " "	MON: Canada Today / Media Zone TUES: Canada Today / The Mailbag WED: Canada Today / Spotlight THURS: Canada Today / Business Sense FRI: Canada Today / Scitech File SAT: Business Sense / Scitech File SUN: The Mailbag / Spotlight
2100-2129:30	HBY 5850 SKN 7235 SKN 13690 RCI 15325 RCI 17870	300 350 300 250 250	230 110 180 60 60	Europe / N & W Africa / Mid-East " " " "	MON-FRI: World at Six SAT: Media Zone SUN: Scitech File
2115-2144	RMC 1233	MW		Moyen-Orient	RCI Arabic
2130-2159	HBY 5850 FLE 7235 FLE 13690 RCI 15325 RCI 17870 RCI 9590 RCI 11920 RCI 17880	350 500 500 250 250 250 250 250	230 191 191 60 60 240 240 189	Europe / N & W Africa " " " " Eastern USA / Car. / Lat.Am. " "	LUN-VEN: Sans frontières SAM: Zone médias DIM: Science-Tech
2200-2259	KIM 11810 YAM 17835 ASC 11755	300 300 250	305 235 65	China Southeast Asia Africa	LUN: Canada en direct / Zone médias MAR: Canada en direct / Le courrier mondial MER: Canada en direct / Fréquence culture JEU: Canada en direct / Le sens des affaires VEN: Canada en direct / Science-Tech SAM: Le sens des affaires / Science-Tech DIM: Le courrier mondial / Fréquence culture
2200-2229:30	RCI 9590 RCI 11920 RCI 13670 RCI 15170 RCI 15455 RCI 17880	250 100 250 250 250 250	240 240 227 163 253 189	Eastern USA / Car. / Lat.Am. " " " " "	MON-FRI: The World at Six SAT-SUN: The World This Weekend
2229:30-2359:30	RCI 9590 RCI 13670 RCI 15455	250 250 250	240 227 253	Eastern & Central USA " "	MON-FRI: As It Happens WED: Dispatches@2330 UTC SAT: Madly Off in All Directions / Quirks & Quarks SUN: The Inside Track / Global Village

2229:30-2259	RCI 11920 100 240	Caribbean / Latin America	Language: SPANISH
	RCI 15170 250 163	"	MON-FRI: Canada en las Américas
	RCI 17880 250 189	"	SAT: La semana canadiense
			SUN: Contestacion a la correspondencia
2300-2329	KIM 11810 300 305	China	RCI Chinese
	YAM 13660 100 270	"	
	YAM 17835 300 235	"	
	SNG 15360 100 13	"	
2300-2359	RCI 5960 250 240	Eastern USA / Caribbean	LUN: Canada en direct / Zone médias
	RCI 15170 250 189	"	MAR: Canada en direct / Le courrier mondial
	RCI 17880 250 176	"	MER: Canada en direct / Fréquence culture
			JEU: Canada en direct / Le sens des affaires
			VEN: Canada en direct / Science-Tech
			SAM: Le sens des affaires / Science-Tech
			DIM: Le courrier mondial / Fréquence culture

Transmitter Sites:

ARM: ARMAVIR RELAY, RUSSIA	MEY: MEYERTON RELAY, SOUTH AFRICA	SNG: SINGAPORE RELAY, SINGAPORE
ASC: ASCENSION ISLAND RELAY	MSK: MOSCOW RELAY, RUSSIA	VIE: VIENNA RELAY, AUSTRIA
DHA: DHABAYYA RELAY, UNITED ARAB EMIRATES	RCI: SACKVILLE, NB, CANADA	VOL: VOICE OF LEBANON
FLE: FLEVO RELAY, THE NETHERLANDS	RMC: RADIO MONTE CARLO	WOF: WOFFERTON, ENGLAND
HBY: HOERBY RELAY, SWEDEN	RMP: RAMPISHAM, ENGLAND	WER: WERTACHTAL RELAY, GERMANY
KIM: KIMJAE RELAY, KOREA	SKN: SKELTON RELAY, ENGLAND	XIA: XIAN RELAY, CHINA
	SIN: SINES, PORTUGAL	YAM: YAMATA RELAY, JAPAN

(RCI website's PDF schedule via JKB, May 2003)

CHINA (Peoples Rep.): New updated A03 schedule for *China Radio International - CRI* in Russian:

0000-0057	1521	7110	9725	9870					
0100-0157	1521								
0300-0357	15435	17710	17740						
1000-1057	1116	7110	9695	9725	11935	15110			
1100-1157	1116	1323	1521	7110	9725	9870	11935		
1200-1257	1116	1323	1521						
1300-1357	1323	1521	5915	5990	9675	9870			
1400-1457	1323	1521							
1500-1557	5915	5990	9765	9870	11650	11790			
1600-1657	1521	9765	9885	11780	11875	11960	13655		
1700-1757	1521	9765	9795	9885	11650	11685	11780	11875	11960
1800-1857	1521	9535*	9585	9765	9795	11630	11685	12010	>* via Issoudun-France
1900-1957	1521	9795	11630	11685	12010				
2000-2057	7255	9795	11975						
2300-2357	7110	9725	15110						

(Ivanov & Datzinov in OBSERVER #254 via WB; April 08, 2003)

DENMARK: Due to more changes in schedule of *Radio Denmark* since the start of A03, please note new schedule valid April 7 - October 25, 2003. The reason is that Norway has sold more transmitting hours. On Monday, for instance, a 4 hour broadcast started at 0400-0800 on 15675 from Kvitsoy to the Middle East. The possible closure of Radio Denmark by the end of this year will be decided finally around May 1. Stations: Kvitsoy (K) and Sveio (S) each have two 500 kW transmitters, but run at 250 kW. They are located on the Norwegian west coast near Stavanger and Haugesund at 05.27E 59.04N (K) and 05.19E 59.37N (S). Kvitsoy covers the Eastern Globe, while Sveio covers the Western Globe.

UTC	Target (primary coverage in brackets)	kHz	Tx	Beam				
1130-1155	Europe, Mediterranean, Canary Islands	13800	K	180	2130-2155	Australia (east)	9510	K 65
	North America (east), Caribbean	15705	S	300	2230-2255	South America	9925	S 235
	South America, Canary Islands	18950	S	235		Far East	11845	K 35
1230-1255	Far East	15705	K	40	2330-2355	South East Asia, Australia (west)	9415	K 80
	North America (east + central), Greenland	15735	S	300		North America (east), Caribbean	9945	S 300
	North America (east), Caribbean	18950	S	300		South America	9985	S 235
	South East Asia, Australia (west), Russia	15705	K	80		Far East	11845	K 35
1330-1355	Europe	9590	S	180	0030-0055	South East Asia, Australia (west)	9930	K 80
	South East Asia, Australia (west), Russia	15705	K	80		North America (east), Caribbean	9985	S 280
	North America (east + central), Greenland	15735	S	300		North America (east + central), Greenland	11635	S 300
1430-1455	North America (west), Greenland	15705	S	315	0130-0155	South Asia	9975	K 95
	Middle East (north), South Asia, Russia	15735	K	95		North America (east), Caribbean, South America (north west)	9985	S 280
1530-1555	North America (west), Greenland	15705	S	315		North America (east + central), Greenland	11635	S 300
	Middle East (north), South Asia, Russia	15735	K	95	0230-0255	South Asia	9975	K 95
1630-1655	Europe	9920	S	180	0330-0355	Russia, Europe (south east), Middle East (north)	7490	K 95
	North America (east), Caribbean	15705	S	280		North America (west), Greenland	9960	S 315
1730-1755	Europe	11615	S	180		Europe (south east), Middle East (west), Africa (east)	13800	K 145
	Europe (south east), Middle East (west), Africa (east) -NOT on Sundays	15705	K	145	0430-0455	Europe	7465	S 180
1830-1855	Europe	7490	S	180		North America (west), Greenland	9475	S 315
	New Zealand -ONLY Saturday/Sunday	13800	K	35		Europe (south east), Middle East (west), Africa (east)	13800	K 145
1930-1955	Europe, Canary Islands -ONLY Sat/Sun	7490	S	180	0530-0555	Europe	7465	S 180
	Africa (west, central & south), Europe (south)	13800	K	180		Europe (south east), Middle East (west)	11615	K 120
	North America (west), Greenland	17505	S	315	0630-0655	Europe	7180	S 180
2030-2055	Europe, Canary Islands	7490	S	180		Europe (south west), Canary Islands, Africa		
	Australia (east) -ONLY Saturday/Sunday	9510	K	65				

(west)	11615 S 220	Islands, South America	13800 S 250
Europe (south), Africa, New Zealand	13800 K 165	Middle East (east)	15735 K 110
0730-0755 Europe, Canary Islands	9590 S 180	0930-0955 Australia, Europe (south west), Canary Islands, South America	13800 S 250
Europe (south west), Africa (west), Canary Islands, New Zealand	11615 S 220	Far East, New Zealand	17500 K 40
0830-0855 Australia, Europe (south west), Canary		1030-1055 Europe, Mediterranean, Canary Islands	13800 S 180

(Erik Koie - DR Radio via WB; April 11, 2003)

DRM: DRM transmissions on shortwave - valid from May 9 to June 15, 2003:

UTC	Days	kHz	Beam	Target	kW	Programme	Site
0300-0400	daily	11955	285	W & C No. America	70	BBCWS	Sackville
0430-0530	Sat/Sun	15400	230	NZ + SE Australia	10	RNW English	Bonaire
0900-1500	daily	7320	105	W & C Europe	30	BBCWS	Rampisham
0930-1200#	daily	15440	40	W & C Europe	80	DW English	Sines
1000-1100	daily	6140	120	W & C Europe	40	DW English	Jülich
1100-1200	daily	6140	120	W & C Europe	40	DW German	Jülich
1200-1300	daily	6140	120	W & C Europe	40	DW English	Jülich
1305-1455	daily	5975	290/60*	W Europe	40	T-Systems Media	Jülich
1600-1700	daily	6140	ND	W & C Europe	40	DW English	Jülich
1700-1800	daily	6140	ND	W & C Europe	40	DW German	Jülich
1800-1900	daily	6140	ND	W & C Europe	40	DW English	Jülich
2300-2400	daily	9795	268	E No. America	70	BBCWS	Sackville
2330-0030	daily	15525	350	NE USA & NE Canada	10	RNW English	Bonaire

*) different beams in alternate weeks

#) except May 8th to 23rd, 2003

(<http://www.rnw.nl/realradio/html/drm_latest.html>, May 9th, 2003 via WDXC-HQ)

ECUADOR: Revised (23 April 2003) A03A broadcast schedule, 30 March 2003 - 26 October 2003, of *The Voice of the Andes - HCJB*. Address: Radio Station HCJB, Casilla 17-17-691, Quito, Ecuador. Fax: +593-2-2267263. Frequency Manager: Douglas Weber, E-Mail: <dweber@hcjb.org.ec>.

Language	Begin:	End:	Khz	KW	Degrees	Region	SMTWTFS	
ENGLISH	0000	0300	9745	100	351	N. Amer. (E)	1111111	
	0000	0600	21455	1	35/225	Eur./S. Pacific	1111111	
	0300	0600	9745	100	324	N Amer. (W)	1111111	
	0600	0800	9860	100	42	Europe	1111111	
	0600	0800	21455	1	35/225	Eur./S. Pacific	1111111	
	1100	1430	12005	75	43	Caribbean	1111111	
	1100	1430	15115	100	352/128	N/S America	1111111	
	1100	1430	21455	1	35/225	Eur./S. Pacific	1111111	
	2000	2200	15185	100	41	Europe	1111111	
	GERMAN (High)	0500	0530	9780	100	42	Europe	1111111
		0500	0530	21455	1	35/225	Eur./S. Pacific	1111111
		0930	1000	6010	100	155	S. America	1111111
		0930	1000	21455	1	35/225	Eur./S. Pacific	1111111
		2000	2030	15545	100	42	Europe	1111111
2000		2030	17795	100	38	Europe	1111111	
2000		2030	21455	1	35/225	Eur./S. Pacific	1111111	
2300		2400	11980	100	131	S. America	1111111	
GERMAN (Low)		0530	0600	9780	100	42	Europe	1111111
		0530	0600	21455	1	35/225	Eur./S. Pacific	1111111
	1000	1030	6010	100	155	S. America	1111111	
	1000	1030	21455	1	35/225	Eur./S. Pacific	1111111	
	2230	2300	11980	100	150/330	N/S America	1111111	
	2230	2300	17660	100	340	N. America	1111111	
HUARANI	1030	1100	6050	50	18/172	S. America	1111111	
KIKONGO	0500	0515	12005	100	100	W. Africa	0111110	
PORTUGUESE	0800	0930	9745	100	100	N. Brazil	1111111	
	0800	0930	21455	1	35/225	Eur./S. Pacific	1111111	
	1530	1800	15295	100	139	Brazil	1111111	
	2300	0230	11920	100	126	Brazil	1111111	
	0000	0230	12020	100	100	Brazil	1111111	

QUICHUA	0830	1000	6125	100	155	S. America	1111111
	0830	1030	690	50	000/180	Ecuador	1111111
	0830	1400	3220	8	90 (Vert.)	S. America	1111111
	0830	1400	6080	8	90 (Vert.)	S. America	1111111
	2100	0300	3220	8	90 (Vert.)	S. America	1111111
	2100	0300	6080	8	90 (Vert.)	S. America	1111111
	2130	0000	9745	100	155	S. America	1111111
RUSSIAN	0330	0430	11865	100	34	W. Russia	1111111
SPANISH	0100	0500	9525	100	325	Mexico	1111111
	0600	0630	9655	100	42	Europe	1111111
	1030	1100	21455	1	35/225	Eur./S. Pacific	1111111
	1030	0500	690	50	000/180	Ecuador	1111111
	1100	0500	6050	50	18/172	S. America	1111111
	1100	1300	11960	100	355	Cuba	1111111
	1100	1500	15140	100	150	S. America	1111111
	1300	1500	11960	100	323	Mexico	1111111
	1430	1530	21455	1	35/225	Eur./S. Pacific	1111111
	2030	2130	15545	100	50	Europe	1111111
	2100	2300	15140	100	150	S. America	1111111
	2030	2400	21455	1	35/225	Eur./S. Pacific	1111111
	2300	0100	15140	100	160/330	N/S America	1111111

Note: HCJB' shortwave broadcast schedule also includes these programs transmitted from the United Kingdom:

Russian & Central Asian Languages	1600	1700	11760	500	62	Central Asia	1111111
Arabic	2100	2230	12025	250	150	N. Africa	1111111

(HCJB website via JKB, May 2003)

HCJB has announced recently to severely limit its English language broadcasting from May 31. HCJB has also announced that the long-running "DX Partyline" programme will also end on May 31. (EDXP and other sources)

EGYPT: *Radio Cairo* has introduced a 10 min. English segment within the daily two-hour Arabic schedule to Australia 2000-2200. This is noted at 2130-2140 on 11750, with education and language learning features. (BP in EDXP via BC-DX #620, 2003 Apr 8)

GERMANY: *German Telecom* - *Relay* stations transmissions, schedule A03 period (03/30/2003 - 10/25/2003) version A03Web03 / 16.04.2003 (1=Sun ... 7=Sat):

frq	start	stop	ciraf	ant	azi	type	day	from	to	loc	pow	broad
9855	0000	0100	7,8,9	105	295	216	1234567	300303	261003	JUL	100	LRT
5975	0815	1305	28	406	60	106	1234567	300303	261003	JUL	40	DTK (DRM)#
5975	1305	1500	28	406	60/290	106	1234567	300303	261003	JUL	40	DTK (DRM)
9760	1100	1300	27,37	308	220	216	1234567	300303	261003	JUL	40	DTK (DRM)#
15715	0900	1400	18,28	308	20	216	1234567	300303	261003	JUL	40	DTK (DRM)#
9435	2330	0030	41,49	208	80	218	1234567	300303	261003	JUL	100	DVB
6045	0858	1000	27,28	401	ND	926	1	300303	261003	JUL	100	EVR
6015	1730	1759	27,28	401	ND	926	3456	300303	060403	JUL	100	EVR
6015	1730	1759	27,28	401	ND	926	23456	070403	261003	JUL	100	EVR
5985	0900	0959	27,28	104	115	206	1	300303	261003	JUL	100	CHW
15265	1600	1629	47,48	304	145	217	47	300303	261003	JUL	100	TIS
13855	1830	1959	46,47	304	175	217	1234567	300303	261003	JUL	100	RSA
15670	1700	1759	38,39,48	304	145	217	1346	300303	261003	JUL	100	SBO
15750	1830	1859	52,53	401	170	218	5	300303	261003	NAU	125	RRP
15715	0500	0600	38,39	106	115	217	1234567	300303	261003	JUL	100	IBR
15715	1400	1530	40,41	109	90	218	1234567	300303	261003	JUL	100	IBR
15715	1530	1630	39,40	107	115	217	1234567	300303	261003	JUL	100	IBR
9605	2000	2100	37,38	405	175	141	1234567	300303	261003	JUL	100	IBR
11610	1645	1715	39,40	222	90	216	1234567	300303	261003	WER	125	IBR
15770	1730	1745	47,48	212	135	217	1234567	300303	261003	WER	125	IBR
12140	1900	2000	46NE,SE,NW	308	200	217	1234567	300303	261003	JUL	100	IBR
15780	1730	1845	47,48,52	305	145	217	1234567	300303	261003	JUL	100	IBR

15265	1600	1629	37,38	305	175	217	1	300303	261003	JUL	100	UNL
9435	0100	0129	41	110	90	217	1	300303	261003	JUL	100	UNL
6015	1630	1659	27,28	401	ND	926	345	300303	261003	JUL	100	UNL
15750	1800	1829	46,47,48	302	160	216	1	300303	261003	JUL	100	UNL
15565	1900	1929	39,40	102	115	217	1	300303	261003	JUL	100	UNL
13810	1300	1400	38,39	106	115	217	1234567	300303	140403	JUL	100	TOM
13810	1300	1559	38,39	106	115	217	1234567	150403	261003	JUL	100	TOM
3965	1900	2100	27,28	403	ND	976	1234567	300303	140403	JUL	100	TOM
6110	1500	1756	27,28	401	ND	926	7	300303	300303	JUL	100	TOM
6110	1400	1659	27,28	401	ND	926	7	050403	261003	JUL	100	TOM
6110	1400	1559	27,28	401	ND	926	123456	310303	261003	JUL	100	TOM
9490	0257	0459	47,48,52,53	306	160	216	23456	300303	261003	JUL	100	RTB
9490	0427	0459	47,48,52,53	306	160	216	17	300303	261003	JUL	100	RTB
17580	0500	0712	47,48,52,53	303	160	216	23456	300303	261003	JUL	100	RTB
17580	0500	0959	47,48,52,53	303	160	216	7	300303	261003	JUL	100	RTB
17580	0500	0806	47,48,52,53	303	160	216	1	300303	261003	JUL	100	RTB
21565	0957	1206	47,48,52,53	301	160	216	23456	300303	261003	JUL	100	RTB
21565	1000	1117	47,48,52,53	301	160	216	7	300303	261003	JUL	100	RTB
21565	1057	1117	47,48,52,53	301	160	216	1	300303	261003	JUL	100	RTB
17570	1457	1716	47,48,52,53	301	160	216	123456	300303	261003	JUL	100	RTB
17570	1557	1716	47,48,52,53	301	160	216	7	300303	261003	JUL	100	RTB
5975	0700	0815	27,28	406	290	106	17	300303	261003	JUL	100	BVB
13810	1600	1729	38S,39S,47,48	105	130	216	3	300303	140403	JUL	100	BVB
13810	1630	1729	38S,39S,47,48	105	130	216	467	300303	140403	JUL	100	BVB
13810	1630	1729	38S,39S,47,48	105	130	216	34567	150403	261003	JUL	100	BVB
13810	1630	1659	38S,39S,47,48	105	130	216	125	300303	140403	JUL	100	BVB
13810	1630	1659	38S,39S,47,48	105	130	216	12	150403	261003	JUL	100	BVB
13725	1900	1915	46,47	305	175	217	2345	070403	261003	JUL	100	BVB
13725	1900	1930	46,47	305	175	217	6	110403	261003	JUL	100	BVB
13725	1900	2030	46,47	305	175	217	7	050403	261003	JUL	100	BVB
13725	2000	2030	46,47	305	175	217	1	050403	261003	JUL	100	BVB
13845	1800	1859	39,40	208	100	218	17	030503	261003	JUL	100	BVB
17810	0900	1000	38,39	308	150	217	6	300303	261003	WER	125	BVB
5970	1801	1900	28,29	224	60	106	17	300303	180403	WER	125	BVB
5970	1801	1900	06:57	224	60	106	7	190403	261003	WER	125	BVB
5970	1801	1930	28,29	224	60	106	1	190403	261003	WER	125	BVB
13710	1900	1930	39,40	111	120	217	5	300303	261003	WER	250	BVB
13710	1900	2000	39,40	111	120	217	67	300303	261003	WER	250	BVB
13840	0500	0530	39,40	120	120	217	23456	050503	261003	WER	125	BVB
11975	0030	0100	41	401	95	216	234567	300303	261003	NAU	250	BVB
15775	1430	1529	41,43,49	218	75	217	1234567	300303	261003	WER	250	GFA
15660	1530	1629	40,41	218	90	217	1234567	300303	261003	WER	250	GFA
11795	0030	0130	40,41	212	90	217	1234567	300303	261003	WER	250	GFA
11905	2300	0030	41,43,49	221	75	217	1234567	300303	261003	WER	250	GFA
5975	0700	0745	27,28	406	290	106	23456	300303	300403	JUL	100	VOH
5975	0700	0750	27,28	406	290	106	23456	010503	261003	JUL	100	VOH
15775	1330	1430	49,50	202	70	218	1234567	300303	261003	JUL	100	NHS
17655	1530	1615	40,41	109	90	218	23	300303	020503	JUL	100	VOH
17655	1530	1629	40,41	109	90	218	14567	300303	020503	JUL	100	VOH
17655	1530	1615	40,41	109	90	218	23456	030503	261003	JUL	100	VOH
13845	1800	1859	39,40	208	100	218	17	030503	261003	JUL	100	VOH
15680	1530	1759	38,39	101	115	217	1	300303	030503	JUL	100	VOH
15680	1515	1759	38,39	101	115	217	1	040503	261003	JUL	100	VOH
15680	1530	1729	38,39	101	115	217	23456	300303	110503	JUL	100	VOH
15680	1530	1745	38,39	101	115	217	23456	120503	261003	JUL	100	VOH
15680	1515	1729	38,39	101	115	217	7	300303	261003	JUL	100	VOH
5970	1800	1845	28,29	404	60	141	23456	300303	060903	JUL	100	VOH
6010	1800	1845	28,29	404	60	141	23456	100903	261003	JUL	100	VOH
13720	1700	1800	37,38	406	165	106	1234567	300303	261003	JUL	100	YFR
13855	2000	2100	39,40	103	115	217	1234567	300303	261003	JUL	100	YFR
13810	0400	0559	46,47,52,53	302	160	216	1234567	300303	261003	JUL	100	UMC
15435	0600	0800	37,46	304	190	217	1234567	300303	261003	JUL	100	UMC
13820	1700	1859	38,48,53	106	145	217	1234567	300303	261003	JUL	100	UMC

15715	1700	1859	46,47,52,53	306	160	216	1234567	300303	261003	JUL	100	UMC
9925	2300	0059	11-16	202	230	218	1234567	300303	261003	JUL	100	HRT
9925	0100	0400	11-16	202	230	218	1234567	010503	261003	JUL	100	HRT
9925	2300	0100	6-10	112	300	216	1234567	010503	261003	JUL	100	HRT
9925	0100	0259	6-10	112	300	216	1234567	300303	261003	JUL	100	HRT
9925	0300	0459	2-10	119	325	216	1234567	300303	261003	JUL	100	HRT
9925	0500	0700	2-10	119	325	216	1234567	010503	261003	JUL	100	HRT
9470	0400	0500	55,59,60	202	230	218	1234567	010503	261003	JUL	100	HRT
9470	0500	0659	55,59,60	202	230	218	1234567	300303	261003	JUL	100	HRT
13820	0600	0700	58,59,60	208	270	218	1234567	010503	261003	JUL	100	HRT
13820	0700	0859	58,59,60	208	270	218	1234567	300303	261003	JUL	100	HRT
13820	0900	1000	58,59,60	208	270	218	1234567	010503	261003	JUL	100	HRT

FMO (Frequency Managing Organizations)

6140	0600	1000	27,28	405	175	141	1234567	300303	261003	JUL	100	DWL	
6140	1000	1300	27,28	406	120	106	1234567	300303	261003	JUL	100	DWL	(DRM)
6140	1300	1600	27,28	405	175	141	1234567	300303	261003	JUL	100	DWL	
6140	1600	1900	27,28	402	ND	976	1234567	300303	261003	JUL	100	DWL	(DRM)
6045	1027	1225	18,27,28NW	401	ND	926	1234567	300303	261003	JUL	100	RNW	
	0500	0700	27,28	406	200	106	1234567	010603	310803	JUL	100	RNW	
11655	0600	0700	18	308	20	216	1234567	010603	310803	JUL	100	RNW	
5910	1757	1956	27,28	401	ND	926	7	300303	261003	JUL	100	VRT	
5985	0657	0726	27,28	119	265	216	1234567	300303	261003	JUL	100	VRT	
13685	0457	0656	27,28,37-39	103	115	217	1234567	300303	261003	JUL	100	VRT	
13710	1729	1856	27,28,37-39	111	120	217	1234567	300303	261003	JUL	100	VRT	
7125	0400	0500	28E	104	115	206	1234567	300303	261003	JUL	100	AWR	
15160	0600	0730	37,38W	308	200	216	1234567	300303	261003	JUL	100	AWR	
11880	0900	1000	28W	105	145	216	17	300303	261003	JUL	100	AWR	
15360	1630	1659	28E	106	115	217	1234567	300303	261003	JUL	100	AWR	
15235	1700	1759	28E	107	115	217	1234567	300303	261003	JUL	100	AWR	
15175	1900	2030	37,38W	406	200	106	1234567	300303	261003	JUL	100	AWR	
13650	0555	0800	37S,38W,46	307	200	216	1234567	300303	261003	JUL	100	SRI	
15445	0555	0800	37S,38	306	160	216	1234567	300303	261003	JUL	100	SRI	
13750	1625	1655	28,38E,39	402	120	218	1234567	300303	261003	NAU	125	SRI	
13750	1655	1815	28,38E,39	103	115	217	1234567	300303	261003	JUL	100	SRI	
15515	1625	1815	38,39	102	115	217	1234567	300303	261003	JUL	100	SRI	
13645	1825	2130	37S,38W,46	307	200	216	1234567	300303	261003	JUL	100	SRI	
11815	1825	2130	47,52,53,57	303	160	216	1234567	300303	261003	JUL	100	SRI	
21750	0555	0800	47,52,53,57	301	160	216	1234567	300303	261003	SOT		SRI	
21770	0825	1030	47,52,53,57	305	160	217	1234567	300303	261003	SOT		SRI	
1787	0162	1815	38,39,48	305	145	217	1234567	300303	261003	SOT		SRI	
13795	1825	2130	38,48,53	305	145	217	1234567	300303	261003	SOT		SRI	
9885	2155	2400	13-16	112	240	218	1234567	300303	261003	SOT		SRI	
9660	1600	1645	28	211	110	216	7	300303	261003	JUL	100	TWR	
6045	0645	0820	27	401	ND	926	1	300303	261003	JUL	100	TWR	
6045	0655	0820	27	401	ND	926	23456	300303	261003	JUL	100	TWR	
6045	0645	0750	27	401	ND	926	7	300303	261003	JUL	100	TWR	
7135	1600	1645	28	108	105	216	7	300303	261003	WER	125	TWR	
9490	1230	1245	28	104	130	206	1234567	300303	261003	JUL	100	TWR	
17670	0600	0800	39,40	207	100	218	1234567	300303	261003	JUL	100	VOR	
17705	1400	1500	39,40	107	115	217	1234567	300303	261003	JUL	100	VOR	
9405	1900	2100	39,40	208	100	218	1234567	300303	261003	JUL	100	VOR	
5985	1900	2100	39,40	105	115	216	1234567	300303	261003	JUL	100	VOR	
6170	2000	2100	39,40	111	105	216	1234567	300303	190403	JUL	100	VOR	
7260	2000	2100	39,40	111	105	216	1234567	200403	261003	JUL	100	VOR	
6170	2200	2300	39,40	105	100	216	1234567	300303	190403	JUL	100	VOR	
7120	2200	2300	39,40	105	100	216	1234567	200403	261003	JUL	100	VOR	
9870	1600	1630	28	104	100	206	1234567	300303	261003	JUL	100	IBB	
9870	1630	1659	28	104	100	206	23456	300303	261003	JUL	100	IBB	
9705	1800	1900	39	211	110	216	1234567	300303	130403	JUL	100	IBB	
9740	1800	1900	39	211	110	216	1234567	140403	261003	JUL	100	IBB	
9865	1700	1759	39	110	100	217	1234567	300303	261003	JUL	100	IBB	
11910	0300	0400	39	111	105	216	1234567	300303	261003	JUL	100	IBB	
12030	0100	0300	39	211	110	216	1234567	300303	261003	JUL	100	IBB	

11930 0400 0600 39	211	110 216 1234567 300303 261003 JUL 100 IBB
11680 1400 1500 29SE	208	100 218 1234567 300303 261003 JUL 100 IBB
9565 1500 1659 29	406	70 106 1234567 300303 261003 JUL 100 IBB
12140 2230 0030 40NW,40SO	218	90 217 1234567 300303 130403 WER 500 IBB
5945 2230 0030 40NW,40SO	108	90 216 1234567 140403 261003 WER 500 IBB
12140 0230 0430 40NW,40SO	221	90 218 1234567 300303 261003 WER 500 IBB
15690 0630 1030 40	111	90 217 1234567 300303 261003 WER 500 IBB
15690 1230 1430 40	105	90 217 1234567 300303 261003 WER 500 IBB
15690 1630 1830 40	218	90 217 1234567 300303 261003 WER 500 IBB

* changes

+ active on demand

momentary not active

AWR Adventist World Radio

BVB Bible Voice Broadcasting

CHW Christliche Wissenschaft

DTK Deutsche Telekom

DVB Democratic Voice of Burma

DWL Deutsche Welle

DLF Deutschlandfunk

DLR DeutschlandRadio

EVR Evangeliums Radio Hamburg

GFA Gospel For Asia

GRA Grapeca

HRT Hrvraska Radio Televizija

IBB International Broadcast Bureau

IBR IBRA Radio Sweden

LRT Radio Vilnius Lithuania

RNW Radio Netherlands World Service

RRP Radio Reveil Paroles de Vie

RSA Radio Salama

RTB Radio Television Belge de la communaute Francaise

SBO Sagalee Bilisummaa Oromoo

SRI Swiss Radio International

TBC Tamil Broadcasting Corporation

TIS Tigrean International Solidarity for Justice and Democracy

TOM The Overcomer Broadcast

TWR Trans World Radio

UMC The United Methodist Church

UNL Universelles Leben

VOH High Adventure Ministries - The Voice of Hope (ex HAM)

VOR Voice of Russia

VRT Vlaamse Radio en Televisie (ex RVI)

YFR WYFR Family Radio

(Weyl - DTK, via WDXC-HQ & Volker Knuetel; 19.4.2003)

GREECE: The *Voice of Greece* - **ERA5** A-03 schedule of Greece Interprogramm Orientations:

1300-1400 Arabic/German 15650 plus MW 666, 792

1400-1500 Russian/Spanish 12110* plus MW 666, 792

1500-1600 Romanian/Turkish 12110* plus MW 666, 792

1600-1700 Serbian/Bulgarian 12110* plus MW 666, 792

1700-1730 Albanian 12110* plus MW 666

1730-1800 French 12110* plus MW 666, 792

1800-1900 Polish/English 12110* plus MW 666, 792

* 12105 on April 7 ["on"? If it's really "on", then it means this date only, but I don't believe it. By the way, this looks not like the complete schedule - Ed.]

A-03 schedule for **ERT S.A. MACEDONIA STATION** in Greek:

1100-1400 new 11645

1400-2300 on 9935 (Ivanov & Datzinov in OBSERVER #254 via WB; April 08, 2003)

ICELAND: According to the **RUV - Icelandic State Broadcasting Service** (the broadcasts are in Icelandic only, 20 kW), the A03 schedule of SW relays of RUV newscasts.

To Europe: 1215-1300 on 15775, 1755-1825 on 13865;

To North America: 1410-1440 & 1835-1905 on 15775, 2300-2335 on 13865.

The transmissions are provided by Iceland Telecom and are in AM-compatible A3A mode (USB-6dB). (RUV info via Bernd Trutenau via EDXP-Topica via WDXC-HQ; April 05, 2003)

IRAQ: With the military strategy the USA and Great Britain they carry on the propaganda to convince the Iraqis of their well meanings. For this on April 10th, 2003, the channel Television Nahwa Al-Hurrieh (Toward the Liberty) has been inaugurated.

'The nightmare whom Saddam Hussein has brought your nation will end soon' said the joined message of George W. Bush and Tony Blair. The television Nashwa AI-Hurrieh has been on purpose created by the two countries to give news and information of service of the coalition to the Iraqis. 'The system of government of Saddam Hussein is collapsing and the years of brutality, oppression and fear are near at the end', Blair has said. Bush and Blair have tried of to reassure then that they are not conquerors and that they will respect the customs and religions of the Iraqis and the Iraq will be governed by the

Iraqi. The allied command that is found in Qatar has said that he wanted to give the way that the Iraqis to have some own radio transmissions and independent Television and for this he is being taken contacts in the varied cities.

The TV Station Nahwa Al-Hurrieh (Toward the Liberty) has inaugurated on April 10th, 2003 at 14.00 UTC her transmissions with a Bush and Blair's message pre-recording. The Anglo-American television will transmit in Iraq five hours a day for five days the week from an airplane it uses C 130 in flying over the nation. The radio station will use to earth the frequencies of the Iraqi state television. Not everything however went well in the inaugural day. In all Baghdad missed electric energy, so nobody in the capital city has watched the first hour of transmission. Not even those having power generators, have seen that the Iraqi TV is out of operation by the bombings. The message has been taken back and transmitted by the Arab satellite television, but in a context of images that was not that hoped by the two leaders. Except rare exceptions, the same image of the seafaring that covers the face of the statue of Saddam with the USA flag has become a symbol of the occupation and not of the liberation.

(Local newspaper in Padua, Italy, via Dario Gabrielli, Italy <gabriellidario@yahoo.it> April 12, 2003)

ITALY: Complete original schedule A03 with targets [don't know why NASWA, see last issue of DXM, deleted targets from original source by Roberto Scaglione - Ed.] from **RAI International**. Postal address RADIO ROMA - RAI International - Casella Postale 320 - 00100 Roma. Schedule A03 (03/30/2003 - 10/26/2003)

NORTH - CENTRAL - SOUTH - AMERICA	1935 1955 6130 7240 Hungarian
1400 1425 17780 21520 Italian	2115 2135 5970 7255 Romanian
1830 1905 17780 21520 Italian	2135 2155 5970 7255 Czech
2240 0055 9675 11800 Italian	2155 2210 5970 7255 Slovak
0055 0115 9675 11800 English	2210 2225 5970 7255 Polish
0115 0130 9675 11800 French	0345 0405 7235 9670 11800 Russian
0130 0315 9675 11800 Italian	0600 0620 11800 Russian
0315 0335 9675 11800 Spanish	1605 1625 9845 11700 Russian
0130 0230 11765 Italian	2000 2020 6185 9670 11800 Russian
2240 0055 9840 12030 Italian	SPAIN - NORTH AFRICA
0055 0115 9840 12030 Spanish	0435 0500 6110 7235 9875 Italian/English
0115 0130 9840 12030 Portuguese	1330 1355 9670 11800 Arabic
0130 0230 6110 Italian	1500 1525 9670 11795 11925 Italian
0130 0315 9840 12030 Italian	1630 1655 9670 11700 French
0315 0335 9840 12030 Spanish	1700 1800 9670 11725 Italian
EUROPE	2025 2045 6130 7290 Arabic
1530 1555 9670 11855 French	2050 2110 6130 7290 Portuguese
1555 1625 9670 11855 Italian	2110 2130 6130 7290 Spanish
1805 1825 5990 9605 German	2135 2155 6130 7290 Arabic
1935 1955 5970 9745 English	CENTRAL - EAST AFRICA - NEAR EAST
2000 2020 6110 9745 Swedish	0435 0455 11900 Amharic
(Mon-Wed-Fri)	0455 0530 11900 Italian
2000 2020 6110 9745 Danish (Sun-Tue-Thu)	0530 0550 11900 Somali
2000 2020 6110 9745 Esperanto (Saturday)	0600 0620 11900 Arabic
0405 0425 7235 9670 11800 Ukrainian	1630 1655 9605 11665 Arabic
0505 0525 9670 11800 Lithuanian	1700 1800 9730 11795 Italian
0530 0550 9670 11800 Romanian	1910 1930 9795 11890 Somali
0630 1300 9670 11800 Italian	2025 2045 6185 9670 11880 English
1335 1355 7190 9690 Albanian	2050 2110 9670 11880 Portuguese
1400 1415 7190 9690 Slovene	1700 1800 15320 17800 Italian
1415 1435 7190 9690 German	2050 2110 15240 Portuguese
1435 1455 7190 9690 Croatian	ASIA - FAR EAST - JAPAN - OCEANIA
1500 1520 9690 11700 Turkish	2205 2230 11895 English
1520 1540 9690 11700 Greek	1000 1100 11920 Italian
1540 1600 9690 11700 Bulgarian	EUROPE - MEDITERRANEAN AREA
1810 1825 6130 7115 Czech	2200 0400 6060 Notturmo dall'Italia
1825 1840 6130 7115 Slovak	Italian
1840 1900 6130 7115 Polish	0400 2200 6060 Radiouno Italian
1910 1930 6130 7240 Serbian	

On Sunday, from 12.45 and 16.30, the programmes are replaced by news and commentaries

of sporting events in Italian language, 'Tutto il calcio minuto per minuto' and 'Domenica Sport':

1245 1630 9670 Italian		1245 1630 21535 Italian
1245 1630 21520 Italian		1245 1630 21710 Italian

MEDIUM WAVE

2200 0400 Notturmo dall'Italia 846 900 Europe Italian

1330 1355 567 Mediterranean area Arabic

Please send us reception reports at the following e-mail address: <railway.hfmonitoring@rai.it>, by mail at : RaiWay Monitoring Centre Via Mirabellino 1, 20052 Monza MI, Italy or by fax at ++39 02 3199 6219 or ++39 039 386 222.

(Roberto Scaglione - BCLNEWS via Hard-Core-DX Digest, Vol 3, Issue 46, 25 Mar 2003)

In 1987, a small group of idealistic and highly dedicated people with broadcasting experience of their own had the idea of starting a shortwave radio station to act as a link between independent cultural program makers and the European Audience. The short wave medium had been recognized for years as the most effective means of reaching the largest number of Europeans by radio and for the high quality of its audience. "The Italian Radio Relay Service" went on-the-air in November, 1988 and was an immediate success. The founders of NEXUS-IBA used their own funds to finance the necessary equipment, and initially used the facility in their spare time on Saturdays and Sundays to broadcast their own programming consisting of music, discussion programs, topical presentations, vintage radio shows, and plays. Soon afterwards, **IRRS-Shortwave** began airing the current affairs and cultural programs of leading international, intergovernmental agencies and special program services produced by other broadcasters. The much older NEXUS FM station in Milan is today the sole outlet of the BBC World Service and a major source of multilingual programs in Italy's most important industrial and commercial center. NEXUS-IBA is, however, strictly non-denominational and open to membership of all faiths. With its seat in Milan, NEXUS is a non-profit association founded under Italian Law. According to the Italian Broadcasting Act of 1990, The Association is designated as a "non-profit community broadcaster operating in the public interest". On shortwave, NEXUS-IBA operates one SIEMENS transmitter of extremely high quality and reliability. It is rated at 10 kW output and is fully automatic. Although capable of standard AM (double side-band) transmission, NEXUS-IBA has chosen to operate with the much more effective and efficient "A3A" modulation, i.e. Single Side-Band, reduced carrier mode, as recommended by the International Telecommunication Union. In this way, our signal has the same communication power as a conventional AM transmitter of 30 kW, while remaining completely compatible with non-SSB receivers. Careful frequency management and the use of digital audio processing techniques assure a signal strength and subsequent high station profile all over Europe and the Mediterranean area.

A03 schedule for **IRRS-Shortwave**, effective 30 March, 2003 - 26 October, 2003. IRRS-Shortwave transmitter is located at Milano, Italy 09° 11' East and 45° 27' North. Transmission Mode is A3A = USB -6 dB reduced carrier AM compatible in the target area, use USB or sync detector for DX reception outside target area. A3 = conventional Double Side Band (DSB) AM. Address: IRRS-Shortwave, PO BOX 10980, I-20110 Milano, Italy. Fax: +39-02-70638151 and email: info@nexus.org

kHz	UTC	Days	ITU Zones	Power/Mode	Language
13840	0530-0630	Mon-Fri	18-19, 27-29, 37-39	10 kW A3A/A3	English
13840	0800-1300	Sat & Sun	18-19, 27-30, 37-39	10 kW A3A/A3	English, German
5780*	1900-2030	Sat & Sun	18-19, 27-30, 37-39	10 kW A3A/A3	E, G, I

* = Alternative frequencies: 6290 kHz.

(IRRS website last-updated: 6 February, 2003 via JKB)

MALAYSIA: The *Voice of Malaysia - VoM*, is the overseas radio service of Radio Television Malaysia (RTM). It launched it's first broadcast on 15th February, 1963 in 3 different languages - English, Mandarin and Indonesian. By 31st August 1978 the Voice of Malaysia had expanded it's broadcast to include 5 other language services namely Thai Service on 1st January, 1972, Tagalog Service on 22nd October, 1973, and on 31st August, 1978 the Malay Language and Myanmar Services. On 17th April, 1995 The Voice of Islam was established, broadcasting in English and Malay Language. It aims at projecting the university of Islam and it's relevance to contemporary issues. It's broadcast is transmitted to Sumatra, Java, Kalimantan and Asian region. The main objective of Voice

of Malaysia is to project the true image of Malaysia overseas from the political, economic and social point of view so as to encourage foreign investment in Malaysia. It also projects the local arts and crafts, customs and cultures and festivals to promote tourism. It's target audience are overseas listeners and Malaysian students overseas. The category of programmes that are broadcast are News, News Commentary, Economy, Current Affairs, Drama, Entertainment, Sports and live coverage of public affairs programmes. Voice of Malaysia broadcast 28.5 hours of programmes a day transmitting to Indonesia, Australia, New Zealand, China, Japan, Hong Kong, Taiwan, Philippines, Thailand, Myanmar, North Africa and the Middle East. Postal address: Voice of Malaysia, Wisma Radio Angkasapuri, Po.Box 11272, 50740 Kuala Lumpur, Malaysia. Fax: +03-22847594. Web: <<http://www.rtm.net.my>> (JKB)

Voice of Malaysia A03:

0000-0200	Local	5980	6050				
0000-2400	Malay	5965					
0000-2400	English	7295					
0200-0400	Local	5980	6025	6050			
0300-0830	Eng/Malay	6175	9750				
0300-1230	Eng/Chin	9665	15295				
0400-0600	Local	5980	6025	6050	6060	7130	
0600-0800	Local	5980	6025	6050	6060		
0800-1500	Local	5980	6025	6050	6060	7270	
1000-1400	Indonesia	6175	9750				
1030-1230	Chinese	11885					
1300-1530	Thai/Bur	6100					
1500-1700	Local	6025					
1530-1900	Arabic	15295					
1700-1900	Malay	6175	9750				
2200-2400	Local	5980	6050				

(Alokesh Gupta via NASWA Listeners Notebook May 2003 via WWDXC-HQ)

ROMANIA: A03 schedule of *Radio Romania International - RRI*, homepage at the internet is <<http://www.rrr.ro>> and postal address is: Radio Romania International, PO Box 111, Bucharest.

ARABIC	0700-0756	15250	15340	15370	17720	17745	17790		
	1300-1356	15250	15365	15390	17745	17790	17815		
AROMANIAN	1800-1826	756	7140			2030-2056	756	7185	
BULGARIAN	0500-0526	756	5965			1630-1656	756	7105	
CHINESE	0630-0656	17735	21480			1430-1456	15340	17790	
ENGLISH	0200-0256	9510	11940	15105	17720				
	0400-0456	9510	11940			0700-0756	21480		
	1400-1456	15250	17805						
	1700-1756	9510	11820	11940	15380				
	2100-2156	7185	9510	9725	11775				
	2300-2356	9570	11740	11775	15105				
FRENCH	0500-0556	9635	11940						
	1100-1156	15250	15380	17745	17805				
	1500-1556	11970	15250	15260	17805				
	2000-2056	9510	11940	15255	17720				
GERMAN	1200-1256	11775	15150			1600-1656	9690	11940	15170
	1900-1956	9625	11940						
GREEK	1330-1356	756	9680			1730-1756	756	9535	
HUNGARIAN	0600-0626	5965	7225			1930-1956	5990	7125	
ITALIAN	1100-1126	15180				1400-1426	756	11820	
	2000-2026	756	9655						
PORTUGUESE	0100-0156	15340	17815			2200-2256	11885	15365	
ROMANIAN	0000-0156	5955	7225	11940	15255				
	0200-0256	5955	7225	9540	11675				
	0300-0356	5955	7225	11675	15230				
	0400-0526	7105	9625	9690	11790	15230	17735		
	0530-0556	756	7105	9625	9690	11790	15230	17735	

0600-0656	756	9625	9690	11830	11840	11940	
0700-1056	756	11830	15105				
0800-0856	15270	15370	17790	17805	17860	21530	Sunday only
0900-0956	15180	15250	17745	17790	17840	21490	Sunday only
1000-1056	15380	15390	17745	17790	17805	21480	Sunday only
1100-1256	756	11830	15105	15390	17790		
1300-1356	11830	15105					
1400-1426	11830	15105	15270	17720			
1430-1456	756	11830	15105	15270	17720		
1500-1556	756	11830	15105				
1600-1626	756	11830	11960	15105	15335		
1630-1756	11830	11960	15105	15335			
1800-1856	9690	9735	11830	11970			
1900-2026	756	7145	9690	9735	11970		
2030-2056	7145	9690	9735	11970			
2100-2156	7105	9530	9690	11970			
2200-2356	5990	7105	11940	15255			
RUSSIAN	1200-1256	11740	15270	17745	1500-1556	9590	11775
	1900-1956	7205	9680				
SERBIAN	1300-1326	756	9680		1830-1856	756	7135
SPANISH	0000-0056	9530	11730	15340	17815		
	0300-0356	9570	11725	11970	15245		
	1800-1856	15380	17745		2200-2256	11730	15380
TURKISH	1130-1156	11780			1700-1726	756	9530
UKRAINIAN	0530-0556	7195			1600-1626	7195	

(R BUL Observer, Ivo Ivanov and Angel Datzinov, via BC-DX; 2003 April 29)

RUSSIA: Radio Rossii 03/30/2003 - 10/25/2003 (A03) in Russian:

kHz	UTC	kW	Transmitter	9845**	1630-2100	250	Moscow
5935	0100-0500	100	Moscow	11655	0830-1500	100	Krasnodar
5940	1430-2100	100	Moscow	11735	1730-2100	250	Moscow
5965**	1530-2100	100	Krasnodar	11980	0100-0400	250	Moscow
7220	2100-1700	200	Ekaterinburg	12005	0930-1300	100	Samara
7305**	0100-0500	100	Samara	12020*	0100-0500	250	Moscow
7355	1730-2100	100	Samara	12025*	0100-0800	100	Krasnodar
7360	1330-1700	100	Samara	12025**	0430-0800	100	Krasnodar
7365*	0100-0500	100	Samara	12065	0530-0900	100	Samara
7365**	0100-0400	100	Krasnodar	12070**	0430-0700	250	Moscow
7370**	0100-0400	250	Moscow	13705*	0530-1800	250	Moscow
9490*	1530-2100	100	Krasnodar	13705**	0730-1600	250	Moscow
9655	1030-1500	100	Irkutsk	15225	0430-0700	250	Moscow
9720	0530-1400	100	Moscow	15475	2230-1000	100	Irkutsk
9805	1900-2200	100	Irkutsk	17660	0730-1700	250	Moscow
9845*	1830-2100	250	Moscow				

* till 09/06/2003

** Since 09/07/2003

(N. Rudnev in RUS-DX #118-A via A. Klepov via WDXC-HQ; May 01, 2003)

SOUTH AFRICA: Channel Africa Shortwave Transmissions A03, 30 March 2003 to 25 October 2003:

0300-0325	6160	East & Central Africa	Swahili	0530-0555	11710	Angola	Portuguese
0300-0330	6035	East & Central Africa	English	0600-0630	15215	West Africa	English
0330-0355	6035	Madagascar	French	0630-0655	15215	Angola & West Africa	Portuguese
0400-0430	5955	Southern Africa	English	1300-1455	21760	West Africa	English*
0430-0455	5955	Northern Mozambique	Portuguese	1300-1455	21620	East & Central Africa	English*
0430-0455	3345	Southern Mozambique	Portuguese	1300-1455	11780	Southern Africa	English*
0430-0455	9565	Central Africa	French	1500-1525	17780	East & Central Africa	Swahili
0500-0530	11710	West Africa	English	1500-1530	17770	East & Central Africa	English

1530-1555 17770 Madagascar French
 1600-1630 9525 Southern Africa English
 1600-1630 15245 East & Central Africa Swahili
 1630-1655 15245 East & Central Africa French
 1630-1655 9525 Northern Mozambique Portuguese
 1630-1655 3345 Southern Mozambique Portuguese

1700-1730 17735 West Africa English
 1730-1755 17735 Angola & West Africa Portuguese
 1800-1830 17735 West Africa English
 1830-1855 17735 West Africa French

*Saturdays and Sundays only

(Ch. Africa website via JKB, May 2003)

SRI LANKA: Here is the latest schedule of the External Services of Sri Lanka Broadcasting Corporation:

English 0030-0430 6005 11905 15745 (S. Asia)
 1230-1530 6005 11930 15745 ,,
 Hindi 0050-0400 7115 9770 (S. Asia)
 1330-1530 7115 9770 ,,
 Kannada 0800-0830 7115 9770 (S. Asia)
 Malayalam 1000-1130 7115 9770 (S. Asia)
 Sinhala/Tamil 1615-1900 11775 (Middle East)
 Tamil 1130-1330 7115 9770 (S. Asia)
 Telegu 0830-1000 7115 9770 (S. Asia)
 English 1900-2000 6010 Skelton 300 kW (Europe) (Sat only)
 (Jose Jacob - VU2JOS, cia dx_india 2003 Apr 5, via BC-DX #620)

SWEDEN: IBRA Radio is a Christian radio ministry supported by local Pentecostal churches in Scandinavia and ministering to 110 countries. IBRA Radio is part of the Dagen Group which, besides radio ministry, also publishes a Christian daily newspaper (Nya Dagen) and operates a television ministry (TV-Inter). Other divisions in the Dagen Group include Samspar (insurance) and Mösseberg (rehabilitation). IBRA's 1000 coworkers produce radio programs in 60 languages targeted at 110 different countries, IBRA broadcast 200 hours of programming daily. Mailing address: IBRA Radio, SE-141 99 STOCKHOLM, SWEDEN. E-mail: <ibra@ibra.se>, Web Site: <http://www.ibra.org>. IBRA also has offices in the following countries: Bangladesh, Burundi, Denmark, Cyprus, Estonia, Ethiopia, India, Kenya, Malta, Russia, Norway, Pakistan, Rwanda, Tanzania, Thailand, Turkey and Congo. (JKB)

IBRA Radio, schedule as found on their website SW/MW excerpted April 2003:

DR Congo: Su 0600-0630, Tu 1400-1430, Sa 1430-1500 LOCAL TIME Radio Goma: Swahili FM&SW

UTC	DAYS	LANGUAGE	KHZ	S.	T.	HOST STATION			
0015-0030	Sa,Su	Kannada	882	CLN	IND	TWR	1629-1658	Amharic	11885 MEY ETH FEBA
0045-0100	Mo,Tu	Hindko	9465	MOS	PAK	FEBA	1630-1645	Hazaragi	9415 ARM CAs
0100-0115	Fr,Sa	Punjabi	9465	MOS	PAK	FEBA	1645-1700	Tu-Th Turkmen	9415 ARM CAs
0115-0130	Su	Urdu	9465	MOS	PAK	FEBA	1645-1700	Fr-Mo Uzbek	9415 ARM CAs
0200-0215	Th-Su	Pashtu	11995	MOS	AFG	FEBA	1645-1715	Pashut	11610 WER AFG
0500-0600		Arabic	15715	JUL	ME		1718-1748	Tu,Su Yao	7265 MEY Eaf FEBA
1130-1145	Fr	Arabic	15530	ARM	ME		1728-1757	Tigrinya	11690 KIG Eaf FEBA
1130-1145		Mandarin	1566	KOR	CHN	HLAZ/FEBC	1730-1745	Somali	15770 WER Eaf
1200-1215	Mo	Arabic	15530	ARM	ME		1730-1830	Swahili	15780 JUL Eaf
1200-1330		Mandarin	9450	P.K	CHN		1830-1845	English	15780 JUL Eaf
1245-1300	We,Fr	Khmer	7480	PHL	CMG	FEBC	1900-1915	Mo,Tu Bambara	12140 JUL Waf
1300-1315	Su	Kangri	15605	ARM	IND	FEBA	1900-1915	We-Su Fulfude	12140 JUL Waf
1330-1345	Su	Telugo	882	CLN	IND	TWR	1900-1930	Turkish	1170 ARM ME
1345-1400	Su-We	Bengali	15605	ARM	BGD	FEBA	1900-2030	Arabic	9835 SAM ME
1345-1400	Sa	Oriya	882	CLN	IND	TWR	1915-1930	Su-Tu Hausa	12140 JUL Waf
1400-1430		English	15715	JUL	SAs		1915-1930	We,Th Zarma	12140 JUL Waf
1415-1430	Fr-Su	Hindi	15605	ARM	IND	FEBA	1915-1930	Fr,Sa Tamajeq	12140 JUL Waf
1430-1500		Farsi	15715	JUL	IRN		1930-1945	Su,Mo Moore	12140 JUL Waf
1500-1515		Mandarin	6120	PHL	CHN	FEBC	1930-2000	Tu-Th Songhai	12140 JUL Waf
1500-1530		Urdu	15715	JUL	PAK		1930-1945	Fr,Sa Malinke	12140 JUL Waf
1515-1530	Su	Kinyarwanda	6055	KIG	RWA	Radio Rwanda	1945-2000	Fr-Mo Joula	12140 JUL Waf
1530-1600		English	15715	JUL	ME		2000-2100	Arabic	9605 JUL Naf
1530-1600		Pashtu	9415	ARM	AFG		2000-2130	Arabic	1170 ARM ME [not \\ 9835?]
1545-1600	Th,Sa	Makonde	11885	MEY	Eaf	FEBA	2100-2115	We Arabic	1233 CYP ME TWR
1600-1615	Mo,We,Fr	Uighur	11580	FBS	CHN	KFBS	2115-2130	Mo Arabic	1467 RML Naf TWR
1600-1630		Dari	9415	ARM	AFG		2115-2130	Tu Arabic	12020 SKL Naf HCJB*
1600-1630		Farsi	15715	JUL	ME		2130-2200	Su Arabic	12020 SKL ME HCJB*
							2200-2215	Mo Arabic	12020 SKL Naf HCJB*

2200-2230 Tu,Fr Arabic 12020 SKL NAF HCJB*
 *) should be 12025 kHz
 T. = Target Area
 S. = Transmitter Site
 ARM Armavir (Krasnodar region), Russia
 CLN Trans World Radio, Sri Lanka
 CYP Capo Greco, Cyprus
 FBS KBFS, Saipan, Northern Mariana Islands
 JUL Juelich, Germany
 KIG Kigali, Rwanda

KOR HLAZ, South Korea
 MEY Meyerton, South Africa
 MOS Moosbrunn, Austria
 P.K Petropavlovsk-Kamchatskij, Russia
 PHL FEBC, Philippines
 RML Roumoules, France
 SAM Samara, Russia
 SKL Skelton, UK
 WER Wertachtal, Germany

(Eike Bierwirth at HCDX via WDXC-HQ, 29 Apr 2003)

SWITZERLAND: Schedule A03 of *Swiss Radio International - SRI*, until 31 Oct. 2003.
 Address: Swiss Radio International, Giacomettistrasse 1, CH-3000 Bern 15. Fax: +41-31-3509544, E-mail: technical@swissinfo.org, Web: <<http://www.swissinfo.org>>.

French/German/Italian/English (each 30 minutes) to NE & Af

0600-0800 13650 JUL 100 kW / 200 deg
 15445 JUL 100 kW / 160 deg
 21750 SOT 500 kW / 165 deg

English/Italian/German/French (each 30 minutes) to NE & Af

0830-1030 21770 SOT 500 kW / 165 deg

Italian/Arabic/English (each 30 minutes) / French (15 minutes) to NE & Af

1630-1815 13750 JUL 100 kW / 115 deg
 15515 JUL 100 kW / 115 deg
 17870 SOT 500 kW / 140 deg

Italian/Arabic/English/German/French (each 30 minutes) to NE & Af

1830-2130 11815 JUL 100 kW / 160 deg
 13645 JUL 500 kW / 200 deg
 13795 SOT 500 kW / 140 deg
 15220 MSY ??? kW / 115 deg

French/German/Italian/English (each 30 minutes) to SAm

2200-2400 9885 SOT 500 kW / 230 deg
 11905 MSY ??? kW / 175 deg

JUL = Juelich (Germany), MSY = Montsinery (French Guiana), SOT = Sottens (Switzerland)
 (direct via RL, Apr. 2003)

UKRAINE: Daily English language program of *Radio Ukraine International - RUI* valid until 26 Oct. 2003. Postal address: Radio Ukraine International, English Section, Kreshchatik 26, 01001 Kyiv, Ukraine. Fax: +380-44-228-7356. Web: <<http://www.nrcu.gov.ua>>, E-mail: <vsru@nrcu.gov.ua>.

2100-2200 5905 Eu
 0000-0100 12040 Eu, Am
 0300-0400 12040 Eu, Am
 1100-1200 15415 Eu

(direct via RL, 14 April 2003)

Shortwave broadcasting A03 schedule (30 March 2003 - 26 October 2003):

Frequency

kHz	Time UTC	Transmitter	
site	Target Area		
5905	21.00-24.00	Kharkiv	Western Europe
7410	04.00-07.00	Kharkiv	Western Europe
9620	00.00-04.00	Kharkiv	Russia (Tyumen)
9620	13.00-17.00	Kharkiv	Russia (Tyumen)
11550	17.00-21.00	Kharkiv	Western Europe
12040	23.00-04.00	Mykolaiv	North America
15415	07.00-13.00	Kharkiv	Western Europe

The power of all transmitters is 100 kW except on 12040 kHz where the power is 1000 kW.
 Transmission schedules in various languages:

GERMAN (one hour long): at 17.00 hrs on 11550 kHz; at 20.00 hrs on 11550 kHz; at 23.00 hrs on 5905 kHz.

ENGLISH (one hour long): at 21.00 hrs on 5905 kHz; at 00.00 hrs on 12040 kHz; at 03.00 hrs on 12040 kHz; at 11.00 hrs on 15415 kHz.

UKRAINIAN: Programmes are transmitted on all frequencies and at all times as shown above except on the frequencies and at the times reserved for German and English programmes.

ROMANIAN (1/2 hour long): at 17.00, 19.30 and 21.00 hrs on 657 kHz MW (Chernivtsi, 25 kW).
(RUI website via JKB, May 2003)

UNITED KINGDOM: The *Bible Voice Broadcasting Network - BVBN* can be reached by mail at: Post Office Box 220, Leeds, LS26 0WW, United Kingdom. Summer A-03, updated April 13:

ME	7430 ARM 100 kW / 195 deg	1700-1800 Mon	Amharic
		1800-1815 Mon	English
		1700-1745 Tue	Russian
		1745-1815 Tue	English
		1700-1815 Wed	English
		1700-1730 Thu	English
		1730-1800 Thu	Arabic
		1800-1815 Thu	English
		1700-1730 Fri	Arabic
		1730-1815 Fri	English
		1700-1900 Sat	English
		1700-2000 Sun	English
13710 WER 259 kW / 120 deg	1900-1930 Thu	Arabic	
	1900-1930 Fri	English	
	1900-2000 Sat	English	
15680 JUL 100 kW / 115 deg	1515-1530 Sat	English	
	1530-1730 Daily	English/Arabic/Persian	
	1730-1800 Sun	English	
17810 JUL 100 kW / 130 deg	0900-1000 Fri	Arabic	
EaAf	13810 JUL 100 kW / 115 deg	1630-1700 Sun/Mon/Thu	Amharic
		1630-1730 Tue/Wed/Fri/Sat	Amharic
CeAf	13725 JUL 100 kW / 175 deg	1900-1915 Mon-Fri	English
		1900-2030 Sat	English
EaEu	5970 JUL 100 kW / 060 deg	1800-1830 Mon-Fri	English
		1830-1845 Mon-Fri	Russian
	5970 WER 125 kW / 060 deg	1800-1845 Sat	Udmurth
		1845-1900 Sat	English
		1800-1830 Sun	English
		1830-1900 Sun	Russian
WeEu	5975 JUL 100 kW / 290 deg	0700-0745 Mon-Fri	English
		0700-0815 Sat/Sun	English
SoAs	7180 DHA 250 kW / 085 deg	0030-0100 Daily	Bengali
	9610 DHA 250 kW / 090 deg	0200-0230 Daily	Hindi
	11975 NAU 250 kW / 095 deg	0030-0100 Mon-Sat	Hindi
	17540 TAC 200 kW / 131 deg	0100-0200 Sat/Sun	English
	17655 JUL 100 kW / 090 deg	1530-1615 Mon/Tue	English/Urdu
		1530-1630 Wed-Sun	English/Urdu

(R BUL Observer, Ivo Ivanov and Angel Datzinov, via BC-DX #621, 2003 April 15)

USA: Final Summer A03 Version 1 (March 30, 2003 - October 26, 2003) of the U.S. *Federal*

Communications Commission - FCC. FCC authorized US Stations are:

KAIJ Dallas, TX
 KFBS Northern Mariana Islands, SA
 KHBN Medorn, Aimeliik, Palau
 (freq. advisor-US State Dep.), PL
 KIMF Pinon, NM
 KJES Vado, NM
 KNLS Anchor Point, AK
 KSDA Agat, GU
 KTBN Salt Lake City, UT
 KTWR Agana, GU
 KVOH Rancho Simi, CA
 KWHR Naalehu, HI
 WBCQ Monticello, ME
 WEWN Vandiver, AL

WGTG McCaysville, GA
 WHRA Greenbush, ME
 WHRI Noblesville, IN
 WINB Red Lion, PA
 WJCR Millerstown, KY
 WMLK Bethel, PA
 WRMI Miami, FL
 WRNO New Orleans, LA
 WSHB Furman, SC
 WTJC Newport, NC
 WWBS Macon, GA
 WWCR Nashville, TN
 WWFV McCaysville, GA
 WYFR Okeechobee, FL

Freq.	Start	Stop	Call	Pow	Azm	Target	Zones	Comments	
3210	0000	0900	WWCR	100	85	36-38,46-48,57		0109-2910	7415 2000 1000 WBCQ 50 245 10,11 0604-2610
3210	0000	0900	WWCR	100	46	4,9,27,28,37-39		0604-0106	7415 2100 1100 WBCQ 50 245 10,11 3003-0604
3210	0000	1000	WWCR	100	46	4,9,27,28,37-39		3003-0604	7425 0000 1200 WEWN 500 220 10,11
3210	0100	0900	WWCR	100	46	4,9,27,28,37-39		0106-0109	7455 1100 1615 KTWR 100 320 42-44
5050	2200	0500	WWRB	50	340	3,4,23,24,44		0604-2610	7465 2200 0400 WWCR 100 90 9,11,47,52,53 0109-2610
5050	2300	0600	WWRB	50	340	3,4,23,24,44		3003-0604	7465 2200 0400 WWCR 100 90 9,11,47,52,53 0604-0106
5070	0000	1200	WWCR	100	40	4,9,27-29		0106-0109	7465 2200 0500 WWCR 100 90 9,11,47,52,53 0106-0109
5070	2300	1200	WWCR	100	40	4,9,27-29		0109-2610	7490 0400 2200 WJIE 50 55 9
5070	2300	1200	WWCR	100	40	4,9,27-29		0604-0106	7490 2200 2400 WJIE 50 55 9,27
5070	2300	1300	WWCR	100	40	4,9,27-29		3003-0604	7505 0000 1600 KTBN 100 70 3-5,9 3003-0604
5085	2200	0500	WWRB	50	45	5,9,17-21		0604-2610	7505 0100 1500 KTBN 100 70 3-5,9 0604-2610
5085	2300	0600	WWRB	50	45	5,9,17-21		3003-0604	7520 0100 0200 WYFR 100 44 27,28,39
5745	2000	1000	WHRI	100	42	4,5,9,17,27		0109-2610	7520 0500 0800 WYFR 100 44 27,28,39
5755	0100	1200	KAIJ	100	320	2,3,34,35,45		0604-0106	7520 1000 1400 WEWN 500 285 10
5755	0100	1200	KAIJ	100	320	2,3,34,35,45		3003-0604	7520 1000 1400 WEWN 500 20 4,5,9,28
5755	0100	1300	KAIJ	100	320	2,3,34,35,45		0106-0109	7535 0000 0100 WSHB 250 173 11,12N
5825	0000	1000	WEWN	500	285	10			7535 0000 0100 WSHB 250 25 4,9,27-29
5825	0000	1000	WEWN	500	20	4,5,9,28			7535 0100 0300 WSHB 500 315 2-4
5835	1600	2245	KIMF	50	135	10,11			7535 0300 0400 WSHB 500 42 27-29,37
5835	2200	1800	KIMF	50	135	10,11			7555 0100 0200 KJES 50 335 2,3
5850	0200	0400	WSHB	500	315	2-4			7555 0200 0230 KJES 50 20 3,4
5850	0400	0500	WSHB	500	25	4,9,27-29			7560 0400 1300 WWCR 100 90 9,11,47,52,53 0106-0109
5850	1045	1245	WYFR	100	315	2			7560 0400 1300 WWCR 100 90 9,11,47,52,53 0109-2610
5920	0500	2300	WBOH	50	170	11,12		2403-3003	7560 0400 1300 WWCR 100 90 9,11,47,52,53 0604-0106
5935	0100	1200	WWCR	100	85	36-38,46-48,57		0109-2610	7560 0500 1400 WWCR 100 90 9,11,47,52,53 3003-0604
5935	0100	1300	WWCR	100	85	36-38,46-48,57		3003-0604	7580 2200 2300 WHRA 250 60 27,28,38-40
5935	0100	1200	WWCR	100	85	36-38,46-48,57		0604-0106	7580 2300 0500 WHRA 500 45 27-29,39,40
5935	0200	1200	WWCR	100	85	36-38,46-48,57		0106-0109	9320 0100 0500 WINB 50 242 10,11,27,28,39 0604-0105
5950	0300	0800	WYFR	100	285	10			9320 0100 0500 WINB 50 242 10,11,27,28,39 0109-2610
5950	0945	1300	WYFR	100	355	4,5,9			9320 0200 0600 WINB 50 242 10,11,39 3003-0604
5950	2145	0600	WYFR	100	355	4,5,9			9320 1000 1200 WINB 50 242 10,11,55,56,59-62 0604-0105
5985	0445	0700	WYFR	100	315	2			9320 1000 1200 WINB 50 242 10,11,55,56,59-62 0109-2610
5985	2145	0445	WYFR	50	181	11			9320 1100 1300 WINB 50 242 10,11,55,56,59-62 3003-0604
6015	1045	1245	WYFR	100	315	2			9320 1200 2200 WWRB 50 45 4,9,17-21 0604-2610
6065	2245	0445	WYFR	100	355	4,5,9			9320 1300 2300 WWRB 50 45 4,9,17-21 3003-0604
6085	0945	1400	WYFR	100	181	11			9330 1200 1600 WBCQ 50 245 10,11 0904-2610
6095	1000	1200	WSHB	250	173	11,12N			9330 1800 0500 WBCQ 50 245 10,11 0604-2610
6095	1000	1200	WSHB	250	25	4,9			9330 1900 0600 WBCQ 50 245 10,11 3003-0604
6095	1200	1300	WSHB	250	173	11,12N			9355 0300 0800 WYFR 100 44 27,28,39
6095	1200	1300	WSHB	250	25	4,9			9355 1100 1200 WYFR 100 160 15
6175	0900	1100	WYFR	100	160	15			9355 1200 1400 WEWN 500 220 10,11
6890	2200	0500	WWRB	50	90	27,28,37-39		0604-2610	9355 2200 2400 WEWN 500 220 10,11
6890	2300	0600	WWRB	50	90	27,28,37-39		3003-0604	9370 0000 2400 WTJC 50 40 4,9
7315	0000	1000	WHRI	100	157	10,11			9385 0600 0900 WEWN 500 40 27,28
7355	0300	0800	WYFR	100	44	27,28,39			9385 1700 1800 KSDA 100 300 38E,39
7355	1100	1400	WYFR	100	222	12			9430 0000 0200 WSHB 500 167 11W,12,14
7355	2300	0300	WRNO	50	20	3-5,9-11,27			9430 0200 0300 WSHB 500 245 10,11
7385	0000	0200	WRMI	50	317	2,3		MON-FRI	9430 1100 1200 KTWR 100 285 49
7385	0200	0900	WRMI	50	317	2,3			9430 1200 1300 WSHB 250 25 4,9
7385	2300	2400	WRMI	50	317	2,3		SUN-FRI	9430 1200 1300 WSHB 250 173 11,12N
7395	0300	1600	WRNO	50	20	3-5,9-11,27		3003-0604	9430 1300 1400 WSHB 500 315 2-4
7395	0300	1500	WRNO	50	20	3-5,9-11,27			9430 1400 1445 KTWR 100 278 49
7395	1500	2300	WRNO	50	20	3-5,9		0604-2610	9450 0300 0600 WSHB 500 25 4,9,27-29
7395	1600	2300	WRNO	50	20	3-5,9		3003-0604	9450 0600 0800 WSHB 500 72 46-48,52,53
7415	1400	1600	WBCQ	50	245	10,11		0604-2610	9455 0900 1000 WSHB 500 137 11W,12,13W,14
7415	1500	1700	WBCQ	50	245	10,11		3003-0604	9455 1000 1100 WSHB 500 152 11W,12,13W,14
									9455 1100 1200 WSHB 500 167 11W,12,14

12170 1200 2200 WWRB 50 90 27,28,37-39	0604-2610	15365 1300 1415 KTWR 100 285 49	
12170 1300 2300 WWRB 50 90 27,28,37-39	3003-0604	15370 0000 0200 KSDA 100 300 43,44	
13570 0800 0900 WYFR 100 87 46		15380 0800 1230 KFBS 100 242 49S,51W,54	
13570 1000 2400 WINB 50 242 10,11	0105-0109	15380 1230 1300 KFBS 100 260 49,54W	
13570 1200 2300 WINB 50 242 10,11	0604-0105	15380 1400 1430 KSDA 100 270 41S	
13570 1200 2300 WINB 50 242 10,11	0109-2610	15380 1430 1500 KSDA 100 285 49NW	
13570 1300 2300 WINB 50 242 10,11	3003-0604	15385 1800 1900 KJES 50 270 55,58,59	
13595 0000 2400 WJIE 50 270 41,44		15385 1900 2000 KJES 50 100 11	
13615 1600 2200 WEWN 500 285 10		15395 1330 1400 KTWR 100 293 41,49	
13615 1600 2200 WEWN 500 20 4,5,9,28		15420 1500 2300 WRNO 50 20 3-5,9-11,27	0604-2610
13615 2200 0800 WEWN 500 155 12-16		15420 1600 2300 WRNO 50 20 3-5,9-11,27	3003-0604
13695 0445 0800 WYFR 100 87 37,46		15435 1100 1200 KSDA 100 255 54W	
13695 1200 1500 WYFR 100 355 4,5,9		15440 2145 0300 WYFR 100 285 10	
13715 2200 2230 KTWR 100 285 49		15510 1000 1100 KSDA 100 300 43N,44N	
13720 0400 0500 WSHB 500 72 46-48,52,53		15575 1500 1600 KSDA 100 285 41S	
13760 1500 2400 WHRI 100 42 4,5,9,17,27		15585 2200 2315 KTWR 100 305 42-44	
13770 2200 2300 WSHB 500 57 27-29,37		15590 1500 0100 KTBN 100 70 3-5,9	0604-2610
13770 2300 2400 WSHB 500 72 46-48,52,53		15590 1600 2400 KTBN 100 70 3-5,9	3003-0604
13815 1200 0100 KAIJ 100 320 2,3,34,35,45	0604-0106	15600 1845 2300 WYFR 100 44 27,28	
13815 1200 0100 KAIJ 100 320 2,3,34,35,45	0109-2610	15615 1000 1500 KSDA 100 315 43N,44N	
13815 1200 0200 KAIJ 100 320 2,3,34,35,45	0106-0109	15665 1800 2200 WSHB 500 25 4,9,27-29	
13815 1300 0100 KAIJ 100 320 2,3,34,35,45	3003-0604	15695 1945 2245 WYFR 100 44 27,28,39	
13840 1100 1600 KHBN 50 270 41,49,50,54		15725 0700 1100 KHBN 50 270 41,49,50,54	
13845 1200 0100 WCCR 100 85 36-38,46-48,57	0109-2610	15725 1200 2300 WRMI 50 317 2,3	
13845 1200 0100 WCCR 100 85 36-38,46-48,57	0604-0106	15745 1200 1700 WEWN 500 155 12-15	
13845 1200 0200 WCCR 100 85 36-38,46-48,57	0106-0109	15745 1700 2200 WEWN 500 155 12-15	
13845 1300 0100 WCCR 100 85 36-38,46-48,57	3003-0604	15770 1600 1700 WYFR 100 44 27,28	
15105 1300 1700 WHRI 100 157 10,11		15770 2100 2245 WYFR 100 87 47,52,57	
15130 1145 1500 WYFR 50 285 10		15825 1000 2200 WCCR 100 85 36-38,46-48,57	0109-2610
15130 1945 2145 WYFR 100 355 4		15825 1000 2200 WCCR 100 46 4,9,27,28,37-39	0604-0106
15130 2145 0145 WYFR 100 142 13		15825 1000 2200 WCCR 100 46 4,9,27,28,37-39	0106-0109
15150 1200 1300 KSDA 100 300 43S,44S		15825 1100 2200 WCCR 100 46 4,9,27,28,37-39	3003-0604
15195 1500 1530 KSDA 100 300 41NW		17495 1200 2200 WBCQ 50 245 10,11	0604-2610
15195 1530 1600 KSDA 100 285 41		17495 1300 2300 WBCQ 50 245 10,11	3003-0604
15195 2100 2200 KSDA 100 300 43S,44S		17510 0000 0400 KWHR 100 300 43-45	
15195 2200 2230 KTWR 100 255 54		17510 2200 2400 KWHR 100 285 41,43,44,49	
15200 0900 0915 KTWR 100 248 54	THR-MON	17525 1700 1900 WYFR 100 87 46	
15200 0900 0915 KTWR 100 248 54	TUE-WED	17560 1300 1500 WHRA 250 60 27,28,39,40	
15200 0915 1000 KTWR 100 248 54		17595 1700 2000 WEWN 500 40 27-29	
15200 1030 1100 KTWR 100 248 54		17595 2000 2400 WEWN 500 85 46	
15200 1100 1230 KTWR 100 248 54		17635 0000 0200 KSDA 100 315 43N,44N	
15205 0725 0900 KTWR 100 263 49,50,54	SUN-THR	17650 1500 1600 WHRA 250 90 46-48,52,53,57	
15205 0730 0900 KTWR 100 263 49,50,54	FRI-SAT	17650 1600 2300 WHRA 500 90 46-48,52,53,57	
15215 1600 1700 KSDA 100 270 41S		17725 2000 0145 WYFR 100 140 13	
15215 2100 2400 KSDA 100 315 43N,44N		17750 1145 1700 WYFR 100 285 10	
15215 2300 0400 WYFR 100 160 16		17750 1700 2045 WYFR 100 44 27,28	
15235 1600 1700 KSDA 100 285 41		17750 2245 0300 WYFR 100 160 15	
15255 2300 0400 WYFR 100 151 15		17775 1500 0100 KVOH 50 100 10-12	
15265 1600 2200 WMLK 250 57 27,28,39		17780 0400 1000 KWHR 100 300 43-45	
15275 1300 1400 KSDA 100 285 41NE		17805 2245 0100 WYFR 100 142 15	
15285 0000 0200 WSHB 500 167 11W,12,14		17845 1900 2245 WYFR 100 87 37,46	
15285 2200 2300 WSHB 500 137 11W,12,13W,14		17845 2300 0300 WYFR 100 160 14	
15285 2300 2400 WSHB 500 167 11W,12,14		18910 1600 1800 WSHB 500 87 46-48,52,53	
15320 2200 2300 KSDA 100 255 54		18910 1800 2000 WSHB 500 102 52,53,57	
15320 2300 2400 KSDA 100 270 49E		18910 2000 2200 WSHB 500 87 46-48,52,53	
15330 0745 0930 KTWR 100 165 51,55,56,58-60	SUN-THR	18930 1545 2245 WYFR 100 44 27,28	
15330 0815 0930 KTWR 100 165 51,55,56,58-60	FRI-SAT	18980 1545 2145 WYFR 100 44 27,28	
15330 0930 1100 KTWR 100 255 54		21455 1545 1945 WYFR 100 44 27	
15330 1415 1445 KTWR 100 285 49		21525 1545 2100 WYFR 100 87 47,52,57	
15330 1445 1545 KTWR 100 285 41,48,49		21670 1545 1845 WYFR 100 44 27,28	

(FCC webpage via JKB, May 2003)

World shortwave broadcasting schedule 30 Mar 03 to 25 Oct 03 of: **SENTINEL OF CHRISTIAN SCIENCE-BROADCAST EDITION, HERALDS OF CHRISTIAN SCIENCE (LANGUAGES)-BROADCAST EDITION, BIBLE LESSONS IN LANGUAGES (LANGUAGES)-AUDIO EDITION, THE SUNDAY CHURCH SERVICE FROM BOSTON, MA, USA; (EDITED)**. Schedule based on information from the CHRISTIAN SCIENCE PUBLISHING SOCIETY:

Area of World	UTC	FREQ	Mon.	Tues.	Wed.	Th.	Fri.	Sat.	Sun.
	UTC	kHz	See the table for language and abbreviations						
ENA&Cb	0000	7535	CH	S1/S2	E/EBL	F1d	E/EBL	E/EBL	E/EBL
C&SA	0000	9430	CH	S1/S2	E/EBL	S1/S2	EBL/E	SBL/S1	S1/S2
W&CNA	0100	7535	CH	E/EBL	EBL/E	E/EBL	EBL/E	E/EBL	EBL/E
C&SA	0100	9430	CH	SBL/S1	P1/P2	SBL/S1	P1/P2	S1/S2	P1/P2

W&CNA	0200	7535	CH	S1/S2	F1c	P1/P2	R/RBL	G1/G2	EBL/E
Mexico	0200	9430	CH	SBL/S1	S1/S2	E/EBL	SBL/S1	SBL/S1	SBL/S1
EEu/Ru/Ukr	0300	9450	CH	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL
EEu/Ru/Ukr	0300	7535	CH	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL
EEu/Ru/Ukr	0400	9450	R/RBL	R/RBL	R/RBL	R/RBL	G1/G2	R/RBL	R/RBL
E&CAf	0400	13720	CH	EBL/E	F1c	EBL/E	F1e	EBL/E	F/FBL
Eastern Eur.	0500	9450	CH	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL	R/RBL
SoAf	0500	9840	CH	EBL/E	EBL/E	E/EBL	EBL/E	E/EBL	EBL/E
W&CAf	0600	9450	CH	F1b	EBL/E	F1d	EBL/E	E/EBL	F/FBL
WAf	0700	9450	F1a	EBL/E	F1c	EBL/E	F1e	F/FBL	F/FBL
Au/NZ	0800	9845	CH	E/EBL	E/EBL	E/EBL	F1e	E/EBL	EBL/E
Eur	0800	9860	R/RBL	P1/P2	R/RBL	PBL/P1	F1e	E/EBL	EBL/E
Eur	0900	9860	R/RBL	EBL/E	S1/S2	EBL/E	SBL/S1	G1/G2	GBL/G1
Brazil	0900	9455	P1/P2	PBL/P1	P1/P2	PBL/P2	G1/G2	PBL/P1	PBL/P1
ENA/Cb	1000	6095	EBL/E	F1b	EBL/E	EBL/E	F1e	F/FBL	S1/S2
C&SA	1000	9455	S1/S2	PBL/P1	SBL/S1	PBL/P1	SBL/S1	PBL/P1	EBL/E
North China/Ru/ F.East	1000	11780	CH	E/EBL	R/RBL	E/EBL	E/EBL	E/EBL	E/EBL
ENA&Cb	1100	6095	F1a	EBL/E	F1c	SBL/S2	EBL/E	E/EBL	EBL/E
C&SA	1100	9455	CH	S1/S2	SBL/S1	S1/S2	SBL/S1	S1/S2	SBL/S1
ENA&Cb	1200	9430	E/EBL	F1b	E/EBL	E/EBL	F1e	F/FBL	F/FBL
C&SA	1200	11670	SBL/S1	G1/G2	S1/S2	GBL/G1	S1/S2	E/EBL	SBL/S1
Indonesia/SE Asia	1200	9585	CH	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL
Australia	1200	9585	CH	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL
W&CNA	1300	9430	EBL/E	E/EBL	EBL/E	E/EBL	SBL/S1	EBL/E	EBL/E
Mexico	1300	11670	S1/S2	EBL/E	SBL/S1	S1/S2	EBL/E	S1/S2	SBL/S1
India	1300	7460	CH	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL	E/EBL
EAF	1600	18910	F1a	P1/P2	F1c	PBL/P1	F1e	E/EBL	PBL/P1
CAf	1700	18910	P1/P2	E/EBL	F1c	E/EBL	F1e	EBL/E	F/FBL
SAf	1800	18910	PBL/P1	P1/P2	E/EBL	PBL/P1	PBL/P1	P1/P2	CH
EEu/Ru/Ukr	1800	15665	GBL/G1	R/RBL	G1/G2	R/RBL	G1/G2	R/RBL	CH
SAf	1900	18910	E/EBL	E/EBL	E/EBL	EBL/E	E/EBL	EBL/E	CH
EEu/Ru/Ukr	1900	15665	R/RBL	EBL/E	R/RBL	E/EBL	R/RBL	GBL/G1	CH
E&C&WAf	2000	18910	E/EBL	F1b	E/EBL	F1d	E/EBL	F/FBL	CH
Western Eur.	2000	15665	P1/P2	SBL/S1	PBL/P1	F1d	S1/S2	P1/P2	SBL/S1
W&CAf	2100	18910	F1a	F1b	F1c	F1d	E/EBL	F/FBL	F/FBL
Western Eur.	2100	11650	E/EBL	GBL/G1	EBL/E	P1/P2	G1/G2	EBL/E	CH
Brazil	2200	15285	S1/S2	P1/P2	EBL/E	P1/P2	PBL/P1	P1/P2	CH
WEur	2200	13770	S1/S2	F1b	SBL/S1	E/EBL	F1e	S1/S2	CH
C&SA	2300	15285	S1/S2	SBL/S1	S1/S2	SBL/S1	S1/S2	SBL/S1	CH
SEur/WAf	2300	13770	F1a	S1/S2	EBL/E	P1/P2	SBL/S1	F/FBL	CH

ENGLISH-below

E/EBL = Sentinel/Bible Lesson

EBL/E = Bible Lesson/Sentinel

CH = Church Service

Location Abbreviations below-brief

ENA&Cb = Eastern North America & Caribbean

Au/NZ = Australia/New Zealand

Eu = Europe

RuFE = Russia/Far East

ECWAf = Eastern/Central/Western Africa

(<<http://swbdrec.freeservers.com/sntwklyrev/2001/dualco.html>> via JKB, May 2003)

OTHER LANGUAGES-below

G1/G2 = German Herolds (2)

GBL/G1 = German Bibellektion/Herold

S1/S2 = Spanish El Heraldo (2)

SBL/S1 = Spanish Leccion Biblica/El Heraldo

F1a-e = French Le Heraut

F/FBL = French Le Heraut/Lecon Biblique

P1/P2 = Portuguese O Arauto (2)

PBL/P1 = Portuguese Licao Biblica/O Arauto

R/RBL = Russian Herald/Bible Lesson

UZBEKISTAN: Radio Tashkent Postal address: Radio Tashkent, 49 Khorezm Street, Tashkent, Uzbekistan. E-mail: <uzradio@uzpak.uz>. Radio Tashkent International A03 schedule:

Arabic

| 1700-1730 9715, 7285, 6190

1900-1930 9715, 7285, 6190	Chinese
Dari	1330-1400 5060
0130-0200 9715, 7190	1430-1500 5060
1520-1550 9715, 7285, 6190	Pashto
English	0200-0230 9715, 7190
0100-0130 9715, 7190	Turkish
1200-1230 17775, 15295, 9715, 7285	0600-0630 15200
1330-1400 17775, 15295, 9715, 7285	1700-1730 9530
2030-2100 11905, 9545, 5025	Uighur
2130-2200 11905, 9545, 5025	1400-1430 5060
Farsi	Urdu
1630-1700 9715, 7285, 6190	1230-1300 17775, 15295, 9715, 7285
1830-1900 9715, 7285, 6190	1400-1430 17775, 15295, 9715, 7285
German	Uzbek
1935-2030 11905, 5025	0230-0330 9715, 7190, 5025
Hindi	1550-1630 9715, 7285, 6190, 5025
1300-1330 17775, 15295, 9715, 7285	1730-1830 9715, 7285, 6190, 5025
1430-1500 17775, 15295, 9715, 7285	

(Station info via Alexander Polyakov via Bernd Trutenau via EDXP Topica; April 09, 2003)

Sources & Contributors:

Alokesh Gupta	New Delhi - India.
BC-DX	News Bulletin by Wolfgang W. Bueschel - Germany.
BCLNEWS.IT	BCLNEWS.IT - Palermo, Italy.
BP	Bob Padula - Australia.
EDXP	Electronic DX Press, Bob Padula - Australia.
EDXP-NET	ELECTRONIC DX PRESS Messaging Network - Australia.
JKB	Dr. Juergen Kubiak, Berlin - Germany.
NASWA	North American Shortwave Association - USA.
OBSERVER	Fortnightly edition of Radio Bulgaria's Frequency Management.
RL	Richard Lemke, St. Alberta - Canada.
RUS-DX	Information bulletin of Russian DX League - Russia.
VKB	Volker Knuetel, Buchholz - Germany.
WB	Wolfgang W. Bueschel, Stuttgart - Germany.
WDXC-HQ	WDXC Headquarter, Michael Bethge - Germany.

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	

Languages:	Other common abbreviations:
Ar Arabic	bc broadcast
Ch Chinese	lsb Lower Side Band Mode
Du Dutch	nd non-directional
E, En English	px program
F French	sce(d),

G, Ge	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	dd.mm.yy	(day.month.year)
R	Russian		
Sp	Spanish		
Turk	Turkish		

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http://home.snafu.de/j.kubiak/



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QSL CORNER

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

Country	Station	QSL	Time	ORG	Remarks	OM
Austria	Radio Afrika International	e-mail	28 ds	17.895	v/s, Prefet Mat Mathurin Butusolua.	RAD
Australia	HCJB Australia	cd	14ds	11.755	test transmission was 25 kw.	RAD
Canada	Radio Japan/NHK World	cd	84 ds	6.145	v/s, T. Yasuda (JSWC-8601)	RAD
Canary Islands	Full Gospel Las Palmas Church	L	26 ds	6.715	v/s, Gyusub Chung.	RAD
Clandestine	Voice of Free Lebanon	e-mail	1 ds	11.515	radio@tayyar.org	RAD
Clandestine	Saut al-Islah Movement Islamic	e-mail	1 ds	7.590	e-mail reply from Dr. Saad Al-Fagih	RAD
Clandestine	IRIB in Iraq	e-mail		7.105		RAD
Colombia	La Voz de tu Conciencia	n/d cd	97 ds	6.011	v/s, Martin Stendal	RAD
Lithuania	Radio Nord via Sitkunai	f/d cd	179 ds	9.980	v/s, Ronny Forslund	RAD
Morocco	Radio Sawa	e-mail		7.255	comments@radiosawa.com	RAD
Pirate (No. Am)	Mystery Science Radio	f/d L	15 ds	6.950	v/s, Cherokee Jack	RAD
Pirate (No. Am)	WMFQ	f/d S	129 ds	6.925	v/s, Mr. Q. Esselle	RAD
Pirate (No. Am)	Undercover Radio	e-mail	7 ds	6.955	Dr. Benway. Nice Package!	RAD
Pirate (Europe)	Reflections Europe	f/d cd	17 ds	6.295	v/s, Trevor Brook.	RAD

Thanks to our Reporter:

RAD = Richard A. D' Angelo, Wyomissing, PA. USA Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4



DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, Apt. #421, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada
E-Mail: logbook@wwdxc.de

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3310.0	0923	222	BOL	Radio Mosoj Chaski	Spanish	Rustic vocals	3004	RAD
4835.0	2345	333	MLI	Radio TV Malienne	French	Talks and ID	1804	RAD
4950.0	0240	322	AGL	Radio Nacional	Portugese	Talks, ID	2204	RAD
5020.0	1014	121	SLM	SIBC, Honaira	English	ID, Anns.,	2604	RAD
5030.0	2310	322	BFA	Radio Burkina	French	Highlife vocals	1804	RAD
5046.7	2330	333	TGO	Radiodiffusion Togolaise	French	Pop Tunes	2104	RAD
5920.0	0410	322	USA	WBOH	English	God and Death	1604	MF
5950.0	0310	222	USA	Radio Taipei Intl.,	English	Taiwan News	1604	MF
5955.0	0400	444	AFS	Channel Africa	English	News on Congo & Iraq	1604	MF
5985.0	2152	222	COG	Radio TV Congolaise	French	ID and Vocals	2304	RAD
6010.2	2245	222	B	Radio Inconfidencia	Portugese	Pop tunes and talks	1804	RAD
6065.0	0230	444	USA	WYFR, Oakland	English	World of God	1604	MF
6080.0	0917	222	BOL	Radio San Gabriel	Spanish	Talks and flute music	3004	RAD
6165.0	2220	222	TCD	Radio TV Chadienne	French	Highlife vocals	1804	RAD
6165.0	2239	332	CRT	Hrvatska Radio	???	Non stop music	2204	RAD
7135.0	2344	333	MRC	Radio DTV Marocaine	Arabic	Vocals	0605	RAD
7190.0	2230	433	TUN	Radiodiffusion Tunisienne	Arabic	Talks and Music	2304	RAD
7205.0	2350	433	STP	Radio Sawa	Arabic	Vocals	0605	RAD
7210.3	2255	211	BEN	Radiodiffusion Benin	French	Pop vocals, ID	0705	RAD
7260.0	1100	222	THA	Radio Thailand	Vietnamese	Program	1404	RAD
7345.0	0259	533	CZE	Radio Prague	English	Mailbox	1404	RL
7410.0	0605	333	UKR	Radio Ukraine Intl., Kharkov	Ukrainian	ID, Export to Turkmenistan	2004	WB
7445.0	0600	553	CTR	RFPI, Costa Rica	English	World of Radio 1178	2004	RL
7490.0	0600	211	USA	WJIE	English	Program	2004	WB
9400.0	2356	453	BUL	Radio Bulgaria	English	Time out for Music, Bulgarian Forests	1904	RL
9445.0	2130	444	IND	All India Radio	English	News	1604	MF
9495.0	0233	554	SWE	Radio Sweden	English	Sounds Nordic	1404	RL
9525.0	0340	444	I	RAI 3	Italian	ID, Hit music	1604	MF
9565.0	0752	211	B	Radio Tupi	Portugese	Religious Talks	1005	RAD
9570.0	0244	533	HUN	Radio Budapest	English	Hungary Today	1704	RL
9590.0	0126	533	HUN	Radio Budapest	English	DX Tips and Mix	1404	RL
9605.0	0249	533	CVA	Vatican Radio	English	Sunday Gospel that meets the eye	1404	RL
9780.0	0554	444	EQA	HCJB, Pifo	German	Sermon	2004	WB
9820.0	0552	222	CUB	Radio Habana, Cuba	English	IS, ID	2004	WB
9870.0	0151	553	CAN	RAI, Wien	English	Report from Austria	0305	RL
9870.0	0326	533	CZE	Radio Prague	English	Sports, Witness and One	2304	RL
9875.0	2346	553	LTU	Radio Vilnius	English	Intl., Peace Keeping	0104	RL
9885.0	2344	553	SUI	Swiss Radio Intl.,	English	Swiss Info	1504	RL
9885.0	0750	222	NZL	Radio New Zealand Intl.,	English	Program	2004	WB

11655.0	0347	453	TUR	Voice of Turkey	English	Turks in Mirror of Centuries	2104	RL
11690.0	0033	433	LTU	Radio Vilnius	English	Govt Performance Report	0304	RL
11730.0	0530	454	USA	WHRA	English	Sermon	2004	WB
11735.0	0535	242	BLR	Radio Belarus	Belarussian	Sermon	2004	WB
11820.0	0550	232	NZL	Radio New Zealand Intl.,	English	Pre WW2 Music from England	2004	WB
11915.0	0545	343	GAB	NHK World via Moyabi	Italian	ID	2004	WB
11935.0	2156	211	CHN	CPBS,Beijing	Chinese	Music and News	0905	RAD
12045.0	1030	222	CHN	CPBS,Xian	Chinese	News	2604	RAD
12045.0	1022	322	RUS	Radio Rossii	Russian	Program and ID	2604	RAD
12085.0	2000	443	BOT	VOA via Botswana relay	English	African Music	1704	MF
13675.0	0320	333	UAE	UAE Radio Dubai	Arabic	Talks and Music	2004	RAD
13795.0	2020	453	SUI	Swiss Radio Intl.,	English	Swiss Info	0404	RL
15100.0	0608	222	PAK	Radio Pakistan, Islamabad	Urdu	Middle East Service Program	2004	WB
15120.0	1910	222	NIG	Voice of Nigeria	English	Program	1604	MF
15325.0	2053	553	CAN	Radio Canada Intl.,	English	Maple Leaf Mailbag	1504	RL
15385.0	0051	553	E	Radio Exterior de Espana	English	Radio Waves	2004	RL
15470.0	0540	333	AUT	AWR, Moosbrunn	English	DX Wavescan	2004	WB
15480.0	0612	333	UAE	Radio Japan, NHK via Dhabbaya	Japanese	Talks	2004	WB
15565.0	0308	553	NLA	Radio Vlaanderen Intl.,	English	Radio World, Sound Box	2104	RL
15635.0	1245	222	KAZ	Voice of Tibet via Almaty	Tibetan	Program jammed	1904	WB
15745.0	0025	221	CLN	Sri Lanka BC	English	News followed by Pop tunes	1904	RAD
17525.0	1335	333	RUS	Radio Nederland	Dutch	Program to Afghanistan	1804	WB
17535.0	1545	555	ISR	Reshet Bet of KOL Israel	Hebrew	Musical Melodies, Advertisements	1604	MF
17675.0	0331	452	NZL	Radio New Zealand	English	Mailbox, World in Sports	2404	RL
17705.0	1445	343	D	Golos Rossii via Juleich	Russian	Music	1704	WB
17765.0	1530	333	RUS	Dr. Gene Scott via Samara	English	Bible History	1704	WB
17770.0	0630	222	RRW	RFI via Kigali	French	Phone in Program	2004	WB
17835.4	0003	222	SLV	Radio Imperial	Spanish	Religious Vocals	1904	RAD
21500.0	1250	232	CHL	La Voz Cristiana	Portuguese	Sermon	1904	WB
21550.0	1310	232	CHL	Christian Vision, Santiago	Spanish	Modern songs	1904	WB
21560.0	1240	221	UZB	Voice of Tibet via Tashkent	Tibetan	Program jammed by Chinese	1904	WB
21620.0	1305	232	AFS	Channel Africa	English	Comments	1904	WB
21760.0	1300	333	AFS	Channel Africa	English	Comment on Zimbabwe	1904	WB

Thanks a lot to our Club members for their contributions:

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with Telescopic antenna.
 RAD : Richard A. D'Angelo, Wyomissing, USA. Drake R-8B with very long wires & Datong FL3
 RL : Richard Lemke, St Albert, Alberta, Canada. JRC NRD-535 HF with random long wires.
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR7030, Sony ICF 2010, Kenwood R-1000, Drake SPR-4 with 12 metres long wire.

Dear Friends,

Welcome to the May issue of our Logbook for 2003.

It is a very short Logbook this month as our members' contribution was limited.

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

Ashok Kumar Bose

SWL / Media Programs in English and German

March 30th – October 26th, 2003 – As of April 29th, 2003

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DX & Media news, receiver reviews, radio features, letterbox programmes, tuning tips, propagation, satellites, computers, amateur radio and radio theory.

2nd Figures behind language symbols E or G, indicate weeks of the month. Times and days in UTC.

STL – Satellite transmission.

Will be ceased from June 1st, 2003

\$\$ Will be ceased from July 1st, 2003

Monday

- 0030 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0105 RCI Montreal, E, Maple Leaf Mailbag – 9755 15170 15305 STL Hotbird No&LatAM
- 0205 RCI Montreal, E, Maple Leaf Mailbag – 15510 17860 SoAS STL Hotbird EUR
- 0205 DW Cologne, G, except **1st**
- 0230 WHRI South Bend, E, DXwCumbre – 5745
- 0300 RVI Brussels via Bonaire, E – 15565 STL
- 0300 KWHR Naalehu Hawaii, E, DXwCumbre – 17510
- 0330 WHRI South Bend, E, DXwCumbre – 7315
- 0330 WRMI Miami (AWR Wavescan), E – 7385
- 0445 WBCQ, E, World of Radio – 7415
- 0445 WWCR Nashville, E, alternate weeks – 5070
- 0630 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0630 RÖI Vienna\$\$, Flash des Ondes, French – 6155 13730 STL Astra EUR
- 0706 Radio NZL Internat., E, alternate weeks – 9885
- 0730 WJIE, E, World of Radio – 7490
- 1230 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1900 Amateur Radio Mirror, Channel Africa, E – 3215
- 1950 Radio Budapest, G – 3975 6025
- 2025 REE Madrid, E – 9570 15290 EUR / AF
- 2135 Radio NZL Internat., E, alternate weeks – 15160
- 2330 Radio Budapest, G – STL Euromax Astra/Hotbird, WRN2 Afristar AF

Tuesday

- 0420 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0720 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF

- 0730 WJIE, E, World of Radio – 7490
- 1320 R Budapest, G – STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1725 Radio Polonia Warsaw, E – 5995 7285 WRN STL EUR
- 1750 Radio Budapest, G – 3975 6025
- 1805 hr2 Frankfurt, Medienjournal, G **1st 3rd** – FM STL
- 1900 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1940 Radio Tashkent, G **1st 3rd** – 5025 11905
- 1955 Radio Polonia Warsaw, E – STL EUR
- 2000 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 2030 RCI Montreal, E, Maple Leaf Mailbag – 5850 5995 11690 11965 12015 15325 15470 17870 STL Hotbird
- 2100 XERMX Mexico, E, DXperience – 9705 11770
- 2105 RHC Habana, E – 11670
- 2130 RAE Buenos Aires, G – 9690 15345
- 2305 RHC Habana, E – 6195

Wednesday

- 0100 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0130 RCI Montreal, E, Maple Leaf Mailbag – 9755 15170 15305 STL Hotbird No&LatAM
- 0135 RHC Habana, E – 6000 9820
- 0200 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 0230 RCI Montreal, E, Maple Leaf Mailbag – 15510 17860 SoAS STL Hotbird EUR
- 0300 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF Euromax Astra/Hotbird Afristar NE/AF / Asiasat/Asiastar AS / TelStar V AM
- 0335 RHC Habana, E – 6000 9820
- 0535 RHC Habana, E – 9550 9820
- 0600 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF Euromax Astra/Hotbird Afristar NE/AF / Asiasat/AsiaStar AS
- 0700 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0730 WJIE, E, World of Radio – 7490
- 0800 WWCR Nashville, E, Spectrum – 3210
- 0805 Chronos hr Frankfurt, Die Welt der Medien, G – 594 FM STL
- 0930 WWCR Nashville, E, World of Radio – 9475
- 1130 WRMI Miami, E/Sp, Viva Miami – 9955
- 1205 Chronos hr Frankfurt, Die Welt der Medien, G – 594 FM STL
- 1300 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1300 WJIE, E, World of Radio – 7490
- 1400 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 1630 RCI Montreal, E, Maple Leaf Mailbag – STL Hotbird EUR
- 1715 WWCR Nashville, E, alternate weeks – 15825
- 1725 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF / Euromax Astra/Hotbird / Afristar NE/AF / Asiasat/AsiaStar AS / TelStar V AM
- 1730 Radio NZL Internat., E, alternate weeks – 6095 / 11980

- 1745 Radio UKR Internat. Kiev, G, fortnightly – 11550
 1845 RAE Buenos Aires, E, Dxers Special – 9690 15345
 1950 Radio Budapest, G – 3975 6025
 2045 Radio UKR Internat. Kiev, G, fortnightly – 11550
 2100 WWCR Nashville, Sp, Mundo Radial – 15825
 2200 WBCQ Maine, E, World of Radio – 7415 17495
 2330 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 2345 Radio UKR Internat. Kiev, G, fortnightly – 5905 12040

Thursday

- 0130 Radio Australia, E, Media Report – 9660 12080
 15240 15415 17580 17750 17795 21725
 0245 RAE Buenos Aires, E, Dxers Special – 11710
 0305 Radio NZL Internat., E, alternate weeks – 17675
 0420 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 0720 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 0730 WJIE, E, World of Radio – 7490
 1030 Radio Australia, E, Media Report –
 9580 11880 15240 17750 21820
 1225 Radio Polonia Warsaw, E – 9525 11820 STL
 1320 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 1530 XERMX Mexico, E, DXperience – 9705 11770
 1530 Radio Australia, E, Media Report –
 5995 9475 9580 11650 11660
 1930 Radio Bulgaria Sofia, G – 5800 7500 EUR
 1935 Radio Tashkent, G – 5025 11905
 2000 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 2030 WWCR Nashville, E, World of Radio – 15825
 2135 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
 Afristar, Asiastar, WorldSpace AF / ME / AS / PAC /
 SoAM
 2208 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
 WorldSpace AM
 2238 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
 Siriusstar AM
 2330 Radio Australia, E, Media Report – 9660 11695 12080
 13620 15230 15415 17715 17795 21740

Friday

- 0200 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 0730 WJIE, E, World of Radio – 7490
 0800 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 0900 Radio Polonia Warsaw, E, DX Club STL
 0945 WWCR Nashville, E, alternate weeks – 9475
 1100 WRN on Internet, E, World of Radio on-demand start
 1230 BBC R4, World in Your Ear / Feedback, E –
 LW 198, MW, FM
 1305 Radio Budapest, E – STL WRN TelStar V AM

- 1400 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 1630 RÖI Vienna\$\$, Hotline G **1st** – 6155 13730
 STL Astra EUR
 1830 RÖI Vienna\$\$, Hotline G **1st** – 1476 5945 6155
 STL Astra EUR
 1905 Radio Budapest, E, DX Corner – 3975 6025 11720
 STL WRN
 WorldSpace Afristar AF / AsiaSat / AsiaStar AS/Pac
 1930 Radio NZL Internat., E, alternate weeks – 15160
 1930 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 2000 WJIE, E, Continent of Media – 7490
 2030 WWCR Nashville, E, alternate weeks – 15825
 2100 WHRA, E, DXwCumbre – 17650 AF / EUR
 2105 Radio Australia, E, Feedback – 7240 9500 9580 9660
 11880 12080 17715 21740
 2105 Radio Budapest, E, DX Corner – 6025 11890
 2110 WWCR Nashville, Sp, Mundo Radial – 15825
 2130 RAE Buenos Aires, G – 9690 15345
 2138 Radio Bulgaria Sofia, E – 5800 7500 EUR
 2300 Studio-X Italy, E, World of Radio – 1566 1584
 2305 Radio Budapest, E, DX Corner –
 STL WRN Astra/Hotbird Euromax / WRN1 TelStar V AM
 2338 Radio Bulgaria Sofia, E – 9400 11900 NoAM

Saturday

- 0100 RfPI Costa Rica, E, Cont. of Media – 7445usb 15040
 0105 Radio Budapest, E, DX Corner – 9590
 0105 Radio Tashkent, E, after **3rd** Sat – 7190 9375 9530 9715
 0130 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 0200 RÖI Vienna\$\$, Hotline G **1st** – STL Astra only EUR
 0235 Radio Budapest, E, DX Corner – 9570
 0238 Radio Bulgaria Sofia, E – 9400 11900 NoAM
 0330 Radio Polonia Warsaw, E, DX Club STL
 0335 Radio Budapest, E, DX Corner – STL WRN TelStar V AM
 WorldSpace Afristar AF / AsiaSat/AsiaStar AS/Pac
 0430 WHRA, E, DXwCumbre – 7580 AF / EUR
 0500 HCJB Quito##, G – 9780 21455usb EUR
 0500 WHRI South Bend, E, DXwCumbre – 5745 7315
 0600 WWCR Nashville, E, World of Radio – 5070
 0600 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
 0600 HCJB Quito##, E, DX Party Line – 9860 21455usb EUR
 0605 Radio Australia, E, Feedback –
 15240 15415 15515 17750
 0630 WHRI South Bend, E, DXwCumbre – 5745
 0638 RCI Montreal, E, Maple Leaf Mailbag – STL via WRN
 Astra EuroMax/Hotbird / WRN2 AfriSat / AfriStar EUR
 0700 HCJB Quito##, E, Ham Radio Today –
 9860 21455usb EUR
 0700 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
 0730 RfPI Costa Rica, E, World of Radio – 7445usb 15040
 0730 WHRI South Bend, E, DXwCumbre – 5745 7315

- 0745 RKI Seoul, G – 15210 (x9640) AS/EUR
0800 WRN1, E, World of Radio – STL Astra/Hotbird
Euromax EUR/ME/AF
AfriStar AF / AsiaSat / AsiaStar AS/Pac
0800 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
0810 RKI Seoul, E – 9570 13670 AS
0830 HCJB Australia##, E, Ham Radio Today – 11770 PAC
0845 WWCR Nashville, E, alternate weeks – 5070
0930 HCJB Australia##, E, DX Party Line – 11770 PAC
0930 WJIE, E, World of Radio – 7490
0930 HCJB Quito##, G – 6010 21455usb SoAM
0930 RÖI Vienna\$\$, Hotline G **1st** –
STL WRN Astra/Hotbird Euromax / WRN2 AfriStar
1000 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
1030 HCJB Australia##, E, Ham Radio Today – 11770 PAC
1140 RKI Seoul, E – 9650CAN NoAM
1145 Voice of Turkey, G, fortnightly – 15470
1227 RRI Bucharest, G – 11775 15150
1230 WHRI South Bend, E, DXwCumbre – 9495
1245 Voice of Turkey, E, fortnightly – 17595 17830
1310 RKI Seoul, E – 9570 13670 AS
1330 RfPI Costa Rica, E, World of Radio – 7445usb 15040
1335 Radio Tashkent, E, **2nd** – 7285 9715 15295 17775
1430 HCJB Quito##, G – STL WRN Astra EuroMax/Hotbird
EUR / WRN2 AfriStar AF
1430 HCJB Australia##, E, DX Party Line – 15480 AS
1500 WHRI South Bend, E, DXwCumbre – 13760
1505 DeutschlandFunk Cologne, G, Media Magazine
hr2 Frankfurt, Medienforum, G – FM STL
1600 HCJB Australia##, E, Ham Radio Today – 15480 AS
1610 RKI Seoul, E – 5975 9515 9870 AS
1611 RRI Bucharest, G – 9690 11940 15170
1645 RKI Seoul, G – 7275 AS
1730 RfPI Costa Rica, E, World of Radio – 7445usb 15040
1730 Voice of Turkey, G, fortnightly – 13640
1730 HCJB Quito##, G – STL WRN Astra EuroMax/Hotbird
EUR / WRN2 AfriStar AF
1845 Voice of Turkey, E, fortnightly – 9785
1900 Voice of Mediterr. Malta, E – 12060
1900 RÖI Vienna\$\$, Hotline G **1st** – 5945 6155
STL Astra EUR
1910 RKI Seoul, E – 5975 7275 AS
1911 RRI Bucharest, G – 9625 11940
1920 Radio Bulgaria Sofia, G – 5800 7500 EUR
1930 WHRI South Bend, E, DXwCumbre – 9495
1930 Radio Belarus Minsk, G – 1170 7105 7210
2000 HCJB Quito##, E, DX Party Line – 15185 EUR
2000 RKI Seoul via Skelton, G – 3955 EUR
2030 AWR Wavescan KSDA Guam, E – 11750 11980
2030 Radio Belarus Minsk, G – 1170 7105 7210
2035 Radio Tashkent, E, **2nd** – 5025 9545 11905
2045 Voice of Turkey, E, fortnightly – 9525
2100 HCJB Quito##, E, Ham Radio Today – 15185 EUR
2100 HCJB Quito##, G – 15545 17795 21455usb EUR
2105 RHC Habana, E – 11670
2110 RKI Seoul via Skelton, E – 3955 EUR
2118 Radio UKR Internat. Kiev, E – 5905
2125 REE Madrid, E – 9840 9570 EUR / AF
2130 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
2130 AWR Wavescan KSDA Guam, E – 11850 11980
2130 WHRA, E, DXwCumbre – 17650
2135 Radio Tashkent, E, **2nd** – 5025 9545 11905
2135 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
Afristar, Asiastar, WorldSpace AF / ME / AS / PAC /
SoAM
2208 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
WorldSpace AM
2215 Voice of Turkey, E, fortnightly – 9830 11960
2230 WRMI Miami (AWR Wavescan), E – 15725
2230 WHRI South Bend, E, DXwCumbre – 9495
2238 RCI Montreal, E, Maple Leaf Mailbag – STL WRN
Siriusstar AM
2300 HCJB Quito##, G – 11980 SoAM
2305 RHC Habana, E – 6195
2330 RfPI Costa Rica, E, World of Radio – 7445usb 15040
2345 WWCR Nashville, E, alternate weeks – 9475
- Sunday** _____
- 0000 HCJB Quito##, E, DX Party Line – 9745 21455usb NoAM
0000 RfPI Costa Rica, E, World of Radio – 7445usb 15040
0018 Radio UKR Internat. Kiev, E – 12040
0025 REE Madrid, E – 15385
0030 AWR Wavescan Abu Dhabi, E – 9720 9810
0100 HCJB Quito##, E, Ham Radio Today –
9745 21455usb NoAM
0135 RHC Habana, E – 6000 9820
0200 WJIE, E, World of Radio – 7490
0200 AWR Wavescan Moosbrunn, E – 9820
0210 RKI Seoul, E – 9560CAN 9395 15575 NoAM / AS
0215 WWCR Nashville, E, alternate weeks – 5070
0230 WWCR Nashville, E, World of Radio – 5070
0230 WHRA, E, DXwCumbre – 7580
0230 Radio Belarus Minsk, G – 1170 5970 7210
0233 VoA, E, Main Street – 7115 9635 11705 11725
11820 13650 17740 17820
0259 Vatican Radio, E – 7305 9605
0300 HCJB Quito##, E, DX Party Line – 9745 21455usb NoAM
0300 WWCR Nashville, E, Spectrum – 5070
0305 Radio Australia, E, Feedback –
15240 15415 15515 17750
0315 Voice of Turkey, E, fortnightly – 7270 11655
11655 replaced by 9650 from August 31.
0318 Radio UKR Internat. Kiev, E – 12040

- 0330 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 0330 HCJB Quito##, G via WRN – STL Astra EuroMax/Hotbird / WRN2 AfriSat / AfriStar
- 0330 AWR Wavescan Abu Dhabi, E – 15160
- 0330 WRMI Miami En/Sp, Viva Miami – 7385
- 0335 RHC Habana, E – 6000 9820
- 0400 HCJB Quito##, E, Ham Radio Today – 9745 21455usb NoAM
- 0400 AWR Wavescan Meyerton, E – 7235
- 0430 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
- 0430 XERMX Mexico, E, DXperience – 9705 11770
- 0430 WRN1, E, World of Radio – STL Astra/Hotbird Euromax EUR/ME/AF AfriStar AF / AsiaSat / AsiaStar AS/Pac
- 0433 VoA, E, Main Street – 909 4960 6080 7290 9530 9575 11835 11965 12080 15205 17895
- 0500 AWR Wavescan Meyerton, E – 3215 3345
- 0530 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0535 RHC Habana, E – 9550 9820
- 0600 AWR Wavescan Meyerton, E – 15105
- 0605 DW Cologne, G, except **1st**
- 0628 WWCR Nashville, E, World of Radio – 3210
- 0630 WHRI South Bend, E, DXwCumbre – 5745
- 0633 VoA, E, Main Street – 1197 6035 6080 7195 9530 9760 11805 11835 11965 11995 12080 15205
- 0638 Radio Bulgaria Sofia, E – 11600 13600 EUR
- 0700 RVI Brussels, E – 1512 5985 STL
- 0700 RCI Montreal, E, Mailbag, fortnightly – STL Hotbird only
- 0700 WRN, E, Radio Australia, Feedback – STL Astra/Hotbird Euromax EUR/ME/AF AfriStar AF / AsiaSat / AsiaStar AS/Pac
- 0700 RKI Seoul, G – 15210 (9640) AS/EUR
- 0730 AWR Wavescan Moosbrunn, E – 9775
- 0730 WHRA, E, DXwCumbre – 11730 AF / EUR
- 0800 Amateur Radio Mirror, Channel Africa, E – 7082usb 9750 17815
- 0830 AWR Wavescan Moosbrunn, E – 17780 AF STL Astra EUR/ME
- 0905 hr1 Frankfurt, Netzwerk, G – FM STL
- 0930 WRMI Miami, E/Sp, Viva Miami – 9955
- 1000 AWR Wavescan KSDA Guam, E – 11560 11930
- 1005 DW Cologne, G, except **1st**
- 1015 WWCR Nashville, E, alternate weeks – 15825
- 1030 WJIE, E, World of Radio – 7490
- 1033 VoA, E, Main Street – 1197 5745 7370 9590 9770 13620 15240 15425
- 1100 RÖI Vienna\$\$, Flash des Ondes, French – 6155 13730 STL Astra EUR
- 1118 Radio UKR Internat. Kiev, E – 15415
- 1130 RVI Brussels, E – 1512 9865 STL
- 1130 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1138 Radio Bulgaria Sofia, E – 11700 15700 EUR
- 1200 WRMI Miami, E, Viva Miami – 15725
- 1200 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1300 RÖI Vienna\$\$, Hotline G **1st** – STL WRN Astra/Hotbird Euromax / WRN2 AfriStar
- 1300 AWR Wavescan Abu Dhabi, E – 17740
- 1300 WRMI Miami (AWR Wavescan), E – 15725
- 1330 AWR Wavescan Abu Dhabi, E – 15320
- 1330 AWR Wavescan KSDA Guam, E – 11980 15150 STL
- 1400 WRN1, E, World of Radio – STL via TelStar V AM
- 1405 DW Cologne, G, except **1st**
- 1430 WRN1, RVI Brussels, E – STL TelStar V AM / AsiastarAS
- 1530 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 1544 Vatican Radio, E – 12065 13765 15235
- 1600 AWR Wavescan KSDA Guam, E – 11560 15215 15235
- 1630 WJIE, E, World of Radio – 7490 13595
- 1630 AWR Wavescan Abu Dhabi, E – 17630
- 1630 AWR Wavescan KSDA Guam, E – 11975
- 1630 RÖI Vienna\$\$, Hotline G **1st** – 6155 13730 STL Astra EUR
- 1730 RVI Brussels, E – 1512 9925 13690 13710
- 1730 WWCR Nashville, E, alternate weeks – 12160
- 1730 AWR Wavescan KSDA Guam, E – 9385 12015
- 1730 RÖI Vienna\$\$, Flash des Ondes, French – 1476 6155 13730 STL Astra EUR
- 1800 AWR Wavescan Meyerton, E – 3215 3345
- 1805 DW Cologne, G, except **1st**
- 1830 RVI Brussels, E – STL WRN1 Euromax EUR/ME/AF / TelStar V AM
- 1830 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 1830 AWR Wavescan Meyerton, E – 9520
- 1900 BBC R4, World in Your Ear / Feedback, E – LW 198, MW, FM
- 1930 RVI Brussels, E – 1512 9925 13690 STL
- 1930 Studio-X Italy, E, World of Radio – 1566 1584
- 1930 AWR Wavescan Slovakia, E – 7130
- 1930 Radio Belarus Minsk, G – 1170 7105 7210
- 2005 RCI Montreal, E, Maple Leaf Mailbag – 5850 5995 11690 11965 12015 15325 15470 17870 STL Hotbird
- 2030 AWR Wavescan Woofferton, E – 15385
- 2030 WRMI Miami (AWR Wavescan), E – 15725
- 2030 Radio Belarus Minsk, G – 1170 7105 7210
- 2100 WHRI South Bend, E, DXwCumbre – 5745
- 2130 AWR Wavescan Moosbrunn, E – 15130
- 2200 WRMI Miami, E, Viva Miami – 15725
- 2200 WBCQ Laser Radio, E, Media Show – 9330
- 2205 DW Cologne, G, except **1st**
- 2230 XERMX Mexico, E, DXperience – 9705 11770
- 2230 RVI Brussels via Bonaire, E – 15565 STL