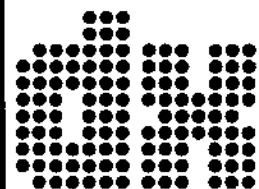


4 - 2005

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WORLD WIDE DX CLUB



WORLD WIDE DX CLUB



All times mentioned in this DX MAGAZINE are UTC - Alle Zeiten in diesem DX MAGAZINE sind UTC

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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.

- WORLDWIDE DX CLUB homepage in the Internet at: <http://www.wwdxc.de>
- Weekly "TopNews" by Wolfgang Büschel at: <http://www.wwdxc.de/topnews.htm> (available also free of charge by E-Mail to our members on request)
- Latest DRM schedule at: <http://www.wwdxc.de/drm.htm>

## WORLD RADIO TV HANDBOOK 2005

Prices for orders from WORLDWIDE DX CLUB ■ Preise bei Bestellung beim WORLDWIDE DX CLUB:

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## INTERNATIONALE ANTWORTSCHEINE (alte, kleine Version)

Bei uns erhältlich für € 1,00 pro Stück (inkl. Porto). Mindestbestellung: 10 Stück. Laut UPU (s. DX MAGAZINE 6/02, S. 31) sind diese weiterhin unbeschränkt gültig.

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DX MAGAZINE No. 4

Vol. XL

April 2005

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:

**Australasian SW Guide** No. 19 - A05 has been published recently. The Guide is 40 pages A5 format, professionally printed and saddle stitched, with over 1400 entries for the new A05 transmission period. If you would like a copy, please send the payment without delay - in Australia: A\$10 by cash, personal cheque, bank cheque, Australian Money Order, financial institution cheque, mint Australian stamps, or PayPal. Overseas: US\$10 / 10 Euro / 5 British Pounds / A\$15 by cash, 10 international reply coupons, Australian mint stamps to the value of A\$15, international bank transfer, international bank draft, or PayPal. This is the only print publication available for the A05 season anywhere in the world, with coverage as specified and it is the final edition of this Guide in print format - it is proposed to offer future editions on a CD-ROM. You can see the detailed specifications at <<http://edxp.org>>. Address: Bob Padula, 404 Mont Albert Road, Mont Albert, Victoria 3127, Australia (E-Mail:<[bobpadula@mydesk.net.au](mailto:bobpadula@mydesk.net.au)>).

The **Medium Wave Circle** is pleased to announce the release of its latest archive CD. Included are more than 100 audio clips of DX catches heard in the UK, mostly on beverage aerials, plus audio from numerous other stations including the 1960's offshore pirates Radios City and London. There are also various video clips, 25+ useful maps, station lists such as the Pacific Asian list, the EuroAfrican list etc, etc. Also included are 24 receiver manuals and 50+ receiver reviews from Radio Netherlands. There are various other features too numerous to list in detail. Included for the first time are the 4 MWC All Time DX Lists of MW stations heard in the UK since 1953. There are more than 2000 stations listed from all around the world. In addition to all the above, there are also 10 issues of our magazine Medium Wave News in PDF format from April 2002 - March 2003, plus 10 issues from April 2004 - March 2005. There are many hours of listening, reading and watching on this CD. The cost is £5 in the UK, 10 Euros to Europe and US\$11 anywhere else in the world. Prices include postage & packing. To order the CD, send your money to MWC, 59 Moat Lane, Luton LU3 1UU, England. Alternatively, MWC accepts PayPal payments from outside the UK (the PayPal payment should be sent to: <[contact@mwcircle.org](mailto:contact@mwcircle.org)>). If you have any queries about the CD, please contact us at the address above or at <[treasurer@mwcircle.org](mailto:treasurer@mwcircle.org)>.

Bruce Portzer's **Pacific Asian Log** (PAL) guide to mediumwave stations from Afghanistan to Alaska and beyond has moved to a new on-line location at <<http://www.radioheritage.net>> in March 2005. New features include an on-line search capability for popular searches by country, location, network and frequency. More information can be added to the database later, such as links to individual station web sites and streaming audio. Everything you liked about the previous editions is here, with details of hours of operation, call-signs and slogans, formats and transmitter powers, as well as location, province or state and more. PAL can be accessed as a complete document in frequency order or in alphabetical country order, or with the new simple searches which should prove popular for DXers looking for specific stations. The latest edition of PAL is now available at: <<http://www.radioheritage.net>>.

(Radio Heritage Foundation, P.O. Box 14339, Wellington, New Zealand)

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

**ALBANIA:** The Albanian Radiotelevision is a potential National (Public since 1998) and International Broadcaster on MW, HF, FM, VHF-UHF and Satellite bands.

**RADIO TIRANA**, III-rd CHANNEL BROADCASTING PROGRAM during the Summer Season A 05 (27 March 2005 - 29 October 2005)

Language	Destination	UTC/Days		Tx	kW	KHz	Beam	
Albanian	Europe	0630-0800	1234567	Shijak	100	7105	OND	
				Fllaka	500	1458	338°	
		0801-0900	1234567	Shijak	100	7105	OND	
				Fllaka	500	1395	33°	
				Fllaka	500	1458	OND	
	English	North America	2300-0030	1234567	Shijak	100	6115	300°
					Shijak	100	7210	310°
		ENGLAND	1845-1900	234567	Shijak	100	6115	300°
					Shijak	100	6115	300°
					Shijak	100	7120	310°
U.S.A.	0145-0200	134567	Shijak	100	6115	300°		
			Shijak	100	7160	310°		
			Shijak	100	6115	300°		
French	FRANCE	1901-1930	234567	Shijak	100	9520	300°	
				Shijak	100	7160	310°	
Greek	GREECE	1545-1600	234567	Fllaka	500	1458	OND	
German	GERMANY	1801-1829	234567	Shijak	100	6130	350°	
				Fllaka	500	1458	338°	
Italian	ITALY	1901-1930	234567	Shijak	100	7240	OND	
Serbian	Ex-YUGOSLAVIA	2015-2030	234567	Shijak	100	6205	OND	
				Fllaka	500	1458	004°	
Turkish	TURKEY	1530-1545	234567	Fllaka	500	1458	OND	

Note: Sunday = 1, ..... , Saturday = 7

Radio Tirana Headquarter is located in the centre of Tirana on:

41 N 19'24,3" 19 E 50'

(41.3234166667) (19.8333333333)

Shijak Transmitting Radiostation:

Coordinates: 41 N 19'53,5" 19 E 33'8,6"

(41.3315277777) (19.5523888888)

2 SW Tx / 100kW new Chinese (Continental) SW transmitters on the air since 06 Aug. 2004.

1 MW Tx / 150 kW, Russian transmitter on 1089 KHz, on the air since 1961, Radio Tirana 1st Domestic Channel.

Fllaka Transmitting Radiostation:

Coordinates: 41 N 22'11" 19 E 30'17"

(41.3697222222) (19.5047222222)

2 Tx / 500kW Chinese MW transmitters on: 1215kHz/1395kHz/1458kHz, Tx No.1 since 1966, Tx No.2 since 1970.

(Drita Cico, Head of Monitoring Service Radio Tirana via Volker Willschrey via WDXC-HQ; March 25, 2005)

**ARGENTINA:** *Radiodifusion Argentina Al Exterior* - *RAE* schedule. Internet: <[http://www.radionacional.gov.ar/rae\\_historia3.html](http://www.radionacional.gov.ar/rae_historia3.html)>. Transmission schedule A05 of Radiodifusion Argentina Al Exterior. Postal address: Casilla de Correos 555, Correo Central, 1000WAF Buenos Aires, Argentina. Email: <[rae@radionacional.gov.ar](mailto:rae@radionacional.gov.ar)>. RAE's international service is on the air since 1958 over short wave.

6060 KHz Banda de 49 metros 11710 KHz Banda de 25 metros

9690 KHz Banda de 31 metros 15345 KHz Banda de 19 metros

U.T.C. IDIOMA PROGRAMA FRECUENCIA DESTINO  
 09.00-12.00 CASTELLANO -PANORAMA NACIONAL DE NOTICIAS 6060 AMÉRICA  
 10.00-12.00 JAPONÉS \*PROGRAMA JAPONÉS 11710 LEJANO ORIENTE  
 12.00-14.00 CASTELLANO \*PROGRAMA CASTELLANO 11710 AMÉRICA  
 18.00-19.00 INGLÉS \*PROGRAMA INGLÉS 9690-15345 EUROPA  
 19.00-20.00 ITALIANO \*PROGRAMA ITALIANO 9690-15345 EUROPA  
 20.00-21.00 FRANCÉS \*PROGRAMA FRANCÉS 9690-15345 EUROPA/N.AFRICA  
 21.00-22.00 ALEMÁN \*PROGRAMA ALEMÁN 9690-15345 EUROPA/N.AFRICA  
 22.00-24.00 CASTELLANO \*PROGRAMA CASTELLANO 6060-11710-15345 EUROPA/N.AFRICA Y AMÉRICA

00.00-02.00 PORTUGUÉS \*PROGRAMA PORTUGUÉS 11710 AMÉRICA

02.00-03.00 INGLÉS \*PROGRAMA INGLÉS 11710 AMÉRICA

03.00-04.00 FRANCÉS \*PROGRAMA FRANCÉS 11710 AMÉRICA

- Transmisión LRA 1 Radio Nacional Buenos Aires, AM 870 KHz. -

\* Transmisión de Lunes a Viernes (Mondays to Fridays). -

\*\* Transmisión Sábados Fcias.: 6060 y 15345 KHz de 17.00 a 23.30 H.L (20.00 a 02.30 UTC) / FREC. 11710 de 17.00 a 19.00 (20.00 a 22.00 UTC)

Domingos Fcias.: 6060 y 15345 KHz, de 15.00 a 24.00 H.L (18.00 a 03.00 UTC) / señal Radio Nacional AM 870 KHz. / FREC. 11710 de 15.00 a 22.00 (18.00 a 01.00 UTC)

On the air Saturdays on 6060 & 15345 KHz: 17.00 & 23.30 (20.00 & 02.30 UTC) Fr. 11710: 17.00 & 19.00 (20.00 & 23.00 UTC)

On the air Sundays on 6060 & 15345 KHz.: 14.00 a 03.00 UTC: signal Radio Nacional AM 870 KHz. Rr. 11710 15.00 & 22.00 (18.00 & 01.00 UTC)

Telefax RAE 54 11 4325 6368 Casilla de correo 555 - C1000WAF Buenos Aires - República Argentina Correo electrónico: rae@radionacional.gov.ar barrera@arg.sicoar.com

(Marcela Campos - Director RAE via Alokesh Gupta to CUMBRE DX via WDXC-HQ; March 24, 2005)

### **AUSTRIA:** *Austrian Radio* updated Shortwave schedule at the web:

Europe:	0400-2208	6155	
	0400-1730	13730	
	1730-2208	5945	
Middle East:	0500-0600	17870	
America East:	0130-0200	9870	
America West:	1500-1600	13775	
Central America:	0100-0130	9870	
South America:	0030-0100	9870	
Asia & Australia:	1200-1300	17715	(ORF schedule at the web via JKB, 9 Apr 2005)

**BULGARIA:** *Radio Bulgaria* A05 schedule from March 27 - October 30. Address: 4, Dragan Tsankov Blvd., 1040 Sofia and P.O.Box 900, 1000 Sofia. Fax.: +359 2 865 05 60, Website: <<http://www.bnr.bg>>

Programme Director: Angel Nedyalkov e-mail: [nedyalkov@bnr.bg](mailto:nedyalkov@bnr.bg)

Frequency Manager: Ivo Ivanov e-mail: [frequencies@bnr.bg](mailto:frequencies@bnr.bg)

ALBANIAN / e-mail: <a href="mailto:albanian@bnr.bg">albanian@bnr.bg</a>		1500-1600 -daily- South Africa	17500 P500/185
0530-0600 Mon-Fri Balkans	7200 P250/248, 1224	1800-1900 -daily- Balkans	5900 P250/248, 1224, 747
0600-0700 Sat/Sun Balkans	7200 P250/248, 1224	1800-2000 -daily- Middle East	7400 P250/140
1100-1130 -daily- Balkans	7200 P250/248	1800-2000 -daily- West Europe	9700 P250/306
1600-1630 -daily- Balkans	7200 P250/248, 1224	ENGLISH / e-mail: <a href="mailto:english@bnr.bg">english@bnr.bg</a>	
1900-2000 -daily- Balkans	5900 P250/248, 1224, 747	0200-0300 -daily- North America	9700 P500/306, 11700 P500/306
BULGARIAN / e-mail: <a href="mailto:bulgarian@bnr.bg">bulgarian@bnr.bg</a>		0630-0700 -daily- West Europe	11600 P500/306, 13600 P500/306
0000-0100 -daily- South America	9500 P250/245, 11500 P250/258	1130-1200 -daily- West Europe	11700 P500/306, 15700 P500/306
0000-0100 -daily- North America	9700 P500/306, 11700 P500/306	1730-1800 -daily- West Europe	9500 P500/306, 11500 P500/306
0430-0500 Mon-Fri Balkans	7200 P250/248, 1224	2100-2200 -daily- West Europe	5800 P500/295, 7500 P500/306
0430-0500 Mon-Fri East Europe	7500 S100/030, 9400 S100/030	2300-2400 -daily- North America	9700 P500/306, 11700 P500/306
0430-0500 Mon-Fri West Europe	9500 P500/306, 11500 P500/306	FRENCH / e-mail: <a href="mailto:french@bnr.bg">french@bnr.bg</a>	
0400-0500 Sat/Sun Balkans	7200 P250/248, 1224	0100-0200 -daily- North America	9700 P500/306, 11700 P500/306
0400-0500 Sat/Sun East Europe	7500 S100/030, 9400 S100/030	0600-0630 -daily- West Europe	11600 P500/306, 13600 P500/306
0400-0500 Sat/Sun West Europe	9500 P500/306, 11500 P500/306	1100-1130 -daily- West Europe	11700 P500/306, 15700 P500/306
1000-1030 -daily- Balkans	7200 P250/248	1700-1730 -daily- West Europe	9500 P500/306, 11500 P500/306
1000-1030 -daily- East Europe	11600 S100/030, 13600 S100/030	2000-2100 -daily- West Europe	5800 P500/295, 7500 P500/306
1000-1030 -daily- West Europe	11700 P500/306, 15700 P500/306	GERMAN / e-mail: <a href="mailto:german@bnr.bg">german@bnr.bg</a>	
1200-1400 -daily- Balkans	1224	0500-0530 -daily- West Europe	9500 P500/306, 11500 P500/306
1200-1400 -daily- West Europe	11700 P500/306, 15700 P500/306	1030-1100 -daily- West Europe	11700 P500/306, 15700 P500/306
1500-1600 -daily- Balkans	7200 P250/248, 1224	1630-1700 -daily- West Europe	9500 P500/306, 11500 P500/306
1500-1600 -daily- East Europe	7500 S100/030, 9400 S100/030	1900-2000 -daily- West Europe	5800 P500/295, 7500 P500/306
1500-1600 -daily- Middle East	15700 P500/126	GREEK / e-mail: <a href="mailto:greek@bnr.bg">greek@bnr.bg</a>	

0500-0530	Mon-Fri	Balkans	7200 P250/248, 1224	2300-2400	-daily-	South America	9500 P250/245, 11500 P250/258
0500-0600	Sat/Sun	Balkans	7200 P250/248, 1224	TURKISH / e-mail: turkish@bnr.bg			
1030-1100	-daily-	Balkans	7200 P250/248	0500-0530	-daily-	Middle East	6000 P250/115, 7400 P250/140
1630-1700	-daily-	Balkans	7200 P250/248, 1224, 747	1000-1030	-daily-	Middle East	6000 P250/115, 7400 P250/140
2000-2100	-daily-	Balkans	5900 P250/248, 1224, 747	1730-1800	-daily-	Middle East	7400 P250/140, 1224, 747
RUSSIAN / e-mail: russian@bnr.bg							
0300-0400	-daily-	East Europe	7500 & 9400 S100/030, 1224	RADIO VARNNA			
0500-0530	-daily-	East Europe	7500 S100/030, 9400 S100/030	2100-2400	Sun	Black Sea	7400 V100/ND
1030-1100	-daily-	East Europe	11600 S100/030, 13600 S100/030	0000-0300	Mon	Black Sea	7400 V100/ND
1400-1500	-daily-	East Europe	7500 & 9400 S100/030, 1224	DX-MIX px in Bulgarian will be on air:			
1400-1500	-daily-	Central Asia	12000 P250/045	1345-1400	Sun	1224 11700 15700	
1600-1630	-daily-	East Europe	7500 S100/030, 9400 S100/030	1945-2000	Sun	7400 9700	
1800-1900	-daily-	East Europe	7500 S100/030, 9400 S100/030	DX-MIX px in Russian will be on air:			
2300-2400	-daily-	Central Asia	13600 P250/045	1445-1500	Sat	1224 7500 9400 12000	
SERBIAN / e-mail: serbian@bnr.bg							
0600-0630	Mon-Fri	Balkans	7200 P250/248, 1224	1615-1630	Sat	7500 9400	
0700-0800	Sat/Sun	Balkans	7200 P250/248, 1224	1845-1900	Sat	7500 9400	
1130-1200	-daily-	Balkans	7200 P250/248	2345-2400	Sat	13600	
1700-1730	-daily-	Balkans	7200 P250/248, 1224, 747	0345-0400	Sun	1224 7500 9400	
2100-2200	-daily-	Balkans	5900 P250/248, 1224, 747	0515-0530	Sun	7500 9400	
SPANISH / e-mail: spanish@bnr.bg							
0100-0200	-daily-	South America	9500 P250/245, 11500 P250/258	1045-1100	Sun	11600 13600	
0100-0200	-daily-	Central America	9400 P250/295	Tx Locations:			
0600-0630	-daily-	South Europe	13700 P250/292, 15700 P250/260	MM: Petritch	(G.C: 41N42/023E18):	747 kHz 500 kW / non-dir	
1100-1130	-daily-	South Europe	11600 P250/260, 13600 P250/292	Vidin	(G.C: 43N49/022E40):	1224 kHz 500 kW / 205 deg	
1630-1700	-daily-	South Europe	15700 P250/260, 17500 P250/292	SW: P=Plovdiv	(G.C: 42N10/024E42):	2 x 500 kW, 3 x 250 kW	
2100-2200	-daily-	South Europe	11800 P250/292, 13800 P250/260	S=Sofia	(G.C: 42N49/023E13):	2 x 100 kW, 2 x 050 kW	
				V=Varna	(G.C: 43N03/027E40):	2 x 100 kW	

(OBSERVER #356 Ivanov and Datzinov, via WB; 2005 Mar 22)

**CHINA (Peoples Rep.):** CRI is offering a series of six new QSL cards featuring six endangered species of China, including the Bactrian camel, the stump-tailed macaque, and the goitred gazelle. CRI will send one type of card each month starting this March for the next six months for correct reception reports from listeners. The QSL card for March has a picture of a very cute and very small pigmy loris (only about 22 centimetres). (EDXP Gautam Kumar Sharma via BP; March 19, 2005)

**CHINA (TAIWAN):** *Radio Taiwan International* A05 Schedule valid from March 27, 2005-October 30, 2005. Address: Central Broadcasting System, No.55 Pei An Road Taipei, Taiwan. WWW: <<http://www.cbs.org.tw>>.

DRM English stream: 9770kHz, Friday UTC 1500-1600 via Rampisham, UK

Mandarin	Days	Area	KHz	Site	kW	2300-0400	daily	CHN	15245	TWN	100
0000-0500	daily	CHN	11640	TWN	100	2300-0300	daily	CHN	9660	TWN	100
0100-0200	daily	SAM	15215, 17845	WYFR	100	2300-0500	daily	CHN	1422	TWN	50
0200-0500	daily	SeA	15290	TWN	250	Hokkien	Days	Area	kHz	Site	kW
0400-0500	daily	CHN	1008	TWN	600	0000-0100	daily	wNA	15440	WYFR	100
0400-0500	daily	wNA	5950,9680	WYFR	100	0000-0200	daily	SeA	11875	TWN	250
0400-0500	daily	SeA	15270,15320	TWN	100	0500-0700	daily	CHN	1008	TWN	600
0500-0600	daily	CAM	9505	WYFR	100	0500-0700	daily	SeA	15580	TWN	100
0600-1000	daily	CHN	11795	TWN	100	0500-0700	daily	CHN	1422	TWN	50
0900-1500	daily	CHN	1422	TWN	50	0900-1000	daily	CHN	15465	TWN	100
0900-1600	daily	CHN	603	TWN	1000	0900-1100	daily	SeA	1206	TWN	100
0900-1000	daily	SeA	11635, 15525, 11940	TWN	100	1000-1100	daily	NeA	11605	TWN	250
0900-1000	daily	SeA	11605	TWN	250	1200-1300	daily	SeA	11715	TWN	250
0900-1000	daily	Australasia	11715	TWN	250	1300-1400	daily	SeA	15465	TWN	100
0900-1100	daily	CHN	9415	TWN	100	1300-1400	daily	SeA	11635, 15465	TWN	100
0900-1800	daily	CHN	1008	TWN	600	2100-2200	daily	eNA	13695	WYFR	100
0900-1400	daily	CHN	11640	TWN	100	Cantonese	Days	Area	kHz	Site	kW
0900-1500	daily	CHN	6085	TWN	300	0100-0200	daily	wNA	15440	WYFR	100
0900-1800	daily	CHN	11665	TWN	300	0100-0200	daily	SeA	15290	TWN	250
0900-1800	daily	CHN	7185	TWN	100	0100-0200	daily	eNA	5950	WYFR	100
1000-1200	daily	SeA	1503	TWN	600	0200-0300	daily	SeA	15610	TWN	100
1100-1200	daily	Australasia	11715	TWN	250	0500-0600	daily	SeA	15320	TWN	100
1100-1500	daily	CHN	9780	TWN	100	0500-0600	daily	wNA	5950	WYFR	100
1100-1500	daily	CHN	11780	TWN	300	0500-0600	daily	cNA	9680	WYFR	100
1100-1800	daily	CHN	9680	TWN	100	1000-1100	daily	SeA	11635, 15525	TWN	100
1200-1300	daily	SeA	15465	TWN	100	1000-1100	daily	Australasia	11715	TWN	250
1200-1300	daily	NeA	11605	TWN	250	1000-1200	daily	SeA	15270	TWN	100
1200-1800	daily	CHN	1521	TWN	400	1100-1300	daily	CHN	1206	TWN	100
1300-1330	daily	SeA	1503	TWN	600	1200-1400	daily	CHN	6105	TWN	100
1300-1400	daily	SeA	15265	TWN	250	1200-1400	daily	SeA	11915	TWN	250
1300-1500	daily	SeA	7445	TWN	100	2200-2300	daily	Eu	11565	WYFR	100
1300-1800	daily	CHN	1098	TWN	250	Hakka	Days	Area	kHz	Site	kW
1400-1800	daily	CHN	6145,7130	TWN	100	0000-0100	daily	eNA	5950	WYFR	100
1600-1700	daily	SeA	1503	TWN	600	0200-0300	daily	wNA	15440	WYFR	100
1900-2000	daily	Eu	9565	TWN	250	0300-0400	daily	SeA	15610	TWN	100
1900-2000	daily	Eu	17750	WYFR	100	1000-1200	daily	CHN	6105	TWN	100
2200-2300	daily	Eu	3965	Issoudun	250	1100-1200	daily	SeA	15465	TWN	100
2200-2400	daily	SeA	11635	TWN	100	1100-1200	daily	SeA	11635	TWN	100
2200-2400	daily	CHN	11710	TWN	300	1300-1400	daily	SeA	15175	TWN	100
2200-2400	daily	CHN	6105	TWN	100	1400-1500	daily	SeA	11915	TWN	250
2200-2400	daily	wNA	15440	WYFR	100	1600-1700	daily	SeA	11875	TWN	250
2200-2400	daily	eNA	5950	WYFR	100	English	Days	Area	kHz	Site	kW
2300-2400	daily	SeA	9785	TWN	250	0200-0300	daily	NeA	15465	TWN	100
2200-2400	daily	CHN	6150	TWN	100	0200-0300	daily	SeA	11875	TWN	250
2200-0500	daily	CHN	11885	TWN	100	0200-0300	daily	cNA	9680	WYFR	100

0200-0300	daily	eNam	5950	WYFR	100	1100-1200	daily	eRUS	11985	TWN	100
0300-0400	daily	SeA	15320	TWN	100	1300-1400	daily	wRUS	11935	TWN	250
0300-0400	daily	SAm	15215	WYFR	100	1700-1800	daily	wRUS	11885	Issoudun	500
0300-0400	daily	wNam	5950	WYFR	100	Japanese	Days	Area	kHz	Site	kW
0700-0800	daily	wNam	5950	WYFR	100	0800-0900	daily	NeA	11605	TWN	250
0800-0900	daily	SeA	9610	TWN	250	1100-1200	daily	NeA	11605	TWN	250
1100-1200	Thurs	SeA	747	TWN	250	1100-1200	daily	NeA	7130	TWN	50
1100-1200	Thurs	CHN	927	TWN	400	1300-1400	daily	NeA	9635	TWN	250
1100-1200	daily	SeA	7445	TWN	100	1300-1400	daily	NeA	7130	TWN	50
1200-1300	daily	NeA	7130	TWN	50	Vietnamese	Days	Area	kHz	Site	kW
1400-1500	daily	SeA	15265	TWN	250	0900-1000	daily	SeA	15270	TWN	100
1600-1700	daily	CHN, SAs	11815	TWN	100	1100-1200	daily	CHN	1521	TWN	400
1800-1900	daily	Eu	3965	Issoudun	250	1300-1400	daily	CHN	1206	TWN	100
2200-2300	daily	Eu	15600	WYFR	100	1500-1600	daily	SeA	11915	TWN	250
French	Days	Area	kHz	Site	kW	2200-2300	daily	SeA	9785	TWN	250
0700-0800	daily	Eu	7520	WYFR	100	Thai	Days	Area	kHz	Site	kW
1900-2000	daily	Eu	6045	Skelton	250	0600-0700	daily	SeA	15270	TWN	100
2000-2100	daily	Eu	9635	TWN	250	1400-1500	daily	SeA	747	TWN	250
2000-2100	daily	Eu	18930	WYFR	100	1400-1500	daily	CHN	927	TWN	400
2000-2100	daily	eNam	13695	WYFR	100	1400-1500	daily	SeA	15465,11635	TWN	100
2100-2200	daily	Af	9635	Issoudun	500	1500-1600	daily	SeA	1503	TWN	600
Spanish	Days	Area	kHz	Site	kW	1500-1600	daily	SeA	7445	TWN	100
0200-0300	daily	SAm	15215, 17845	WYFR	100	2200-2300	daily	SeA	1503	TWN	600
0400-0500	daily	cNam	11740	WYFR	100	2200-2400	daily	SeA	7445	TWN	100
0600-0700	daily	wNam	5950	WYFR	100	2300-2400	daily	CHN	927	TWN	400
2000-2100	daily	Eu	5975	Juelich	100	Indonesian	Days	Area	kHz	Site	kW
2300-2400	daily	SAm	15130, 17805	WYFR	100	0400-0600	daily	CHN	927	TWN	400
German	Days	Area	kHz	Site	kW	1000-1200	daily	SeA	11550	TWN	250
0600-0700	daily	Eu	7520	WYFR	100	1000-1200	daily	SeA	11520	TWN	100
1800-1900	daily	Eu	9565	TWN	250	1200-1300	daily	CHN	927	TWN	400
1900-2000	daily	Eu	6185	Skelton	300	1200-1300	daily	SeA	7445, 11635	TWN	100
2100-2200	daily	Eu	18930	WYFR	100	1400-1500	daily	SeA	11875	TWN	250
Russian	Days	Area	kHz	Site	kW	1500-1600	daily	CHN	1422	TWN	50

RELAYED VIA: WYFR, USA; Skelton, UK; Issoudin, France; Juelich, Germany.  
(Joy Wang - Coordinator International Affairs RTI, via JKB, 17 March 2005)

**ECUADOR:** Broadcast schedule of Protestant evangelical international broadcaster *Voice of the Andes - HCJB*. Mailing Address: HCJB World Radio, Casilla 17-17-691, Quito, Ecuador, Fax: +593-2-2267263. Frequency Manager: Douglas Weber, <dweber@hcjb.org.ec>, Fax +593 2 226 4765. For mailed reports to Australian Site Kununurra, please post to: The Voice of the Great Southland, GPO Box 691, Melbourne 3001, Australia or E-Mail to: Reports to: <english@hcjb.org.au>. Please include one International Reply Coupon to help cover mailing costs. (JKB)

Schedule A05, 28 March 2005 - 30 October 2005:

Begin	End	KhZ	KW	Deg.	Target	SMTWTF5	2300	2400	12020	50	100	Brazil	1111111
COFAN							2400	0230	12020	100	100	Brazil	1111111
1100	1130	6050	50	18/172	S.America	1111111	QUICHUA						
ENGLISH							0830	1000	6125	100	155	S.America	1111111
1100	1330	12005	1	330/124	N/S America	1111111	0800	1100	690	50	000/180	Ecuador	1111111
1100	1330	21455	1	35/225	Eur./S.Pacific	1111111	0830	1200	3220	8	90Vert.	S.America	1111111
GERMAN (High)							0830	1300	6080	8	90Vert.	S.America	1111111
0230	0300	9785	100	324	Mexico	1111111	0930	1100	21455	1	35/225	Eur./S.Pacific	1111111
0500	0530	9780	100	42	Europe	1111111	2100	0300	6080	8	90Vert.	S.America	1111111
0500	0530	21455	1	35/225	Eur./S.Pacific	1111111	2130	2400	9745	100	155	S.America	1111111
2300	2400	12040	100	150	S.America	1111111	0000	0300	3220	8	90Vert.	S.America	1111111
GERMAN (Low)							SPANISH						
0200	0230	9785	100	324	Mexico	1111111	0100	0500	9745	100	325	Mexico	1111111
0530	0600	9765	100	42	Europe	1111111	1100	0500	690	50	000/180	Ecuador	1111111
0530	0600	21455	1	35/225	Eur./S.Pacific	1111111	1100	1500	6050	50	18/172	S.America	1111111
2230	2300	12040	100	150	S.America	1111111	1100	1300	11960	100	355	Cuba	1111111
HUARANI							1100	1500	11760	100	150	S.America	1111111
1030	1100	6050	50	18/172	S.America	1111111	1300	1500	9745	100	323	Mexico	1111111
PORTUGUESE							1330	1500	21455	1	35/225	Eur./S.Pacific	1111111
0800	0930	9745	100	100	N.Brazil	1111111	1900	0500	6050	50	18/172	Ecuador	1111111
0800	0930	21455	1	35/225	Eur./S.Pacific	1111111	2000	0500	21455	1	35/225	Eur./S.Pacific	1111111
1530	1800	15295	100	139	Brazil	1111111	2100	2300	11710	100	150	S.America	1111111
2300	0230	11920	100	126	Brazil	1111111	2300	0100	11710	100	157/330	N/S America	1111111

Note: HCJB's shortwave broadcast schedule also includes these programs transmitted from these locations:

Begin	End	KhZ	KW	Deg.	Target	SMTWTF5	Relay Tx	1430	1600	15390	100	307	South Asia	1111111	Australia
English								2230	2400	15525	100	340	East Asia	1_____1	Australia
0000	0100	15525	100	340	East Asia	1111111	Australia	Bahasa Indonesian							
0100	0230	15560	100	307	South Asia	1111111	Australia	1300	1330	15405	100	307	SE Asia	1111111	Australia
0230	0300	15560	100	307	South Asia	1_____	Australia	Chinese (Mandarin)							
0700	1000	11750	50	120	South Pacific	1111111	Australia	2230	2400	15525	100	340	East Asia	_11111_	Australia
1000	1300	15425	100	307	SE Asia	1111111	Australia	Hindi							
1230	1300	15405	100	307	SE Asia	1111111	Australia	1400	1415	15405	100	307	South Asia	1111111	Australia
1330	1400	15405	100	307	South Asia	1_____	Australia	1415	1430	15405	100	307	South Asia	1_____	Australia

Punjabi	1415 1430 15405 100 307	South Asia	_1____	Australia	Former Soviet Union Languages	1600 1630 11760 500 62	Russia & CIS	1111111	U.K.
Nepali	1415 1430 15405 100 307	South Asia	_1____	Australia	Southern Uzbek	1545 1600 1251 100	Russia & CIS	11__11	
Malayalam	1415 1430 15405 100 307	South Asia	_1____	Australia	Uzbek	1545 1600 1251 100	Russia & CIS	_111__	
Chhattisgarhi	1415 1430 15405 100 307	South Asia	____1__	Australia	Turkmen	1600 1615 1251 100	Russia & CIS	1111111	
Hmar	1415 1430 15405 100 307	South Asia	____1__	Australia	Arabic	2100 2230 12025 250 150	N. Africa	1111111	U.K.
Meetei	1415 1430 15405 100 307	South Asia	____1__	Australia	Low German	1600 1630 3955 100	Omni W/C Europe	1111111	Germany
Urdu	0230 0300 15560 100 307	South Asia	_111111	Australia	High German	1630 1700 3955 100	Omni W/C Europe	1111111	Germany
	1330 1400 15405 100 307	South Asia	_111111	Australia					

(Alokesh Gupta to CUMBRE DX via WDXC-HQ, March 22, 2005)

**ISRAEL: KOL ISRAEL** Shortwave broadcasting from March 27 to October 8, 2005. Postal address: KOL, Israel Radio International, PO Box 1082, Jerusalem 91010, Israel. Fax: +972-2-302327. KOL website: <<http://www.israelradio.org>> and for correspondence regarding reception problems send to: Raphael Kochanowski, Director of Engineering Liaison and Coordination (email to <[raphaelk@iba.org.il](mailto:raphaelk@iba.org.il)>). [awful HTML format of their web page, can't often locate which program belongs to which time and/or frequency or targets. Ed.]

Language (Network)UTC	kHz	Main Target Area			
Hebrew	0400-0500	9345	Europe + N. America	(REQA)	1715-1730 15640
	0500-0930	17535			9345
(Reshet Bet - Second Network)	1030-1400	17535			1945-2000 15640
	2000-2100	15640			11605
	2100-2300	11585		(Hei)	9345 S.Europe + Latin America
	2300-0330	9345		Spanish & Ladino	1500-1525 17535 Europe + N. America
Arabic	0255-2110	5915	Middle East	Saturday only	
(Reshet Dalet - Fourth Network)					15640
English	0330-0345	11605^	Europe + N. America	(Hei)	11605 Spain + Latin America
(REQA)		7545+		Ladino	0945-1000 15640 Europe + N. America
		9345		(REQA+Hei)	
		17600	Australasia & S.America		17535
(REQA)	0930-0945	15640	Europe + N. America		1545-1600 17535
		17535			15640
(REQA)	1730-1745	15640	Europe + N. America	(Hei)	11605
		9345		Russian	1500-1525 17535 Russia
	1900-1925	15640	Europe + N. America	(REQA+Hei)	(Friday only) 15640
		11605			2000-2100 11585
(Hei)		15615	Africa	(REQA+Hei)	9345
French	0345-0400	11605^	Europe + N. America	Persian	1400-1525 Su-Th 17525 Iran ~
(REQA)					15640
(REQA)		7545+		(Hei)	1400-1500 Fr-Sa and holidays
		9345			17535 Europe + N. America
	1000-1015	15640	Europe + N. America	Yiddish	1600-1625 9345 Central Europe
(Hei)		17535		(REQA+Hei)	11605 Europe + N. America
	1530-1545	17535	Europe + N. America		15640
		15640		Hungarian	1645-1700 11605 Central Europe
		11605		(Hei)	15640
(REQA)	1700-1715	15640	Europe + N. America		9345
		9345			1845-1900 11605
	1930-1945	15640	Europe + N. America	(REQA+Hei)	15640
		11605			9345
(Hei)		9345	S.Europe, N.Africa + C. America	Amharic and Tigre	1800-1845 11605 Europe + N. America
Spanish	1000-1015	15640	Europe + N. America	(REQA + Hei)	9345 Southern Europe
(REQA)				Romanian	1625-1645 9345 Romania
					11605
				(Hei)	15640

Subject to the IBA governing plenum deciding to continue shortwave transmission after June 30, 2005.

^ May to August

+ April, September, October

~ Reserve frequencies 11605, 13850 kHz

(IBA web site last modified on 20 March 2005, via JKB)

**JAPAN: Radio Japan - NHK World**, schedule in A05 season. Address: NHK World, Radio Japan, Tokyo 150-8001, Japan.

Email: <[info@intl.nhk.or.jp](mailto:info@intl.nhk.or.jp)>, Web: <<http://www.nhk.or.jp/nhkworld>>.

External Schedule:

Southeast Asia	0500-0600	17810	English
0000-0015	13650, 17810	English	0600-0700 11740 (6) English
0100-0200	17810, 11860(6)	English	1000-1200 9695 English



1400-1600	7200	English	1400-1500	11840 (5)	English
0600-0630	17860	Chinese	2100-2200	6035 (6)	English
1200-1230	11740 (6)	Chinese	North America		
2240-2300	13650	Chinese	0000-0100	6145 (7)	English
2340-0000	13630, 17810	Chinese	0100-0200	17825	English
0930-1000	9695	Indonesian	0500-0600	6110 (7)	English
1130-1200	13660	Indonesian	0600-0700	13630	English
1230-1300	13660	Indonesian	1000-1200	6120 (7)	English
2300-2320	17810	Indonesian	1500-1600	9505	English
2340-0000	13650	Indonesian	1700-1800	9535	English
1200-1230	13660, 9695	Malay	2100-2200	17825	English
1300-1330	9695	Malay	Hawaii		
2240-2300	17810	Malay	0600-0700	17870	English
1130-1200	11740 (6)	Thai	2100-2200	21670	English
1330-1400	7200	Thai	Central America		
2300-2320	13650	Thai	0100-0200	17825	English
1100-1130	13660	Vietnamese	0600-0700	13630	English
1230-1300	11740 (6)	Vietnamese	1500-1600	9505	English
2320-2340	17810	Vietnamese	1700-1800	9535	English
1030-1100	11740 (6)	Burmese	0500-0530	11895 (9)	Spanish
1230-1300	9695	Burmese	1000-1030	9540	Spanish
2320-2340	13650	Burmese	South America		
Asian Continent			0100-0200	11935 (8)	English
0100-0200	17845	English	0230-0300	9660 (9)	Portuguese
0500-0700	15195	English	1030-1100	9530 (9)	Portuguese
0600-0700	11715*, 11760*	English	0400-0430	9660 (9)	Spanish
1000-1200	11730	English	1000-1030	9530 (9), 9710	Spanish
1500-1600	6190	English	Middle East & North Africa		
0330-0400	17845	Russian	0100-0200	5960 (1), 17560	English
0530-0600	11715*, 11760*	Russian	1000-1100	17720 (4)	English
0800-0830	6145*, 6165*	Russian	0230-0300	17780 (5)	Persian
1330-1400	6190	Russian	0830-0900	17675 (5)	Persian
1900-1920	5955*	Russian	0400-0430	17780 (5)	Arabic
0430-0500	17845	Korean	0700-0730	15220 (2)	Arabic
0530-0600	17845	Korean	0500-0530	17820 (5)	French
1115-1145	6090	Korean	1630-1650	11785	French
1230-1300	6190	Korean	Africa		
1440-1430	6190	Korean	1700-1800	15355 (3)	English
2210-2230	9560	Korean	2100-2200	11855 (2)	English
0400-0430	17845	Chinese	0330-0400	6135 (2)	Swahili
0500-0530	17845	Chinese	1300-1330	17870 (2)	Swahili
1200-1230	6190	Chinese	1230-1300	17870(2),15400(2)	French
1300-1330	6190	Chinese	1800-1820	9685, 11785	French
1430-1500	6190	Chinese	0400-0430	17780 (5)	Arabic
2230-2250	9560	Chinese	0700-0730	15220 (2)	Arabic
*Far East	Russia		Europe		
Southwest	Asia		0500-0600	5975 (1)	English
0100-0200	15325	English	0500-0700	7230 (1)	English
1400-1600	11730	English	1000-1100	17585 (4)	English
0630-0700	11890 (5),15590	Bengali	1700-1800	11970	English
1230-1300	11890 (5)	Bengali	2100-2200	6055 (1),6180 (1)	English
0700-0730	11890 (5),15590	Hindi	0430-0500	11970 (3)	Russian
1300-1330	11890 (5)	Hindi	1130-1200	11710 (1)	Russian
0730-0800	11890 (5),15590	Urdu	1840-1900	11970	Russian
1330-1400	11890 (5)	Urdu	0530-0545	11970 (3)	Italian
Oceania			1030-1045	21820 (3)	Italian
0100-0200	17685	English	0600-0630	11970 (3)	German
0300-0400	21610	English	1100-1130	11710 (1),9660(1)	German
0500-0700	21755	English	0545-0600	11970(3)	Swedish
1000-1100	21755	English	1045-1100	21820 (3)	Swedish

0500-0530	11970 (3)	Spanish	(2) Ascension Island
1820-1840	11970	Spanish	(3) Gabon
0630-0700	11970 (3)	French	(4) UAE
1800-1820	11970	French	(5) Sri Lanka
			(6) Singapore
			(7) Canada
			(8) Bonaire Island
			(9) French Guiana

Relay Stations:  
(1) United Kingdom

Japanese Schedule:

<u>Southeast Asia</u>		1500-1700	9535
0200-0300	11860 (SNG)	2200-2300	17825
0200-0500	17810	<u>Hawaii</u>	
0700-0900	17860	0700-0800	17870
0700-1000	11740 (SNG)	0800-1000	9825
0900-1600	11815	1700-1900	9835
1600-1900	7200	<u>Central America</u>	
2000-2200	11665	0300-0500	17825
2000-0000	13680	0800-1000	9540
<u>Asian Continent</u>		1500-1700	9535
0200-0300	17845	2200-2300	11895 (Fr.Guiana)
0200-0500	15195		17825
0700-0800	15195	<u>South America</u>	
	6145 (Far East,	0200-0300	11935 (Bonaire)
	6165 Russia)	0300-0400	9660 (Fr.Guina)
0800-1700	9750	0800-1000	9530 (Fr.Guina)
1600-1900	6035		9825
2000-2100	6165	1700-1800	21600 (Fr.Guiana)
2000-0000	11910	1700-1900	9835
2100-2200	9560	2200-2300	15220 (Ascension)
<u>Southwest Asia</u>		2300-0000	17605 (Bonaire)
0200-0500	15325	<u>Mid. East &amp; North Africa</u>	
0800-1000	15590	0300-0500	17560
1500-1700	12045 (SNG)	0800-1000	17720 (UAE)
1700-1800	11865 (SNG)	1700-1900	13740 (UAE)
<u>Oceania</u>		2200-2300	9650 (UAE)
0300-0500	17685	<u>Africa</u>	
0700-1000	11920 (SNG)	0800-1000	17650 (Ascension)
	21755	1500-1700	21630 (Ascension)
1700-1900	7140	1800-1900	15355 (Gabon)
1900-2100	6035 (SNG)	<u>Europe</u>	
2200-2300	11770 (SLN)	0800-1000	11710 (UK)
<u>North America</u>		1700-1800	9750 (UK)
0200-0500	5960 (CAN)	1700-1900	6175 (UK)
0300-0500	17825	2000-2100	11970
0800-1000	9540	2200-2300	6115 (UK)
1300-1500	11705 (CAN)		

(Monitoring Section, Radio Japan via Md. Azizul Alam Al-Amin to hard-core-dx via WDXC-HQ, 17 Mar 2005)

**KOREA (SOUTH) :** *KBS World Radio* broadcasts in 11 different languages on a total of 26 frequencies targeting 8 directions Europe, North America, South America, Southeast Asia, Middle East & Africa, China, Japan and Non Direction. Latest A05 schedule:

<u>Europe</u>		Russian	1600-1700	9515
Korean 1	0900-1100		1800-1900	7275, 15360
	1600-1800		1900-2000	9515
	1700-1900		2000-2100	7275
Korean 2	0700-0800	English 1	0800-0900	9640
	0900-1000		1900-2000	7275

English 2	2100-2130	3955 (Skelton)	Korean 1	1600-1800	15575 (new)
	1430-1500	9770 (DRM)		1700-1900	7150
		[Skelton?]		1800-2000	9870
French	0800-0900	15210	Arabic	1900-2000	15365, 15575
	1900-2000	6145		2000-2100	7150 (new)
German	0700-0800	15210	English 1	1600-1700	9870
	2000-2100	3955 (Skelton)	French	1600-1700	7150
Spanish	0700-0800	13670		1700-1800	9870 (new)
	1000-1100	15210		1800-1900	15575 (new)
	2000-2100	9515	Russian	1900-2000	7150
	0600-0630	6045 (Sackville)	China		
North America			Chinese	1130-1230	6065
Korean 2	0100-0200	15575		2100-2200	9580
	1000-1100	9650 (Sackville)		2300-2400	7275
English 1	0200-0300	9560 (RCI), 15575	Japan		
	1200-1300	9650 (Sackville)	Japanese	0000-0100	11810
South America				0800-0900	5975, 7275
Korean 2	0300-0400	11810		1100-1200	7275
English 1	0200-0300	11810		1200-1300	5975, 6135, 1170 (MW)
Spanish	1000-1100	9580		1400-1500	5975, 7275
	0100-0200	11810	Non Direction		
	1100-1200	11795 (Sackville)	Korean 1	0900-1100	5975, 7275
Southeast Asia				1700-1900	5975
Korean 1	0900-1100	9570		2100-2300	5975
English 1	0800-0900	9570	Korean 2	1000-1100	1170 (MW)
	1300-1400	9570, 9770		1200-1300	275
Indonesian	1200-1300	9570	Chinese	1300-1400	5975, 6135, 1170 (MW),
	1400-1500	9570			7275
	2200-2300	9805		2000-2100	5975
	2400-0100	9805		2300-2400	5975
Chinese	2300-2400	9805	Russian	1100-1200	5975, 6135, 1170 (MW)
	1200-1300	9770	English 1	1600-1700	5975
Vietnamese	1500-1530	9640 (new)		1900-2000	5975
Middle East & Africa					

(via John Norfolk, dxldyg via DXLD #5-056; March 30, 2005)

**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 programs that are broadcast are News, News Commentary, Economy, Current Affairs, Drama, Entertainment, Sports and live coverage of public affairs programs. Voice of Malaysia broadcast 28.5 hours of programmes a day transmitting to Indonesia, Australia, New Zealand, China, Japan, Hong Kong, Taiwan, Philipines, 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)

RTM A05, effective from 27 March 2005 until 30 Oct 2005 (All Daily):

FREQ	STRT	STOP	CIRAF	LOC	PWR	AZI	SLW	ANT	LANG										
3385	2200	1500	54	MIR	10	0	0	751	Local	5005	2200	1500	54NE	SIB	10	0	0	751	Local
4845	0000	2400	54	KAJ	100	0	0	926	Tamil	5030	2200	2400	54NE	STA	10	0	0	751	Local
4895	2200	0100	54NE	STA	10	0	0	751	Local	5965	0000	2400	54	KAJ	100	0	0	926	Malay
4895	0800	1500	54NE	STA	10	0	0	751	Local	5980	2200	1500	54NE	TUA	10	0	0	751	Local
4970	2100	1800	54NE	TUA	10	0	0	751	Local	6025	0200	1700	54	KAJ	100	0	0	926	LocalMalay
										6050	2200	1500	54NE	SIB	10	0	0	751	Local

6060	0400	1500	54NE	MIR	10	0	0	751	Local	7295	0000	2400	54	KAJ	100	0	0	926	English
6100	1300	1530	54NE	KAJ	100	343	0	805	Thai/Bur	9750	0300	0830	54SE	KAJ	100	150	0	145	English
6175	0300	0830	54	KAJ	100	0	0	926	English	9750	1000	1900	54SE	KAJ	100	150	0	145	Indo/Malay
6175	1000	1900	54	KAJ	100	0	0	926	IndoMalay	11885	1030	1230	44N,45NW	KAJ	100	25	0	218	Chinese
7130	0400	0600	54NE	STA	10	0	0	751	Local	15295	0300	1230	55,58-60	KAJ	250	133	0	218	Eng/Chin
7270	0800	1500	54	STA	100	45	0	101	Local	15295	1530	1900	39	KAJ	250	295	0	218	Arab/Malay

(Alokesh Gupta via WDXC-HQ, 9 March 2005)

**PAKISTAN: Pakistan Broadcasting Corporation - PCB HF Broadcast Schedule A05, from March 27th, 2005 to October 29th, 2005.**

Language	khz	UTC	Target	Turkish	15725	1630-1700	38, 39
Far East				Irani	9324	1715-1800	40
Chinese	11570	1200-1230	41, 42, 43, 44, 45	Irani	11550	1715-1800	40
Chinese	15070	1200-1230	41, 42, 43, 44, 45	Arabic	9340	1815-1900	37-39
South East Asia				Arabic	11550	1815-1900	38, 39, 46, 47
Urdu	11580	0045-0215	41,44,45,49,50,51,54,55,59	Urdu	11570	0500-0700	37-39
Urdu	15485	0045-0215	41,44,45,49,50,51,54,55,59	Urdu	15100	0500-0700	37-39
South Asia				Urdu	17835	0500-0700	38, 39, 46, 47
Assami	9340	0045-0115	41	Urdu	11570	1330-1530	37-39
Assami	11565	0045-0115	41	Urdu	15100	1330-1530	37-39
Bangla-1	9340	0115-0200	41	English	11570	1600-1615	37-39
Bangla-1	11565	0115-0200	41	English	15100	1600-1615	38, 39, 46, 47
Bangla-2	15625	1200-1245	41	Urdu	9324	1800-1900	40
Bangla-2	17484	1200-1245	41	Urdu	7570	1915-0045	38, 39, 46, 47
Hindi-1	9340	0215-0300	41	East / South East Africa			
Hindi-1	11565	0215-0300	41	English	11850	1600-1615	48s, 52, 53, 57
Hindi-2	9340	1100-1145	41	English	15725	1600-1615	48s, 52, 53, 57
Hindi-2	11565	1100-1145	41	Urdu	15100	0800-1104	17, 18SE, 27-29
Gujrati	9340	0400-0430	41	West Europe			
Gujrati	11565	0400-0430	41	Urdu	17835	0800-1104	17, 18SE, 27-29
Tamil-1	11565	0315-0345	41	Urdu	9390*	1700-1900	17, 18SE, 27-29
Tamil-1	15625	0315-0345	41	Urdu	11570	1700-1900	17, 18SE, 27-29
Tamil-2	15625	0945-1015	41	Afghanistan, CIS & Russia			
Tamil-2	17495	0945-1015	41	Turki	5860	1330-1400	39NE, 40
Sinhali	15625	1015-1045	41	Turki	6060	1330-1400	39NE, 40
Sinhali	17495	1015-1045	41	Dari	5860	1515-1545	39NE, 40
Nepali	15625	1245-1315	41	Dari	7375	1515-1545	39NE, 40
Nepali	17484	1245-1315	41	Russian	9340	1415-1445	29, 30E
Middle East, Iran,Turkey & N/ West Africa				Russian	11585	1415-1500	29, 30E
Turkish	11565	1630-1700	38, 39	Pushto	6060	1500-1545	39E, 40

\* Frequency 9390 kHz will be replaced with 15100 kHz on 1st June, 2005

(Iftikhar Malik - Engineering Manager PBC Headquarters via Alokesh Gupta, via WDXC-HQ, March 26, 2005)

**PHILIPPINES: Radio Veritas Asia**, Manila, is operated by the Roman Catholic church. Radio Veritas Asia started broadcasting in Cantonese on January 1, 2000. TX Site: The Roman-Catholic station operates two 250-kW-transmitters from Palauig (Zambales 119.5 degr O; 15.28 degr N). Address: Radio Veritas Asia, PO Box 2642, Quezon City 1166, Philippines. Fax: +63-2-939-7556. Radio Veritas Asia, P. O. Box 2642, Quezon City, 1166 Philippines. At Internet <<http://www.radio-veritas.org.ph>> and e-mail <[info@radio-veritas.org.ph](mailto:info@radio-veritas.org.ph)>.

(JKB)

Radio Veritas Asia A05 (From March 27, 2005):

Transmitting Station: Palauig, Zambales

Geographical Location: 11950 E; 1528 N

Transmitters: 3x 250 KW

Antenna Type: 3x HRS 4/4/0.3

4x HRS 4/4/0.5

8x HR 2/2/0.5

Lang.	UTC	Khz	Kachin	2330-2357	9625
Bengali	0030-0057	11770		1230-1257	15225
	1400-1430	11875	Karen	0000-0027	11795
Hindi	0030-0057	11790		1200-1230	15225
	1330-1400	11875	Mandarin	2100-2257	6110
Hmong	1000-1027	11780		1000-1157	9720
	Indonesian	2300-2327	9505	Burmese	2330-2357
2300-2327		11820		1130-1157	15450
	1200-1227	11795	Filipino	2300-2327	7180

Filipino	1500-1530	9695			1430-1457	9565
Filipino	1530-1600	9695		Urdu	0100-0127	15300
	(Wed, Fri & Sun Ext.)				0100-0127	17860
Russian	0130-0230	17830			1430-1457	11875
	1500-1600	9570		Vietnamese	2330-2357	9670
Sinhala	0000-0127	11820			0130-0230	15530
	1330-1400	9565			1030-1127	11850
Tamil	0030-0057	15520			1300-1327	11850
	1400-1430	9565		Zomi-Chin	0000-0027	11895
Telugu	0100-0127	15530				

(Ashik Eqbal Tokon to Hard Core DX via WWDXC-HQ; 5 Mar 2005)

**POLAND:** Broadcasting A05 schedule (27 March To 30 October 2005) external service of *Radio Polonia*. Home page internet: <<http://www.radio.com.pl/polonia>>. Postal address: Polish Radio, P.O.Box 46, 00-977 Warsaw, Poland.

ENGLISH			1800 - 1825	7285	
1200 - 1259	11850	9525	RUSSIAN		
1700 - 1759	5965	7285	1100 - 1125	6180	7285
POLISH			1300 - 1329	7275	6035
1030 - 1059	7285	5965	1430 - 1455	7180	
1530 - 1630	6035		1800 - 1829	6095	
2100 - 2200	6050	7265	1900 - 1955	6050	7185
GERMAN			BELARUSSIAN		
1130 - 1159	9525	5965	1330 - 1430	7180	6035
1530 - 1555	7270		1630 - 1659	6050	
1930 - 1955	6110	7240	UKRAINIAN		
ESPERANTO			1430 - 1459	6000	
1500 - 1525	7270	7285	1830 - 1859	7210	6095

(via Jacek Szymik, 2005 March 29, HCDX via DXLD #5-056)

**PORTUGAL:** The A05 transmissions effective from 27 March 2005 of *RDP Internacional*, all in Portuguese. Postal address: RDP Internacional, Av. Eng. Duarte Pacheco 6, 1070 Lisboa, Portugal. Web: <<http://www.rdp.pt>>.

TARGET AREAS	UTC	kHz	BRAZIL	23.00-02.00	13660
Monday to Friday:					15295
EUROPE	05.00-07.00	7240	Saturday and Sunday:		
(CENTRAL)	07.00-07.55	9815	TARGET AREAS	UTC	kHz
	05.00-07.55	9840	EUROPE	07.00-13.55	12020
	06.45-08.00	11850	(CENTRAL)	07.00-13.45	13640
	08.00-12.00	12020		08.30-10.00	11995
	16.00-19.00	13770		14.00-18.00	15555
	16.00-19.00	11905		18.00-20.00	11700
	19.00-23.00*	9820		14.00-20.00	13770
	19.00-23.00*	13720		19.00-23.00	13720
M. EAST/INDIA	13.00-15.00	15770			9820
AFRICA	10.00-12.00	21830	AFRICA	07.00-10.00	15160
	16.00-19.00	17680		10.00-17.00	21830
	19.00-23.00*	11945		17.00-20.00	17680
USA/CANADA	12.00-23.00*	15560		19.00-23.00*	11945
VENEZUELA	17.00-23.00*	15555	USA/CANADA	12.00-20.00	15560
BRAZIL	10.00-12.00	15575		20.00-23.00	15560
C. VERDE	16.00-19.00	21655	VENEZUELA	12.00-20.00	17615
GUINEA	19.00-20.00*	21655		19.00-23.00*	15555
	20.00-23.00*	15295	BRAZIL	07.00-10.00	12000
Tuesday to Saturday:			C. VERDE	10.00-20.00	21655
USA/CANADA	23.00-02.00	9715	GUINEA	20.00-23.00*	15295
		11630			
VENEZUELA	00.00-03.00	13700			

\* = Special transmissions only

(via Alokesh Gupta converted to plain text by WWDXC-HQ; March 18, 2005)

**RUSSIA:** Radio *Voice of Russia* - Russian World service (overseas broadcasting) frequency schedule for period A05.

To EUROPE:

0100-0200 603, 936;  
 0200-0300 936;  
 1200-1300 936, 972, 999, 1431, 1548;  
 1300-1400 9480 (with  
           DRM /Digital Mode/);  
 1700-1800 603, 693, 9480\*\*, 11630\*;  
 1900-2000 1215, 5950, 7420\*\*, 9480\*\*,  
           11630\*, 11745\*;  
 2000-2100 999, 1215 kHz.

To MOSCOW Region:

1900-2000 612 kHz.

To NEAR and MIDDLE EAST:

0100-0200 648, 972, 1314, 1503, 5945;  
 1200-1300 1143;  
 1300-1400 15540;  
 1500-1600 1251, 1314, 5945, 11635,  
           12055, 15440\*;  
 1700-1800 13850, 15540;  
 1900-2000 5950, 12055;  
 2000-2100 12055\*, 7425\*\*, 5950 kHz.

To AUSTRALIA, NEW ZEALAND AND PACIFIC:

1200-1400 11670 kHz.

To NORTH AMERICA:

0100-0200 5900\*\*, 9860;  
 0100-0300 5900\*\*, 9725, 9880\*, 15425,  
           15455 kHz.

To LATIN AMERICA:

0100-0300 5900\*, 6180\*\*, 7260\*\* ,

Notes:

\*) till September 3rd; \*\*) since September 4th.

(RUS-DX #140-D via Anatoly Klepov via WDXC-HQ, March 27, 2005)

PROGRAMME "SODRUZHESTVO" [=COMMONWELTH, Ed.]. In Russian.

To Ukraina and Moldavia

0200-0300 - 1170 kHz  
 0800-0900 - 1170 kHz  
 0800-1200 - 936, 972 kHz  
 1000-1500 - 1170 kHz  
 1300-1500 - 936, 972, 999, 1548 kHz  
 1300-1600 - 1431 kHz  
 1300-1900 - 7370 kHz  
 1500-1700 - 936 kHz

To Belarus

0200-0300 - 1170 kHz  
 0800-0900 - 1170 kHz  
 1000-1500 - 1170 kHz  
 1400-1900 - 9820 kHz.

To Central Asia

0200-0300 - 648, 972 kHz  
 0200-0300 - 1503 kHz  
 1200-1900 - 1503 kHz  
 1200-1500 - 9875 kHz  
 1300-1400 - 1143 kHz  
 1300-1500 - 9920 kHz  
 1400-1800 - 9800 kHz  
 1515-1700 - 9865 kHz  
 1600-1800 - 972 kHz

12070\*;

0200-0300 5900\*, 6180\*\*, 7260\*\*, 7330,  
 12070\* kHz.

To AFRICA:

0200-0300 7330;  
 1300-1400, 1700-1800 15540 kHz.

To CENTRAL ASIA:

1200-1300 1143, 9920;  
 1300-1400 1251, 17645;  
 2000-2100 648, 972, 1503 kHz.

To SOUTH-EAST ASIA:

1200-1400 7390, 11670;  
 1300-1400 17645 kHz.

To ASIA:

1200-1300 1143, 9480, 9745, 9920, 11670;  
 1300-1400 1251, 9480, 9745, 11670;  
 1500-1600 1251, 5945, 12055 kHz.

To CAUCASIAN Region:

0100-0200 1314;  
 1500-1600 1314;  
 1900-2100 7425\*\*, 12055\* kHz.

To UKRAINE and MOLDAVIA:

0100-0300 936;  
 1200-1300 936, 972, 999, 1431, 1548;  
 1900-2000 7420\*\*, 11745\*;  
 2000-2100 999 kHz.

To BALTIC COUNTRIES:

1700-1800 9480\*\*, 11630\*;  
 1900-2000 9480\*\*, 11630\* kHz.

1600-1900 - 1026 kHz

1700-1900 - 648 kHz

To Caucasian area

0200-0300 - 1089 kHz

0400-0600 - 1089 kHz

1500-1600 - 1089 kHz

1400-1700 - 11830 kHz

1600-1900 - 234 kHz

1700-1900 - 12055 kHz

2100-2200 - 1089, 1314 kHz

To Baltic countries

0200-0300 - 1170 kHz

0800-0900 - 1170 kHz

1000-1500 - 1170 kHz

1300-1900 - 7370 kHz

1400-1900 - 9820 kHz

1800-1900 - 1494 kHz

To Europe

0200-0300 - 1170 kHz

0800-0900 - 1170 kHz

1000-1500 - 1170 kHz

1300-1500 - 1548 kHz

1800-1900 - 1494 kHz

2100-2200 - 603, 693 kHz

2100-2200 - 1323 kHz ( Fri-Tue) To Moscow region	2100-2200 - 612 kHz.
PROGRAMME "RUSSKOE MEZHDUNARODNOE RADIO" [RUSSIAN INTERNATIONAL RADIO, Ed.]. In Russian.	
To Europe	2100-2300 - 999 kHz.
0300-0400 - 1170 kHz	2300-0400 - 1170 kHz
0400-0800 - 1548 kHz	To Belarus
0600-0800 - 1170 kHz	0600-0800 - 1170 kHz
0900-1000 - 1215 kHz	1200-1700 - 1143 kHz
1200-1500 - 603, 693, 1323 kHz	1800-2100 - 1143 kHz.
1500-1700 - 1494 kHz	2300-0400 - 1170 kHz
1900-2100 - 603, 693 kHz	To Central Asia
2000-2100 - 1323 kHz	0200-0400 - 801 kHz
2100-2300 - 999, 1215 kHz	0800-0900 - 801 kHz
2300-0200 - 1170 kHz	1000-1200 - 1323, 11750 kHz
2300-0500 - 7125 kHz.	1100-1200 - 801 kHz
To North and Central America	1400-1730 - 801 kHz
2300-0500 - 7125 kHz	1600-1800 - 5925 kHz
To Middle East	1800-1900 - 1323 kHz
0300-0500 - 1170 kHz	1800-2200 - 1143 kHz
1000-1100 - 864 kHz	2300-0200 - 1026 kHz.
1000-1200 - 1323 kHz	To Caucasian area
1100-1200 - 801 kHz	0300-0400 - 1089 kHz
1400-1500 - 15430 kHz	0300-0500 - 1170 kHz
1400-1700 - 13850 kHz	1000-1100 - 864 kHz;
1400-1730 - 801 kHz	1400-1700 - 13855 kHz
1600-2000 - 1089 kHz	1900-2100 - 1314 kHz.
1700-1800 - 9835 kHz	2100-2200 - 1170 kHz
1900-2100 - 1314, 5985, 9825 kHz	To Central Asia
2000-2100 - 7260 kHz.	0300-0400 - 1170 kHz
2100-2200 - 1170 kHz	0600-0800 - 1170 kHz
To Ukraine and Moldavia	2300-0200 - 1170 kHz
0400-0800 - 1548 kHz	1200-1700 - 1143 kHz
0600-0800 - 1170 kHz	1800-2100 - 1143 kHz
1500-1900 - 972 kHz	1500-1700 - 1494 kHz.
1700-2000 - 936 kHz	

(Programme "Klub DX" # 730, Voice of Russia via RUS-DX #140-D via Anatoly Klepov via WDXC-HQ, March 27, 2005))

**SERBIA & MONTENEGRO:** *International Radio of Serbia and Montenegro - RSCG.* RSCG is an abbreviation of the station's Serbian name: Radio Srbija i Crna Gora. Programme schedule, A05 period April 04, 2005 to October 30, 2005. Address: Hilendarska 2 /IV, 11000 Beograd, Serbia and Montenegro. Fax: +381 11 32 32 014. Email: <radioyu@bitsyu.net>. WWW: <<http://www.radioyu.org>>.

Time (UTC)	Language	Target	KHz	KW	Azi					
0000-0030	ENGLISH 1 (Except Sunday)	N.AMERICA/ce EUROPE/w	9580	250	310	1900-1930 SPANISH 1 1930-2000 SERBIAN 1 (Except Saturday)	SPAIN EUROPE/w	7200 6100	250 250	250 310
0030-0100	SERBIAN (RB)	N.AMERICA/ce EUROPE/w	9580	250	310	2000-2030 GERMAN 2 (Except Saturday)	EUROPE/w	6100	250	310
0430-0500	ENGLISH 2	N.AMERICA/w EUROPE/w	9580	250	325	1930-2030 SERBIAN (spec.) (Saturday only)	EUROPE/w	6100	250	310
1300-1430	SERBIAN (RB)	EUROPE	7200	250	ND	2030-2100 FRENCH 2	EUROPE/w	6100	250	310
1430-1500	ARABIC 1	ARABIA	11800	250	130	2100-2130 ENGLISH 4	EUROPE	6100	250	ND
1500-1530	RUSSIAN 1	RUSSIA/MOSCOW	11870	250	40	2130-2200 SERBIAN 2 (Except Saturday)	AUSTRALIA	7230	250	100
1530-1545	HUNGARIAN 1	HUNGARY	6100	250	0	2130-2230 SERBIAN(spec.) (Sat. only)	AUSTRALIA	7230	250	100
1545-1600	GREEK 1	GREECE	6100	250	130	2200-2230 ENGLISH 5 (Except Saturday)	AUSTRALIA	7230	250	100
1600-1630	FRENCH 1	EUROPE/w	9620	250	310	2230-2300 CHINESE 1	CHINA	9580	250	55
1630-1700	GERMAN 1	EUROPE/w	9620	250	310	2300-2330 SPANISH 2	S.AMERICA/w	9680	250	265
1700-1715	ALBANIAN 1	ALBANIA	6100	250	180	2330-2400 SERBIAN 3 (Except Sunday)	N.AMERICA/ce EUROPE/w	9580	250	310
1715-1730	BULGARIAN 1	BULGARIA	6100	250	130	2330-0030 SERBIAN(spec.) (Sunday only)	N.AMERICA/ce EUROPE/w	9580	250	310
1730-1800	ITALIAN 1	EUROPE/w	9620	250	310					
1800-1830	RUSSIAN 2	RUSSIA/MOSCOW	6100	250	40					
1830-1900	ENGLISH 3	EUROPE/w	6100	250	310					

(RSCG schedule at the web last modified 6 Apr 2005, via JKB)

**SEYCHELLES:** The *Far East Broadcasting Association - FEBA*, a U.K. based religious

international broadcaster. FEBA Radio is a Christian evangelical broadcaster and an autonomous member of the Far East Broadcasting Company which operates Christian radio stations in various parts of the world. Postal address: FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK. Fax: +44 1903 205294, E-mail: <reception@feba.org.uk>, Website: <<http://www.feba.org.uk>>. (JKB)

Schedule A05 valid 27 March to 30 October 2005:

Time UTC	Days	Languages	kHz	code				
					0200-0245	s.....	URDU	Pakistan 12035 NVS
					0215-0230	.m...fs	PUNJABI	Pakistan 12035 NVS
					0215-0230	..tw...	POTHWARI	12035 NVS
					0230-0245	.mtwtfs	HINDKO	12035 NVS
					0200-0215	s....fs	SINDHI	6145 DHA
					0200-0215	.mtwt..	SIRAIKI	6145 DHA
					0215-0230	sm...fs	BALUCHI	6145 DHA
					0215-0230	..tw..	BRAHUI	6145 DHA
					0230-0245	smtwtfs	PASHTO	6145 DHA
					0200-0215	smtwtfs	PASHTO	9855 DHA
					0215-0245	smtwtfs	DARI	9855 DHA
					0245-0300	smtwtfs	HAZARAGI	9855 DHA
					0600-0730	....f.	PERSIAN	9660 DHA
					1530-1630	smtw.fs	PERSIAN	9850 ARM
					1530-1645	....t..	PERSIAN	9850 ARM
					1530-1645	s.....s	BALUCHI	9850 ARM
					1530-1645	.mtw...	TURKMEN	9850 ARM
					1530-1645	....f.	ENGLISH	9850 ARM
					1400-1415	smtwtfs	ENGLISH	Spotlight 9500 NVS
					1415-1500	smt.tf.	URDU	Pakistan 9500 NVS
					1415-1515	..w..s	URDU	Pakistan 9500 NVS
					1500-1515	..t....	PUNJABI	Pakistan 9500 NVS
					1500-1515	sm..tf.	BALTI	9500 NVS
					1530-1600	smtwtfs	PASHTO	7395 ARM
					1600-1630	smtwtfs	DARI	7395 ARM
					1630-1645	smtwtfs	HAZARAGI	7395 ARM
					1645-1700	smtwtfs	UZBEK	7395 ARM
							MIDDLE EAST	
					0400-0500	smtwt..	ARABIC	15530 SAM
					0400-0530	....fs	ARABIC	15530 SAM
					0445-0500	....f.	BALUCHI	Iran 6125 DHA
					0500-0530	....f.	SINHALA	6125 DHA
					0530-0630	....f.	MALAYALAM	6125 DHA
					1900-2030	smtwtfs	ARABIC	9550 KIG
							AFRICA, ETHIOPIA, SUDAN	
					1500-1530	smtwtfs	NUER	12125 MEY
					1530-1545	smtwtfs	DINKA	12125 MEY
					1545-1600	smtwtfs	MAKONDE	12125 MEY
					1600-1630	s...tfs	AMHARIC	12125 MEY
					1600-1630	.mtw...	GURAGENA	12125 MEY
					1630-1700	smtwtfs	AMHARIC	12125 MEY
					1530-1600	....tf.	AFAR	15460 MOS
					1700-1730	smtwtfs	OROMO	6180 DHA
					1633-1700	smtwtfs	AMHARIC	9885 KIG
					1700-1730	smtwtfs	SOMALI	9885 KIG
					1730-1757	smtwtfs	TIGRINYA	9885 KIG
					1830-1900	smtwtfs	FRENCH C/W Af	15130 ASC
					2145-2215	....tf.	HASSINYA/PULAAR	11985 ASC
							Tx Site Codes:	
							ARM Armavir Russia	
							ASC Ascension Island	
							DHA Dhabayya	
							ERV Yerevan Armenia	
							IRK Irkutsk Russia	
							KIG Kigali Rwanda	
							MEY Meyerton South Africa	
							MOS Mossbrunn Austria	
					0200-0215	.mt..fs	URDU	Pakistan 12035 NVS
					0200-0215	..w...	PUNJABI	Pakistan 12035 NVS
					0200-0230	....t..	URDU	Pakistan 12035 NVS
					0030-0100	s.....	HINDI	7375 TAC
					0030-0045	.mtwt..	BANGLA	7375 TAC
					0030-0045	....fs	BHOJPURI	7375 TAC
					0045-0100	.m.w.fs	HINDI	7375 TAC
					0045-0100	..t....	ORIYA	7375 TAC
					0045-0100	....t..	MAGAHI	7375 TAC
					0100-0130	smtwtfs	HINDI	9820 MOS
					0130-0145	smtwtfs	MARATHI	9820 MOS
					0115-0130	....f.	URDU	9820 MOS
					0115-0130	.....s	PUNJABI	India 9820 MOS
					1200-1230	smtwtfs	TIBETAN	15355 DHA
					1230-1300	s.t....	NEPALI	12005 TAC
					1230-1300	.....s	CHATTISGARHI	12005 TAC
					1230-1245	.m.w...	MUNDARI	12005 TAC
					1230-1245	....t..	CHATTISGARHI	12005 TAC
					1230-1315	....f.	BANGLA	12005 TAC
					1245-1300	.m.wt..	ORIYA	12005 TAC
					1300-1315	smtwt.s	BANGLA	12005 TAC
					1315-1345	.....s	KUMAUNI	12025 DHA
					1315-1345	..w...	PUNJABI	India 12025 DHA
					1315-1330	.mt.tf.	PUNJABI	India 12025 DHA
					1315-1330	s.....	KANGRI	12025 DHA
					1330-1345	.m.....	BHILI	12025 DHA
					1330-1345	....t..	MARWARI	12025 DHA
					1330-1345	..t....	BRIJ	12025 DHA
					1330-1400	s....f.	GUJARATI	12025 DHA
					1345-1400	.mtwt.s	GUJARATI	12025 DHA
					1400-1415	smtw...	URDU	India 9530 DHA
					1400-1445	....t..	URDU	India 9530 DHA
					1400-1500	....fs	HINDI	9530 DHA
					1415-1500	smtw...	HINDI	9530 DHA
					1445-1500	....t..	HINDI	9530 DHA
							SOUTH INDIA, MALDIVES, SRI LANKA	
					0030-0100	s...tfs	TAMIL	7365 ERV
					0030-0115	.mtw...	TAMIL	7365 ERV
					0100-0115	....fs	BADAGA	7365 ERV
					0100-0130	s...t..	KANNADA	7365 ERV
					0115-0130	.m.w.fs	KANNADA	7365 ERV
					0115-0130	..t....	TULU	7365 ERV
					0130-0200	smtwtfs	TELVUGU	9855 DHA
					1400-1430	smtw...	MALAYALAM	7320 IRK
					1400-1445	....tfs	MALAYALAM	7320 IRK
					1430-1445	smt....	TELVUGU	7320 IRK
					1445-1500	..t.t..	TAMIL	7320 IRK
					1445-1500	....fs	KANNADA	7320 IRK
					1430-1500	..w...	TELVUGU	7320 IRK
					1445-1500	sm.....	LAMBADI	7320 IRK
					1500-1515	smtwtfs	ENGLISH	Spotlight 7320 IRK
					1515-1600	smtwtfs	ENGLISH	7320 IRK
					1600-1615	smt....	SINHALA	7320 IRK
					1600-1615	..w.fs	DHIVEHI	7320 IRK
					1600-1615	....t..	MALAY	7320 IRK
							PAKISTAN, AFGHANISTAN, IRAN	



MSK Moscow

NVS Novosibirsk Russia

(via Alokesh Gupta to CUMBRE DX, via WB; March 22, 2005)

SAM Samara Russia

TAC Tashkent Uzbekistan

## **SOUTH AFRICA:** *Channel Africa* and other Shortwave Transmissions A05 over *Sentech Ltd.* facilities:

Time UTC	kHz	kW	Target Area	Language	1600-2200	3255	100	Southern Africa	English
CHANNEL AFRICA									
0300-0355	6120	250	East & Central Africa	Swahili	1615-1700	11690	500	East & Central Africa	English **
0300-0355	6160	500	East & Central Africa	English	1700-1900	11945	250	East & Central Africa	English
0300-0500	3345	100	Southern Africa	English	1730-1745	3390	100	Southern Africa	English teaching
0400-0455	7390	500	Central Africa	French	1730-1745	7230	500	East & Central Africa	English teaching
0500-0555	9685	500	West Africa	English	1730-1745	9525	500	Angola & West Africa	English teaching
0500-0800	7240	100	Southern Africa	English	1745-1800	7230	500	East & Central Africa	Swahili
0600-0655	15440	250	Far West Africa	English	1800-1830	7230	250	Indian Ocean Isles	French
0800-0900	11825	100	Southern Africa	Nyanja	2030-2100	3390	100	S. Mozambique	Portuguese
0900-1000	11825	100	Southern Africa	Lozi	2030-2100	6135	250	N. Mozambique	Portuguese
1000-1200	11825	100	Southern Africa	English	2030-2100	7205	500	Angola	Portuguese
1200-1300	11825	100	Southern Africa	Nyanja	* Monday to Friday		** Saturday and Sunday		
1300-1400	11825	100	Southern Africa	Lozi	FAMILY RADIO				
1400-1600	11825	100	Southern Africa	English	1900-2100	3230	100	Southern Africa	English
1500-1555	17770	500	East & Central Africa	English	UNITED NATIONS RADIO				
1500-1555	17780	250	East & Central Africa	Swahili	1700-1715	7150	100	Madagascar	French *
1600-1655	15235	500	West Africa	French	1700-1715	11735	500	Central Africa	French *
1700-1755	15235	500	West Africa	English	1730-1745	7150	100	Southern Africa	English *
1900-2000	3345	100	Southern Africa	Portuguese	* Monday to Friday				
2000-2200	3345	100	Southern Africa	English	FEBA RADIO				
RADIO SONDER GREENSE									
0530-0800	7185	100	Northern Cape, RSA	Afrikaans	1500-1545	12125	250	Sudan	Nuer/Dinka
0800-1600	9650	100	Northern Cape, RSA	Afrikaans	1545-1600	12125	250	Mozambique/Tanzania	Makonde
1600-0530	3320	100	Northern Cape, RSA	Afrikaans	1600-1700	12125	250	Ethiopia	Amharic
SOUTH AFRICAN RADIO LEAGUE									
0800-0900*	7205	100	Southern Africa	English	0300-0400	5925	250	Central & East Africa	French
0800-0900*	17810	250	East & Central Africa	English	0700-0800	15170	250	Central & West Africa	French
1900-2000**	3215	100	Southern Africa	English	1100-1200	17850	250	Central Africa	French
* Sunday	** Monday				1200-1400	17850	250	Central & West Africa	French
Relay transmissions of other stations:									
BBC									
0300-0330	6050	500	East & Central Africa	Swahili	1230-1300	21760	250	Central & West Africa	French
0300-0400	7120	500	West Africa	English	1600-1700	15160	250	Central & West Africa	English
0300-0600	3255	100	Southern Africa	English	1600-1700	7170	100	Southern Africa	English
0300-0600	6190	100	Southern Africa	English	1900-2200	7160	250	Central Africa	French
0400-0430	9840	250	East Africa	Swahili	ADVENTIST WORLD RADIO				
0400-0500	7120	250	West Africa	English	1700-1730	9595	250	East Africa	Swahili
0430-0500	3390	100	S. Mozambique	Portuguese	1730-1800	9595	250	East Africa	Masai
0430-0500	6135	250	N. Mozambique	Portuguese	1800-1830	3215	100	Botswana, Namibia	English
0430-0500	7205	500	Angola	Portuguese	1800-1830	3345	100	Zimbabwe, Zambia	English
0500-0700	11765	250	West Africa	English	1800-1900	9590	250	East Africa	English
0530-0600	15400	250	East & Central Africa	Kirundi **	2000-2030	9820	250	Congo, Gabon	French
0600-1600	6190	100	Southern Africa	English	2000-2030	6100	500	Central Africa	French
0600-1600	11940	100	Southern Africa	English	2000-2100	7175	250	Central Africa	English
0700-0730	17695	500	Central Africa	French	2030-2100	6100	250	Nigeria	Yoruba
1500-1530	11690	500	East & Central Africa	English	CHINA RADIO INTERNATIONAL				
1530-1615	11690	500	East & Central Africa	Swahili **	1500-1800	6100	100	Southern Africa	English
1530-1700	11690	500	East & Central Africa	Swahili/Kirundi*	1800-1900	6100	100	Southern Africa	Chinese
HIRONDELLE FOUNDATION									
					0400-0600	11690	500	DR Congo	French

### TRANS WORLD RADIO

Time UTC	kHz	kW	Target Area	Language	Days	1730-1800	9930	250	Ethiopia	6	Amharic
0330-0345	7215	250	Ethiopia	Sidamo	34	1733-1748	7265	250	Mozambique	2 5 7	Yao
0330-0345	7215	250	Ethiopia	Amharic	12 567	1745-1800	9930	250	Ethiopia	7	Amharic
0345-0357	7215	250	Ethiopia	Oromo	7	1755-1825	9620	500	Mali, S. Niger	12345	Pulaar
0600-0645	11640	500	Nigeria	English	12345	1755-1825	9620	500	Mali, S. Niger	67	French
0600-0615	11640	500	Nigeria	English	67	1810-1840	9720	250	Ivory Coast	1234567	Bambara
1600-1630	9675	250	Burundi	Kirundi	1234567	1830-1900	9510	500	Sahel	1234567	Fulfulde
1625-1655	9660	500	Somalia	Somali	1234567	1830-1900	9695	500	Nigeria	1234567	Hausa
1645-1700	9930	250	Ethiopia	Oromo/Borana	12 7	1840-1910	9720	250	Burkina Faso	5	Songhai
1645-1700	9930	250	Ethiopia	Kambaata	34	1840-1925	9720	250	Ivory Coast	1234 67	French
1645-1700	9930	250	Ethiopia	Hadiya	56	1900-1930	9510	500	Nigeria	1234567	Yoruba
1657-1712	9660	500	Southern Sudan	Juba	23456	1900-1915	9695	500	Nigeria	1234567	Kanuri
1657-1727	9660	500	Southern Sudan	Juba	1 7	1910-1925	9720	250	Mali	5	Moore
1700-1715	9930	250	Ethiopia	Amharic	7	1925-1940	9720	250	Burkina Faso	6	Songhai
1700-1730	9930	250	Ethiopia	Amharic	123456	1925-1940	9720	250	Burkina Faso	12345	Moore
1703-1718	7265	250	Mozambique	Sena	1234567	1930-1945	9510	500	Ghana	67	Ewe
1715-1745	9930	250	Ethiopia	Oromo	7	1945-2000	9510	500	Nigeria	6	Igbo
1718-1733	7265	250	Mozambique	Yao	1234567	1945-2015	9510	500	Nigeria	7	Igbo
1730-1800	9930	250	Ethiopia	Oromo	12345						

Day 1 = Monday, Day 2 = Tuesday ...

(Kathy Otto - Broadcast Planning Sentech Ltd. via Alokesh Gupta to CUMBRE DX via WDXC-HQ, March 22, 2005)

**UKRAINE:** A05 (27 March 2005 - 30 October 2005) schedule of *Radio Ukraine International* - *RUI*. 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>.

Time UTC	kHz	Tx Site	kW	Az.	Target Area
0000-0500	7485	Kharkiv	100	055	Russia
0500-0800	9945	Kharkiv	100	277	W.Europe
0800-1300	15675	Kharkiv	100	277	W.Europe
1300-1700	7530	Kharkiv	100	055	Russia
1700-2100	7490	Kharkiv	100	290	W.Europe
2100-0000	7420	Kharkiv	100	290	W.Europe
2300-0400	7440	Mykolaiv	500	314	N.-E.America

Transmission schedules in various languages are as follows:

ENGLISH (one hour long): at 2100 on 7420 kHz, at 0000 & 0300 on 7440 kHz, at 1100 on 15675 kHz.

GERMAN (one hour long): at 1700 & 2000 on 7490 kHz, at 2300 on 7420 kHz.

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

Romanian (half an hour long): at 1700, 1930 & 2100 on 657 kHz (via Chernivtsi).

On WEB-site <www.nrcu.gov.ua> transmissions in Real Audio format:

ENGLISH: at 2100, 0000, 0300;

GERMANY: at 1700, 2000, 2300;

UKRAINIAN: all other time of the day. (Alexander Yegorov via WDXC-HQ; March 17, 2005)

**USA:** Schedule of *Adventist World Radio - AWR* valid period A05 (2005-03-27 to 2005-10-30). Address: 12501 Newbold Columbia Pike, Silver Spring, MD 20904-6600, USA.

StartStop	kHz	Site	Language	Target Area	kW	Days
0000-0030	15510	SDA	Burmese	Myanmar	100	1234567
0000-0200	12025	SDA	Mandarin	NE-China	100	1234567
0000-0200	15590	SDA	Mandarin	C/N-China	100	1234567
0030-0100	15510	SDA	Karen	Myanmar, Thailand, China	100	1234567
0100-0200	15445	TAI	Vietnamese	Vietnam	100	7
0100-0200	15520	SDA	Mandarin	S-China	100	1234567
0200-0230	9895	MOS	English	Pakistan	300	1234567
0230-0300	9895	MOS	Urdu	Pakistan	300	1234567
0230-0330	3215	MDC	Malagasy	Madagascar	50	1234567
0300-0330	15205	DHA	Russian	C-Asia	250	1234567
0300-0330	11710	DHA	Oromo	S-Ethiopia	250	1234567
0300-0330	11975	DHA	Tigrinya	Eritrea	250	1234567
0330-0400	11975	DHA	Amharic	Ethiopia	250	1234567
0330-0400	9895	MOS	Farsi	Iran	300	1234567
0400-0430	9770	MOS	Arabic	Iraq, Arab Peninsula	300	1234567
0430-0500	9770	MOS	Arabic	Egypt, N-Sudan	300	1234567
0500-0600	5965	JUL	Bulgarian	Bulgaria	100	1234567
0900-1000	11775	JUL	Italian	Italy	100	1
1000-1100	15615	SDA	Mandarin	C/N-China	100	1234567
1000-1100	15510	SDA	Mandarin	S-China	100	1234567
1000-1030	11930	SDA	English	Philippines	100	1234567
1030-1100	11930	SDA	Filipino	Philippines	100	1234567
1030-1100	11780	SDA	Mongolian	N-China, Mongolia	100	1234567
1100-1200	11975	SDA	Mandarin	S-China	100	1234567
1100-1200	11770	SDA	Mandarin	NE-China	100	1234567
1100-1500	12105	SDA	Mandarin	C/N-China	100	1234567
1100-1130	15435	SDA	Indonesian	W-Indonesia	100	1234567
1130-1200	15435	SDA	Thai	Thailand	100	1234567
1200-1300	15145	SDA	Mandarin	NE-China	100	1234567
1200-1300	9720	SDA	Mandarin	S-China	100	1234567
1200-1230	15135	DHA	English	NE-India, Bangladesh	250	1234567
1200-1300	9685	SDA	Korean	Korea	100	1234567
1230-1300	15135	DHA	Bengali	NE-India, Bangladesh	250	1234567
1300-1330	15275	SDA	Bengali	Bangladesh	100	1234567
1300-1330	15320	DHA	Uighur	W-China	250	17
1300-1330	15320	DHA	Mandarin	W-China	250	23456

1300-1330	11980	SDA	Japanese	Japan	100	1234567
1300-1330	7180	SDA	Japanese	W-Japan	100	1234567
1330-1400	15275	SDA	English	Bangladesh	100	23567
1330-1400	17740	DHA	Russian	C-Asia	250	1234567
1330-1400	11980	SDA	English	Japan	100	1234567
1330-1500	15320	DHA	Mandarin	W-China	250	1234567
1330-1400	11885	SDA	Khmer	Cambodia, Vietnam, Thailand, Laos	100	1234567
1330-1400	15275	SDA	Assamese	Bangladesh	100	14
1400-1500	9695	SDA	Mandarin	S-China	100	1234567
1400-1500	11795	TAI	Vietnamese	Vietnam	100	1234567
1400-1430	9725	SDA	Burmese	Myanmar	100	1234567
1400-1430	17720	MOS	Urdu	Pakistan	300	1234567
1400-1430	12045	SDA	Sinhalese	Sri Lanka	100	1234567
1430-1500	11885	SDA	Karen	Myanmar, Thailand, China	100	1234567
1430-1500	9590	SDA	Chin	Myanmar	100	1234567
1430-1500	15225	MOS	Afar	Djibouti, NE-Ethiopia, Somalia	300	1234567
1500-1530	6130	MOS	German	Germany, Austria, Switzerland	100	1234567
1500-1530	11870	SDA	Panjabi	N-India, Pakistan	100	1234567
1500-1530	11640	SDA	Telugu	S-India	100	1234567
1500-1530	15225	DHA	Nepali	Nepal	250	1234567
1500-1530	9600	SDA	Tamil	S-India	100	1234567
1500-1530	11895	SDA	Mizo	NE-India	100	1234567
1500-1530	15265	DHA	Panjabi	N-India	250	1234567
1528-1628	3215	MDC	Malagasy	Madagascar	50	1234567
1530-1600	15265	DHA	Hindi	N-India	250	1234567
1530-1600	9600	SDA	Malayalam	S-India	100	1234567
1530-1600	11895	SDA	Marathi	C-India	100	1234567
1530-1600	11870	SDA	Hindi	C-India	100	1234567
1530-1600	11640	SDA	Kannada	S-India	100	1234567
1530-1600	15225	DHA	English	Nepal, Tibet	250	1234567
1600-1630	11640	SDA	English	S-India	100	1234567
1600-1630	15225	MOS	Urdu	Pakistan	300	1234567
1600-1630	12015	SDA	Oriya	E-India	100	1234567
1600-1630	11975	SDA	Urdu	N-India	100	1234567
1600-1630	11680	SDA	English	C-India	100	1234567
1630-1700	15460	DHA	Somali	Somalia	250	1234567
1630-1700	15360	MOS	Farsi	Iran	300	1234567
1630-1700	11975	SDA	English	N-India	100	1234567
1700-1730	9595	MEY	Kiswahili	Tanzania, Kenya, Uganda	250	1234567
1700-1730	11560	SDA	Hindi	ME	100	1234567
1700-1730	9385	SDA	Filipino	ME	100	1234567
1700-1730	15265	MOS	Arabic	Iraq, Arab Peninsula	300	1234567
1730-1800	15265	MOS	Arabic	Egypt, N-Sudan	300	1234567
1730-1800	9385	SDA	English	ME	100	1234567
1730-1800	9595	MEY	Masai	Tanzania, Kenya	250	1234567
1730-1800	11560	SDA	Tamil	ME	100	1234567
1730-1800	15520	DHA	Oromo	S-Ethiopia	250	1234567
1800-1830	3215	MEY	English	SW-Africa	100	1234567
1800-1830	3345	MEY	English	Botswana, South Africa, Zimbabwe	100	1234567
1800-1830	15280	MOS	Juba Arabic	S-Sudan	300	37
1800-1830	15280	MOS	Col English	S-Sudan	300	46
1800-1830	15280	MOS	Moru	S-Sudan	300	15
1800-1900	9590	MEY	English	E-Africa	250	1234567
1800-1830	15280	MOS	Bari	S-Sudan	300	2
1830-1900	15280	MOS	Arabic	Libya	300	1234567
1900-1930	11955	MOS	Hausa	Nigeria	300	1234567
1900-1930	15245	JUL	Arabic	Morocco, Algeria	100	1234567
1930-2000	15245	JUL	Tachelhit	Morocco, Algeria	100	367
1930-2000	15245	JUL	Dial Ara	Morocco, Algeria	100	24
1930-2000	15245	JUL	Kabyle	Morocco, Algeria	100	15

1930-2000	11955	MOS	Ibo	E-Nigeria	300	1234567
2000-2030	11870	MOS	Dyula	Burkina Faso, Ivory Coast, Mali	300	1234567
2000-2030	6100	MEY	French	C-Africa	500	1234567
2000-2100	6115	SDA	Korean	Korea	100	1234567
2000-2030	15245	JUL	French	Morocco, Algeria	100	1234567
2000-2030	9820	MEY	French	Cameroon, Niger	250	1234567
2000-2030	7175	MEY	English	C-Africa	250	1234567
2000-2100	5990	SDA	Korean	Korea	100	1234567
2030-2100	6100	MEY	Yoruba	Nigeria	250	1234567
2030-2100	11870	MOS	French	W-Africa	300	1234567
2030-2100	7175	MEY	English	C-Africa	250	1234567
2100-2200	11895	SDA	Mandarin	S-China	100	1234567
2100-2200	11750	SDA	Mandarin	NE-China	100	1234567
2100-2130	9715	MOS	English	W-Africa	300	1234567
2100-2130	11850	SDA	Japanese	W-Japan	100	1234567
2100-2130	11980	SDA	Japanese	Japan	100	1234567
2130-2200	9715	MOS	English	W-Africa	300	1234567
2200-2357	6165	BON	Spanish	Cuba	150	1234567
2200-2300	12120	SDA	Mandarin	NE-China	100	1234567
2200-2230	15320	SDA	Indonesian	W-Indonesia	100	1234567
2200-2300	15215	SDA	Mandarin	C/N-China	100	1234567
2200-2230	11850	SDA	Indonesian	W-Indonesia	100	1234567
2230-2300	11850	SDA	English	W-Indonesia	100	1234567
2230-2300	15320	SDA	English	W-Indonesia	100	1234567
2300-2400	12120	SDA	Mandarin	NE-China	100	1234567
2300-2400	15320	SDA	Vietnamese	S-Vietnam	100	1234567
2300-2400	15370	SDA	Mandarin	C/N-China	100	1234567

Site:

BON = Bonaire

DHA = Dhabayya

JUL = Jülich

MDC = Madagascar

MEY = Meyerton

MOS = Moosbrunn

SDA = Agat

TAI = Taipei

Days: 1=Sunday, .. 7=Saturday.

(Version 01/2005-03-15/pub from AWR Frequency Management Office Darmstadt, Germany via Alokesh Gupta converted to plain text by WWDXC-HQ; March 17, 2005)

**World Wide Christian Radio - WWCR** has four 100 kW state-of-the-art transmitters which serve the world on 10 different broadcasting channels. Together our transmitters provide over 400 religious and talk programs direct from Nashville, Tennessee to a global audience. WWCR (Nashville) A05 Summer Schedule:

FREQ	TIME (UTC)	DATES	5935	0100-1200	01 Sep	05-29	Oct 05	
Transmitter #1 - 100 KW			Transmitter #3 - 100 KW					
9985	0900-1000	03 Apr 05-31 May 05	9985	1200-1400	03 Apr 05-31	May 05		
15825	1000-2200	03 Apr 05-31 May 05	12160	1400-2200	03 Apr 05-31	May 05		
7465	2200-0000	03 Apr 05-31 May 05	5070	2200-1200	03 Apr 05-31	May 05		
3210	0000-0900	03 Apr 05-31 May 05	9985	1200-1400	01 Jun 05-31	Aug 05		
9985	0900-1000	01 Jun 05-31 Aug 05	12160	1400-2300	01 Jun 05-31	Aug 05		
15825	1000-2200	01 Jun 05-31 Aug 05	5070	2300-1200	01 Jun 05-31	Aug 05		
7465	2200-0100	01 Jun 05-31 Aug 05	9985	1200-1400	01 Sep 05-29	Oct 05		
3210	0100-0900	01 Jun 05-31 Aug 05	12160	1400-2300	01 Sep 05-29	Oct 05		
9985	0900-1000	01 Sep 05-29 Oct 05	5070	2300-1200	01 Sep 05-29	Oct 05		
15825	1000-2200	01 Sep 05-29 Oct 05	Transmitter #4 - 100 KW					
7465	2200-0000	01 Sep 05-29 Oct 05	7465	1200-1400	03 Apr 05-31	May 05		
3210	0000-0900	01 Sep 05-29 Oct 05	9985	1400-1800	03 Apr 05-31	May 05		
Transmitter #2 - 100 KW			9975	1800-2200	03 Apr 05-31	May 05		
13845	1200-0100	03 Apr 05-31 May 05	9985	2200-0000	03 Apr 05-31	May 05		
5935	0100-1200	03 Apr 05-31 May 05	7465	0000-0300	03 Apr 05-31	May 05		
13845	1200-0200	01 Jun 05-31 Aug 05	5765	0300-1200	03 Apr 05-31	May 05		
5935	0200-1200	01 Jun 05-31 Aug 05	7465	1100-1400	01 Jun 05-31	Aug 05		
13845	1200-0100	01 Sep 05-29 Oct 05	9985	1400-1800	03 Apr 05-31	May 05		

9975	1800-2200	03 Apr 05-31	May 05	9975	1800-2200	03 Apr 05-31	May 05
9985	2200-0100	01 Jun 05-31	Aug 05	9985	2200-0000	03 Apr 05-31	May 05
5765	0100-1100	01 Jun 05-31	Aug 05	7465	0000-0300	01 Sep 05-29	Oct 05
7465	1200-1400	01 Sep 05-29	Oct 05	5765	0300-1200	01 Sep 05-29	Oct 05
9985	1400-1800	03 Apr 05-31	May 05				

(WCCR schedule at the web, 9 April 2005, via JKB)

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## Sources & Contributors:

Alokesh Gupta	New Delhi - India.
BP	Bob Padula - Australia.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
EDXP	Electronic DX Press, Bob Padula - Australia.
JKB	Dr. Juergen Kubiak, Berlin - Germany.
OBSERVER	Fortnightly edition of Radio Bulgaria's Frequency Management.
WB	Wolfgang W. Bueschel, Stuttgart - Germany.
WWDXC-HQ	WWDXC 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	

<b>Languages:</b>	<b>Other common abbreviations:</b>
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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# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, Apt. #634, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada  
E-Mail: logbook@wwdxc.de

### MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
918.0	2300	221	E	Radio Intercontinental	Spanish	Emigrants	0503	MF
981.0	2155	333	ISR	Galei Zahal	Hebrew	Knesseth	0503	MF
1134.0	1910	333	HRV	Voice of Croatia	English	EU Membership	1703	MF
1134.0	2140	333	HRV	Radio Zadar	Croatian	ID,Music	0503	MF
1170.0	2135	222	BLR	Radio Belarus	Russian	Talk about Parliament	0503	MF
1197.0	1825	323	G	Virgin AM	English	Royal Wedding	1703	MF
1224.0	2127	322	BUL	Radio Horizont	Bulgarian	Program	0503	MF
1251.0	0510	222	G	Radio Bury St. Edmunds	English	Bible program	1803	MF
1251.0	2125	222	HNG	Kossuth Radio	Hungarian	Program	0503	MF
1260.0	2120	221	E	Radio Algeciras	Spanish	Sports	0503	MF
1287.0	2115	232	E	Radio Castilla	Spanish	Talk, ID	0503	MF
1305.0	2110	111	G	MAGIC Barsley	English	Intl., Fly Terror system	0503	MF
1359.0	1745	122	G	Classic Gold Country	English	Football	1703	MF
1368.0	1740	322	G	Radio Lancashire	English	News around Lancashire	1703	MF
1386.0	2100	333	G	BBC Asia Network	English	Asia News	1703	MF
1413.0	2055	222	G	Radio Berkeley	English	Gloucestershire News	1703	MF
1413.0	1840	322	G	Premier Christian Radio Heathrow Airport	English	ID, Praise in God	1903	MF
1431.0	1930	221	G	Classic Gold Breeze	English	Classic Sports	1903	MF
1431.0	1820	222	G	Classic Gold Reading	English	Royal Wedding	1703	MF
1458.0	1810	212	G	Radio Devon	English	Iraq	1703	MF
1503.0	0340	333	G	Radio Stoke Sideway	English	Listen again	1803	MF
1557.0	0350	121	G	Radio Lancashire Oxcliffe	English	ID, ABBA music	1803	MF
1584.0	0355	232	G	Radio Worcester	English	Football	1803	MF

### TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3230.0	0401	211	G	SW Radio Africa	English	Program	2702	RAD
3306.0	0402	222	ZWE	Radio Zimbabwe	???	News Feature	1103	RAD
3325.0	1158	211	INS	RRI, Palangkaraya	Indonesian	News, Coconut island	2702	RAD
3945.0	1720	433	IRN	IRIB Zahedan	Pushto	Program	2703	WB
3965.0	1835	444	F	RTI Via Issoudun relay	English	Audio from TWR	2703	WB
3985.0	1725	433	IRN	IRIB, Kamalabad	Russian	Guitar music and local news	2703	WB
3990.0	1730	332	CHN	CNR XIN. Urumchi	Uighur	Female singer	2703	WB
4775.0	0421	322	SWZ	Trans World Radio	German	Preaching followed by music	1103	RAD
4780.0	1830	222	DJI	Radio Djibouti	Arabic	Talks and music	1803	FP
4915.0	0346	433	B	Radio Difusora Macapai	Portugese	Pop vocals, ID	0903	RAD

## SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5775.0	2232	433	I	IRRS	English	Instrumental music followed by ID	1103	RAD
5840.0	1710	444	SWE	Radio Sweden via Hoerby	Russian	News	2703	WB
5910.0	1455	322	KAZ	DVB Almaty	Burmese	Phone interview	2703	WB
5950.0	0135	222	USA	Radio Taiwan Intl.,	Chinese	Taiwan & USA	2702	MF
5980.0	0200	333	MRC	RTV Marocaine	Arabic	News & Folklore	2702	MF
5995.0	2345	221	MLI	ORTM	French	ID,Program	2702	MF
6000.0	0345	122	SNG	Media Cop Radio	English	SE Asia News	0903	MF
6005.0	0130	322	CLN	VOA	English	President Bush	2802	MF
6010.0	0230	232	CAN	Radio Sweden	English	Sweden & Terror	2802	MF
6040.0	0035	221	TWN	Radio Australia	English	Test	0903	MF
6055.0	0250	333	KWT	Voice of Kuwait	Arabic	Koran Program	2003	MF
6080.0	0545	222	AUS	Radio Australia	English	Problem with foreign workers	0803	MF
6085.0	0045	221	USA	WYFR	English	ID,Music	2802	MF
6090.0	2330	221	NIG	FRCN, Kaduna	English	Kabinda War	0803	MF
6105.0	0616	333	STP	VOA via Pinheira	English	News Now,ID	1203	RAD
6110.0	0055	333	CHL	La Voz Cristiana	Spanish	Program for Cuba	0903	MF
6130.0	0240	333	F	RCI	French	News in Brief	2702	MF
6139.8	1059	222	CLM	Radio Lider	Spanish	Choral music followed by ID's	2502	RAD
6140.0	0230	211	CUB	Radio Rebelde	Spanish	ID,Program	0903	MF
6145.0	1910	444	G	KBSWR via Skelton	French	Irregular programs	2703	WB
6150.0	2320	332	SNG	Radio Singapore Intl.,	English	Australian Sports	0803	MF
6150.0	0220	322	CTR	Dr. Scott	English	God we follow you	0903	MF
6160.0	0010	222	MDG	AWR	English	God comes in our house	2903	MF
6165.0	2340	333	ATN	AWR	Spanish	ID,Gospels	2803	MF
6175.0	0205	333	CAN	Voice of Vietnam	Vietnamese	Programs	2103	MF
6175.0	0230	221	UAE	AWR	Farsi	Reverand from Australia	2103	MF
6185.0	1905	444	G	KBSWR via Skelton	French	Progtram	2703	WB
6190.0	0155	322	IRN	VOIRI	Vernacular	ID,Program	0903	MF
6190.0	0210	322	IND	AIR,Delhi	English	News from Delhi	2103	MF
6190.0	2205	222	PHL	Radio Veritas Asia	Chinese	ID,Religious music	2803	MF
6190.0	0310	332	B	Radio Senado Federal	Portugese	Politics on Brasil	2003	MF
6195.0	2215	222	AFS	BBC	English	Zimbabwe Votes	2803	MF
6930.0	0053	333	E	SNY Madrid	English	Buchstabengruppen	1403	FP
6973.0	0119	444	ISR	Galei Zahal	Hebrew	Music and talk	1403	FP
7115.0	0149	444	EGY	Radio Cairo	Arabic	News	1403	FP
7125.0	0715	322	GUI	RTG Conakry	French	African Drum music	2203	WB
7125.0	0211	333	MDA	Russian Intl., Radio	Russian	Music	1403	FP
7130.0	1310	444	D	Deutsche Welle	Polish	News,Comments	1403	FP
7150.0	0425	122	AUS	Radio Australia	English	Praise	0903	MF
7175.0	1337	444	D	Deutsche Welle	Croatian	Brigitte Mira	1403	FP
7185.0	1402	333	BGD	Radio Bangladesh	Urdu	News,ID,Music	1403	FP
7190.0	2255	333	TUN	RTT	Arabic	ID,Program	2403	MF
7195.0	1500	433	FIN	YLE Radio Finland	Finnish	News,Talk,IS	1403	FP
7200.0	1830	433	RUS	RRS,Yakutsk	Russian	Program	2703	WB
7200.0	0500	111	SND	SNBC,Omdurman	Vernacular	ID,Songs about Omdurman	0903	MF
7205.0	1553	332	THA	BBC	Tamil	News	1403	FP
7210.0	1600	444	D	Deutsche Welle	Albanian	News,ID	1403	FP
7210.0	0330	132	SWZ	ELWA via TWR,Swaziland	English	World outside Liberia	0203	MF
7220.0	1617	433	D	Radio Liberty	Russian	Talks	1403	FP
7225.0	1640	443	TUN	RTT Tunis	Arabic	Talks,Msuic	1403	FP
7240.0	1728	433	POR	Deutsche Welle	Polish	IS,ID,News	1403	FP
7250.0	2055	444	CVA	Radio Vatican	English	Interview,ID,IS	1403	FP
7265.0	2121	443	CHN	China Radio Intl.,	Italian	Economy,ID,Internet address	1403	FP
7275.0	2130	443	E	REE,Madrid	Spanish	TS,ID,Program	1403	FP
7290.0	0015	322	CLN	Deutsche Welle	English	News about Iraq	0903	MF
7300.0	2300	444	TUR	Voice of Turkey	Turkish	TS,ID,News	1403	FP
7550.0	1445	344	KOR	KBS Seoul	Korean	Program	1503	FP
7570.0	1530	233	KRE	Voice of Korea	English	Music,ID	1503	FP

7580.0	1547	433	RUS	WYFR Family Radio	Hindi	Religious program	1503	FP
9290.0	2145	211	LVA	EMR	English	Pop vocals and ID's	2602	RAD
9355.0	2031	333	MRA	Radio Free Asia	???	Instrumental music	1503	FP
9365.0	2101	233	F	Radio Taiwan Intl.,	French	ID,Program	1503	FP
9370.0	2122	333	USA	WTJC	English	Religious music	1503	FP
9390.0	2200	333	ISR	KOL Israel	Yiddish	News about Arafat,Hamas	1503	FP
9410.0	2210	333	CHN	China Radio Intl.,	Portugese	Nuclear Program	1503	FP
9455.0	2233	433	USA	WHRA	English	Religious program,ID	1503	FP
9520.0	2304	333	D	Radio Liberty	Russian	ID,Program	1503	FP
9525.0	2330	221	CAN	Radio Nederland	Dutch	Sports	2003	MF
9535.0	0003	333	E	REE Madrid	Spanish	ID,Music	1603	FP
9545.0	0103	333	POR	Radio Deutsche Welle via Sines	German	News,ID	1603	FP
9550.0	0131	232	CUB	Radio Habana	French	Program	1603	FP
9560.0	0208	333	CAN	Radio Korea Intl.,	English	News,Economy,ID,Music	1603	FP
9575.0	1030	333	MRC	Medi 1	Arabic	Music,News	1603	FP
9625.0	1410	444	AUS	Radio Australia,Darwin	English	Pop music	2703	WB
9635.0	2310	222	CHL	LV Cristiana	Spanish	ID,Religious music	2403	MF
9660.0	110	555	G	Radio Japan via Skelton	German	Commentary on Taiwan	1603	FP
9705.0	2340	322	IND	AIR	English	World of Airlines	2403	MF
9735.0	1459	433	RUS	TWR,Armavir	Polish	IS,ID,Program	2703	WB
9735.0	2355	111	???	Voice of Revolution Iraq	Arabic	ID,Anti US Propaganda	2403	MF
9750.0	1143	322	MLA	Voice of Malayasia	???	Light instrumental music,News,ID	2502	RAD
9755.0	0420	332	GUF	CRI	English	Taiwan's terror Farmer	2802	MF
9815.0	1140	433	POR	RDP Intl.,	Portugese	Music,ID	1603	FP
9830.0	1232	444	HRV	Hrvatski Radio	Croatian	ID,Reports	1603	FP
9870.0	1303	233	NZL	Radio New Zealand	English	Program	1603	FP
9890.0	1520	222	CHN	CNR 1	Mandarin	Program	1603	FP
9915.0	1730	433	CYP	BBC via Limassol	Arabic	ID,News	1603	FP
9935.0	1225	433	GRC	ERT Macedonia	Greek	Music	1703	FP
9970.0	1415	332	BEL	RTBF	French	Music	1703	FP
9990.0	1510	333	KRE	Voice of Korea	Arabic	Talks	1703	FP
10330.0	1545	443	IND	AIR,Vividh Bharati	Hindi	Music	1703	FP
11510.0	1710	444	ARM	Voice of Russia	French	ID,News	1703	FP
11530.0	1802	333	USA	Radio Farda	Persian	Music,ID,Internet address	1703	FP
11540.0	1335	333	TJK	Radio Free Asia	Tibetian	Talks,Music	1903	FP
11550.0	1403	333	S	Radio Sweden	Swedish	Program,ID,IS	1903	FP
11570.0	1432	333	PAK	Radio Pakistan	Urdu	Program	1903	FP
11690.0	1456	333	JOR	Radio Jordan	English	News	2002	RAD
11705.0	1830	333	F	Radio France Intl.,	French	Program,internet address	1503	FP
11715.0	2156	222	IND	AIR,Panaji	English	News,ID,Commentary	2002	RAD
11805.0	0730	444	GEO	GR,Dusheti	English	News	2203	WB
11810.0	1630	444	RUS	Radio Prague via Armavir	German	Political Program	2703	WB
11815.0	0206	433	B	Radio Brasil Central	Portugese	Light music Jingle,Talk	2002	RAD
11860.0	1620	322	INS	RRI,Jakarta	Indonesian	Soft songs	2703	WB
11890.0	0725	444	CHL	CVI,Santiago	Portugese	Modern Chorus	2203	WB
11925.0	0240	433	B	Radio Bandeirantes	English	ID and Postugese talks	2002	RAD
11995.0	1800	433	GNE	SW Radio Africa	English	Address,music	1503	FP
12065.0	1440	322	UZB	Vatican Radio	Hindi	Religious songs	2703	WB
13570.0	1505	433	USA	WINB, Red Lion	English	Enthusiasm sermon	2703	WB
13630.0	0735	433	AUS	Radio Australia, Shepperton	English	Interview	2203	WB
13800.0	1635	433	MDA	Radio Anternacional	Persian	News Phone in	2703	WB
15145.0	1620	444	G	SWAF Rampisham	English	Program of Zimbabwe clandestine	2703	WB
15195.0	2010	111	ASC	WYFR	English	God has the best herd	2702	MF
15205.0	1500	333	AUS	CVI Darwin	English	Tips for living	2703	WB
15230.0	1450	433	CUB	RHC,Habana	Spanish	Talks	2703	WB
15390.0	1445	433	AUS	HCJB,Kunumera	English	Glory & Pain	2703	WB
15470.0	1830	444	G	Radio Ndeke Luka via Rampisham	Frencg	Choir	2703	WB
15475.0	1746	344	GAB	Radio Africa No. 1	French	Music,ID,TS,News	1403	FP
15495.0	1715	444	G	Leading the Way via Rampisham	English	Program	2703	WB
15720.0	0740	444	NZL	RNZI,Rangitaiki	English	House Construction	2203	wB



17560.0 1430 333 USA WHRA  
 17625.0 1310 221 CHL CRI

English Let us go into the gospel 2802 MF  
 English US Guntrade to South Korea 2702 MF

\*\*\*\*\*

**Thanks a lot to our club members for your contributions:**

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with SONY LP1 antenna.  
 FP : Frank Paukstat, Wehretal, Germany. Kenwood R-2000 with Dipole G5RV and Preselector Mizuho AT 20.  
 RAD : Rich D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340 & Drake R-8B with 500/200 feet long wire, Datong FL3.  
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR 7030, SONY ICF 2010/2001, Kenwood R-1000, Drake SPR-4 with 12 metres long wire.

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Dear Friends,

Welcome to the April issue of 2005. Thanks to our member Herr Frank Paukstat for sending his loggings for the first time. The season change in shortwave frequencies have taken place. So club members please send more loggings for our next Logbook.

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

*Ashok Kumar Bose*

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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
Albania	CRI via Cerrick site.	f/d cd	18 days	6020/9570		RAD
Brazil	R.Difusora de Macapa	e-mail	435 days	4.915 kHz	martinsap3@hotmail.com	RAD
Brazil	Radio Record	e-mail	5 days	6.150	radiorecord@rederecord.com.br	RAD
China	CHBC	e-mail	8 hours	4830	from verie signed Qiao Xiaoli.	RAD
Germany	Hamburger Lokalradio	L f/d cd	9 days	6.045	v/s Michael Kittner for US\$1.00	RAD
Pirate N am	Radio Free Ancaster		244 ds	6925 kHz		RAD
Pirate N am	Undercover Radio	e-mail	1 day	6925 kHz	undercoverradio@mail.com	RAD
UAE	AWR via Abbu Dhabbi	f/d cd	8 days	15.385		RAD
USA	R. Monitors Int via WRMI	f/d cd	256 days	7.385 Khz	AWR QSL #10419. V/s Adrian Peterson NASB-AWR Relay.	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.

# SWL / Media Programs in English, German & Spanish

Mar 27th —Oct 29th, 2005 — V05 As of April 12th, 2005

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

**2<sup>nd</sup>** Figures behind language symbols E, G or Sp, indicate weeks of the month. Times and days in UTC.

STL —Satellite transmission. d = DRM —digital mode

## Monday

0008 RNW Radio Enlace, Sp —9895 11900 15315  
STL TelStar V AM

0030 DW Cologne, E, **4<sup>th</sup>/last** —  
1548 3995d 7130 9505 9825

0032 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
9755 11990 13710 AS/CHN STL Hotbird No&LatAM  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM

0115 Radio Budapest, E, DX Corner —9590

0118 Radio Bulgaria Sofia, Sp —7500 9400 11500 LatAM

0208 RNW Radio Enlace, Sp —6165 7325 9590

0230 WRMI Miami (World of Radio), E —7385

0230 WHRA, E, DXwCumbre —5850

0245 Radio Budapest, E, DX Corner —9795

0300 WBCQ, E, World of Radio —9330Lsb

0300 WRMI Miami (AWR Wavescan), E —7385

0330 WRMI Miami (DX PartyLine), E —7385

0330 WHRI, E, DXwCumbre —7315

0430 DW Cologne, E, **4<sup>th</sup>/last** —7170 9630 15445

0430 WBCQ, E, World of Radio —7415

0630 DW Cologne, E, **4<sup>th</sup>/last** —  
6140 7170 15275 17860 21675d

0810 Radio Slovakia Internat., G, —6055 7345

0830 Radio NZL Internat., E, alternate weeks —9885

0900 WRMI Miami (AWR Wavescan/WoR?), E —9955

1130 Radio NZL Internat., E, alternate weeks —9885

1230 WWCR Nashville, E, Ask WWCR **1<sup>st</sup> 3<sup>rd</sup> 5<sup>th</sup>** —15825

1330 Radio NZL Internat., E, alternate weeks —6095

1530 Radio NZL Internat., E, alternate weeks —6095

1530 RCI Montreal, E, Media Zone —  
11675 15360 17720 SoAS/IND STL Hotbird EUR

1830 RCI Montreal, E, Media Zone —  
9530 9780 13730 15255 15420 STL Hotbird  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM

1900 Amateur Radio Mirror, Channel Africa, E —  
3215 7082usb

1950 Radio Budapest, G —3975 6025

2000 WWCR Nashville, E, Radio School —15825

2025 REE Madrid, E —9570 15290 EUR / AF

2030 RCI Montreal, E, Media Zone —5850 11765 15325  
STL Hotbird STL WRN1 Afristar, Asiastar, WorldSpace  
AF / ME / AS / PAC / WRN1 TelStar-12 SoAM

2130 RAE Buenos Aires, G —9690 15345

2130 WHRI, E, Radio Weather —15785

2130 WBCQ, E, Operator's Choice —5105

2200 WBCQ, E, Radio Weather —7415

2230 RCI Montreal, E, Media Zone —  
9525 9870 12035 CHN/SoEaAS STL Hotbird EUR

2300 WBCQ, E, Allan Weiner WW —9330Lsb

## Tuesday

0330 Radio NZL Internat., E, alternate weeks —15720

0900 WRMI Miami (WoR), E —9955

0900 Voice of Russia Moscow, G —  
603 630 693d 1323 7330 15455 15780d

0930 WWCR Nashville, E, DX Party Line —9985

1305 RCI Montreal, E, Media Zone —  
7240d 9660 9870 15170 Asia/CHN STL Hotbird EUR

1530 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
11675 15360 17720 SoAS/IND STL Hotbird EUR

1725 Radio Polonia Warsaw, E —5965 7285  
WRN STL EUR. WRN1 TelStar-12 SoAM

1750 Radio Budapest, G —3975 6025

1800 Voice of Russia Moscow, G —  
603 630 693d 1215 1323 1386 7330 7380 12010

1830 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
9530 9780 11730 15255 15420 STL Hotbird  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM

1900 Radio Cairo, G —9990

1935 Radio Tashkent, G **1<sup>st</sup> 3<sup>rd</sup>** —5025 11905

1950 Radio Bulgaria Sofia, G —5800 7500 EUR

2030 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
5850 11765 15325 STL Hotbird  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM

2100 WBCQ, E, Operator's Choice —5105

2105 RHC Habana, E —9505 11760  
 2130 WWCR Nashville, Sp, Mundo Radial —15825  
 2130 RAE Buenos Aires, G —9690 15345  
 2230 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
 9525 9870 12035 CHN/SoEaAS STL Hotbird EUR  
 2300 WBCQ, E, Allan Weiner WW —9330Lsb  
 2315 RAE Buenos Aires, Sp —6060 15345  
 2337 RHC Habana, E —9550

## Wednesday

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0135 RHC Habana, E —6000 9820  
 0335 RHC Habana, E —6000 9820  
 0535 RHC Habana, E —6000 6060 9550 11760  
 0900 WRMI Miami (Wavescan/WoR/DXPL), E —9955  
 0930 WWCR Nashville, E, World of Radio —9985  
 1050 Radio Bulgaria Sofia, G —11700 15700 EUR  
 1305 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
 7240dFLE 9660 9870 15170 AS/CHN STL HotbirdEUR  
 1530 RCI Montreal, E, Mailbag —  
 11675 15360 17720 SoAS/IND STL Hotbird EUR  
 1745 Radio UKR Internat. Kiev, G, fortnightly —7490  
 1845 RAE Buenos Aires, E, Dxers Special —9690 15345  
 1930 WWCR Nashville, E, Ask WWCR —15825  
 1950 Radio Budapest, G —3975 6025  
 2045 Radio UKR Internat. Kiev, G, fortnightly —7490  
 2100 WWCR Nashville, Sp, Mundo Radial —15825  
 2100 WBCQ, E, Operator's Choice —5105  
 2200 WBCQ, E, World of Radio —7415 17495usb  
 2300 WBCQ, E, Allan Weiner WW —9330Lsb  
 2300 WBCQ, E, Off the hook —7415  
 2345 Radio UKR Internat. Kiev, G, fortnightly —7420

## Thursday

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0245 RAE Buenos Aires, E, Dxers Special —11710  
 0330 Radio Australia, E, Media Report —9660 12080 13630  
 15240 15415 15515 17750 21725  
 0520 Radio Bulgaria Sofia, G —9500 11500 EUR  
 0900 WRMI Miami (Wavescan/WoR/DXPL), E —9955  
 0930 WWCR Nashville, E, DX Radio School —9985  
 1000 Voice of Russia Moscow, G —603 630 693d 1323 15780d  
 1030 Radio Australia, E, Media Report —  
 9580 9590 11880 15240twn 15415  
 1225 Radio Polonia Warsaw, E —9525 11850 STL  
 1530 Radio Australia, E, Media Report —  
 5995 6080 7240 9475 9590 9625[11750] 11660  
 1600 Voice of Russia Moscow, G —  
 603 630 693d 1215 1323 1386 7330 9795 9890 12010

1935 Radio Tashkent, G —5025 11905  
 2000 WWCR Nashville, E, DX Party Line —15825  
 2030 WWCR Nashville, E, World of Radio —15825  
 2100 WBCQ, E, Radio Weather —7415  
 2100 WBCQ, E, Operator's Choice —5105  
 2300 WBCQ, E, Allan Weiner WW —9330Lsb

## Friday

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0105 Radio Tashkent, E, after 3<sup>rd</sup> Sat —7190 9715  
 0900 WRMI Miami (Wavescan/WoR/DXPL), E —9955  
 0945 WWCR Nashville, E, Ask WWCR —9985  
 1230 BBC R4, World in Your Ear / Feedback, E —  
 LW 198, MW, FM, DAB, STL  
 1800 WRN on Internet, E, World of Radio  
 1845 RAE Buenos Aires, E, Dxers Special —9690 15345  
 1920 Radio Budapest, E, DX Corner —3975 6025  
 STL WRN WorldSpace Afristar AF / AsiaSat / AsiaStar  
 AS/Pac WRN1 TelStar-12 SoAM  
 2100 WHRA, E, DXwCumbre —11765 AF / EUR  
 2100 WBCQ, E, Operator's Choice —5105  
 2115 WWCR Nashville, Sp, Mundo Radial —15825  
 2120 Radio Budapest, E, DX Corner —6025 9525  
 2130 RAE Buenos Aires, G —9690 15345  
 2138 Radio Bulgaria Sofia, E —5800 7500 EUR  
 2300 Studio-X Italy, E, World of Radio —1584, FM  
 2328 RNW Radio Enlace, Sp —9895  
 2338 Radio Bulgaria Sofia, E —9700 11700 NoAM

## Saturday

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0000 WBCQ, E, Allan Weiner Live —5105 7415  
 0105 Radio Tashkent, E, after 3<sup>rd</sup> Sat —7190 9715  
 0120 Radio Budapest, E, DX Corner —9590  
 0128 RNW Radio Enlace, Sp —9895 15315  
 0238 Radio Bulgaria Sofia, E —9700 11700 NoAM  
 0245 RAE Buenos Aires, E, Dxers Special —11710  
 0250 Radio Budapest, E, DX Corner —9795  
 0300 WHRI, E, Radio Weather —7315  
 0328 RNW Radio Enlace, Sp —6190  
 0330 KWHR Naalehu Hawaii, E, DXwCumbre —17510  
 0500 HCJB Quito, G —9780 21455usb EUR  
 0500 WHRI, E, DXwCumbre —7315 7465  
 0500 KWHR Naalehu Hawaii, E, Radio Weather —17510  
 0700 KWHR Naalehu Hawaii, E, DXwCumbre —9510

- 0730 WHRI, E, DXwCumbre —7315 7465  
 0745 RKI Seoul, G —15210 AS/EUR  
 0800 WRN1, E, World of Radio —STL Astra/Hotbird  
 Euromax EUR/ME/AF  
 AfriStar AF / AsiaSat / AsiaStar AS/Pac  
 0810 DW Cologne, G, except **1<sup>st</sup>**  
 0810 RKI Seoul, E —9570 9640 AS  
 0830 HCA/HCJB Australia, E, DX Party Line —11750 PAC  
 0845 WWCR Nashville, E, Ask WWCR —5070  
 0900 KWHR Naalehu Hawaii, E, DXwCumbre —9510  
 0930 KWHR Naalehu Hawaii, E, Radio Weather —9510  
 1000 Voice of Russia Moscow, G —603 630 693d 1323 15780d  
 1010 RKI Seoul, Sp, Antena de la Amistad —9580 15210  
 1030 WWCR Nashville, E, World of Radio —5070  
 1030 WHRI, E, Radio Weather —7520  
 1030 KWHR Naalehu Hawaii, E, Radio Weather —11565  
 1110 RKI Seoul, Sp, Antena de la Amistad —11795CAN  
 1105 REE Madrid, Sp, Amigos de la O.C. —  
 13720 15585 EUR  
 1145 Voice of Turkey, G, fortnightly —13760  
 1200 HCA/HCJB Australia, E, DX Party Line —15425 SoEaAS  
 1210 DW Cologne, G, except **1<sup>st</sup>**  
 1210 RKI Seoul, E —9650CAN NoAM  
 1226 WHRI, E, DXwCumbre —15105  
 1227 RRI Bucharest, G —9515 11775  
 1230 WHRA, E, Radio Weather —15310  
 1230 HCJB Quito, E, DX Party Line —12005 21455usb NoAM  
 1245 Voice of Turkey, E, fortnightly —15225 15535  
 1310 RKI Seoul, E —9570 9770 AS  
 1335 Radio Tashkent, E, **2<sup>nd</sup>** —7285 15295 17775  
 1500 HCA/HCJB Australia, E, DX Party Line —15390 AS  
 1500 Voice of Russia Moscow, G —  
 603 630 693d 1215 1323 1386 7330 9795 9890 12010  
 1504 SR2 Saarebruck, Medienwelt, G —  
 FM, STL Astra ADR, DAB-S  
 1505 DeutschlandFunk Cologne, G, Media Magazine  
 1610 RKI Seoul, E —5975 9870 AS  
 1610 DW Cologne, G, except **1<sup>st</sup>**  
 1630 RSCG Belgrade, G, fortnightly —9620  
 1651 RKI Seoul, G —7275 AS  
 1730 HCJB Quito, G —6015 EUR  
 1730 Voice of Turkey, G, fortnightly —13640  
 1730 WHRI, E, Radio Weather —15785  
 1730 RKI Seoul, G —STL WRN2 Astra EuroMax/Hotbird EUR /  
 WRN2 AfriStar AF  
 1845 Voice of Turkey, E, fortnightly —9785  
 1910 RKI Seoul, E —5975 7275 AS  
 1911 RRI Bucharest, G —7165 9590  
 1920 Radio Bulgaria Sofia, G —5800 7500 EUR  
 1930 WHRI, E, DXwCumbre —15285  
 1930 Radio Belarus Minsk, G —1170 7105 7280 7440  
 2000 WBCQ, E, Radio Weather —9330Lsb  
 2010 DW Cologne, G, except **1<sup>st</sup>**  
 2030 Radio Belarus Minsk, G —1170 7105 7280 7440  
 2035 Radio Tashkent, E, **2<sup>nd</sup>** —5025 9545 11905  
 2045 Voice of Turkey, E, fortnightly —7170  
 2051 RKI Seoul via Skelton, G —3955 EUR  
 2105 RHC Habana, E —9505 11760  
 2110 RKI Seoul via Skelton, E —3955 EUR  
 2118 Radio UKR Internat. Kiev, E —7420  
 2135 Radio Tashkent, E, **2<sup>nd</sup>** —5025 9545 11905  
 2142 REE Madrid, E —9570 9840 EUR / AF  
 2200 WBCQ, Allan Weiner WW, E —9330Lsb  
 2215 Voice of Turkey, E, fortnightly —9830 (7300 Sep-Oct)  
 2235 RCI Montreal, E, Media Zone —1179 EUR  
 9525 9870 12035 CHN/SoEaAS STL Hotbird EUR  
 2300 WBCQ, Real Amateur Radio Show, E, —7415  
 2330 WHRI, E, Radio Weather —15120  
 2337 RHC Habana, E —9550

## Sunday

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- 0010 DW Cologne, G, except **1<sup>st</sup>**  
 0018 Radio UKR Internat. Kiev, E —7440  
 0025 REE Madrid, E —15385  
 0105 REE Madrid, Sp, Amigos de la O.C. —6020 6055 9535  
 9620 11680 15160 LatAM  
 0135 RHC Habana, E —6000 9820  
 0145 WWCR Nashville, E, Ask WWCR —5070  
 0200 WWCR Nashville, E, DX Party Line —5070  
 0200 AWR Wavescan Moosbrunn, E —9895  
 0210 RKI Seoul, E —9560CAN 11810 15575 NoAM / AS  
 0230 WWCR Nashville, E, World of Radio —5070  
 0230 WRMI Miami (AWR Wavescan), E —7385  
 0300 WBCQ, World of Radio, E, —9330Lsb  
 0300 WRMI Miami (DX PartyLine), E —7385  
 0300 WWCR Nashville, E, Radio Weather —5070  
 0315 Voice of Turkey, E, fortnightly —6140 7270  
 0318 Radio UKR Internat. Kiev, E —7440  
 0330 WRMI Miami (World of Radio), E —7385  
 0330 WWCR Nashville, E, DX Radio School —5070  
 0335 RHC Habana, E —6000 9820

- 0400 WBCQ, E, Tom & Darryl —7415  
0405 WWCN Nashville, E, Cyberline —5070  
0410 DW Cologne, G, except **1<sup>st</sup>**  
0500 KWHR Naalehu Hawaii, E, DXwCumbre —9510  
0535 RHC Habana, E —6000 6060 9550 11760  
0628 WWCN Nashville, E, World of Radio —3210  
0638 Radio Bulgaria Sofia, E —11600 13600 EUR  
0751 RKI Seoul, G —15210 AS/EUR  
0800 Amateur Radio Mirror, Channel Africa, E —  
7082usb 9750 17810  
0830 DW Cologne, E, **4<sup>th/last</sup>** —  
3995d 5900d 5975d 6140d 7265d 15440d 21675d  
0900 hr1 Frankfurt, Netzwerk, G —FM STL  
0930 WRMI Miami (World of Radio), E —9955  
0930 WHRI, E, Radio Weather —7520  
1000 AWR Wavescan KSDA Guam, E —11930  
1012 Radio NZL Internat., Media Talk, E, —9885  
1015 WWCN Nashville, E, Ask WWCN —15825  
1030 SWR Cont.Ra Baden Baden, Media, G —  
576 666 711 828 1017 FM, STL Astra ADR, DAB-S  
1118 Radio UKR Internat. Kiev, E —15675  
1130 DW Cologne, E, **4<sup>th/last</sup>** —  
6140d 7265d 15440d 15545d  
1138 Radio Bulgaria Sofia, E —11700 15700 EUR  
1200 AWR Wavescan Abu Dhabi, E —15135  
1200 WRMI Miami (World of Radio), E —7385  
1205 BR5 Munich, Medienmagazin, G —  
6085, FM, STL Astra ADR, DAB-S  
1230 WRMI Miami (DX PartyLine), E —7385  
1230 WHRA, E, Radio Weather —15310  
1330 AWR Wavescan KSDA Guam, E —11980 15275 STL  
1330 DW Cologne, E, **4<sup>th/last</sup>** —6140  
1340 Radio Slovakia Internat., G, —6055 7345  
1500 KWHR Naalehu Hawaii, E, DXwCumbre —11555  
1500 Voice of Russia Moscow, G —  
603 630 693d 1215 1323 1386 7330 9795 9890 12010  
1505 RCI Montreal, E, Mailbag —  
11675 15360 17720 SoAS/IND STL Hotbird EUR  
1515 Radio Budapest, E, DX Corner —6025 9655  
1530 AWR Wavescan Abu Dhabi, E —15225  
1530 WHRI, E, DXwCumbre —15105  
1600 AWR Wavescan KSDA Guam, E —11640 11680  
1603 WDR5 Cologne, Medienmagazin, G —  
FM, STL Astra ADR, DAB-S  
1605 REE Madrid, Sp, Amigos de la O.C. —21610 ME/IND  
1610 Radio Slovakia Internat., G, —5920 7345  
1630 AWR Wavescan KSDA Guam, E —11975  
1630 DW Cologne, E, **4<sup>th/last</sup>** —  
1548 6140d 6170 7175d 7225 13790d 17595  
1648 Radio Bulgaria Sofia, Sp —15700 17500 EUR  
1700 WWCN Nashville, E, Ask WWCN —15825  
1730 WRMI Miami (WRN, World of Radio), E —7385  
1730 AWR Wavescan KSDA Guam, E —9385  
1805 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
9530 9780 13730 15255 15420 STL Hotbird  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM  
1810 Radio Slovakia Internat., G, —5920 6055  
1830 AWR Wavescan Meyerton, E —9590  
1830 SWR Cont.Ra Baden Baden, Media, G —  
576 666 711 828 1017 FM, STL Astra ADR, DAB-S  
1900 BBC R4, World in Your Ear / Feedback, E —  
LW 198, MW, FM, DAB, STL  
1900 Studio-X Italy, E, World of Radio —1584, FM  
1915 Radio Budapest, E, DX Corner —3975 6025  
1930 Radio Belarus Minsk, G —1170 7105 7280 7440  
1935 BR5 Munich, Medienmagazin, G —  
6085, FM, STL Astra ADR, DAB-S  
2000 WBCQ, Radio Weather, E, —9330Lsb  
2000 RSCG Belgrade, G, fortnightly —6100  
2005 RCI Montreal, E, Maple Leaf Mailbag / CIDX report —  
5850 11765 15325 STL Hotbird  
STL WRN1 Afristar, Asiastar, WorldSpace AF / ME /  
AS / PAC / WRN1 TelStar-12 SoAM  
2030 AWR Wavescan Meyerton, E —7175  
2030 DW Cologne, E, **4<sup>th/last</sup>** —  
7130 11895 13780 15205  
2030 Radio Belarus Minsk, G —1170 7105 7280 7440  
2030 WHRI, E, DXwCumbre —15785  
2115 Radio Budapest, E, DX Corner —6025 9525  
2118 Radio Bulgaria Sofia, Sp —1800 13800 EUR  
2130 AWR Wavescan Moosbrunn, E —9715  
2130 WBCQ, E, Radio Weather —9330Lsb  
2200 WBCQ, E, Allan Weiner WW, E, —9330Lsb  
2230 AWR Wavescan KSDA Guam, E —11850 15320  
2230 DW Cologne, E, **4<sup>th/last</sup>** —7115 9720  
2235 RCI Montreal, E, Media Zone —1179 EUR  
9525 9870 12035 CHN/SoEaAS STL Hotbird EUR  
2318 Radio Bulgaria Sofia, Sp —7500 11500 LatAM

**AWR Wavescan is due to resume soon via AWR Asia**

UTC	UTC	ITU	Stationen	Tage	Frequenzen und Relaystandorte	DX	HBF
0000	0200		Deutsche Welle		6100 CAN 11865 POR 11955 ATN		So 0010
0200	0400		Deutsche Welle		6075 6100 CAN 9735 ATN		
0200	0230	BLR	Radio Belarus	Do+So	5970 7210		1. So
0300	2200	D	ERF		1539 (Mainflingen)		
0400	0600		Deutsche Welle		6075 9735 ATN 12025 RRW		So 0410
0400	1730	AUT	Ö1-International		6155 13730		
0400	0430	SWZ	TWR-Manzini		4775 6120 Sa&So:bis 05:00		
0400	0500	USA	Family Radio		3955 G 9985		Sa
0420	0440	CVA	Radio Vatikan		1530 4005 5885 7250		
0500	0530	BUL	Radio Bulgarien		9500 11500	Do	Di
0500	0657	CHN	CRI		15245 17720		Di,Sa
0500	0530	EQA	HCJB		9780 21455	Sa	Mo
0600	0800	D	Deutsche Welle		6075 9545 9735 13780		
0600	0630	GAB	NHK-Radio Japan		11970 (Moyabi)		So
0600	0700	USA	RTI		7520 (WYFR)		Sa
0630	0657	CZE	Radio Prag		5930 7345		Mi
0656	0759	KOR	RKI		15210	So	So
0700	0730	GEO	Radio Georgien		11805		
0700	0726	ROU	RRI		7225 9790		So
0730	0830	IRN	IRIB-Teheran		15085 15430		Mo
0800	1000		Deutsche Welle		6075 9545 17715 CLN		Sa 0810
0800	0830	SVK	RSI		6055 7345	Mo	Mo
0830	0845	MCO	ERF		6230 7160 So:bis 09:15		
0900	1000	D	CWS	So	6015 6055 (Jülich)		
0900	1000	D	EVR	So	6045 (Jülich)		
0900	1000	D	HH-Lokalradio	Sa	6045 (Jülich)		
0900	1000	RUS	St. Russlands		1323 D 7330 15455		Di
1000	1400		Deutsche Welle		7430,9900 RUS 17635 CLN 17845 KAZ		Sa 1210
1000	1027	CZE	Radio Prag		6055 9880		Mi
1000	1200	RUS	St. Russlands		1323 D	Do 1040	Fr+Sa
1030	1100	BUL	Radio Bulgarien		11700 15700	Mi	Mo
1100	1130	G	NHK-Radio Japan		9660 11710 (beide Skelton)		So
1130	1159	POL	Radio Polonia		5965 9525		Do
1130	1230	TUR	St. der Türkei		13760	Sa14täg	Mi
1200	1230	AZE	St.Aserbaid.		1296 6110		
1200	1227	CZE	Radio Prag		6055 7345		Di
1200	1300	HNG	Radio Budapest	So	6025 SVK 7220		
1200	1300	LTU	R.Santec	So	9710		
1200	1300	ROU	RRI		9515 11775		So
1200	1300	RUS	St. Russlands		1323 D 1386 KAL 12060		Fr
1330	1400	GRC	ERT-Athen		7430 (alt.: 15630 15650)		
1330	1400	MCO	ERF	Mo-Sa	6230 7160 So ab 13:00		
1330	1400	SVK	RSI		6055 7345	So	So
1400	1800		Deutsche Welle		9655 CLN 15275 D 17860 RRW		Sa 1610
1400	1415	CVA	Radio Vatikan		5885 7250 9645		
1400	1500	HNG	Radio Budapest	So	6025 SVK 7160		
1415	1435	I	RAI	Mo-Sa	9570		
1500	1530	AUT	AWR-Moosbrunn		6130		
1500	1527	CZE	Radio Prag		5930		Di
1500	1600	RUS	St. Russlands		1323 D 7330 9480 9795 12010	Sa 1540	So
1530	1559	POL	Radio Polonia		7270		Do
1545	1600	MRA	KFBS-Saipan	Mi	9465		
1600	1757	ALB	CRI		5970 7155 (beide Cerrik)		Mo&Fr
1600	1650	KRE	Stimme Koreas		6285 9325		Do
1600	1700	RUS	St. Russlands		1323 D 7330 9795 9890 12010		Do
1600	1630	SVK	RSI		5915 6055	So	So

UTC	UTC	ITU	Stationen	Tage	Frequenzen und Relaystandorte	DX	HBF
1620	1640	MDA	R.Pridnestrowja	Mo+Mi	5960 (Radio PMR)		
1630	1700	BIH	RSCG-Belgrad		9620	Sa14täg	Sa14täg
1630	1700	BUL	Radio Bulgarien		9500 11500		
1630	1657	RUS	Radio Prag		11810 (Krasnodar)		Di
1700	1758	HNG	Radio Budapest	So	3975 6025 (Rimavska Sobota)		So
1700	1800	RUS	St. Russlands		1215 1323 D 1386 KAL 7330 12010		
1700	1730	S	Radio Schweden	Mo-Sa	6065		
1700	1800	UKR	Radio Ukraine Int.		7490	Mi	So
1700	1800	USA	Family Radio		3955 Jülich 17750		Sa
1730	2208	AUT	Ö1-International		5945 6155		
1730	1800	D	HCJB		6015 (Jülich)	Sa	Mo
1730	1800	E	REE	Mo+Do	9665 (inaktiv; ggf. Sp)		1.Do
1730	1758	HNG	Radio Budapest	Mo-Sa	3975 6025 (Rimavska Sobota)	Di	Sa
1730	1830	IRN	IRIB-Teheran		11855 15085		So
1730	1830	TUR	St. der Türkei		13640	Sa14täg	Mi
1800	2000		Deutsche Welle		6075 7185 RRW 9545		
1800	1830	ALB	Radio Tirana	Mo-Sa	1458 6130		Di&Fr
1800	1957	CHN	CRI		1440 LUX 7190 11650 11775		Mo&Fr
1800	1830	GEO	Radio Georgien		11910		
1800	1900	INS	St. Indonesiens		15150 (alt.: 9525 oder 11785)		So
1800	1850	KRE	Stimme Koreas		6285 9325		Do
1800	1900	RUS	St. Russlands		7330 7380 12010	Di 1815	
1800	1830	SVK	RSI		5920 6055		So
1800	1900	TWN	RTI		9565 (alt.: 9955)		Fr
1805	1825	ARM	St. Armeniens		4810 9775		So
1805	1825	I	RAI		6040 9845		
1805	1905	SYR	R.Damaskus		12085 13610		Mi
1820	1840	CVA	Radio Vatikan		1467 1530 4005 5885 7250		So14täg
1830	1900	S	Radio Schweden		1179 6065 So: bis 1930		So 1.M
1900	2000	BUL	Radio Bulgarien		5800 7500	Di&Sa	So
1900	2000	EGY	Radio Kairo		9990		Mi
1900	2000	G	RTI		6185 (Skelton)		Fr
1900	1950	KRE	Stimme Koreas		6285 9325		Do
1900	2000	ROU	RRI		7165 9590		So
1900	2000	RUS	Family Radio		7370 (Samara)		Sa
1930	2000	BLR	Radio Belarus	Mi Sa So	1170 7105 7280		1. Sa
1930	1958	HNG	Radio Budapest	Mo-Sa	3975 6025 (Rimavska Sobota)	Mo&Mi	
1930	1959	POL	Radio Polonia		6110 7240		Do
1935	2030	UZB	R.Tashkent Int.		5025 11905		Do
2000	2200		Deutsche Welle		6075 7185 RRW 15275 RRW		Sa 2010
2000	2030	BIH	RSCG-Belgrad	So-Fr	6100	So14täg	So14täg
2000	2100	G	RKI		3955 (Skelton)	Sa	Sa
2000	2030	GEO	Radio Georgien		11760		
2000	2015	THA	Radio Thailand		9680 (alt.: 9535)		
2000	2100	UKR	Radio Ukraine Int.		7490	Mi	So
2000	2100	USA	Family Radio		15600		Sa
2033	2036	SVN	Radio Slowenien		918		
2100	2200	ARG	RAE	Mo-Fr	9690 15345	Mo&Fr	Di
2100	2200	I	Radio Studio X	Di	1584		
2100	2200	LTU	CRI		1386 (via Radio Baltic Waves Internat.)		
2100	2200	USA	RTI		18930 (WYFR)		Fr
2100	2200	USA	Family Radio		15695		Sa
2200	2400		Deutsche Welle		11690 CAN 11865 POR 15410 ATN		
2300	2400	EQA	HCJB		12040 (Programm für Südamerika)		
2300	2400	UKR	Radio Ukraine Int.		7420	Mi	So



Im Januar 2005 erschien die 4., völlig neu bearbeitete, aktualisierte und erweiterte Auflage des Buches **"Flugfunk - Technik, Flugverkehr, Frequenzlisten"** von Michael Marten.

Der Luftverkehr im zivilen und militärischen Bereich wäre heute ohne Sprechfunk- und Navigationsfunktechnik nicht möglich. Nachdem die Zahl von Passagieren und Flugbewegungen im Jahr 2004 wieder zugenommen hat, ist auch für das Jahr 2005 eine weitere Steigerung zu erwarten. Dieses Buch gibt einen kompletten und kompetenten Überblick über die verschiedenen Seiten des Flugfunks und zeigt, wie man die Kommunikation zwischen Bord und Boden miterleben kann.

Das Buch ist in verschiedene Sachkapitel gegliedert und beginnt mit einer Beschreibung der Flugfunktechnik vom Anfang bis in die Gegenwart.

Im Kapitel "Vom Start zur Landung" werden die Arbeitsabläufe im Cockpit einer modernen Passagiermaschine auf dem Flug von Düsseldorf nach Paris erläutert. Detailliert werden die im Verlauf des Fluges verlesenen Checklisten und die kompletten Funkgespräche zwischen den Piloten und den Bodenfunkstellen, vom Vorfeld über Abflugkontrolle, Streckenkontrolle im oberen Luftraum bis hin zu Anflugkontrolle und Tower am Zielort wiedergegeben. Detaillierte Karten helfen bei der Erläuterung dieses komplexen Themas.

Dem Luftverkehr in Deutschland und der Deutschen Flugsicherung GmbH (DFS) in Langen (Kreis Offenbach) mit ihren verschiedenen Flugsicherungsdiensten ist ein eigenes Kapitel gewidmet.

Jedem Flughafen in Deutschland mit internationalem Verkehr ist eine eigene Übersichtsseite mit allgemeinen Flugplatzangaben sowie den verwendeten Frequenzen im VHF- und UHF-Flugfunkband gewidmet. Den internationalen Sprechgruppen im Flugfunkverkehr ist ein ausführliches Kapitel mit den Redewendungen in deutscher und englischer Sprache gewidmet.

Eine umfangreiche Frequenzliste informiert in numerischer Aufzählung über die zivilen und militärischen Flugfunkstationen in Deutschland, vom Wetterfunk über die automatischen Terminal-Informationen (ATIS), Radar-Lotsendienste bis hin zu den sogenannten Company-Frequenzen für die firmeninterne Kommunikation der Fluggesellschaften und Flughafenbetriebsgesellschaften. In einer separaten, mehrseitigen Tabelle sind die Navigationsfunkanlagen, die ihre Signale auf Langwelle und im VHF-Bereich ausstrahlen, mit Morsekennung und Verwendungszweck aufgeführt.

Im Anhang finden sich Tabellen mit Rufzeichengruppen, Landeskennungen und international gebrauchten Abkürzungen und die Erläuterung von Fachbegriffen.

(384 Seiten, Format DIN A 5, Best.-Nr. 413 0024, ISBN: 3-88180-624-5, kartoniert, Preis: € 17,90)



Im März erschien der neue Titel **"Interfaces für den Amateurfunk - selbst gebaut"** von Max Perner. Dieses Buch wendet sich an Funkamateure, die ihre Stationsausrüstung verbessern wollen und Spaß am Selbstbau haben. Es bietet

Bauanleitungen, regt aber auch zu eigenen Entwicklungen an, denn fast alle vorgestellten Interfaces lassen sich an individuelle Bedingungen anpassen. Die Baugruppen und Projekte bieten verschiedene Schwierigkeitsgrade: von einfachen Einsteigermodellen bis hin zu umfangreichen und hochwertigen Interfaces.

Alle Geräte und Baugruppen wurden erprobt und meist in größeren Stückzahlen erfolgreich aufgebaut. Platinenlayouts im Maßstab 1:1 und Bauteilelisten erleichtern den Nachbau.

Aus dem Inhalt: Das Interface - Aufgaben und Varianten ■ Kopplung von Computer und Transceiver ■ Simplex analoges Interface ■ Einfaches trennendes Analoginterface ■ PTT-Funktion bei fehlender serieller Schnittstelle ■ Mikrofon und Computer bei SSTV ■ Übertrager versus Optokoppler ■ Optokoppler näher betrachtet ■ Das Programm QuickMix für den Soundkartenmischer ■ Ein- und Ausgangswiderstand - einfach ermittelt ■ Digitale Interfaces für die RS-232-Schnittstelle ■ Parallele und serielle Schnittstelle ■ Anwendung des ICs MAX 232 ■ Optokoppler für die galvanische Trennung ■ Prüfmittel für die serielle Schnittstelle ■ Digitale Interfaces für die USB-Schnittstelle ■ Grundlagen und USB-Parameter ■ Plug-and-Play und Amateurfunk ■ USB und galvanische Trennung ■ Spezielle Interface-Schaltkreise für den USB ■ Prüfungen des USB-Ports ■ MAX 3250 contra Brummspannung.

(88 Seiten, Format 16,5 x 23 cm, 111 Abbildungen, Best.-Nr. 411 0110, ISBN: 3-88180-810-8, Broschur, Preis: € 12,80)



Im April erschien der neue Titel **"DAB - Das neue digitale Radio"** von Thomas Riegler. Dieses Buch behandelt umfassend die Praxis des neuen Hörfunks DAB - Digital Audio Broadcasting. Dazu erklärt es wichtige technische Begriffe, geht detailliert auf die Sender-netze in Europa ein, beleuchtet das Angebot an DAB-Empfängern und zeigt, wie man den Empfang verbessern kann. Mancher wird staunen, dass er schon Auto-, Pocket-, Tisch- oder HiFi-Radio für DAB kaufen kann.

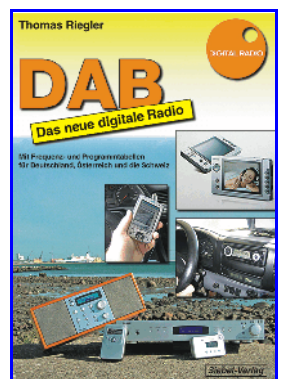
Die vielen DAB-Zusatzdienste werden vorgestellt. Es wird ein Blick in die nahe Zukunft gewagt, für die sich Raumklang und Bildübertragung mit DMB ankündigen. Auch dieses Buch des bekannten Autors beruht weitgehend auf praktischen Erfahrungen.

Über 200 Bilder erleichtern das Verständnis. Viele davon sind Screenshots von kleinen, flachen Radiodisplays und liefern auf einen Blick wichtige Informationen.

Der Autor hat umfassende Informationen zusammenzutragen und eine Testfahrt von Österreich nach Dänemark unternommen. Dabei zeigte sich, dass DAB in vielen europäischen Ländern teils mit großem Erfolg UKW ergänzt.

Das Buch ist so geschrieben, dass es für alle, für die DAB bislang ein Fremdwort war, genauso interessant ist wie für alle anderen, die mit dem Medium DAB bereits zu tun haben.

(168 Seiten, Format 14,8 x 21 cm, 210 Abbildungen, Best.-Nr. 413 0040, ISBN: 3-88180-642-3, kartoniert, Preis: € 17,80)



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