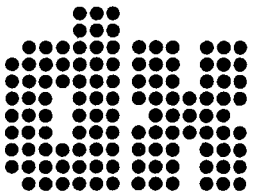


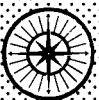
7 - 2006

BBC ORTF  
ADIO MOSKOU  
NDR RAI TVR

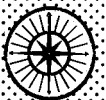
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WORLD WIDE DX CLUB



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- 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>

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(Cf. DXM 4/2006) Please remember that our News Editor Jürgen Kubiak will resign after 10 years of compiling our News section. His last edition will be DX MAGAZINE 8/9, i.e. our annual summer edition. Therefore we need a new **News Editor** as from October 2006. If YOU are interested to compile this section for us, please do not hesitate to contact me.

Hello again,

Welcome to another issue of our DX MAGAZINE. We are still looking for a new **News Editor**, as you can see in the advertisement above. Therefore, please do not hesitate to contact me, if you are interested to start as our new News Editor as from October 2006. Please remember that the next issue of our DX MAGAZINE will be our usual summer double edition No. 8/9, which will be mailed in mid-August. And now let's start with our usual news from outside the club - this month only one item in German for our German members:

Die behördliche **Amateurfunkrufzeichenliste** der Bundesnetzagentur ist künftig nicht mehr in gedruckter Form erhältlich. Stattdessen ist sie im Internet über eine Abfragemaske abrufbar. Eingegeben werden kann jedoch nur das zu suchende Rufzeichen. Die Eingabe eines Sternchens (\*) dient als Joker, sofern das genaue Rufzeichen nicht bekannt ist.

Hat ein Funkamateur der Veröffentlichung seiner persönlichen Daten gegenüber der Behörde gemäß § 15 Abs. 3 der Amateurfunkverordnung vom 15. Februar 2005 widersprochen, so gibt das Webformular nur sein Rufzeichen, den Namen und die Zeugnisklasse aus. Nicht angezeigt werden aber der Standort bzw. Wohnsitz. Der Link zur Abfragemaske lautet: <<http://ans.bundesnetzagentur.de/Amateurfunk>>. Die Abfrage für Standorte von automatisch arbeitenden Amateurfunkstellen ist derzeit noch in Vorbereitung.

(Bundesnetzagentur - <http://www.bundesnetzagentur.de>)

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

## NEWS ABOUT BROADCASTING (+other) STATIONS

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

**AUSTRALIA:** *HCJB World Radio - Australia* began its Japanese program on 2006 Jun 2. It's 2230-2300 on Fr and Sa, using 15525. The first program section is on Friday, and repeated on Saturday, consisted of news by Mr. and Mrs. Ozaki from Chicago, followed by an Australian report produced by their son Yuji and his wife from Sydney. (Japanese SW Club in WORLD BROADCASTING MAGAZINE #354 by EDXP; via WDXC-HQ; July 2, 2006)

**BANGLADESH:** Departing from the global trend, Bangladesh installs a 100-kilowatt

shortwave transmitter. "With the launching of this 100-kilowatt short-wave transmission, the listeners of Bangladesh Betar living abroad would be able to listen its programmes clearly." (Excerpt from The Financial Express - Dhaka via Kim Elliott's website; 11 July 2006)

**Bangladesh Betar**, the only national radio network in Bangladesh, started functioning in Dhaka on December 16, 1939. The first radio station or the then East Bengal Radio was set up in Nazimuddin Road, now an older part of Dhaka. The centre moved to Shahbag on February 8, 1960. On July 30, 1983, Bangladesh Betar, Dhaka moved to Sher-e-Bangla Nagar, north of Dhaka. At present, the Shahbag building serves as National Broadcasting Authority (NBA). Bangladesh Betar has the unique distinction of being associated with the liberation of the country while it put on air the historical proclamation of the Independence of Bangladesh on March 26, 1971. During the war, seventy five million people had to depend only on Radio broadcast for the latest information of the war. Till December 16, 1971 this station was named as "Swadhin Bangla Betar Kendra". Since then it is renamed as "Bangladesh Betar. Address: Radio Bangladesh, External Services, Bangladesh Betar, Shahbagh Post Box 2204, Dhaka 1000, Bangladesh. Reports to: Senior Engineer (Research Wing), National Broadcasting Authority, Bangladesh Betar, 121 Kazi Nazrul Islam Avenue, Shahbag, Dhaka-1000, Bangladesh. Web: <<http://www.betar.org.bd>>. Bangladesh Betar External Service frequency schedule on 7185 kHz:

1315-1345 Nepali to Nepal  
 1400-1430 Urdu to Pakistan  
 1515-1545 Hindi to India  
 1600-1630 Arabic to Middle East  
 1630-1730 Bangla to Middle East  
 1915-2000 Bangla to Europe  
 1745-1815 Voice of Islam (English) to Europe  
 1815-1900 English [no target given, Ed.]  
 (Bangladesh Betar website via JKB, July 2006)

**BHUTAN:** The *Bhutan Broadcasting Service* (BBS) recently awarded Thomson for the supply and installation of new shortwave transmitting equipment to modernize its Sangaygang Station and improve the nationwide service. Scope of delivery includes the DRM ready Thomson 100 kW shortwave transmitter TSW 2100D, Thomson Skywave 2000 DRM frontend equipment Stratus (DRM Modulator/RF Exciter) and Cirrus (DRM Encoder/Multiplexer), a new quadrant antenna HQ 1/0.3, 5/6 MHz, 300 ohm as well as station auxiliaries. BBS will be broadcasting on the frequencies 5035 kHz, 6035 kHz and 7500 kHz. The existing 50 kW shortwave transmitter, installed and taken into operation at Sangaygang by Thomson in 1988, is still being used. The Sangaygang Station is located 2660 m above sea level, close to the capital city Thimphu. With an area of 47,000 square miles and a population estimated at around 750,000 inhabitants, more than 90% of Bhutan's population is living in rural areas. The terrain is mostly mountainous, making a widespread FM coverage very cost-intensive. A total of nine FM stations are located around the urban areas. Thus shortwave is clearly the most important media for nationwide coverage. BBS broadcasts in Zhongka and Nepali, the 2 main local languages. Thomson won this project against international competition, whereby a main decision factor was the excellent after sales service offered by Thomson since 1988 and the trust put in the company's proven digital DRM expertise. The new equipment is scheduled to go on air beginning of 2007. (Excerpt from Thomson Broadcast & Multimedia Radio News Spring 2006, in NASB Newsletter June 2006, via WWDXC-HQ)

**CHINA (Peoples Rep.):** Radio amateurs protest shortwave broadcast "intruder." A Chinese broadcast station that has appeared on 18160 kHz, inside the 17-meter amateur radio band. Curious that it would broadcast on a frequency where shortwave listeners would not typically listen for broadcast stations. And the frequency may be outside the broadcast bands tunable by many Chinese-built shortwave radios. It might be a spurious signal from a defective transmitter. (Excerpt from American Radio Relay League via Kim Elliotts website; 06 Jul 2006)

**CUBA:** *Radio Habana Cuba - RHC* schedule from March-2006 to October-2006, updated June 1 2006 (<<http://www.radiohc.cu>>).

SPANISH

NEW YORK 12000 11 - 15

North, Central South America 6000 11 - 15

Caribbean 9550 11 - 15

South America 11805 / 15230 11 - 15  
 Caribbean 9550 / 11800 21 - 23  
 Buenos Aires 15230 21 - 23  
 North, Central South America 11760 00 - 05  
 Central America 6140 / 5965 00 - 05  
 North America 9820 / 6000 / 6060 00 - 01 / 00 - 05  
 Caribbean 9550 02 - 05  
 South America 15230 / 11875 / 9600 00 - 05  
 Round Table  
 North America South America 6000 / 11875 23 - 01  
 ALÓ PRESIDENTE [this is Sunday only!!, GH]  
 Central America 13680 14-  
 Caribbean 11670 14-  
 South America 11875 / 17750 14-  
 North America 13750 14-  
 ENGLISH  
 [what about the 2030-2130 on 9505, 11760 we have heard recently? GH]  
 Caribbean 9550 23 - 24 / 05 - 07  
 North America 9820 / 6000 / 6060 01 - 05 / 05 - 07  
 North Central and South America 11760 05 - 07  
 FRENCH  
 Caribbean 9550 / 9505 00 - 01/ 01:30 - 02 / 22 - 22:30  
 North Central and South America 11760 5965 20 - 20:30 / 21:30 - 22  
 22 - 22:30 / 23 - 23:30  
 PORTUGUESE  
 South America 17705 / 15230 22 - 22:30 / 23 - 23:30 23 - 24  
 Caribe 11800 20 - 20:30  
 GUARANÍ  
 South America 17705 22:30 - 23 / 23:30 - 24  
 QUICHUA  
 South America 17705 00 - 00:30  
 KREYOL  
 Caribbean 9505 - 9550 5965 21:30 - 22 / 22:30 - 23/ 01 - 0130  
 21:30 - 22 / 22:30 - 23 / 23:30 - 00  
 [not clear which frequencies go with which times and this applies to some other entries too]  
 ÁRAB  
 Caribbean 11800 20:30 - 21  
 ESPERANTO [this is Sunday only!, GH]  
 North America 6000 07 -07:30  
 North Central and South America 11760 15 - 15:30 / 19:30 - 20  
 Central America 6140 23:30 - 24  
 South America 9600 23:30 - 24  
 Send reports via e-mail to <radiohc@enet.cu>, Send reports via air mail to: Radio Habana  
 Cuba, PO BOX 6240, Ciudad Habana 10600, Cuba.  
 (via Arnie Coro, ODXA via DXLD #6-083; 4 June 2006)

**FRANCE:** *Radio France International* will add Hausa broadcasts "As early as September."  
 Involves a deal with the Voice of Nigeria, Nigeria's international radio station.  
 (Excerpt from Angola Press via Kim Elliott's website, 9 July 2006)

**GERMANY:** Media Network has been advised that, starting today, a new radio station  
 called the *Voice of Oromia Independence* is beaming a weekly programme to Ethiopia on  
 Saturdays at 1500-1530 UTC on 15650 kHz. Broadcasts will be via a T-Systems facility in  
 Germany. The group producing the programme says it is not affiliated with any of the  
 existing Ethiopian/Oromo programmes on shortwave. Announced as a test broadcast, the first  
 programme consisted of just music and English ID's. (RNMN Weblog June 17th, 2006; via  
 JKB)

**GREECE:** The Voice Of Greece A06 short wave reworked version transmission schedule  
 effective from 06/21/06 to 10/28/06 (00:00) UTC:  
 Avlis 1 Avlis 2 Avlis 3

EUROPE		0200-0300 7475 9420 Gr except Eng (Sun)
0000-0100 7475 9420 Gr except Eng (Mon)		0300-0500 7475 9420 Gr
0100-0200 7475 9420 Gr		0500-0600 12120 *7475 9420 Gr

0600-0700 12120 15630 9420 Gr  
 0700-0900 12120 15630 9420 Gr  
 0900-1000 12120 15630 9420 Gr  
 1100-1200 15630 Gr  
 1200-1800 15630 9420 Gr  
 1800-1900 \*15630 9420 Gr  
 1900-2400 7475 9420 Gr  
 Foreign Language Transmissions  
 1300-1900 666 AM MEDIUM WAVE  
 Gr,Ar,D,Rus,E,R,Tr,Sc,Bg,Al,F,Pl,Eng  
 CANADA  
 2300-0000 9420 Gr  
 0000-0100 9420 Gr except Eng (Mon)  
 0100-0200 9420 Gr  
 0200-0300 9420 Gr except Eng (Sun)  
 0300-0600 9420 Gr  
 INDIAN OCEAN  
 2300-0000 15650 Gr  
 0000-0100 15650 Gr except Eng (Mon)  
 0100-0200 \*15650 Gr  
 0200-0300 17520 Gr except Eng (Sun)  
 0300-0500 \*17520 Gr  
 ATLANTIC OCEAN  
 0000-0100 7475 9420 Gr except Eng (Mon)  
 0100-0200 7475 9420 Gr  
 0200-0300 7475 9420 Gr except Eng (Sun)  
 0300-0600 \*7475 9420 Gr  
 0600-1000 12120 15630 9420 Gr  
 1100-1200 15630 Gr

1200-1900 \*15630 9420 Gr  
 1900-2100 9420 Gr  
 2100-2300 7475 9420 Gr  
 2300-2400 7475 9420 Gr  
 NORTH AFRICA  
 0500-1000 12120 Gr  
 JAPAN  
 2300-0000 15650 Gr  
 0000-0100 15650 Gr except Eng (Mon)  
 0100-0200 \*15650 Gr  
 AUSTRALIA  
 2300-0000 15650 Gr  
 0000-0100 15650 Gr except Eng (Mon)  
 0100-0200 \*15650 Gr  
 0200-0300 \*17520 Gr except Eng (Sun)  
 0200-0500 \*17520 Gr  
 NORTH AMERICA  
 2300-0000 7475 9420 Gr  
 0000-0100 7475 9420 Gr except Eng (Mon)  
 0100-0200 7475 9420 Gr  
 0200-0300 7475 9420 Gr except Eng (Sun)  
 0300-0600 \*7475 9420 Gr  
 BRAZIL, ZONE PANAMA, NORTHWEST AFRICA  
 2300-0000 7475 Gr  
 0000-0100 7475 Gr except Eng (Mon)  
 0100-0200 7475 Gr  
 0200-0300 7475 Gr except Eng (Sun)  
 0300-0600 \*7475 Gr

(\*) Transmission ends 10 minutes earlier

Gr=Greek, Eng=English, Al=Albanian, Ar=Arabian, Bg=Bulgarian,  
 D=German, F=French, E=Spanish, Pl=Polish, R=Romanian, Rus=Russian,  
 Sc=Servocroatian, Tr=Turkish

(John Babbis, MD, USA, 2006 June 22, DXLD #6-091)

### **INDIA:** Schedules of **AIR** Stations.

kHz	kW	Station	UTC (Target Area)
3223	50	Shimla	0025-0200 1300-1730(Sat, Sun 1741) (To be changed to 4980)
3315	50	Bhopal	0025-0215 1130-1742 (To be changed to 4810)
3365	50	Delhi (Kingsway)	1220-1841 (To be changed to 5020)
3390	10	Gangtok	0100-0400 1030-1600(Sun 1630) (To be changed to 4870)
3945	50	Gorakhpur	0130-0230 Nepali (Nepal), 0230-0300 HS, 1330-1430 Nepali (Nepal), 1430-1735 Urdu (Pakistan)
4760	10	Leh	s0100/w0213-0430 1130(Sun 1030)-1630/1700(Sat 1730)
4760	8,5	Port Blair	2355-0300 1030-/1700/1730
4775	50	Imphal	0030-0215 1030-1700/1730
4800	50	Hyderabad	0020-0215 1130(Sun 1140)-1744
4820	50	Kolkata	0025-0215 1220-1744
4830	50	Jammu	0025-0445 1030-1100/1115, 1130-1741
4840	50	Mumbai	2355-0400 1230-1730
4850	50	Kohima	0000-0415 1000-1600/1630/1700
4860	50	Delhi (Kingsway)	0025-0440,1220-1330 HS, 1330-1430 Nepali (Nepal), 1430-1930 Urdu (Pakistan)
4880	50	Lucknow	0025-0400 1215(Sun 1030)-1741
4895	50	Kurseong	0055-0400 1130(Sun 1031)-1700(Sat, Sun 1741)
4910	50	Jaipur	0025-0415 1130(Sun 1120)-1741
4920	50	Chennai	0015-0245 1200-1736
4940	50	Guwahati	0000-0415 1145-1700/1741
4950	50	Srinagar	v2245-0020v (Ramzan period), s0025/w0120-0215 1120-1736
4960	50	Ranchi	0025-0435 1100(Sun 1130) -1741
4970	50	Shillong	0025-0400 1056-1630
4990	50	Itanagar	0020-0400 1000-1630
5010	50	Thiruvananthapuram	0020-0215 1145(Sun 1130)-1735
5040	50	Jeypore	0025-0435 (Sun 0445, Sat 0545 v), 1130(Sun 1135)-1741
5050	10	Aizawl	0025-0400 1130(Sun 1125)-1630/1700
5965	50	Jammu	0630-0930
5985	50	Ranchi	0630-0945/1000 (Sun 1125)
5990	250	Aligarh	0100-0200 Sindhi (Pakistan)
6000	10	Leh	0700-0930

6020	50	Shimla	0215-0400 (Sun 0415-1000), 0700-0936 1130-1230
6030	50	Delhi (Kingsway)	0200-0310 1215-1430
6040	50	Jeypore	0700-0935 (Sun 1030-1130)
6045	100	Delhi (Kingsway)	1430-1930 Urdu (Pakistan)
6065	50	Kohima	0430-0510 0700-0900
6085	50	Delhi (Kingsway)	1220-1310 1330-1340 1345-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740
6100	100	Delhi	0230-0330 1430-1530
6110	50	Srinagar	0227-0505 (Sun 1115), 0600-1115
6150	50	Itanagar	0700-0900
6155	100	Delhi (Kingsway)	0015-0430 Urdu (Pakistan)
6165	250	Delhi (Khampur)	1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
6190	50	Delhi (Kingsway)	0730-1030
7105	50	Lucknow	0630(Sun 0415)-0930 0935-0936
7115	250	Panaji	1615-1730 Persian, 1730-1830 Malayalam (W. Asia )
7115	8,5	Port Blair	0315-0400 (Sat 0415,Sun 0500), 0700-0930(Sun 1000)
7120	50	Jaipur	(Sun v0420-0600), 0615-0931, (Sun 1030-1115)
7125	100	Delhi (Kingsway)	0100-0200 Sindhi (Pakistan)
7130	50	Shillong	0655-0930
7140	50	Hyderabad	0225-0445(Sat 0505,Sun 0500), 0610-0930/0935 (Sun 0530-1130)
7140	100	Delhi (Kingsway)	1550-1615/1630/1700/1730v 1730-1740
7150	50	Delhi (Kingsway)	0030-0040
7150	50	Imphal	0230-0400/0530(Sun 0500), 0645(Sun 0600)-1000
7160	50	Chennai	0300-0400/0430(Hol 0445, Sun 0530), 0710(Hol 0610,Sat/Sun 0630) -0930 (Sun 1130)
7180	50	Bhopal	0225-0447 (Sun 1115), 0700-0931
7190	100	Mumbai	0025-0430 0700-1330 1430-1740 (Tests)
7210	50	Kolkata	0230-0401(Sat,Sun 0501), 0700-1000(Sun 1030)
7230	50	Kurseong	0620-1030
7235	50	Delhi (Kingsway)	0215-0320 0330-0340 (Sun 0355)
7240	50	Mumbai	0530(Sun 0415)-1035
7250	250	Panaji	0130-0230 Nepali (Nepal)
7250	50	Gorakhpur	0700-0800 Nepali (Nepal), 0830-1130 Urdu (Pakistan), 1130-1140 HS
7255	250	Aligarh	1315-1415 Dari, 1415-1530 Pushtu, (Afghanistan, Pakistan), 1530-1545 English
7270	100	Chennai	0700-1330 1430-1740
7275	100	Chennai	0025-0430
7280	50	Guwahati	0600-0930 0945-1145 (Sun 0530-1145)
7290	50	Thiruvananthapuram	0230-0430(Sun 1030), 0630-1000
7295	10	Aizawl	0700-0930(Sun 1000)
7360	100	Delhi (Kingsway)	0700-1330
7410	250	Delhi (Khampur)	1315-1415 Dari, 1415-1530 Pushtu (Afghan, Pakistan)
7410	250	Aligarh	1615-1730 Hindi (W. Asia)
7410	250	Delhi (Khampur)	1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)
7420	50	Guwahati	0025-0430 0700-1330 1430-1740
9425	500	Bangalore	1320-0043
9445	500	Bangalore	1745-1945 English (W NW Africa), 2045-2230 English(W. Europe)
9470	250	Aligarh	1320-0043
9575	50	Delhi (Kingsway)	1215-1330 Tibetan (Tibet), 1330-1420 1430-1440 1445-1615/1630/ 1700/1730v, 1730-1740 HS
9595	250	Delhi (Khampur)	0015-0430 Urdu (Pakistan)
9595	50	Delhi (Kingsway)	0700-0800 Nepali (Nepal)
9595	250	Aligarh	0810-0830 HS, 0830-1130 Urdu (Pakistan), 1130-1140 HS
9620	250	Aligarh	1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan)
9635	250	Aligarh	0100-0200 Sindhi (Pakistan)
9690	500	Bangalore	1330-1500 English (E SE Asia)
9705	250	Panaji	2245-0045 English (E SE Asia)
9810	250	Panaji	0130-0230 Nepali (Nepal)
9820	250	Panaji	1300-1500 Sinhala (Sri Lanka), 1530-1545 English
9835	100	Delhi (Kingsway)	0000-0045 Tamil (Sri Lanka)
9835	250	Delhi (Khampur)	0215-0300 Pushtu, 0300-0345 Dari (Afghanistan, Pakistan)
9835	50	Delhi (Kingsway)	1330-1420 1430-1440 1445-1615/1630/1700/1730v, 1730-1740
9875	250	Delhi (Khampur)	1615-1715 Russian (E. Europe)
9890	100	Delhi	0730-0830
9905	250	Aligarh	1615-1730 Persian, 1730-1945 Arabic (W.Asia), 1945-2030 French (W NW Africa)
9910	250	Aligarh	0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)
9910	250	Delhi (Khampur)	1315-1415 Dari, 1415-1515 Pushtu (Afghanistan,Pakistan) 1530-1545 English
9910	250	Aligarh	0000-0045 Tamil (SE Asia), 2045-2230 English (Australia/NZ), 2300-2400 Hindi (SE Asia)
9950	250	Aligarh	2245-0045 English (NE Asia)

9950	250	Delhi (Khampur)	1515-1615 Swahili, 1615-1730 Hindi (E.Africa), 1745-1945 English, 1945-2045 Hindi, 2045-2230 English (W. Europe)
10330	500	Bangalore	0025-0435 0900-1200 1245-1740 (Vividh Bharati)
11585	250	Delhi (Khampur)	1230-1500 Sindhi, 1500-1600 Baluchi (Pakistan), 1615-1730 Persian, 1730-1945 (Arabic) W.Asia
11620	250	Delhi (Khampur)	0100-0430, 0830-1130 Urdu (Pakistan),1130-1140 HS, 1330-1500 English (E SE Asia), 2245-0045 English (E SE NE Asia)
11620	250	Delhi (Khampur)	1215-1315 Burmese (Myanmar), 1745-1945 English (Europe)
11620	500	Bangalore	1515-1600 Gujarati (E. Africa), 1615-1715 Russian (E. Europe), 1745-1945 English, 1945-2045 Hindi(Europe), 2045-2230 English (Australia/NZ/Europe)
11620	1000	Bangalore	2245-0045 English (NE Asia)
11645	250	Delhi (Khampur)	1115-1140 HS, 1215-1315 Burmese (Myanmar)
11710	50	Delhi (Kingsway)	0130-0230 Nepali (Nepal)
11715	250	Delhi (Khampur)	2045-2230 English (Australia/NZ)
11715	250	Panaji	0400-0430 Persian, 0430-0530 Arabic (West Asia), 0530-0600 Urdu (Haj Season)
11735	250	Aligarh	0215-0300 Pushtu, 0300-0345 Dari (Pakistan, Afghanistan)
11740	250	Panaji	2300-2400 Hindi, 0000-0045 Tamil,(SE Asia), 0045-0115 Sinhala, (Sri Lanka), 1530-1545 English
11775	250	Panaji	1215-1330 Tibetan (Tibet), 1330-1430 Nepali (Nepal)
11830	50	Delhi (Kingsway)	0125-0340 (Sun 0355)
11840	250	Panaji	0315-0415 Hindi (West Asia)
11840	250	Delhi (Khampur)	1145-1315 Chinese (NE Asia)
11850	50	Delhi (Kingsway)	0700-0800 Nepali (Nepal)
11935	100	Mumbai	1745-1945 English (E.Africa)
11985	250	Delhi (Khampur)	0000-0045 Tamil, 0045-0115 Sinhala (Sri Lanka)
11985	500	Bangalore	0215-0300 Kannada (W.Asia)
12025	250	Panaji	1615-1730 Hindi, 1730-1830 Malayalam (W. Asia )
13605	250	Bangalore	1515-1615 Swahili (E.Africa)
13605	500	Bangalore	1745-1945 English, 1945-2030 French (W NW Africa)
13605	1000	Bangalore	2245-0045 English (E SE Asia)
13620	500	Bangalore	1730-1945 Arabic (W. Asia), 1945-2030 (W NW Africa)
13645	250	Aligarh	1115-1200 Thai (SE Asia)
13695	500	Bangalore	0315-0415 Hindi (W.Asia)
13695	500	Bangalore	1000-1100 English (NE Asia, Australia/NZ), 1115-1215 Tamil, 1215-1245 Telegu (SE Asia), 1330-1500 English (E SE Asia)
13770	500	Bangalore	1615-1730 Hindi (W. Asia)
13795	250	Bangalore	0000-0045 Tamil, 2300-2400 Hindi (SE Asia)
15020	250	Aligarh	1000-1100 English (NE Asia)
15050	250	Delhi (Khampur)	1115-1215 Tamil, 1300-1500 Sinhala (Sri Lanka)
15075	500	Bangalore	0215-0300 Kannada (W.Asia), 0415-0430 Gujarati, 0430-0530 Hindi (E.Africa)
15075	1000	Bangalore	0315-0415 Hindi (W.Asia, E.Africa)
15075	250	Delhi (Khampur)	1615-1730 Hindi, 1745-1945 English (E. Africa)
15135	50	Delhi (Kingsway)	0125-0205 0215-0310 (Sun 0355)
15140	250	Delhi (Khampur)	1615-1715 Russian (E. Europe)
15155	250	Aligarh	1745-1945 English (W. & NW Africa)
15175	500	Bangalore	1515-1600 Gujarati (E. Africa)
15185	250	Aligarh	0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)
15185	50	Delhi (Kingsway)	0730-0930 1115-1140
15260	50	Delhi (Kingsway)	0700-0930 HS, 1000-1100 English (Sri Lanka)
15410	250	Panaji	1115-1200 Thai (SE Asia)
15410	500	Bangalore	1000-1100 English (NE Asia)
15770	250	Aligarh	0400-0430 Persian, 0430-0530 Arabic (W.Asia), 0845-0945 Indonesian, 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)
15795	500	Bangalore	1145-1315 Chinese (NE Asia)
17510	250	Delhi (Khampur)	0845-0945 Indonesian (SE Asia), 1000-1100 English (Australia/NZ)
17670	250	Delhi (Khampur)	1515-1615 Swahili, 1615-1730 Hindi, 1745-1945 English (E.Africa)
17705	500	Bangalore	1145-1315 Chinese (NE Asia)
17715	250	Delhi (Khampur)	0315-0415 Hindi, 0415-0430 Gujarati, 0430-0530 Hindi (E. Africa, Mauritius)
17740	250	Delhi (Khampur)	1115-1200 Thai (SE Asia)
17800	500	Bangalore	1000-1100 English (NE Asia)
17810	250	Panaji	1115-1215 Tamil, 1215-1245 Telegu (SE Asia)
17845	250	Delhi (Khampur)	0400-0430 Persian, 0430-0530 Arabic (W.Asia) 0530-0600 Urdu (Haj Season)
17860	100	Delhi (Kingsway)	1115-1215 Tamil (Sri Lanka), 1220-1245 HS



17875 250 Aligarh 0845-0945 Indonesian (SE Asia)  
 17895 250 Aligarh 1000-1100 English (Australia/NZ)  
 Hol = Holiday, HS = Home Service, V = Timings vary  
 Target areas of External Service listed in brackets.  
 Some frequencies are used both by Home & External Services.  
 Extended broadcasts by HS for sports events.

(Jose Jacob - dx india yg at BCLNEWS.IT website updated at 4. June 2006; via JKB)

**AIR** has the local music service called "**FM RAINBOW**" since begin of the year on more than 12 FM stations all over India. At the moment they run this service also on shortwave on 10330 kHz. In Europe this SW transmission has been heard in excellent signal in the afternoon until 2300 UTC. Before this week on 10330 kHz there was listed the AIR Bangalore Hindi programme by several DXers. For the Hindi program, Indian Pop mx, Jingles "FM Rainbow", "Music Station", "FM Music", "All the time on All India Radio", "FM Rainbow 103,6", "FM also on 101,9 and 103,6", also e-mail address given and postal address: A.I.R. Rainbow, P.O.Box 463, Akashwani Pawan, Parliament Street, New Delhi - 110001 India. For the English Px they play international Pop-mx from the 50s until today. On 28.06. the played Elvis Presley, the Beach Boys, Pink Floyd and also Brittney Spears in the Playlist, with comments from the speaker, interrupted by Jingles and advertisements for Indian Tea. F M Rainbow channels have already been started this year at Aligarh (UP), Bhatinda (Punjab), Goa, and Hyderabad, Vijayawada and Visakhapatnam in Andhra Pradesh. The announced frequencies of the mentioned SW-BC are not in the Homepage of AIR FM Rainbow Channel <[http://www.allindiaradio.org/schedule/fm\\_rain.html](http://www.allindiaradio.org/schedule/fm_rain.html)>. Therefore the situated transmitter is not clear at Bangalore as reported from some DXers, and the local service is not really identified, could be also Delhi. Reception reports can be send over the all well known Homepage: <<http://www.allindiaradio.org/recepfdk.html>>.  
 (Harald Suess - ADXB-OE, via WWDXC-HQ; June 30, 2006)

**JAPAN:** The station **Shiokaze** ("**Sea Breeze**") commenced in Oct 2005 to collect information about abducted Japanese citizens in North Korea and encourage them until their rescue operation is completed. The program was being exposed to severe jamming, presumably from North Korea since early May. From Jun 15, the following frequency changes were made: 1030-1100 9855, 2030-2100 9785. The 1030 program is either in Korean, English, Chinese or Japanese. Depending on the day of the week, news in Korean, English and Japanese and readings of the victims names and personal data in Korean, English, and Chinese are given. The 2030 program includes reading of the victims names, letters, and voice calls by the victims families, all in Japanese. As far as confirmed in the Tokyo suburban area, jamming remains on the former frequency of 5890 and the new frequencies are not jammed as of June 27. (Japanese SW Club in WORLD BROADCASTING MAGAZINE #354 by EDXP; via WWDXC-HQ; July 2, 2006)

**LITHUANIA:** Relay schedules of **Radio Baltic Waves** (RBW) and Radio Baltic Waves Vilnius 612 kHz 100 kW (RBW).  
 0300-0500 RFE-RL, Belarusian  
 0500-0600 European Radio for Belarus, Belarusian  
 0600-0700 Radio Racja, Belarusian\*  
 0700-0900 VOR-Russkoye Mezhdunarodnoye Radio, Russian  
 0900-1300 VOR-Radiokanal Sodruzhestvo, Russian  
 1300-1500 VOR-Russkoye Mezhdunarodnoye Radio, Russian  
 1500-2100 RFE-RL, Belarusian  
 2100-2200 Radio Polonia, Belarusian  
 Sitkunai 1386 kHz 500 kW (RBWI)  
 1902-2000 China Radio International, Czech  
 2000-2100 China Radio International, English\*  
 Bubiai 1386 kHz 7 kW (RBWI)  
 1500-1630 RFE-RL, Russian  
 Giruliai (Klaipeda) 1386 kHz 25 kW (RBWI)  
 2100-2300 Radio MiAmigo, English (Sun only)\*  
 Sitkunai 1557 kHz 150 kW (RBWI)  
 1600-1700 Radio Polonia, Polish\*  
 1700-1800 Radio Polonia, Belarusian\*  
 1800-2000 China Radio International, Russian  
 2000-2100 China Radio International, Polish  
 2000-2200 China Radio International, Chinese  
 (B. Trutenau, mwdx, via BC-DX #762, 2006 May 31)

**MISCELLANEOUS:** The B06 *High Frequency Coordinating Conference* (HFCC) will take place in suburban Athens, Greece August 28-September 1, 2006. The host for the conference is ERT Hellenic Radio and Television, which operates the overseas service Voice of Greece. Shortwave frequency planners from around the world will take part in this meeting, which is designed to coordinate shortwave frequency usage and eliminate potential interference before it happens. (NASB Newsletter June 2006, via WWDXC-HQ)

**Shortwave broadcasting in DRM** (Digital Radio Mondiale) format can take place between 2 and 26 MHz, providing local, regional, national or global coverage. Antennas for regional, national or global coverage can be located far from the intended audience area on relatively inexpensive land. An antenna for local coverage using 26 MHz must be located within line of sight of the audience area, like FM and TV. These local transmissions would use low power (100 to 1000 watts). For long range shortwave coverage (thousands of kilometers), transmitters of 50 to 500 kilowatts are used in a frequency range of 6 to 21 MHz. This requires antennas with directional patterns and low take-off angles. Typical antennas used include a dipole array (with towers 120 meters tall) and a high-gain log periodic (with towers 70 meters tall). An example of long range coverage using DRM would be a transmit site of Mexico City with a 500-kilowatt transmitter using a 4/4/0.5 dipole array antenna to cover all of the West Coast of the United States (a range of 3800 kilometers). This would produce a signal strength of 55 to 65 dBu (560-1780 uV/m). Regional shortwave coverage using DRM would be for distances of 100 to 1500 kilometers using 10 to 100 kilowatt transmitters on frequencies between 2 and 18 MHz. This requires antennas using either directional or omnidirectional patterns and high take-off angles. Typical antennas for this type of broadcasting would include a broadband dipole (25 meters tall) and a short range log-periodic (40 meters tall). A theoretical example of regional coverage would be a transmit site of Syracuse, New York using a 50-kilowatt transmitter and an omnidirectional HF antenna [not permitted at this time by FCC rules]. This would cover New England, New York, New Jersey and the Mid-Atlantic states (0 to 600 kilometers) with a signal strength of 50 to 55 dBu (320-560 uV/m). 26 MHz local coverage with DRM provides line of sight coverage, similar to FM. The transmitter power is 100 to 1000 watts, covering a radius of 50 to 75 kilometers. The antenna for this type of local DRM broadcasting must suppress the skywave coverage to avoid interfering with distant stations. Field tests were conducted in the San Francisco area in December of 2005, and they verified the coverage of a TCI skywave suppressing antenna. The antenna location was Milpitas, California. The antenna elevation was 100 meters above sea level using 150 watts on 26 MHz. Signal strength was measured at 23 locations. At the recent NAB Convention in Las Vegas, a 26 MHz demonstration was conducted at a site 20 kilometers from the Las Vegas Convention Center using a Transradio exciter, a 30-watt CEC amplifier and a TCI skywave suppressing antenna. This provided excellent signal strength at the Convention Center and local hotels. A propagation analysis using VOACAP has been performed to compare the TCI skywave suppression antenna with a standard vertical dipole. Conclusions drawn from this analysis are that Sporadic E propagation could cause some interfering signals at times of high sunspot numbers in the winter. The skywave suppression type of antenna will not propagate sufficient signal to cause interference. Standard dipole or yagi antennas will cause signals to propagate at higher levels which may cause interference. A transmitter power of 300 watts appears to be the optimum level to ensure interference is not a problem, even using the skywave suppression type of antenna. (Gordon Sinclair of TCI International at the American Shortwave Conference 2006 in NASB Newsletter June 2006, via WWDXC-HQ)

**A06 Transmissions in Italian**, compiled by Roberto Scaglione, Italy, version 26 June 2006 at BCLNEWS.IT website.

0000-2400	RTSI R. Svizzera Italiana 1	LOC	558 Monte Generi
0000-2400	Radio Studio X	LOC	1584 Momigno (AM stereo) 1566 Momigno (DRM test)
0000-2400	Radio 106	LOC	1404 Dinazzano (very irr.)
0000-2400	Radio Verona	LOC	1584 Verona (irr.)
0000-2400	Rete Italia	LOC	801 Gosford - 1539 Sidney - 1575 Wollongong - 1593 Melbourne - 1611 Griffith - 1620 Queanbeyan - 1629 Shepparton - 1629 Brisbane - 1629 Adelaide
0130-0230	RAI International	AM	6110 - 11765 Ascensione
0130-0315	RAI International	AM	9840 - 11800 Roma Prato Smeraldo
0300-0400	Special Broad. Service	LOC	1413 Newcastle - 1485 Wollongong (da sabato a martedì)
0435-0445	RAI International	MED	6145 - 6110 - 7235 Roma Prato Smeraldo
0455-0530	RAI International	AF	11900 Roma Prato Smeraldo

0400-2200	RAI Radiouno	IT	567 - 657 - 693 - 819 - 873 - 900 - 990 - 936 - 981 - 999 - 1035 - 1062 - 1107 - 1116 - 1143 - 1296 - 1314 - 1368 - 1575 - 1431 - 1449 - 1485 - 1575 - 1584 varie
0400-2200	Radio Koper Capodistria	IT	1170 Beli Kriz
0530-0545	Radio Giappone	EU	11970 Moyabi
0600-0615	R. Vaticana	AF- EU-AS	585 - 4005 - 5885 Città del Vaticano - 1530 - 6185 - 7250 - 9645 - 11740 - 15595 S. Maria Galeria (festivi -0610)
0600-0700	Radio Cina Internazionale	EU	17515 Kashi
0600-0700	WYFR	EU	9985 Okeechobee
0630-0730	VOIRI	EU	11555 Sitkunai - 13770 - 15085 Sirjan
0700-1300	RAI International	EU	6195 Roma Prato Smeraldo
0700-0745	WYFR	EU	11580 Okeechobee
0730-0815	R. Vaticana	EU	585 - Città del Vaticano - 7250 S. Maria Galeria (solo festivi)
0800-0900	R. Santec / Vita Universale	LOC	1584 Momigno (solo la domenica - via Radio Studio X)
0815-0930	R. Vaticana	EU	585 - 1611 DRM - 5885 Città del Vaticano (solo mercoledì)
0900-1000	AWR Europe	EU	11775 Julich (solo domenica)
1000-1100	RAI International	AUS	11920 Singapore
1005-1035	AWR Europe	LOC	1584 Momigno (AM stereo - solo la domenica, via Radio Studio X)
1000-1100	R. Vaticana	AF-EU - AS	585 - 1611 DRM - 5885 Città del Vaticano - 1530 - 7250 - 9645 - 11740 - 15595 - 17515 - 21850 S. Maria Galeria (solo la domenica)
1000-1100	R. Vaticana	EU	585 - 1611 DRM - 5885 Città del Vaticano (da lunedì a sabato)
1030-1045	R. Giappone	EU	21820 Moyabi
1030-1100	R. Corsa Frequenza Mora	LOC	1404 Ajaccio - 1494 Bastia (solo il sabato)
1100-1200	Spectrum R.	LOC	558 Crystal Palace (solo la domenica)
1200-1230	R. Vaticana	AF-EU - AS	585 - 1611 DRM - 5885 Città del Vaticano - 7250 - 9645 - 11740 - 15595 - 21850 S. Maria Galeria
1245-1630	RAI International	AM	9670 - 11885 - 17570 - 17780 - 21515 Roma Prato Smeraldo (solo la domenica)
1303-1400	R. Tunisi Internazionale	EU	963 Jedeïda
1400-1425	RAI International	AM	15280 - 17780 Roma Prato Smeraldo (da lunedì a sabato)
1400-1430	Voce della Croazia / Radio Pola	EU	774 Hvar - 783 Buje - 1134 Zadar - 1125 Deanovec - 1143 Osijek (da lunedì a venerdì)
1400-1500	Spectrum R.	LOC	558 Crystal Palace (solo la domenica)
1430-1500	R. Vaticana	EU	5885 Città del Vaticano - 7250 - 9645 S. Maria Galeria
1500-1525	RAI International	MED	9670 - 11655 - 11720 Roma Prato Smeraldo (da lunedì a sabato)
1500-1600	BBC Three Counties Radio	LOC	630 Luton - 1161 Kempston (solo la domenica)
1500-1600	Special Broad. Service	LOC	1413 Newcastle - 1485 Wollongong (da mercoledì a venerdì)
1530-1600	R. Vaticana	EU	585 - 5885 Città del Vaticano - 1530 - 7250 - 9645 S. Maria Galeria
1555-1625	RAI International	EU	9670 - 11855 Roma Prato Smeraldo (da lunedì a sabato)
1600-1700	WYFR	EU	21670 Okeechobee
1630-1658	R. Budapest	EU	3975 Jaszbereny - 6025 Jaszbereny
1630-1656	R. Romania Internazionale	EU	7135 (N. 7170) Tiganesti
1630-1700	Voce della Turchia	EU	9610 Emirler
1700-1730	HR Chronos	EU	594 Francoforte & Hoher Meissner (da lunedì a sabato)
1700-1730	SWR Content-radio	LOC	666 Rohrdord - 711 Dossenheim - 711 Heilbronn - 711 Ulm - 1017 Wolfsheim - 1485 Baden-Baden
1700-1730	Funkhaus Europa	LOC	594 Hessen - 702 Flensburg - 828 Hannover - 792 Lingen - 972 Amburgo
1700-1800	RAI International	AF	5985 - 7175 - 9845 - 11970 - 15385 Roma Prato Smeraldo - 15320 Ascensione
1700-1800	R. Cina Internazionale	EU	1458 Fllakë
1700-1800	Voce di Russia	EU	936 Sodruzhestvo - 12000 Mosca (12040 dal 3/9)

1730-1800	R. Internazionale della Serbia e Montenegro	EU	12070 - 15465 Mosca
1800-1900	R. Cairo	EU	9620 Bijeljina (trasmissione sospesa)
1800-1900	WYFR	EU	9988 Abis
1800-1900	R. Cina Internazionale	EU	17750 Okeechobee
1830-1856	R. Romania Internazionale	EU	7150 Jinhua - 7340 Kashi
1830-1900	R. Corsa Frequenza Mora	LOC	7135 Tiganesti
			1404 Ajaccio - 1494 Bastia (solo il lunedì)
1830-1905	RAI International	AM	15380 - 17780 Roma Prato Smeraldo
1845-1900	R. Santec / Vita Universale	LOC	1584 Momigno (via Radio Studio X)
1845-1915	TWR	EU	1467 Romoules (da lunedì a venerdì)
1900-1930	R. Vaticana	EU	585 Città del Vaticano - 1530 - 4005 - 5885 S. Maria Galeria (domenica e festivi -1920)
1900-1930	R. Tirana	EU	6225 Shijak (da lunedì a sabato)
1900-2000	RAE Argentina	EU	9690 - 15345 General Pacheco (da lunedì a venerdì)
1900-2000	WYFR	EU	9490 Mosca
1920-1950	R. Vaticana	EU	1260 - 1611 Città del Vaticano - 5980 S. Maria Galeria (solo lunedì)
1930-2000	VOIRI	EU	5910 Kamalabad - 7380 Sirjan
2030-2056	R. Romania Internazionale	EU	7130 Tiganesti
2030-2058	R. Budapest	EU	3975 Jaszbereny - 6025 Jaszbereny
2030-2130	R. Cina Internazionale	EU	7180 Kashi - 7265 Urumqui
2100-2210	R. Vaticana	EU	585 - 1611 DRM - 4005 Città del Vaticano - 1530 - 5885 S. Maria Galeria (domenica e festivi -2150)
2200-0400	RAI Notturmo Italiano	EU	657 Napoli Marcianise - 900 Milano - 1107 Monte Ciocci - 6060 Roma Prato Smeraldo
2240-0055	RAI International	AM	9840 - 11800 Roma Prato Smeraldo
2300-2330	AWR Europe	LOC	1584 Momigno (AM stereo - solo il martedì, via Radio Studio X)
2300-0000	R. Vaticana	EU	1530 DRM S. Maria Galeria

LOC = Local transmission

(Roberto Scaglione, Italy, at BCLNEWS.IT website, version 26 June 2006; via JKB)

**Language based shortwave broadcasts** sorted by time. Credits to Eike Bierwirth, Leipzig (Germany), who compiled a comprehensive shortwave broadcasting-schedule list of stations on the air in various languages, version May 18, 2006. Based on this data I filtered language-based transmissions. Days are 1 = Mon .. 7 = Sun.

**English Part 1 of 2** (transmission starting 0000-1159), English part 2 will be published in next issue of DXM. Note: E = English, EDI = English, German, Italian:

STARTSTOP	DAY	ITU	STATION	LAN	TARG	FREQUENCY
0000	0015	J	NHK Radio Japan	E	SEA	13650 17810
0000	0027	CZE	Radio Prague	E	NAM	7345 9440
0000	0030	AUS	HCJB Australia	E	SAs	15405
				E	FE	15525
0000	0030	G	BBC World Service	E	ME	9410/CYP
				E	SAs	5970/OMA 9790/OMA
				E		11955/THA 15310/THA
				E	SEA	3915/SNG 6195/SNG
				E		9740/SNG 15360/SNG
				E	FE	11945/J 15280/THA 17615/THA
0000	0030	THA	Radio Thailand	E	EAF	9570
0000	0030	USA	Voice of America	E	ME	1593/KWT
				E	SEA	1575/THA
0000	0045	USA	WYFR Family Radio	E	ENA	6065
				E	WNA	9505
				E	CAM	11835
				E	SAM	17805
0000	0100	AUS	Radio Australia	E	Oc	9660b 12080b 13670 15240
				E		15415\$ 17715 17750
				E		17775d 17795
0000	0100	CAN	Radio Canada Int.	E	SEA	11700/CHN-k
0000	0100	CHN	China Radio Int.	E		6020/ALB 6075ka 7130ka
				E		9570/ALB 9725u 11885x
				E		13750b 15115b
0000	0100	D	Deutsche Welle	E	SAs	1548/CLN 9695/RRW 9825w
				E		9885/CLN
0000	0100	E	Radio Exterior España	E	NAM	15385

0000 0100		G	BBC DIGITAL	E	NAm	6010/CAN
0000 0100		HOL	Radio Nederland	E	ENA	9845/ATN
0000 0100		J	NHK Radio Japan	E	NAm	6145/CAN
0000 0100		UKR	Radio Ukraine Int.	E	NAm	7440m
0000 0100	Mo-Fr	USA	WHRI World Harvest R.2	E	NAm	9820
0000 0200		CAN	Radio Canada Int.	E	ENA	9755
				E	CAM	9755
0000 0200		USA	Dr.Gene Scott	E	CAM	5030/CTR 13750/CTR
				E	NAm	6090/AIA 9725/CTR
				E	SAm	6150/CTR 7375/CTR
0000 0400	Tu-Sa	USA	WRMI Radio Miami Int.	E	NAm	7385
0000 0400	Su,Mo	USA	WRMI Radio Miami Int.	E,S	Car	9955
0000 0500		USA	WEWN Birmingham, AL	E	NAm	5035
				E	Eu	5835
0000 0500		USA	WWRB Manchester, TN	E	NAm	5050 5745
0000 1300		USA	WWRB Manchester, TN	E	NAm	3185
0000 1400		USA	KAIJ Frisco, TX	E	NAm	5755
0000 1500		USA	KTBN Salt Lake City, UT	E	NAm	7505
0000 2400		CAN	CFRX Toronto (CFRB Px)	E	NAm	1010 6070
0000 2400		CAN	CFVP Calgary (CKMX Px)	E	NAm	6030
0000 2400		G	WRN DIGITAL London	E	G	26000 26080
0000 2400		LUX	RTL DIGITAL	E	Eu	25795
0000 2400		MLA	RTM Traxx FM	E	MLA	7295
0000 2400		NZL	ZLXA Reading Service	E	NZL	1602 3935
0000 2400		PNG	Wantok Radio Light	E	PNG	7120
0000 2400		USA	KGON Portland, OR	E	USA	25950
0000 2400		USA	WBCQ Monticello, ME	E	NAm	5110 7415
0000 2400		USA	WBOH Newport, NC	E	SAm	5920
0000 2400		USA	WFLA Tampa, FL	E	USA	25870
0000 2400		USA	WLW Cincinnati, OH	E	USA	26450
0000 2400		USA	WTJC Newport, NC	E	NAm	9370
0030 0045	Su	USA	Pan American Broadc.	E	SAs	9640/D-w
0030 0100		G	BBC World Service	E	ME	9410/CYP
				E	SAs	5970/OMA 9580/SNG 9790/OMA
				E		11955/THA 15310/THA
				E	SEA	6195/SNG 9740/SNG 15360/SNG
				E	FE	15215/THA 15280/THA
0030 0100	Fr-Su	G	Bible Voice	E	SAs	6010/UAE
0030 0100		LTU	Radio Vilnius	E	NAm	11690
0030 0100		THA	Radio Thailand	E	NAm	5890/USA-g
0030 0100		USA	Voice of America	E	SEA	1575/THA 9715/THA
				E		9780/PHL 15185/PHL-x
				E		15205/PHL-x 15560/THA
				E	FE	15290/PHL 17820/PHL
				E	Oc	17740/PHL
				E	ME	1593/KWT
0035 0040		IND	AIR Delhi	E	IND	7150d
0035 0100	Mo,Su	AUT	oe1 international	E	SAm	9870
0043 0100	Tu-Sa	AUT	oe1 international	E	SAm	9870
0045 0100		USA	WYFR Family Radio	E	ENA	6065
				E	WNA	9505
				E	CAM	11835
0055 0115		I	RAI International	E	NAm	11800
0100 0127		CZE	Radio Prague	E	NAm	6200 7345
0100 0130	Su	D	Radio Santec	E	SAs	9480w
0100 0130		HNG	Radio Budapest	E	NAm	9590
0100 0130		SVK	Radio Slovakia Int.	E	NAm	5930
				E	LAm	9440
0100 0130		VTN	Voice of Vietnam	E	NAm	6175/CAN
0100 0200		AUS	Radio Australia	E	Oc	9660b 12080b 13670 15240
				E		15415 17715 17750
				E		17775d# 17795
0100 0200		CAN	Radio Canada Int.	E	WNA	13710
0100 0200		CHN	China Radio Int.	E	NAm	9790/CAN
				E		6020/ALB 6075ka 9410ka
				E		9570/ALB 9580/CUB 9725u
				E		11870ka 15115b 15785x
0100 0200		CHN	China Radio DIGITAL	E	NAm	6140/CAN

0100 0200	G	BBC World Service	E	ME	9410/CYP
			E	SAs	11955/OMA 15310/THA
			E		17790/SNG
			E	SEA	6195/SNG 15360/SNG
			E	FE	15280/THA
0100 0200	HOL	Radio Nederland	E	CNA	9845/ATN
0100 0200	J	NHK Radio Japan	E	SEA	11860/SNG 17810
			E	As	17845
			E	SAs	15325
			E	Oc	17685
			E	NAm	17825
			E	CAM	17825
			E	SAM	11935/ATN
			E	ME	5960/G-r 17720
0100 0200	KRE	Voice of Korea	E	FE	3560 7140 9345 9730
			E	CAM	11735 13760 15180
0100 0200	ROU	Radio Romania Int.	E	NAm	9690 11825
0100 0200	RUS	Voice of Russia	E	NAm	7250/ARM 9665/MDA
			E		15555v 15595v
0100 0200	TWN	Radio Taiwan Int.	E	FE	15465
			E	SEA	11875
0100 0200	USA	Voice of America	E	SAs	9885/MRC 11705/CLN 11725/THA
0100 0200	USA	WYFR Family Radio	E	ENA	6065
			E	WNA	9505
			E	SAs	15195/TWN
0100 0300		AUS	E	As	7355/UZB
0100 0300	Mo-Fr	USA	E	NAm	9515
0100 0300		USA	E	NAm	7490
0100 0430		CLN	E	SAs	6005 9770 15745
0100 0500		CUB	E	NAm	6000 6060 9820
0100 0500		HWA	E	FE	17655
0100 0500		USA	E	Eu	5850
0100 0600	SaSu	USA	E	NAm	7315
0100 0900		USA	E	NAm	3215
0100 1100		USA	E	NAm	5765
0105 0130	Mo,Su	AUT	E	CAM	9870
0113 0130	Tu-Sa	AUT	E	CAM	9870
0115 0120	Mo-Fr	KGZ	E	CAs	4010 4795
0115 0130	Tu-Fr	G	E	SAs	7365/ARM
0130 0200		S	E	As	9435/MDG
			E	NAm	6010/CAN
0130 0200	Tu-Sa	USA	E	Car	7405g 13740d
0130 0230		IRN	E	NAm	7235s 9495k
0133 0200	Mo,Su	AUT	E	ENA	9870
0140 0200		CVA	E	SAs	9650 12055
0143 0200	Tu-Sa	AUT	E	ENA	9870
0145 0200	Tu-Su	ALB	E	NAm	6115 7455
0145 0200	We	AUS	E	SAs	15405
0200 0230	12356	BLR	E	Eu	5970 6170 7210
0200 0230		HRV	E	SAM	9925/D-w
			E	NAm	9925/D-w 9925/D-n
			E	Eu	774 783 1125 1134 1143
0200 0245		USA	E	ENA	6065
			E	WNA	9505
			E	CAM	11835
			E	Car	5985 11855
0200 0300	Tu-Sa	ARG	E	Am	11710
0200 0300		AUS	E	Oc	9660b 12080b 13670 15240
			E		15415 15515 17750 21725
0200 0300		BRM	E	SEA	576 7185
0200 0300		BUL	E	NAm	9700 11700
0200 0300		CHN	E		9480/GUF 9550ka 11770ka
13640ka					
0200 0300	G	BBC World Service	E	SEA	15360/SNG
			E	SAs	11955/OMA 15310/THA
			E		17790/SNG
			E	FE	15280/THA
			E	ME	11760/CYP

0200 0300	INS	Voice of Indonesia	E	Eaf	6005/SEY
0200 0300	KOR	KBS World Radio	E	SAs	9525 11785
			E	NAm	9560/CAN 15575
			E	SAm	11810
0200 0300	KRE	Voice of Korea	E	SEA	4405 13650 15100
0200 0300	RUS	Voice of Russia	E	Eu	603/D
			E	NAm	9665/MDA 9860/CVA
			E		15555v 15595v
0200 0300	TWN	Radio Taiwan Int.	E	CNA	9680/USA-o
			E	ENA	5950/USA-o
0200 0300	USA	KJES Vado, NM	E	WNA	7555
0200 0330	EGY	Radio Cairo	E	NAm	7270z
0200 1000	USA	Dr.Gene Scott	E	CAM	5030/CTR
			E	SAm	6150/CTR 7375/CTR
			E	NAm	6090/AIA 9725/CTR
0200 1200	USA	WCCR 2	E	NAm	5935
0230 0300	Tu-Su	ALB	E	NAm	6115 7455
0230 0300	Su	BLR	E	Eu	5970 6170 7210
0230 0300		HNG	E	NAm	9795
0230 0300		S	E	NAm	6010/CAN
0230 0300		VTN	E	NAm	6175/CAN
0230 0320		SUD	E	SUD	4750
0230 0400		CLA	E	SAs	5990
0230 1000		CLN	E	SAs	6130
0245 0300		G	E	Eaf	9610/SEY
0245 0300		IND	E	IND	3945g 6030d 7235d
			E		11830d 15135d
0245 0300	USA	WYFR Family Radio	E	ENA	6065
			E	WNA	9505
			E	Car	5985 11855
0245 2205	ZMB	Zambia NBC Radio 2	E	SAf	6165
0250 0320	CVA	Radio Vaticana	E	NAm	7305 9610
0300 0305	IND	AIR (Nx from Shillong)	E	IND	4970 4990 5050
0300 0320	CVA	Radio Vaticana	E	SAs	15560/RUS-n
0300 0327	CZE	Radio Prague	E	NAm	7345 9870
0300 0330	CVA	Radio Vaticana	E	Eaf	9660
0300 0330	Su	SWZ	E	SAf	3200
0300 0330		THA	E	NAm	5890/USA-d
0300 0330	USA	KJES Vado, NM	E	ENA	7555
0300 0400	AFS	Channel Africa	E	SAf	3345
			E	Eaf	5960
0300 0400	AUS	Radio Australia	E	Oc	9660b 12080b 13670 15240
			E		15415 15515 17750 21725
0300 0400	CHN	China Radio Int.	E	NAm	9690/E 9790/CUB 11770ka
			E		13750b 15110ka 15120b 15785x
0300 0400	G	BBC World Service	E	FE	15280/THA 17760/THA
			E		21660/THA
			E	SAs	15310/OMA 17790/THA
			E	SEA	15360/THA
			E	CAs	15575/OMA
			E	ME	11760/CYP
			E	Eu	6195s 9410/CYP
			E	Waf	6035/AFS 7160/ASC
			E	Eaf	9750/SEY 12035/CYP
			E		15420\$/SEY
			E	SAf	3255/AFS 6005/ASC 6190/AFS
			E	Oc	21610
0300 0400	J	NHK Radio Japan	E	FE	3560 7140 9345 9730
0300 0400	KRE	Voice of Korea	E	Eaf	15355t
0300 0400	OMA	Radio Sultanate Oman	E	Eu	603/D 1548/MDA
0300 0400	RUS	Voice of Russia	E	NAm	9665/MDA 9860/CVA
			E		9880a 15425p
			E		15455ka 15555v 15595v
0300 0400	TUR	Voice of Turkey	E	Eu	5975
			E	NAm	5975
			E	As	7270
			E	Af	7270
0300 0400	TWN	Radio Taiwan Int.	E	SEA	15320

0300 0400		UKR	Radio Ukraine Int.	E	WNA	5950/USA-o
0300 0400		USA	Voice of America	E	SAm	15215/USA-o
				E	NAm	7440m
				E	Af	909/BOT 1530/STP 4930/BOT
				E		6080/STP 7340#/CLN 7405g
				E		9885/BOT 12080/BOT 15580/CLN
0300 0400		USA	WYFR Family Radio	E	ENA	6065
				E	WNA	9505
				E	SAm	11740 15255
0300 0500		USA	WHRI World Harvest R.2	E	NAm	7520
0300 0507	Tu-Sa	CAN	R. Canada Nord-Quebec	E	CAN	9625
0300 0600		AUS	CVC International	E	As	13685/UZB
0300 0600	Mo-Fr	USA	WHRI World Harvest R.1	E	NAm	5860
0300 0700		MLA	Voice of Islam	E	INS	6175
0300 0700		USA	AFRTS	E	NAO	7590/ISL 9380/ISL
				E	Car	5446.5k 7811k 12133.5k
				E	Oc	10320/HWI 13362/GUM
				E	SAs	12579/BIO
0330 0345		ISR	Kol Israel	E	Eu	11590 13720
				E	NAm	11590 13720
				E	SAm	17600
				E	Oc	17600
0330 0357		CZE	Radio Prague	E	ME	9445 11600
0330 0400		VTN	Voice of Vietnam	E	NAm	6175/CAN
0335 0340		IND	AIR Delhi	E	IND	7235d 11830d 15135d
0345 0400		TJK	Radio Tajikistan	E	As	1161 7245y
0345 0600	SaSu	UGA	Radio Uganda	E	EAF	4976 5027
0400 0410		BOT	Radio Botswana	E	SAf	4820 7255
0400 0430		CZE	Radio Prague	E	NAm	6100/CAN
0400 0430		F	Radio France Int.	E	EAF	9805 11700
0400 0445		USA	WYFR Family Radio	E	ENA	6065 6855
				E	WNA	9505
				E	CAM	9715
				E	Eu	7780
				E	SAf	3345
0400 0500		AFS	Channel Africa	E	Oc	9660b 12080b 13670 15240
0400 0500		AUS	Radio Australia	E		15415\$ 15515 17750 21725
0400 0500		CHN	China Radio Int.	E	ENA	6090/CAN
				E	CNA	9560/CAN
				E	WNA	9560/CAN
				E		6020 9755/GUF 13750b 15120b
				E		15785x 17725x 17855b
0400 0500	Sa-Tu	CLA	Radio Nile	E	EAF	9905/MDG 12060/MDG
0400 0500		D	Deutsche Welle	E	EAF	7225/RRW 9630/RRW 15445/CLN
				E	Af	12045w
0400 0500		G	BBC World Service	E	FE	15280/THA 17760/THA
				E		21660/THA
				E	SEA	15360/THA
				E	SAs	15310/OMA 17790/THA
				E	CAs	15575/OMA
				E	Eu	6195r 6195s 9410s
				E	EEu	9410w 12095w
				E	ME	11760/CYP
				E	WAF	6005/ASC 7120/AFS 7160/ASC
				E	EAF	12035/CYP 15420/SEY
				E	SAf	3255/AFS 6190/AFS
0400 0500		G	BBC DIGITAL	E	NAm	6010/CAN
0400 0500		HND	Radio Litoral	E	LAm	4832
0400 0500		HOL	Radio Nederland	E	WNA	6165/ATN
0400 0500		ROU	Radio Romania Int.	E	WNA	9780 11820
				E	As	15110 17870
0400 0500		RUS	Voice of Russia	E	Eu	603/D 630/D 693/D 1431/D
				E	NAm	9665/MDA 9860/CVA
				E		9880a 15555v
0400 0500		USA	Voice of America	E	Af	909/BOT 1530#/STP 4930/BOT
				E		4960/STP 6080/STP
				E		9575g 9885#/BOT 11835/BOT
				E		12080/BOT 15580/CLN



0400 0800	ZMB	Christian Voice	E	SAf	6065	
0400 0900	USA	WMLK Bethel, PA	E	NAm	9265	
0400 1400	USA	WRMI Radio Miami Int.	E,S	Car	9955	
0415 0420	Mo-Fr	KGZ	Kyrgyz Radio	E	CAs	4010 4795
0430 0445	G	BBC World Service	E	Eu	6015/CYP 9815r	
0430 0500	F	Radio France Int.	E	EAF	11700	
0430 0500	Mo-Fr	SWZ	Trans World Radio	E	SAf	3200 4775
0430 2230	NIG	Radio Nigeria Kaduna	E	NIG	4770	
0430 2305	NIG	Radio Nigeria Abuja	E	NIG	909 7275	
0430 2305	NIG	Radio Nigeria Ibadan	E	NIG	6050	
0445 0500	I	RAI International	E	NAf	6145 7235	
			E	ME	6110	
0445 0500	USA	WYFR Family Radio	E	Eu	7780	
			E	CAM	9715	
0500 0530	CVA	Radio Vaticana	E	SAf	9660 11625 13765	
			E	Eu	1530 4005v 5885v 7250	
0500 0530	F	Radio France Int.	E	EAF	11995 13680 15160	
0500 0600	AFS	Channel Africa	E	WAF	9685	
			E	SAf	7240	
0500 0600	AUS	CVC International	E	NIG	9430/D-w	
0500 0600	AUS	Radio Australia	E	Oc	9660b 12080b 13670 15160	
			E		15240 15415\$ 15515 17750	
0500 0600	BTN	Bhutan BS	E	BTN	6035	
0500 0600	CHN	China Radio Int.	E	ENA	6190/CAN	
			E	CNA	9560/CAN	
			E	WNA	9560/CAN	
			E		6020 11710/ALB 11880ka	
			E		15350u 15465ka 17505ka	
			E		17540ka 17725x 17855b	
0500 0600	D	Deutsche Welle	E	SAf	9630/POR 9700/RRW 15410/MDG	
			E	WAF	9700/RRW	
			E	EAF	17800/UAE	
0500 0600	G	BBC World Service	E	FE	15280#/THA 21660/THA	
			E	SAs	15310/OMA 17790/THA	
			E	SEA	11955/THA 15360/SNG	
			E		17760/SNG	
			E	CAs	15575/OMA	
			E	Eu	6195s 6195r 9410s	
			E	EEu	12095w 15565/CYP	
			E	ME	11760/CYP	
			E	WAF	6005/ASC 7160/ASC 11765/AFS	
			E	EAF	15420/SEY 17640/CYP	
			E		17885-/SEY 17885#+/SEY	
0500 0600	J	NHK Radio Japan	E	SAf	3255/AFS 6190/AFS	
			E	SEA	17810	
			E	As	15195	
			E	Oc	21755	
			E	WNA	6110/CAN	
0500 0600	Mo-Fr	NMB	Namibian BC 1	E	Eu	5975/G-r 7230/G-w
0500 0600	RUS	Voice of Russia	E	SAf	6175	
			E	Oc	17635ka 21790i	
			E	Eu	603/D 630/D 693/D	
			E		1323/D 1431/D	
0500 0600	USA	Voice of America	E	Af	909/BOT 4930/BOT 6080/STP	
			E		6180/MRC 12080/BOT 15580/CLN	
0500 0600	USA	WEWN Birmingham, AL	E	NAm	5850	
			E	Eu	5850	
0500 0600	USA	WHRA World Harvest R.5	E	Eu	6145	
0500 0600	USA	WYFR Family Radio	E	ENA	6855	
			E	Eu	9355	
			E	SAf	9525/MDG	
0500 0700	CUB	Radio Habana Cuba	E	NAm	6000 6060 9820 11760	
			E	CAM	9550 11760	
			E	SAM	11760	
0500 0700	NIG	Voice of Nigeria	E	Eu	15120	
0500 0700	SWZ	Trans World Radio	E	SAf	3200 4775 9500	
0500 0800	HWA	KWHR World Harvest R.3	E	FE	13650	
0500 0900	USA	WHRI World Harvest R.2	E	NAm	7465	

0500 1300		HWA	KWHR World Harvest R.4	E	Oc	11565
0500 2300		NIG	Radio Nigheria Ibadan	E	NIG	6050
0505 0520	Mo	AUT	oe1 international	E	ME	17870
0505 0530	SaSu	AUT	oe1 international	E	ME	17870
0515 1545		AUS	CVC International	E	Af	9555/AFS
0525 2400		GHA	Ghana Broadcasting C.	E	Waf	4915
0530 0545	SaSu	G	BBC World Service	E	Eu	9875/CYP
0530 0600		THA	Radio Thailand	E	Eu	17655
0535 0600	SaSu	AUT	oe1 international	E	ME	17870
0545 0600	Tu-Fr	AUT	oe1 international	E	ME	17870
0545 1645		LBR	Radio Veritas	E	Waf	6090
0600 0603		HRV	Voice of Croatia	E	NZL	9470/D-w
				E	AUS	13820/D-j
				E	Eu	774 783 1125 1134# 1143
0600 0615	SaSu	SWZ	Trans World Radio	E	Waf	11640/AFS
0600 0630		F	Radio France Int.	E	Eaf	15160 17800
				E	Waf	9570/ASC
0600 0645	Mo-Fr	SWZ	Trans World Radio	E	Waf	11640/AFS
0600 0700		AFS	Channel Africa	E	Waf	15255
				E	SAf	7240
0600 0700		AUS	Radio Australia	E	Oc	9660b 12080b 13670 15160
				E		15240 15415 15515 17750
0600 0700		CHN	China Radio Int.	E		11750/ALB 11870ka 11880ka
				E		13660x 15140ka 15350ka
				E		15465ka 17505ka
				E		17540ka 17710b
0600 0700		D	Deutsche Welle	E	Waf	7170/POR 15275w 17860/RRW
0600 0700		G	BBC World Service	E	SAs	15310/THA 17790/THA
				E	SEA	11955/THA 15360/SNG
				E		17760/SNG
				E	FE	21660/THA
				E	ME	15575/CYP
				E	Eu	6195r 9410s 9530s
				E	EEu	12095w 15565/CYP
				E	Waf	6005/ASC 9610\$/ASC 11765/AFS
				E	Eaf	17640/CYP 17885+/SEY
				E	SAf	6190/AFS 11940/AFS
0600 0700		HOL	Radio Nederland	E	NZL	9700/ATN
0600 0700		J	NHK Radio Japan	E	SEA	11740/SNG
				E	As	15195
				E	FE	11715 11760
				E	Oc	21755
				E	NAm	13630
				E	HWI	17870
				E	CAm	13630
				E	Eu	7230/G-w
0600 0700		NZL	Radio New Zealand Int.	E	Oc	7145 15720
0600 0700		RUS	Voice of Russia	E	Oc	17635ka 21790i
				E	Eu	603/D 630/D 693/D
				E		1323/D 1431/D
0600 0700		USA	Voice of America	E	Af	909/BOT 1530/STP 6080/STP
				E		6180/MRC 12080/BOT 15580/CLN
0600 0700		USA	WHRA World Harvest R.5	E	Af	7490
0600 0700		USA	WYFR Family Radio	E	WNA	9680
				E	Car	6000
				E	SAf	11530
				E	Eu	7780 11580
				E	Eu	9470/NOR-k
0600 0800		G	BBC DIGITAL	E	INS	6175
0600 0830		MLA	Voice of Malaysia	E	NIG	15640/D-w
0600 0900		AUS	CVC International	E	SEA	15335
				E	NAm	5850
0600 0900		USA	WEWN Birmingham, AL	E	Eu	7570
				E	Eu	6140j
0600 1000		D	Deutsche Welle	E	NAm	7315
0600 1000		USA	WHRI World Harvest R.1	E	Eu	13840
0600 1200		I	IRRS Milano	E	Waf	4760
0600 1200		LBR	ELWA Radio Liberia	E	PNG	4890
0600 1500		PNG	NBC Port Moresby	E		

0600 1630	SaSu	GNE	Radio East Africa	E	Af	15190
0600 1800		G	BBC DIGITAL	E	Eu	7320r
0630 0645	Mo-Sa	CVA	Radio Vaticana	E	Eu	585 1530 4005v 5885v 6185
				E		7250 9645 11740
				E	ME	15595
0630 0700		BUL	Radio Bulgaria	E	WEu	9500 11500
0630 0700	Mo-Fr	CLA	So.Sudan Interactive R.	E	SUD	15535/RUS-a
0630 0700		CVA	Radio Vaticana	E	Waf	11625 13765
				E	CAf	13765 15570
0630 0700		ROU	Radio Romania Int.	E	Eu	9655 11830
				E	Oc	15440 17770
0630 0930	Mo-Fr	SRL	Radio UNAMSIL	E	SRL	6140
0645 0820	Su	USA	Trans World Radio	E	Eu	9800/MCO 11865/ALB
0700 0727		CZE	Radio Prague	E	Eu	9880 11600
0700 0730		CHN	PBS Xizang	E	CHN	4905 4920 5240 6110
				E		6130 6200 9490 9580
0700 0730		SVK	Radio Slovakia Int.	E	Oc	9440 15460
				E	SAs	9440
0700 0745		USA	WYFR Family Radio	E	Eu	7780
				E	Car	9505
				E	CAM	9715
				E	Waf	9930
				E	ENA	6855
				E	WNA	5985
0700 0800		AFS	Channel Africa	E	SAf	7240
0700 0800		AUS	Radio Australia	E	Oc	9660b 9710 12080b 13630
				E		15160 15240 15415 17750
0700 0800		CHN	China Radio Int.	E	As	11880ka 13660x
				E		15350ka 15465ka 17710b
				E	Eu	13710/ALB 17490ka 17540ka
0700 0800		G	BBC World Service	E	FE	21660/THA
				E	SEA	11955/THA 15360/SNG
				E		17760/SNG
				E	SAs	15310/THA 17790/OMA
				E	ME	11760/OMA
				E		15575#/CYP 15575\$/CYP
				E	Eu	15485s 17640s 17830r
				E	Waf	6005#/ASC 11765/ASC
				E		15400/ASC
				E	Eaf	17885+/SEY
				E	SAf	6190/AFS 11940/AFS
0700 0800		HOL	Radio Nederland	E	AUS	9700/ATN
0700 0800		LBR	Star Radio	E	Waf	9525/ASC
0700 0800		RUS	Voice of Russia	E	Oc	17495/TJK 17635ka 21790i
				E	Eu	603/D 630/D 693/D
				E		1323/D 1431/D
				E	As	1251
0700 0800		SEN	West Africa Democracy R	E	Waf	17875/G-r
0700 0800		TWN	Radio Taiwan Int.	E	WNA	5950/USA-o
0700 0820	Mo-Fr	USA	Trans World Radio	E	Eu	9800/MCO 11865/ALB
0700 0830		BRM	Myanma Radio	E	SEA	576 9730
0700 0845	SaSu	G	Bible Voice	E	Eu	5945/D-j
0700 0900		AUS	HCJB Australia	E	Oc	11750
0700 0900		SWZ	Trans World Radio	E	SAf	6120 9500
0700 0900		USA	AFRTS	E	NAO	7590/ISL 9380/ISL
				E	Car	5446.5k 7811k 12133.5k
				E	Oc	6350/HWI 13362/GUM
				E	SAs	12579/BIO
0700 1100		NZL	Radio New Zealand Int.	E	Oc	7145
0700 1200	Mo-Fr	GNE	Radio Africa	E	Af	15190
0715 0750	Sa	USA	Trans World Radio	E	Eu	9800/MCO 11865/ALB
0715 0800	Fr	G	Bible Voice	E	Eu	5945/D-j
0730 0735		IND	AIR Delhi	E	IND	15185d 15260d
0730 0830		PAK	Radio Pakistan	E	Eu	15100 17835
0730 0900	SaSu	GUM	KTWR Trans World Radio	E	SEA	17570
0730 2230		AUS	Australian Broadc.Co.	E	AUS	2310 2325 2485
0740 0900	Mo-Fr	GUM	KTWR Trans World Radio	E	SEA	17570
0745 0800		USA	WYFR Family Radio	E	CAM	9715

				E	Car	9505
				E	Waf	9930
				E	ENA	6855
				E	WNA	5985
0745 0845		CLA	VoJammu-Kashmir Freedom	E	SAs	7230
0800 0810		PAK	Pakistan BC	E	PAK	5860b 9340
0800 0845		USA	WYFR Family Radio	E	Waf	9930
				E	ENA	6855
				E	WNA	5985
				E	CAM	5950
0800 0900	Su	AFS	So.African Radio League	E	SAf	7205
				E	EAF	17695
0800 0900		ALS	KNLS Anchor Point	E	FE	11870
0800 0900		AUS	Radio Australia	E	Oc	5995b 9580 9590 9710 12080b
				E		13630 15240/TWN 15415\$ 17750
0800 0900		BTN	Bhutan BS	E	BTN	6035
0800 0900		CHN	China Radio Int.	E		11620x 11785/ALB 11880ka
				E		13710/ALB 15350ka 15465ka
				E		17490ka 17540ka
0800 0900		G	BBC World Service	E	FE	15360/THA 21660/THA
				E	SEA	11955/THA 15360/SNG
				E		17760/SNG
				E	SAs	15310/THA 17790/OMA
				E	ME	11760/OMA 15575+/CYP
				E	Eu	15485s 17640s
				E	Waf	15400/ASC 17830/ASC
				E	EAF	17885/SEY
				E	SAf	6190/AFS 11940/AFS 21470/SEY
0800 0900		INS	Voice of Indonesia	E	AUS	15150
0800 0900		KOR	KBS World Radio	E	Eu	9640
				E	SEA	9570
0800 0900	Mo-Fr	NMB	Namibian BC 1	E	SAf	6175
0800 0900		RUS	Voice of Russia	E	Oc	17495/TJK 17635ka 21790i
				E	Eu	603/D 630/D 693/D
				E		1323/D 1431/D
				E	As	1251
0800 0900		RUS	Voice of Russia DIGITAL	E	Eu	15780t
0800 0900		TWN	Radio Taiwan Int.	E	SEA	9610
0800 0930	Mo-Fr	GUM	KTWR Trans World Radio	E	Oc	11840
0800 1200		HWA	KWHR World Harvest R.3	E	FE	9930
0800 1330		G	BBC DIGITAL	E	Eu	9470/NOR-k
0800 1400		USA	WRN DIGITAL	E	Eu	9310/BUL 13865/BUL
0800 1700		ZMB	Christian Voice	E	SAf	9865
0815 0930	SaSu	GUM	KTWR Trans World Radio	E	Oc	11840
0830 0900		IND	AIR Delhi	E	IND	15185d 15260d
0830 0900		LTU	Radio Vilnius	E	Eu	9710
0830 0405		CAN	CKZN St John's	E	CAN	6160
0845 0900		USA	WYFR Family Radio	E	ENA	6855
				E	WNA	5985
0900 0927		CZE	Radio Prague	E	Eu	9880
				E	ME	21745
0900 1000		AUS	Radio Australia	E	Oc	9580 9590 11880
				E		15240/TWN 15415\$
0900 1000		CHN	China Radio Int.	E		11620x 15210k 15350ka
				E		17490ka 17690j 17750ka
0900 1000		G	BBC World Service	E	FE	9605/J 15360/THA 21660/THA
				E	SEA	6195/SNG 6195/THA
				E		9740/SNG 17760/SNG
				E	SAs	15310/THA 17790/OMA
				E	ME	11760/OMA 15575/CYP
				E	Eu	15485s 17640s
				E	Waf	15400/ASC 17830/ASC
				E	EAF	17885/SEY
				E	SAf	6190/AFS 11940/AFS 21470/SEY
0900 1000	Su	GRC	Voice of Greece	E	Eu	9420a 12120a 15630a
0900 1000		SEN	West Africa Democracy R	E	Waf	17875/G-r
0900 1000	Su	UN	Radio UNMEE	E	EAF	15135/UAE
0900 1000		USA	WWCR 1	E	NAm	9985

0900 1000		USA	WYFR Family Radio	E	ENA	6855
				E	WNA	5985
				E	CAM	9755
0900 1100		AUS	CVC International	E	As	11955
0900 1100		USA	Brother Stair	E	Eu	6110/D-j
0900 1200		USA	WHRI World Harvest R.2	E	NAM	7520
0900 1400		USA	WEWN Birmingham, AL	E	NAM	5850
0900 1500		USA	AFRTS	E	NAO	7590/ISL 9380/ISL
				E	Car	5446.5k 7811k 12133.5k
				E	Oc	5765/GUM 6350/HWI
				E	SAs	12579/BIO
0900 1700		LUX	RTL DIGITAL	E	WEu	7295/D-n
0900 2200		USA	WJIE Millerstown, KY	E	NAM	7490 13595
0930 0945		ISR	Kol Israel	E	Eu	13680 15760
				E	NAM	13680 15760
1000 1003		HRV	Voice of Croatia	E	Eu	774 783 1125 1143
1000 1020	We,Su	INS	Radio Rep. Indonesia 4	E	SEA	9680
1000 1030		MNG	Voice of Mongolia	E	As	12085
1000 1030		PHL	FEBC Manila	E	SEA	15325
1000 1100		ALS	KNLS Anchor Point	E	FE	9795
1000 1100		AUS	CVC DIGITAL	E	Eu	11815/AUT
1000 1100		AUS	HCJB Australia	E	FE	15400
				E	SEA	15540
1000 1100		AUS	Radio Australia	E	Oc	9580 9590 11880
				E		15240/TWN 15415
1000 1100		CHN	China Radio Int.	E		11610x 11635b 13590b 13620x
				E		13720x 15190ka 15210k
				E		15350ka 17490ka 17690j
1000 1100		G	BBC World Service	E	FE	9605/J 11945\$/THA 15360#/THA
				E		17760/THA 21660/THA
				E	SEA	6195/THA 6195/SNG
				E		9740/SNG 15285\$/SNG
				E	SAs	15310/THA 17790/OMA
				E	ME	11760/OMA 15575/CYP
				E	Eu	15485s 17640s
				E	Waf	15400+/ASC 17830+/ASC
				E	Eaf	17885/SEY
				E	Saf	6190/AFS 11940/AFS 21470/SEY
1000 1100		HOL	Radio Nederland	E	FE	12065/RUS-p 13710/RUS-i
				E		13820/RUS-kh
				E	SEA	13710/RUS-i
1000 1100		HOL	Radio Nederland DIGITAL	E	CEu	7240
1000 1100		IND	All India Radio	E	Oc	13695b 17510k 17895a
				E	FE	15020a 15410b 17800b
				E	CLN	1053 15260d 17860d
1000 1100		J	NHK Radio Japan	E	SEA	9695
				E	As	11730
				E	Oc	21755
				E	ENA	6120/CAN
				E	Eu	17585/UAE
				E	ME	17585/UAE
1000 1100		KRE	Voice of Korea	E	LAm	11710 15180
				E	SEA	3560 11735 13650
1000 1100		USA	WYFR Family Radio	E	ENA	5950 6855
				E	WNA	5985
				E	CAM	9755
1000 1200		AFS	Channel Africa	E	Saf	9620
1000 1200		USA	Dr.Gene Scott	E	CAM	5030/CTR
				E	SAM	6150/CTR 7375/CTR
				E	NAM	9725/CTR 11775/AIA
1000 1200		USA	WHRI World Harvest R.1	E	NAM	7555
1000 1200		USA	WINB Red Lion, PA	E	NAM	9265
1000 1500		NIG	Voice of Nigeria	E	Af	7255
1000 1705		CLN	Sri Lanka BC	E	SAs	4940
1000 2200		USA	WWCR 1	E	NAM	15825
1030 1057		CZE	Radio Prague	E	Eu	9880 11665
1030 1100	Mo-Fr	ETH	Radio Ethiopia	E	Eaf	5990 7110 9704
1030 1100	Su	G	Bible Voice	E	FE	5910/RUS-p

1030	1130		IRN	IRIB Teheran	E	SAs	15600k 17660k
1030	1130	Tu	UN	Radio UNMEE	E	EAF	15135/UAE
1100	1104		PAK	Radio Pakistan	E	Eu	15100 17835
1100	1130		AUS	HCJB Australia	E	SEA	15540
1100	1130		CVA	Radio Vaticana DIGITAL	E	NAm	13750
1100	1130	Mo,Tu	MNG	Voice of Mongolia	E	Sib	990
1100	1130	SaSu	USA	Voice of America	E	SEA	1575/THA
1100	1130		VTN	Voice of Vietnam	E	SEA	1242 7285h
1100	1145		USA	WYFR Family Radio	E	WNA	5985
					E	ENA	5950
					E	CAM	9755
					E	SAM	7780 9550 9625
1100	1200		AUS	Radio Australia	E	Oc	5995b 6020 9475 9560 9580
					E		9590 11880 15240#/TWN
1100	1200		CHN	China Radio Int.	E	NAm	11750/CAN
					E	As	1269 5955b 11650u 11660ka
					E		11795ka 13590b 13645ka 13720x
1100	1200		G	BBC World Service	E	Eu	13650/ALB 17490ka
					E	SAf	6190/AFS 11940/AFS 21470/SEY
					E	WAF	15400#/ASC 17830/ASC
					E	EAF	17885/SEY
					E	ME	11760/OMA 15575/CYP
					E	SAs	15310/THA 17790/OMA
					E	SEA	6195/SNG 9740/SNG
					E	FE	17760/THA
					E	Eu	15485s 17640s
1100	1200		HOL	Radio Nederland	E	Car	11865/GUF
1100	1200		J	NHK Radio Japan	E	ENA	11675/ATN
					E	SEA	9695
					E	As	11730
					E	ENA	6120/CAN
1100	1200		TWN	Radio Taiwan Int.	E	SEA	7445
					E	FE	747 927
1100	1200		UKR	Radio Ukraine Int.	E	WEu	15675x
1100	1300		NZL	Radio New Zealand Int.	E	WOC	9870
1100	1400		SNG	Radio Singapore Int.	E	As	6080 6150
1100	1400		USA	WWCR 4	E	NAm	7465
1100	1600	Su	CAN	R. Canada Nord-Quebec	E	CAN	9625
1100	1800		AUS	CVC International	E	As	13635
1100	1800	Sa	CAN	R. Canada Nord-Quebec	E	CAN	9625
1130	1145		G	BBC World Service	E	SEA	7135/SNG 11920/THA
1130	1145	Fr	USA	Eternal Good News	E	SAs	15525/UAE
1130	1200	Mo-Sa	AUS	HCJB Australia	E	SEA	15425
1130	1200		BUL	Radio Bulgaria	E	WEu	11700 15700
1130	1200	Fr	CVA	Radio Vaticana	E	ME	15595 17515
1130	1200	SaSu	G	Bible Voice	E	FE	12065/RUS-kh
1130	1200		USA	Adventist World Radio	E	SEA	15435/GUM
1135	1140		IND	AIR Delhi	E	IND	7250g 9595a 11620d
					E		11710d 15185d
1145	1200		USA	WYFR Family Radio	E	WNA	5985
					E	ENA	5950
					E	SAM	7780 9625

(Eike Bierwirth's shortwave broadcasting-schedule list - Last update: May 18, 2006; filtered for the language-based transmissions by JKB)

**NETHERLANDS:** Updated schedule A06 of *Radio Netherlands*. Schedule includes relay transmissions of other broadcast stations. There are several changes, most DRM transmissions, since last printed schedule in DXM, so complete up-to-date schedule effective 1 July until 31 August 2006:

UTC	Site	kHz	Beam	kW	Service	Target
0000-0100	Bonaire	9845	350	250	English	N America e
0000-0100	Bonaire	9745	290	250	China R Int	Mexico
0000-0200	Bonaire	15315	170	250	Spanish	S America s
0000-0200	Flevo	6165	260	500	Spanish	S America n
0100-0200	Bonaire	9845	320	250	English	N America c
0100-0300	Bonaire	11935	170	250	NHK Japan	S America
0200-0300	Madagascar	9435	50	250	R Sweden	S Asia
0200-0400	Bonaire	9590	290	250	Spanish	Mex/Caribbean

0200-0400	Flevo	6165	275	500	Spanish	C America/Caribbean
0200-0400	Bonaire	9735	320	250	D. Welle	N America
0230-0330	Madagascar	3215	20	50	AWR	Madagascar
0300-0400	Bonaire	6190	320	250	Dutch	N America c
0400-0500	Bonaire	6165	320	250	English	N America w
0400-0500	Bonaire	5975	290	250	Dutch	Mex/C America
0400-0500	Madagascar	12060	335	250	R. Nile	East Africa
(Sat-Tues)						
0400-0500	Madagascar	9905	325	250	R. Nile	East Africa
(Sat-Tues)						
0500-0600	Madagascar	15410	320	250	D. Welle	East Africa
0500-0600	Madagascar	9525	280	50	Family R. Portug.	C + S Africa
0500-0556	Flevo	11935	123	500	Dutch	SE Europe
0500-0600	Bonaire	6165	320	250	Dutch	N America w
0500-0600	Flevo	7125	123	500	Dutch	C & SE Europe
0500-0700	Flevo	6015	191	500	Dutch	S Europe
0500-0800	Flevo	9895	127	500	Dutch	SE Europe
0500-0600	Hörby	5955	190	500	Dutch	W+C+E Europe
0500-0600	Flevo DRM	6105	230	40	Dutch	SW Eu/NW Af
0600-1700	Flevo	5955	ND	500	Dutch	W Europe
0600-0700	Flevo	11935	191	500	Dutch	N Europe
0600-0700	Jülich	11655	20	100	Dutch	N Europe
0600-0700	Flevo	9895	205	500	Dutch	SW Europe
0600-0700	Flevo DRM	7300	191	40	Dutch	S Europe
0600-0700	Bonaire	9625	230	250	Dutch	New Zealand
0600-0700	Bonaire	9700	230	250	English	New Zealand
0700-0800	Flevo DRM	7300	191	40	Dutch	S Europe
0700-0800	Bonaire	9700	230	250	English	Australia
0700-0800	Jülich	9610	50	100	Dutch	Baltic States
0700-0800	Flevo	9895	191	500	Dutch	SW Europe
0700-0800	Bonaire	9625	230	250	Dutch	Australia
0700-0800	Flevo	11935	191	500	Dutch	S Europe
0800-1000	Flevo DRM	11895	133	40	Dutch	S Europe
0800-1000	Bonaire	9855	230	250	D. Welle	Australia/NZ
0800-1000	Hörby	6035	190	500	Dutch	W+C+E Europe
0800-1500	Flevo	9895	191	500	Dutch	SW Europe
(Sat/Sun)						
0800-1500	Flevo	13700	191/123	2x500	Dutch	S & SE Europe
(Sat/Sun)			123	500		
0930-1015	Bonaire	6020	110	250	Dutch	Surinam
(Mon-Sat)						
1000-1100	Flevo DRM	7240	123	40	English	C Europe
1000-1100	Irkutsk	13710	152	250	English	E + SE Asia
1000-1100	Petropavlovsk-Kamchatski	12065	244	250	English	Far East
1000-1100	Khabarovsk	13820	218	100	English	E Asia
1100-1130	Bonaire	6165	320	250	Spanish	Car/Florida
1100-1200	Bonaire	11675	350	250	English	N America e
1100-1300	Madagascar	17585	85	250	Indonesian	Indonesia
1100-1200	Madagascar	21480	85	250	Indonesian	Indonesia
1100-1200	Singapore	9795	140	100	Indonesian	Indonesia
1100-1200	Flevo DRM	7240	123	40	Dutch	C Europe
1130-1200	Bonaire	6165	210	250	Spanish	S America n
1200-1330	Flevo DRM	7240	123	40	English	C Europe
1200-1300	Madagascar	17745	60	250	Dutch	E Asia
1200-1300	Madagascar	15640	85	250	Indonesian	Indonesia
1200-1300	Singapore	9795	140	250	Indonesian	Indonesia
1200-1230	Bonaire	9895	230	250	Spanish	S America nw
1200-1230	Bonaire	9715	290	250	Spanish	C America
1200-1500	Flevo	13700	191/123	2x500	R. Tour de France	S/SE Europe
Mon-Friday (to 23 July)						
1200-1500	Flevo	9895	191	500	R. Tour de France	SW Europe
Mon-Friday (to 23 July)						
1300-1400	Tashkent	12065	131	100	Dutch	SE Asia/W Australia
1300-1400	Madagascar	13735	85	250	Dutch	SE Asia
1300-1400	Madagascar	17585	45	250	Dutch	South Asia
1300-1400	Petropavlovsk-Kamchatski	5910	247	250	Dutch	FE+ E + SE Asia
1300-1400	Khabarovsk	9900	218	100	Dutch	E + SE Asia
1300-1400	Madagascar	17670	60	250	AWR	E Asia
1330-1400	Flevo DRM	7240	123	40	RCI English	C E Europe
1400-1600	Madagascar	11835	50	250	English	South Asia
1400-1600	Madagascar	9890	50	250	English	South Asia
1400-1600	Tashkent	9345	131	100	English	South Asia

1400-1415	Flevo DRM	7240	123	40	Vatican R German	C Europe
1400-1500	Bonaire	15445	320	250	D. Welle	N America
1400-1430	Madagascar	17505	45	250	V. of Tibet	S Asia
1415-1500	Flevo DRM	7240	123	40	Dutch	C Europe
1430-1530	Madagascar	17625	55	250	Dem. V. of Burma	SE Asia
1500-1600	Flevo DRM	11890	191	40	Dutch	S Europe
1500-1700	Flevo	13700	191	500	Dutch	SE Europe
1500-1700	Flevo	9895	127	500	Dutch	SE Europe/ME
1530-1600	Madagascar	17505	45	250	V. of Tibet	S Asia
1530-1630	Madagascar	3215	55	50	AWR	Madagascar
1600-1700	Madagascar	13840	360	250	Dutch	Middle East
1600-1700	Madagascar	15335	335	250	Dutch	Europe/NE Africa/ME
1600-1700	Flevo DRM	11640	191	40	Dutch	S Europe
1630-1700	Madagascar	3215	20	50	Fiangonana Loterana Malagasy	Madagascar
1700-1800	Madagascar	7120	265	50	V of the People	Zimbabwe
1700-1800	Madagascar	9895	300	250	Dutch	Central Africa
1700-1800	Madagascar	6020	255	250	Dutch	South Africa
1700-1800	Madagascar	11655	335	250	Dutch	East Africa
1700-1800	Flevo DRM	5955	ND	40	R. Sweden Eng/Germ.	W Europe
1800-1900	Madagascar	6020	255	250	English	South Africa
1800-2100	Madagascar	7120	270	250	English	C+E Africa
1800-2000	Flevo	11655	142	500	English	East Africa
1800-1900	Madagascar	7395	320	250	Family R. English	East Africa
1800-1900	Madagascar	5870	305	50	Family R. Swahili	East Africa
1900-2000	Madagascar	7370	320	250	Family R. English	East Africa
1900-2000	Flevo DRM	9690	123	40	Dutch	SE Eu/ME
1900-2000	Flevo	11655	191	500	English	W Africa
1900-2100	Madagascar	7120	270	250	English	C + S Africa
1900-2100	Madagascar	5905	305	250	English	C+E Africa
1900-2100	Bonaire	17810	80	250	English	W Africa
1900-2100	Bonaire	17735	350	250	English	N America e
(Sat/Sun)						
1900-2100	Bonaire	15315	320	250	English	N America c
(Sat/Sun)						
1900-2100	Sackville	17660	285	250	English	N America w
(Sat/Sun)						
1900-2100	Madagascar	6020	255	50	Family R. English	East Africa
2000-2100	Flevo	9695	205/127	500	Dutch	S Europe/NW Africa/ME
2000-2200	Flevo	6035	191	500	Dutch	S Europe
2000-2200	Grigoriopol	6015	265	300	Dutch	Europe
2000-2100	Flevo DRM	9480	123	40	Dutch	SE Europe
2030-2100	Sackville DRM	9800	268	70	English	N America e
2100-2200	Flevo	9700	205	500	Dutch	SW Eu/NW Afr
2100-2200	Flevo	5955	230	500	Dutch	Spain/NW Afr
2100-2200	Bonaire	17810	80	250	Dutch	West Africa
2100-2200	Bonaire	17895	170	250	Dutch	S America s
2100-2200	Madagascar	7420	125	250	R. Sweden	Australia
2200-2300	Bonaire DRM	15195	320	10	English	N America c
2200-2300	Bonaire	15540	133	250	Dutch	Surinam/Brazil ne
2200-2300	Bonaire	15315	185	250	Dutch	S America nw
2200-2400	Madagascar	7400	85	250	Indonesian	Indonesia
2200-2400	Singapore	6120	140	250	Indonesian	Indonesia
2300-2400	Bonaire	15265	170	250	NHK Japan	S America
2300-2400	Flevo	9895	230	500	Spanish	S America s
2300-2400	Bonaire	11970	350	250	Dutch	N America e
2300-2400	Sackville	9525	189	250	Dutch	S America n/Caribbean

(RNW website version July 2006; via JKB)

**NEW ZEALAND:** DRM transmissions from *Radio New Zealand International* since June 2006:

UTC	days	Freq	Az	Direct.	Pow	Lang.	Location
0459-0658	daily	9440	0	Pacific	100	English	Rangitaiki
0659-1259	daily	6095	0	Pacific	100	English	Rangitaiki
1300-1650	daily	6095	0	Pacific	100	English	Rangitaiki
1651-1850	daily	7145	35	Pacific	100	English	Rangitaiki
1851-1950	daily	9440	0	Pacific	100	English	Rangitaiki
1951-2235	daily	13730	0	Pacific	100	English	Rangitaiki
2236-0458	daily	15720	0	Pacific	100	English	Rangitaiki

(Info drmm-dx.de via WDXC-HQ, 7 June 2006)

**SAUDI ARABIA:** *Broadcasting Service of the Kingdom of Saudi Arabia - BSKSA*



complete schedule for A06 season. Address of Technical/Frequency management: PO Box 61718, Riyadh 11575.

1st Program:			1200-1400	Arabic	15380, 21600
0600-0900	Arabic	17730, 17740	1200-1500	Arabic	17895
0900-1200	Arabic	17805, 21705	1300-1600	Arabic	21460
1200-1500	Arabic	21505, 21640	1500-1800	Arabic	13710
1700-1800	Arabic	15315, 15435	1600-1800	Arabic	15205, 17560
1800-2300	Arabic	9555, 9870	1800-2300	Arabic	11740, 11820, 11915
2nd Program:			External Service:		
0300-0600	Arabic	9580v	0400-0500	Somali	17760
0300-0900	Arabic	9675v	0400-0600	Turkish	15275
0600-1700	Arabic	11855v	0500-0600	Swahili	17760
1700-2200	Arabic	9580v	0800-1000	French	17785
Voice of Islam:			1000-1200	Indones.	21670
1500-1700	Arabic	15315, 15435	1200-1400	Urdu	15345
Holy Qu'ran:			1400-1600	Uzbek	9730
0300-0600	Arabic	15170	1400-1600	Farsi	11745
0300-0800	Arabic	17895	1400-1600	French	21600
0600-0900	Arabic	15380	1600-1700	Pashto	9525
0600-1700	Arabic	11785	1600-1700	Bengali	15345
0900-1200	Arabic	11935, 17615, 21495	1700-1800	Bambara	17775

(Marcelo A. Cornachioni in CONEXION #373 via WDXC-HQ; June 25, 2006)

**SERBIA (MONTENEGRO):** Following the formal recognition by the Serb government of the independence of Montenegro, the Belgrade-based international broadcaster has changed its name to **International Radio Serbia**. Both the radio broadcasts and website are now using this name, though some pages of the website haven't yet been updated. (RNMN Weblog June 16th, 2006; via JKB)

**SLOVAKIA:** **Radio Slovakia International - RSI** is, as earlier announced, closing down all its shortwave service today on 30 June 2006. On the final edition of the English-language programme Slovakia Today to be broadcast on shortwave, presenter Pete Miller, says: 'The sad news is that this is the last broadcast from Radio Slovakia International on shortwave from Bratislava, the capital of Slovakia, and right in the heart of Europe. We will of course continue via satellite on the World Radio Network, and we'll also be available on the Internet.' He continues: 'Well, in spite of all the hard work put in by many, this is our last broadcast on shortwave. I realize that some broadcasters have realized the folly of this policy, and have gone back to shortwave. I just hope that the light will dawn on the movers and shakers here in Slovakia. Today, therefore, is a special programme. For, as well as leaving shortwave, a number of our presenters are also leaving for pastures new. There has been, to use the common jargon, a measure of downsizing as far as the staff here are concerned.' Miller explains that in future, there will be just two full-time staff for the English section, assisted by two part-timers. After explaining the schedule of RSI via the World Radio Network, the rest of the programme features the departing presenters talking a little about themselves and saying goodbye to the listeners. (RNMN Weblog June 30, 2006, via JKB)

[YLE Radio may be next shortwave service, closing down. Ed.]

**UNITED KINGDOM:** 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>>. Updated Schedule version A06bs03 dated 15 May 2006 valid to 29th October 2006:

Time UTC	Days	Languages	Frequency kHz	Site code				
					0130-0145	smtwtfs	MARATHI	9820 MOS
					1200-1230	smtwtfs	TIBETAN	15355 DHA
					1300-1400	smtwtfs	NI vernacular various	12000 DHA
					1400-1415	smtw...	URDU India	9530 TAC
					1400-1415	.....s	NEPALI	9530 TAC
					1400-1445	....t..	URDU India	9530 TAC
					1400-1500	.....f.	HINDI	9530 TAC
					1415-1500	smtw..s	HINDI	9530 TAC
					1445-1500	....t..	HINDI	9530 TAC
					SOUTH INDIA			
					0030-0100	sm...f.	TAMIL	7365 ERV
0030-0100	s.....	HINDI	7375	TAC				
0030-0045	.mtwt..	BANGLA	7375	TAC				
0030-0045	....fs	BHOJPURI	7375	TAC				
0045-0100	.m.....	CHATTISGARHI	7375	TAC				
0045-0100	..t....	ORIYA	7375	TAC				
0045-0100	....t..	MAGAHAI	7375	TAC				
0045-0100	...w.fs	HINDI	7375	TAC				
0100-0130	smtwtfs	HINDI	9820	MOS				

0030-0115	..tw.t.s	TAMIL	7365	ERV	1530-1600	smtwtfs	PASHTO	9495	ARM
0100-0115	.....f.	BADAGA	7365	ERV	1600-1630	smtwtfs	DARI	9495	ARM
0100-0115	.m.....	KANNADA	7365	ERV	1630-1645	smtwtfs	HAZARAGI	9495	ARM
0100-0130	s.....	KANNADA	7365	ERV	1645-1700	smtwtfs	UZBEK	9495	ARM
0115-0130	.m.....s	MALAYALAM	7365	ERV	1530-1600	smtwtfs	PERSIAN	9850	ARM
0115-0130	..tw.t.f.	ENGLISH	7365	ERV	1600-1615	s.....s	BALUCHI	9850	ARM
0130-0200	smtwtfs	TELUGU	9855	DHA	1600-1615	.mtw...	TURKMEN	9850	ARM
1400-1430	smtwtfs	MALAYALAM	12025	DHA	1600-1615	....t..	PERSIAN	9850	ARM
1430-1445	smtwtf.	TELUGU	12025	DHA	1600-1615	.....f.	ENGLISH - Spotlight	9850	ARM
1430-1445	.....s	KONKANI	12025	DHA	MIDDLE EAST				
1445-1500	.mt.tfs	KANNADA	12025	DHA	0400-0500	smtwtfs	ARABIC	15530	SAM
1445-1500	s.....	LAMBADI	12025	DHA	0500-0530	s....fs	ARABIC	15530	SAM
1445-1500	..w...	TULU	12025	DHA	0445-0500	.....f.	BALUCHI Iran	6125	DHA
1500-1515	smtwtfs	ENGLISH - Spotlight	7320	IRK	0500-0530	.....f.	SINHALA	6125	DHA
1515-1545	smtwtfs	ENGLISH	7320	IRK	0530-0630	.....f.	MALAYALAM	6125	DHA
PAKISTAN, AFGHANISTAN, IRAN					0630-0700	.....f.	TAMIL	6125	DHA
0200-0215	.m...fs	URDU Pakistan	12035	NVS	1900-2030	smtwtfs	ARABIC	9550	KIG
0200-0230	....t..	URDU Pakistan	12035	NVS	AFRICA, ETHIOPIA, SUDAN				
0200-0215	..w...	PUNJABI Pakistan	12035	NVS	1430-1500	smtwtfs	NUER	12125	MEY
0200-0245	s.t....	URDU Pakistan	12035	NVS	1530-1545	smtwtfs	DINKA	12125	MEY
0200-0215	smtwtfs	PASHTO	9855	DHA	1545-1600	smtwtfs	MAKONDE	12125	MEY
0215-0230	..w.f.	POTHWARI	12035	NVS	1600-1630	s...tfs	AMHARIC	12125	MEY
0215-0230	.m.....s	PUNJABI Pakistan	12035	NVS	1600-1630	.mtw...	GURAGENA	12125	MEY
0215-0230	.mtwt..	SIRAIKI	6145	DHA	1630-1700	smtwtfs	AMHARIC	12125	MEY
0215-0230	s.....fs	SINDHI	6145	DHA	1600-1630	smtwtfs	AFAR	11655	ARM
0215-0245	smtwtfs	DARI	9855	DHA	1630-1700	smtw...	TIGRINYA	9865	DHA
0230-0245	.....s	POTHWARI	12035	NVS	1630-1700	...tfs	AMHARIC	9865	DHA
0230-0245	....tf.	PUNJABI Pakistan	12035	NVS	1700-1730	smtwtfs	SOMALI	9865	KIG
0230-0245	..tw.t..	BRAHUI	6145	DHA	1730-1757	smtwtfs	TIGRINYA	9865	KIG
0230-0245	.m.w...	URDU Pakistan	12035	NVS	1700-1730	smtwtfs	OROMO	6180	DHA
0230-0245	sm...fs	BALUCHI	6145	DHA	1830-1900	smtwtfs	FRENCH (Cent+West Af)	15130	ASC
0245-0300	smtwtfs	HAZARAGI	9855	DHA	2145-2215	....tf.	HASSINYA/PULAAR (Waf)	11985	ASC
0245-0300	smtwtfs	HINDKO	12035	NVS	Tx Site Codes:				
0245-0300	smtwtfs	PASHTO	6145	DHA	ARM Armavir Russia	MEY Meyerton South Africa			
0445-0500	.....f.	BALUCHI Iran	6125	DHA	ASC Ascension Island	MOS Moosbrunn Austria			
1400-1415	smtwtfs	ENGLISH - Spotlight	9500	NVS	DHA Dhabayya	NVS Novosibirsk Russia			
1415-1515	..tw..s	URDU Pakistan	9500	NVS	ERV Yerevan Armenia	SAM Samara Russia			
1415-1500	sm..tf.	URDU Pakistan	9500	NVS	IRK Irkutsk Russia	TAC Tashkent Uzbekistan			
1500-1515	sm..tf.	BALTI	9500	NVS	KIG Kigali Rwanda				

(<<http://www.febaradio.info>> via JKB, July 2006)

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**Sources & Contributors:**

- BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.
- BCLNEWS.IT BCLNEWS.IT - Palermo, Italy.
- CONEXION CONEXION Digital - Buenos Aires, Argentina.
- DXLD Glenn Hauser's DX LISTENING DIGEST - USA.
- EDXP Electronic DX Press, Bob Padula - Australia.
- JKB Dr. Juergen Kubiak, Berlin - Germany.
- Kim Elliott Dr. Kim Andrew Elliott <<http://kimandrewelliott.com>> - USA.
- RNMN R. Netherlands Media Network ©.
- WWDXC-HQ WWDXC Headquarter, Michael Bethge - Germany.

**Abbreviations:** (see DX MAGAZINE 6/2006)

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# DX LOGBOOK

## Logs around the clock

by Ashok Kumar Bose, Unit # 28, 7035, Rexwood Road, Mississauga, ON, L4T 4M6, Canada  
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### MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
810.0	0350	111	G	BBC Scotland Gold,Edinburgh	English	Tourist News	0607	MF
810.0	2130	221	G	Scotland XL, Dundee	English	ID,Light music	1106	MF
1071.0	2100	211	G	Manchester Premier Gold	English	Football World Cup Poland vs	1406	MF
1107.0	0630	111	G	Norwich XL	English	Norwich Broads	0806	MF
1118.0	2315	111	G	Capital Gold,Barnsley	English	ID,Football & Barnsley	0807	MF
1143.0	2250	111	G	Northambria Premier Gold	English	Medical care World wide	1706	MF
1143.0	0220	122	G	Premier RCA	English	Radio of the Label RCA	1406	MF
1143.0	1900	111	G	Amber Gold,Norfolk	English	ID,Foreigner	0507	MF
1152.0	2245	111	G	Classic Gold,Lincolnshire	English	ID,David Beckham's Football Club	0807	MF
1152.0	0415	111	G	Hastings XL	English	Anglo-German Clubs	1906	MF
1152.0	0400	111	G	Norwich Amber Gold	English	Australia	2006	MF
1155.0	2140	111	G	Manchester Premier Gold	English	Our Boys World Wide	1706	MF
1161.0	0330	111	G	Classic Gold,Derbyshire	English	Derbyshire Football	0607	MF
1161.0	2215	211	G	Capital Gold,Fawley	English	David Beckham	0807	MF
1197.0	2155	333	G	Plymouth XL	English	ID,Hit music	1106	MF
1215.0	2210	111	G	Virgin Radio	English	ID,pop Music	1406	MF
1224.0	2130	111	G	Classic Gold,Southampton	English	Jingle	0807	MF
1260.0	2000	111	G	Capital Gold,Orkney	English	ID,News	0607	MF
1323.0	1020	444	D	Voice of Russia	German	ID,Report Putin	0607	SG
1341.0	0240	221	G	Lincolnshire Premier Radio	English	Magazine by David Copperfield	0607	MF
1342.0	0310	111	G	Inverness Premier Gold	English	Our Boys in Iraq	1506	MF
1359.0	2100	221	G	Classic Gold, Southgate (London)	English	ID,Embassy from Russia	0807	MF
1368.0	2145	211	G	Radio Yorkshire,Dale	English	Interview	1406	MF
1368.0	0520	111	G	Premier Gold Gloucester	English	Trade with Guns	0806	MF
1415.0	0310	111	G	Hastings Amber Gold	English	Football World Cup	2006	MF
1431.0	0300	111	G	Derbyshire Premier radio	English	Derbyshire Church News	0607	MF
1458.0	2225	221	G	Radio London XL	English	Jingles Advts.	1106	MF
1475.0	1820	121	G	Classic Gold,Norwich	English	ID,Hits	0507	MF
1503.0	2120	222	G	Amber Gold,Brightton	English	ID,Brighton's movie theatres	0607	MF
1548.0	1800	111	G	Bbc Radio Lancashire	English	Buckingham Palace	0507	MF
1548.0	0305	111	G	Capital Gold,Isle of Skye	English	Rest of forest	2706	MF
1559.0	2000	111	G	Classic Gold,Northamberland	English	ID,Gun trade	0807	MF
1566.0	0210	111	G	Lancashire Chritian Premier Gold	English	God is Gold	0607	MF
1567.0	2040	221	G	Classic Gold,Northampton	English	ID,Music	0807	MF
1568.0	2125	211	G	Orkney XL	English	CRI Good Luck	1706	MF
1575.0	0400	111	G	Nottingham Premier Gold	English	ID,Premier Gold News	2206	MF
1584.0	2040	211	G	Portsmouth XL	English	Sports	1106	MF
1602.0	1920	111	G	Capital Gold,Shetland	English	Oil Platforms in danger in ice	0507	MF
1602.0	2020	211	G	PremierGold Bradford	English	English soldiers comes home	2006	MF
1602.0	2030	111	G	Portsmouth Premier Gold	English	Turkey & EU	1406	MF

### TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3240.0	0324	211	SWZ	TWR,Manzini	Shona	Religious Talks,Music,ID	1606	RAD

3291.2	0245	222	GUY	Voice of Guyana	English	Pop Vocel program withh oldies & ID	1705	RAD
3310.0	0112	211	BOL	Radio Mosoj Chaski	Quechua	Religious talks,rustic vocals,ID	1905	RAD
3955.0	0430	544	G	WYFR via Skelton	German	ID,Evangelium	0607	SG
3955.0	2110	444	G	KBS via Skelton	English	ID,Report of North Korea	1107	MU
3965.0	2100	444	F	RTI via Issoudon	German	ID,News	0607	SG
4052.5	0226	211	GTM	Radio Verdad	Spanish	Religious talks,ID,Inspirational music	0806	RAD
4770.0	0427	111	NIG	Radio Nigeria,Kaduna	English	Choral anthem,ID, Opening Anncts.	1006	RAD
4780.0	0153	211	GTM	Radio Cutral Coatan	Spanish	Talks,rustic vocals and marimba	1106	RAD
4790.0	0240	111	PRU	Radio Vision	Spanish	ID,Long Talks,Peruvian vocals	1806	RAD
4915.0	2253	211	GHA	Ghana Broadcasting Corp.	English	Tribal vocals with drums,ID	1805	RAD
5005.0	2128	353	GNE	Radio Nacional	Spanish	ID & Weather Report	3006	JT
5025.0	0626	354	CUB	Radio Rebelde	Spanish	Weather Report	1006	JT
5070.0	0300	554	USA	WWCR	English	World of Radio #1317	0406	RL

## SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5850.0	0244	554	USA	WHRA	English	Pirate King,Dx-ing with Cumbre # 501	1906	RL
5850.0	1058	454	USA	EWTN,WEWN	English	Newslink	1306	RL
5950.0	0045	111	AUS	Radio Australia	Englishh	Back to Australia Nation	1806	MF
5955.0	0530	544	NLD	Radio Nederland	Dutch	ID,Newsline-Magazine	0607	SG
6000.0	0025	354	CUB	Radio Habana	Spanish	US troops in Iran	0306	JT
6005.0	0530	554	D	DLF,Berlin	German	ID,News,Weather.Culture	0707	SG
6020.0	1107	554	AUS	Radio Australia,Shepperton	English	PM Repeat	1306	RL
6025.0	2333	252	BOL	Radio Illimani	Spanish	Phone Interview	0206	JT
6045.0	1201	343	D	Radio EMR-MV Baltic Radio,Germany	English	ID,Music,Station info email address	1806	NM
6045.0	2130	333	AFS	WYFR	English	God want love for old people	2405	MF
6055.0	1200	544	CZE	Radio Prague	German	ID,News	0407	SG
6065.0	0055	211	UAE	Bible Voice	English	God is our Lord from Heaven	1806	MF
6115.0	2035	111	COG	Radio Congo	French	Address in Brazzaville	2405	MF
6125.0	0208	254	CTR	Dr. Gene Scott	English	Noah in the Ark	2606	JT
6150.0	0115	211	SNG	Radio Australia	Englis	R. Australia via R. Singapore broadcast	1806	MF
6160.0	0352	211	CAN	CKZN,St.John's	English	Classical music on Northern Lights	0906	RAD
6175.0	0240	354	CAN	Voice of Vietnam	English	Cultural events in Vietnam	2606	JT
6185.0	1900	544	G	RTI via Skelton	German	ID,News,Culture	3006	SG
6890.0	2059	353	USA	EWTN,WEWN	English	Daily Mass	2006	RL
7110.0	1853	322	ETH	Radio Ethiopia	Amharic	Local Pops & ID	0207	JT
7180.0	2020	111	AFS	AWR	English	Water problem in Africa	2406	MF
7230.0	0520	544	G	Radio Japan,NHK	English	ID,Anncts.Report on Georgia	0707	SG
7250.0	0514	454	CVA	Vatican Radio	English	Child Labour June 12	1306	RL
7345.0	0800	555	SVK	Radio Slovakia Intl.,	German	IS,ID,DX,HBF	2806	SH
7380.0	2100	333	AFS	Voice of Biafra	English	Adress in USA	2405	MF
7420.0	2120	333	MDG	Radio Sweden	Swedish	Program	2405	MF
7440.0	0310	444	UKR	Radio Ukraine Intl.,	English	Program	0707	MU
7490.0	1734	454	UKR	Radio Ukraine Intl.,	German	ID,DX,Aellenforum	0507	SG
9325.0	1900	433	KRE	Voice of Korea	German	IS,ID,News,Kim story	0607	SG
9330.0	1845	444	SYR	Radio Damascus	German	ID,News,Comment,Magazine	0407	SG
9370.0	0146	454	USA	WTJC	English	ID	2606	JT
9440.0	0104	454	SVK	Radio Slovakia Intl.,	English	Insight Central Europe	2706	RL
9515.0	0259	554	USA	WHRI	English	Radio Liberty	1706	RL
9525.0	1130	544	POL	Radio Polonia	German	ID,News,Report,HBF	0607	SG
9570.0	1415	444	I	RAI Intl.,	German	IS,ID,News,Music	0507	SG
9590.0	0120	434	HUN	Radio Budapest	English	The Week,DX-Corner	2406	RL
9660.0	1100	554	G	Radio Japan,NHK	German	ID,News,Japanorama	0207	SG
9695.0	0042	554	RRW	Deutsche Welle	English	Inside Europe	0906	RL
9700.0	0628	343	ATN	Radio Nederland via Bonaire relay	English	ID,websire Report on energy	0707	SG
9704.0	1608	353	ETH	Radio Ethiopia	Amharic	News on East Timor	2806	JT
9710.0	0840	444	LTU	Radio Vilinius	English	News and Report	1207	MU
9730.0	1600	322	VTN	Voice of Vietnam	English	Music,Anncts., News	0907	MU

9740.0	0559	444	EOA	Radio HCJB	German	IS,ID,Ann. HBF	0307	SG
9750.0	1610	433	J	NHK Radio Japan	Japanese	Program	0607	MU
9779.5	0256	211	YEM	Republic of Yemen radio	Arabic	ID,Talks, Middle eastern music	2405	RAD
9795.0	0247	554	HUN	Radio Budapest	English	Insight Central Europe	2206	RL
9845.0	1805	544	I	RAI Intl.,	German	IS,ID,News	0307	SG
9870.0	0312	544	CZE	Radio Prague	English	Czech Today	2206	RL
9880.0	1000	544	CZE	Radio Prague	German	IS,ID,News,Weather	0507	SG
9890.0	2330	353	RRW	Deutsche Welle	English	Living in Germany	1406	RL
115000	0500	544	BUL	Radio Bulgaria	German	IS,ID,News,Architecture	0707	SG
11570.0	1610	353	PAK	Radio Pakistan	English	End News & ID	0506	JT
11700.0	1040	554	BUL	Radio Bulgaria	German	ID,Bulgarian Folk music	2806	SG
11710.0	1110	554	G	Radio Japan,NHK	German	ID,Focus Asian	0307	SG
11730.0	1557	554	J	Radio Japan NHK	English	Basic Japanese for you	2706	RL
11755.0	0545	554	FIN	YLE,Radio Finland	Finnish	IS,Anncts., Reports	0707	SG
11765.0	2031	353	D	RCI	English	Maple Leaf Mailbag	2006	RL
11785.0	1533	454	USA	WHRI	English	Dxing with Cumbre # 500	1106	RL
11865.0	2200	454	POR	Deutsche Welle,Sines relay	German	ID,News,Weather	0107	SG
11865.0	2147	454	RRW	Deutsche Welle	English	A world of music	1206	RL
11875.0	0300	322	CUB	Radio Habana	Spanish	Program	0707	MU
11895.0	0500	322	GUF	Radio Japan,NHK	Spanish	ID,News	0207	SG
11895.2	0310	111	B	Radio Boa Vontade	Portugese	Religious talks, Inspirational music	0806	RAD
11905.0	1600	544	POR	RDP Intl.,	Portugese	ID,News	0507	SG
11965.0	2230	433	RUS	Deutsche Welle,Irkutsk	German	ID,News,Music Magazine	0107	SG
11975.1	0351	111	UAE	AWR	Amharic	Religious talks	1706	RAD
12115.0U	2325	354	ICL	Rikisutvarpid	Icelandic	Francoise Hardy Songs	2706	JT
12020.0	1000	444	POR	RPD Intl.,	Portugese	ID,News,Reports	0307	SG
12025.0	1815	444	IND	AIR,panaji	Malay	Song Program	0306	JT
12060.0	0430	332		Radio Nile	English	Mr. Gates & Africa	2606	MF
13650.0	1100	444	ALB	CRI Easy FM	English	Program	0507	MU
13730.0	1941	444	NZL	RNZI,Wellington	English	Pacific Business Report	1406	RL
13760.0	0330	433	MRA	Radio Free Asia	Manadarin	Pop music Talks,ID	0207	SG
13760.0	1130	554	TUR	Voice of Turkey	German	IS,ID,News,Presse,HBF	0507	SG
15130.0	0400	343	MRA	Radio Free Asia	Mandarin	Anncts.,Music,News	0207	SG
15130.0	1845	333	ASC	FEBA	French	Glory of Bible	2406	MF
15140.0	2147	322	OMA	Radio Oman	Arabic	Talks,vocal selection,ID,news	2905	RAD
15150.0	1730	433	INS	Voice of Indonesia	Spanish	Program	0807	MU
15150.0	1830	343	INS	Voice of Indonesia	German	Rolle der Frau.ID	0307	SG
15160.0	0600	444	F	RFI	English	ID,News,Reports,Avignon	0707	SG
15195.0	2010	221	ASC	WYFR	English	World Cup is devil work	2406	MF
15205.0	2129	454	RRW	Deutsche Welle via Kigali	English	Living in Germany	1406	RL
15210.0	0657	232	KOR	KBS,World Radio	German	IS,ID,Vorschau,News	0407	SG
15220.0	0700	454	ASC	Radio Japan, NHK	Arabic	Huna Tokyo, News	0207	SG
15240.0	0532	554	AUS	Radio Australia	English	Onthe Mat, Whooping Cough	2806	RL
15245.0	0545	544	CHN	CRI	German	ID,HBF,HHL,P.Boeck	0407	SG
15245.0	2000	354	KRE	Voice of Korea	French	Military march Message of Kin Il Jong	0506	JT
15290.0	2000	444	E	REE,Madrid	English	ID,Newsdesk	0307	SG
15345.0	2140	232	ARG	RAE,Buenos Aires	German	ID,DX-Neuigkeiten	0307	SG
15495.0	0211	333	KWT	Radio Kuwait	Arabic	Koran ,Talk on Mohammad,ID	2505	RAD
15515.0	1710	433	G	Darfur Salaam,Wooferton	Arabic	Talks,Flute music	2905	RAD
15720.0	0313	222	NZL	RNZI	English	Dateline Pacific,The World of Sports	1805	RAD
17650.0	1500	444	USA	WRHA	English	Religious program	0507	MU
17720.0	0645	454	CHN	CRI	German	Report,ID	0707	SG
17810.0	1730	333	ASC	UN Radio	English	News,Special features	2905	RAD
17830.0	0600	433	AUS	CVC	Chinese	Program	0707	MU
17860.0	0640	343	RRW	Deutsche Welle,Kigali	English	Report Tibet Railway, ID	0707	SG
21455.0	1959	121	EOA	HCJB,Quito	Spanish	IS,ID,Noticias	0307	SG
21500.0	0635	343	MRA	Radio Free Asia	Tibetan	Folk music,Anncts. ID	0707	SG
21655.0	1950	343	POR	RDP Internacional	Portugese	Music,ID,Economicas	0307	SG

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- JT : Jose Turner, Gondomar, Portugal. SONY SW-77 & SONY-7600GR with 25 metres Long wire, ATU preselector etc.
- MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with Telescopic antenna.
- MU : Masahiro Umemura of Toyama city visiting Hamburg. Receiver and antenna details unknown.
- RAD : Rich D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340 & Drake R-8B with 500/200 feet long wire, Datong FL3.
- RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF & Grundig YB 550 PE with random long wire antennas.
- SG : Siegbert Gerhard, Frankfurt, Germany. Portable PLL-RX:DEGEN DE 1103 with built-in Ferrit/Whip antenna.
- NM : Nino Marabello, Treviso, Italy. SONY SW 7600G VHF Outdoor at 250 degrees

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Dear Friends,

Welcome to the July/August edition of the Logbook.

We have a lot of contributors in this edition which is very encouraging. The propagation seems a little better this time of the year when the summer is hot in Northern hemisphere.

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
Argentina	RAE	C	344-443	9690 khz	v/s John Anthony Middleton	MH
Austria	AWR Relay	C	90 d	11870 khz	v/s Adrian M. Peterson	MH
Canada	Radio Korea Relay	C	64-125	9560 khz		MH
Canada	Radio Austria relay	L	12 d	13675 khz		MH
Canada	CRI Relay	C	48 d	13675 khz		MH
Cuba	Radio Havana	C	114 d	9550 khz		MH
Cuba	CRI Relay	C	48 d	13740 khz		MH
Fr. Guiana	CRI Relay	C	48 d	13685 khz		MH
Germany	Bible Voice Relay	C	103 d	12035 khz		MH
Germany	EMR, MV Baltic R. via Juelich, Germany	e/QSL	7 days	6045 khz	v/s Tom Taylor	NM
Hungary	Radio Budapest	C	29 d	9850 khz		MH
Romania	RRI	C	144-241	6135 khz		MH
Turkey	Voice of Turkey	C	72 d	9460 khz		MH
Turkey	Voice of Turkey	C	47 d	15155 khz		MH
USA	R Taiwan Int relay	C	47 d	5950 khz		MH
USA	WRMI	C	285 d	6870 khz	v/s Jeff White	MH
Vietnam	Voice of Vietnam	C	243 d	12020 khz		MH

**Thanks to our Reporters:**

NM = Nino Marabello from Italy. SONY SW7600G, VHF outdoor at 250 degrees. (Welcome)

MH = Mark Alexander Humenyk, Toronto, Ontario, CANADA

UTC	UTC	ITU	Stationen	Tage	Frequenzen und Relaystandorte	DX	HBF
0000	0200		Deutsche Welle		6100 CAN 9430 POR 12040 RRW 12095 CLN		Mo 0045
0200	0400		Deutsche Welle		6100 CAN 9825 POR 9830 ATN 15640 CLN		Mo 0245
0200	0230	BLR	Radio Belarus	Do+So	5970 6170 7210	1. So	1. So
0230	0300	EQA	Radio HCJB		9785 (für Nordamerika)		
0300	2200	D	ERF-Wetzlar		1539 (Mainflingen)		
0400	0600		Deutsche Welle		9620 ATN 12025Wtal 17575 CLN		Mo 0445
0400	1200	AUT	Ö1-International		6155 13730		
0400	0800	LUX	RTL Radio		1440		
0400	0430	SWZ	TWR-Manzini		4775 6120 Sa&So:bis 05:00		
0400	0500		Family Radio		3955 Skelton 9985 USA		Sa
0420	0440	CVA	Radio Vatikan		1530 4005 5885 7250		
0500	0530	BUL	Radio Bulgarien		9500 11500	Do	Di
0500	0657	CHN	CRI, Beijing		15245 17720		Di,Sa
0600	0800	D	Deutsche Welle		6075, 15545W 9480, 9545, 15325N		So 0645
0600	0630	EQA	Radio HCJB		9740 21455	Sa	Mo
0600	0630	GAB	NHK-R. Japan		11970 (Moyabi)		So
0600	0700	USA	RTI, Taipei		7520 (WYFR)	1. Sa	Sa
0630	0657	CZE	Radio Prag		5930 7345		Mi
0656	0759	KOR	KBS-World Radio		15210	So	So
0700	0726	ROU	RRI, Bukarest		7225 9790		Mo
0730	0830	IRN	IRIB-Teheran		15085 15430		Mo
0800	1000		Deutsche Welle		6075W 9480, 9545N 9855 ATN 15680 CLN		So 0845
0803	0900	TUN	RTT International		963		
0830	0845	MCO	ERF-Wetzlar		6230 7160 So:bis 09:15		
0900	1000	RUS	Stimme Russlands		1323 D 1431 D 7330 15455		Di 0940
1000	1200		Deutsche Welle		7430Petrop, 9900Irk, RUS 17635 CLN 17845 KAZ 21840POR		So 1045
1000	1027	CZE	Radio Prag		6055 9880		Mi
1000	1100	RUS	Stimme Russlands		1323 D 1431 D	Do 1030	
1030	1100	BUL	Radio Bulgarien		11700 15700	Mi	Mo
1100	1130	G	NHK-R. Japan		9660 11710 (beide Skelton)		So
1100	1200	RUS	Stimme Russlands		1323 D 1431 D		Fr 1140
1130	1159	POL	Radio Polonia		5965 9525		Do + So
1130	1230	TUR	Stimme der Türkei		13760	Sa14täg	Mi
1200	1400		Deutsche Welle		9565 CLN 11900 CAN 13780, 15620, 17845 W		So 1245
1200	1227	CZE	Radio Prag		6055 7345		Di
1200	1300	D	MV Baltic Radio	1. So	6045 (Jülich)		
1200	1300	HNG	Radio Budapest	So	6025 7220		
1200	1300	ROU	RRI, Bukarest		9515 11775		So
1200	1730	AUT	Ö1-International		6155		
1330	1400	GRC	ERT-Athen		15650 (alt.: 7430) derzeit inaktiv		
1330	1400	MCO	ERF-Wetzlar	Mo-Sa	6230 7160 So ab 13:00		
1400	1600		Deutsche Welle		9655 CLN 15275 RRW 15445 ATN		So 1445
1400	1415	CVA	Radio Vatikan		5885 7250 9645		
1400	1500	HNG	Radio Budapest	So	6025 7160		
1415	1435	I	RAI International		9570		
1500	1530	AUT	AWR-Moosbrunn		6055		
1500	1527	CZE	Radio Prag		5930		Di
1500	1600	RUS	Stimme Russlands		1323D 1431 D 7330 9795 12010	Sa 1545	So 1530
1530	1545	MRA	KFBS-Saipan	Fr+Sa	9465		
1530	1559	POL	Radio Polonia		7270		Do + So
1530	1600	VTN	St. von Vietnam		7280 9730		Mi
1600	1800		Deutsche Welle		13780, 15275W 6150 RRW 15680 CLN		So 1645
1600	1757	ALB	CRI, Beijing		5970 7155 (beide Cerrik)		Mo&Fr
1600	1700	KRE	Stimme Koreas		9325 12015		Do

UTC	UTC	ITU	Stationen	Tage	Frequenzen und Relaystandorte	DX	HBF
1600	1700	RUS	Stimme Russlands		1323, 1431 D 7330 9795 9890 12010		Do 1615
1620	1640	MDA	R. Pridnestrovie	Mo+Mi	5960 (Radio DMR)		
1630	1700	BUL	Radio Bulgarien		9500 11500		
1630	1657	RUS	Radio Prag		11825 (Armavir-Krasnodar)		Di
1700	1758	HNG	Radio Budapest	So	3975 6025		So
1700	1800	RUS	St. Russlands		1323 D 1386 7330 12010		
1700	1730	S	Radio Schweden	Mo-Sa	6065		
1700	1800	UKR	RUI, Kiew		7490 (alt. 5830)	Mi	So
1700	1800	USA	Family Radio		3955 Jülich 17750		Sa
1730	2208	AUT	Ö1-International		5945 6155		
1730	1800	D	Radio HCJB		6015 (Wertachtal)	Sa	Mo
1730	1758	HNG	Radio Budapest	Mo-Sa	3975 6025	Di	Sa
1730	1830	IRN	IRIB-Teheran		7540 11855 15085		So
1730	1830	TUR	St. der Türkei		13640	Sa14täg	Mi
1800	2000		Deutsche Welle		9735 W 6150, 15275 RRW 11795 N		So 1845
1800	1830	ALB	Radio Tirana	Mo-Sa	1458		Di&Fr
1800	1957	CHN	CRI, Beijing		1440 LUX 7170 11650 11775		Mo&Fr
1800	1900	INS	St. Indonesiens		15150 (alt.: 9525 oder 11785)		So
1800	1900	KRE	Stimme Koreas		9325 12015		Do
1800	1900	RUS	St. Russlands		1323 D 1431 D 7330 7380	Di 1815	
1800	1830	VTN	St. von Vietnam		7280 9730		Mi
1805	1825	I	RAI International		6040 9845		
1805	1905	SYR	Radio Damaskus		9330 12085		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
1850	1910	ARM	St. Armeniens		4810 9960		So
1900	2000	BUL	Radio Bulgarien		5800 7500	Di&Sa	So
1900	2000	EGY	Radio Kairo		9990		Mi
1900	2000	G	RTI, Taipei		6185 (Skelton)	1. Fr	Fr
1900	2000	KRE	Stimme Koreas		9325 12015		Do
1900	2000	ROU	RRI, Bukarest		7165 7215 9590 9770		So
1900	2000	RUS	Family Radio		7370 (Samara)		Sa
1930	2000	ALB	Radio Tirana	Mo-Sa	7465		Di&Fr
1930	2000	BLR	Radio Belarus	Mi Sa So	1170 7105 7280 7290	1. Sa	1. Sa
1930	1958	HNG	Radio Budapest	Mo-Sa	3975 6025	Mo&Mi	
1930	1959	POL	Radio Polonia		6110 7240		Do + So
2000	2200		Deutsche Welle		6075 W 7330 CLN 9875 RRW		So 2045
2000	2030	BIH	Radio Serbien	So-Fr	6100 derzeit inaktiv	So14täg	So14täg
2000	2100	G	KBS-World Radio		3955 (Skelton)	Sa	Sa
2000	2015	THA	Radio Thailand		9680		
2000	2100	UKR	RUI, Kiew		7490 (alt. 5830)	Mi	So
2000	2100	USA	Family Radio		15600		Sa
2033	2036	SVN	Radio Slowenien		918		
2100	2200	ARG	RAE-Buenos Aires	Mo-Fr	9690 15345	Mo&Fr	Di
2100	2200	F	RTI, Taipei		3965 (Issoudun)	1. Fr	Fr
2100	2200	USA	Family Radio		15695		Sa
2130	2200	VTN	St. von Vietnam		7280 9730		Mi
2200	2400		Deutsche Welle		7420 KAZ 11935 RRW 11865 POR 11965 Irk, 15640 Petrop., RUS		So 2245
2300	2400	EQA	Radio HCJB		12040 (Programm für Südamerika)		
2300	2400	UKR	RUI, Kiew		7490 (alt. 5830)	Mi	So

Rating	S-Meter-Unit	Signal in dB	S	I (N F)	O
5	9 + 40-60	94 - 104	Excellent	Nil	Excellent
4	9 + 10-30	64 - 84	Good	Slight	Good
3	7 - 9	42 - 54	Fair	Moderate	Fair
2	4 - 6	24 - 36	Poor	Severe	Poor
1	1 - 3	6 - 18	Barely audible	Extreme	Unusable