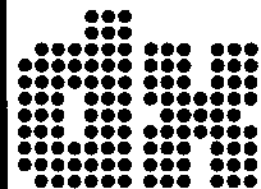


1 - 2005

BBC ORTF  
ADIO MOSKOU  
NDR RAI TVR



WORLD WIDE DX CLUB

ISSN 0175-6877



WORLD WIDE DX CLUB



## Staff of WORLDWIDE DX CLUB:

- PRESIDENT AND CHIEF EDITOR** . . . ☒ WWDXC Headquarters, Michael Bethge, Postfach 12 14, D-61282 Bad Homburg, Germany  
☎ daytime +49-6102-2861, ☎ evening/weekend +49-6172-390918  
☎ +49-69-13303051669 ● E-Mail: mail@wwdxc.de
- BROADCASTING NEWS EDITOR** . . . ☒ Dr. Jürgen Kubiak, Goltzstrasse 19, D-10781 Berlin, Germany  
E-Mail: j.kubiak@gmx.net
- LOGBOOK EDITOR** . . . . . ☒ Ashok Kumar Bose, Apt. #634, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada ● E-Mail: logbook@wwdxc.de
- QSL CORNER EDITOR** . . . . . ☒ Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N 2W7, Canada ● E-Mail: qsl@wwdxc.de
- TOP NEWS EDITOR (Internet)** . . . . ☒ Wolfgang Büschel, Hoffeld, Sprollstrasse 87, D-70597 Stuttgart, Germany ● E-Mail: topnews@wwdxc.de
- TREASURER & SECRETARY** . . . . . ☒ Karin Bethge, Urseler Strasse 18, D-61348 Bad Homburg, Germany
- NEWCOMER SERVICE OF AGDX** . . . ☒ Hobby-Beratung, c/o AGDX, Postfach 12 14, D-61282 Bad Homburg, Germany (please enclose return postage)

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

We have no fixed deadlines. Contributions may be sent either to WWDXC Headquarters or directly to our editors at any time. If you send your contributions to WWDXC Headquarters, please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

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

## WORLD RADIO TV HANDBOOK 2005

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

€ 28.00 or US\$33.60. Extra for air mail: € 10.20 or US\$12.20.

These prices include postage and packing. Delivery against advance payment by International Money Order, cheque in € drawn on a German bank (otherwise please add € 5.00 for bank charges), cheque in US\$ drawn on a US bank, cash in any convertible currency, Postal Money Order or transfer to our postal giro accounts Postbank Frankfurt/Germany No. 289010605 (IBAN: DE49 5001 0060 0289 0106 05 - BIC/SWIFT-Code: PBNKDEFF) or Postbank Leeuwarden/Netherlands No. 3822840.

Der obige Preis enthält Porto und Verpackung. Lieferung gegen Vorauszahlung durch Überweisung, Scheck in € (gezogen auf eine deutsche Bank, sonst € 5,00 zusätzlich für Bankgebühren), Postanweisung oder Bargeld. Postbankkonten: Frankfurt am Main/BRD Nr. 289010605 [Bankleitzahl 500 100 60] und Leeuwarden/Niederlande Nr. 3822840.

## INTERNATIONALE ANTWORTSCHEINE (alte, kleine Version)

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

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



DX MAGAZINE No. 1



Vol. XL



January 2005

Hello again,



Welcome to the first issue of our DX MAGAZINE in this new year 2005. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2005 recently and especially those who have added a donation for the club to their payment. The same applies to all those who have ordered their copy of WORLD RADIO TV HANDBOOK 2005 from us. All orders for WRTH 2005 received until December 16th have been mailed until December 17th and should have arrived until Christmas.

The 2005 release of Salvo Micciché's "**DX HANDBOOK**" is now available as a PDF file (1.5 MB) free of charge. It contains 114 pages with extensive frequency lists of broadcasting, utility and amateur radio stations and an annex with a lot of useful information. To download the latest release, follow the "DX Handbook" link from the main page at <<http://www.radioascolto.org>>. A password and userid are needed and can be obtained for free by sending an E-Mail to: <[richiestahandbook@radioascolto.org](mailto:richiestahandbook@radioascolto.org)>.

(Renato Bruni, Italy)

The **12th CEPT Conference**, the European Electronic Communications Regulatory Forum, will be held at Barceló Hotel Sants in Barcelona 13-14 April, 2005. The conference will cover topics within the fields of both radio- and non-radio electronic communications. The first day is dedicated to broad policy issues. Top level speakers from Europe, the USA, Mexico and Australia will examine the challenges with which regulators are faced in a converging telecom world. The second day will tackle more specific topics in two parallel tracks: one dealing with wireless issues (UWB, broadcasting, spectrum reform), the other focusing on VoIP, next generation networks and competition-based regulatory approaches. Full information on the conference is available at <<http://www.ero.dk/conf2005>>.

(ERO, Denmark)

Die Regulierungsbehörde für Telekommunikation und Post (Reg TP) hat jetzt in ihrer Reihe regtp facts eine neue Broschüre mit dem Titel "**Funk und Umwelt**" herausgebracht. Diese Broschüre informiert über Funkanlagen und Grenzwerte zum Schutz von Personen in elektromagnetischen Feldern sowie über die damit verbundenen Aufgaben und Tätigkeitsfelder der Reg TP. Des weiteren enthalten die regtp facts "Funk und Umwelt" genaue Angaben zu der von der Reg TP im Internet eingerichteten Datenbank zu elektromagnetischen Feldern (EMF-Datenbank), die von jedem Bürger kostenfrei genutzt werden kann, und zur Kommunalen Standortdatenbank für Kommunen und Landesbehörden. Eine Statistik zur Standortmitnutzung von Mobilfunkanlagen sowie Empfehlungen zur Durchführung einer Feldstärkemessung runden die Broschüre ab. Die Broschüre "Funk und Umwelt" ist über folgende Adresse kostenfrei zu beziehen: Regulierungsbehörde für Telekommunikation und Post, Außenstelle Erfurt, Druckschriftenversand, Zeppelinstraße 16, D-99096 Erfurt, Telefon: 0361/7398-272, Telefax: 0361/7398-184, E-Mail: <[druckschriften.versand@regtp.de](mailto:druckschriften.versand@regtp.de)>. Auch auf der Homepage der Reg TP unter <<http://www.regtp.de>> / Aktuelles/Presse / Reg TP Facts ist die Broschüre als PDF-Datei zu finden.

(Reg TP, Germany)

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

# NEWS ABOUT BROADCASTING (+other) STATIONS

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

**ALASKA:** *KNLS*, Anchor Point, Alaska - season schedule. Seasonal schedule valid from November 28, 2004. Mailing address: Station KNLS, Anchor Point, AK 99556, USA. Fax: +615-371-8791 and email: <KNLS@aol.com> (for reception reports subject should be "reception report" without quotes). KNLS will provide only ONE QSL for each report, regardless the number of entries and doesn't NOT provide QSL's for other transmitter operators who may air World Christian Broadcasting programs. Only 200 special cards are awarded each season. Each card is individually numbered and features a full color photo of Alaska. To qualify, a report must include: The date and time (UTC only) of the transmission, the frequency and as many program details as you can supply. At the web you will find KNLS at the URL <www.knls.org>.

UTC	kHz	Language	1300	9615	English
0800	9615	English	1400	9615	Mandarin
0900	7365	Russian	1500	7355	Mandarin
1000	7365	Mandarin	1600	7355	Mandarin
1100	7365	Russian	1700	7355	Russian
1200	7365	Mandarin			

(KNLS schedule at the web modified on 8 Dec 2004, via JKB)

**ALBANIA:** Zhao Shi, first vice minister of the State Administration for Radio, Film and Television (SARFT) inaugurated new TVSH (Radio Televisioni Shqiptar, Albanian state radio and television) transmitters, provided by the Chinese government at the Cerrik site near Tirana on Sunday (28 November), Drita Cico, the head of the TVSH monitoring service told the BBC. The transmitters will be used to broadcast *Radio Tirana* and to relay *China Radio International* (CRI) to Europe, and will greatly improve the quality of reception for Radio Tirana's listeners. According to Ma Xuming, a senior SARFT official, the opening of the Cerrik site is an important step for both Radio Tirana and CRI, as this is the first time that such a partnership has been achieved in Europe. Additionally, Radio Tirana is expected to start satellite transmissions by the end of November, following an order by the TVSH Director-General Artur Zheji. According to Mrs Cico, the radio will accompany the TV Shqiptar Satellite digital signal on the Eutelsat W2 satellite. (©RNMN December 01, 2004 by AS; via JKB: Source: BBC Monitoring research 28 Nov 04)

**AUSTRALIA:** B04 schedule of *Radio Australia - RA* transmissions. Postal address: Radio Australia, GPO Box 428G, Melbourne, VIC 3001, Australia or ABC SOUTHBANK CENTRE, SOUTHBANK BOULEVARD, SOUTHBANK 3006, VICTORIA, AUSTRALIA. Email: <english@ra.abc.net.au> or <radio.australia@abc.net.au>. Web: <http://www.abc.net.au/ra>.

kHz	UTC	Target	Tx Language	9590	0800	1600	CPac/SPac	S	English
5995	0800	0900	CPac/SPac B	9630	2130	2330	As	D	Indonesian
5995	0900	1100	CPac/SPac B	9660	2100	2200	WPac	B	English
5995	1100	1400	CPac/SPac B	9660	2300	0800	WPac	B	English
5995	1400	1800	CPac/SPac S	9710	0800	0900	WPac	S	English
6020	0900	1100	CPac/SPac S	9710	0900	1100	WPac	S	Tok Pisin
6020	1100	1400	CPac/SPac S	9710	1600	2000	WPac	S	English
6080	1400	1800	WPac S	9730	2300	2330	As	K	Khmer
6080	1800	2000	WPac S	9875	1500	1530	Eu	R	English
6080	2000	2100	WPac S						(DRM, Su only)
			(Su-Th)	11550	0800	0930	As	C	Indonesian
6080	2000	2100	WPac S	11550	2130	2330	As	C	Indonesian
7240	1800	2000	WPac S	11650	2000	2200	WPac	S	English
7240	2000	2100	WPac S	11660	1300	1430	As	S	Mandarin
			(Su-Th)	11690	0000	0030	As	K	Indonesian
7240	2000	2100	WPac S	11695	2100	2130	As	S	English
9475	1100	1300	As S	11695	2130	2330	As	S	Indonesian
9475	1300	1430	As S	11750	1400	1600	As	S	English
9475	1430	1900	As S	11820	2330	0000	As	D	Vietnamese
9500	1900	2130	As S	11880	0900	1300	WPac	S	English
9560	1100	1400	WPac S	11880	1700	2100	CPac/SPac	S	English
9580	0800	1400	CPac/SPac S	12010	1300	1430	As	K	Mandarin
9580	1700	2100	CPac/SPac S	12080	2000	2200	CPac/SPac	B	English

12080	2300	1200	CPac/SPac	B	English	15415	0830	0900	As	S	English
13620	2200	0000	As	D	English	15415	0900	0930	As	S	Indonesian
13630	2100	0700	CPac/SPac	S	English	15415	0930	1100	As	S	English
15110	2330	0000	As	C	Vietnamese	15415	2130	2330	As	S	Indonesian
15160	0500	0800	As	S	English	15415	2330	0000	As	S	English
15230	2200	0000	As	S	English	15515	0200	0900	CPac/SPac	S	English
15240	0000	0100	CPac/SPac	S	English	15515	2100	2300	CPac/SPac	S	English
15240	0100	0700	CPac/SPac	S	English	17715	0000	0200	WPac	S	English
15240	0700	0800	WPac/CPac	S	English	17750	2330	0900	As	S	English
15240	0800	1130	As	S	English	17775	0000	0130	As	D	English
15240	2200	2330	As	D	English	17795	2300	0200	CPac/SPac	S	English
15415	0000	0030	As	S	Indonesian	17855	0000	0030	As	D	Indonesian
15415	0030	0400	As	S	English	17855	0400	0430	As	D	Indonesian
15415	0400	0430	As	S	Indonesian	17855	0500	0530	As	D	Indonesian
15415	0430	0500	As	S	English	17855	0530	0600	As	D	Vietnamese
15415	0500	0530	As	S	Indonesian	21725	0200	0500	WPac	S	English
15415	0530	0800	As	S	English	21740	2200	0000	CPac/SPac	S	English
15415	0800	0830	As	S	Indonesian	21780	0400	0430	As	T	Indonesian

Tx: B Brandon, C Taipei, D Darwin, K Kranji (Singapore), R Rampisham UK, S Shepparton Vic, T Tinian (via DXLD #4-178; November 28, 2004)

**Voice International**, P.O.Box 1104, Buderim 4556, QLD, Australia. E-mail: voice@voice.com.au, Web: <http://www.voice.com.au> - schedule from Darwin valid 31/10/2004 to 27/03/2005.

Frequency	Start	Finish	Target				
Chinese				13685	0900	1500	China
17635	0700	1200	China	15150	1500	1800	India
13790	1200	1800	China	11685	1800	2100	India
15165	2200	0100	China				
English					0400	1000	Indonesia
11955	0900	1100	India	17820			Indonesia
				15365	1000	1300	Indonesia
				7245	1300	1700	Indonesia

(Marcelo A. Cornachioni in CONEXION #297; January 08, 2005)

**BELARUS:** Details of current operation of *Belarussian Radio*, transmitter Kolodishchi. "Kanal Kultura"

1125 kHz - 150 kW - 0500-2200

Belorusskoe Radio - 1

6115 kHz - 75 kW - 0400-2300 - To Belarus

6080 kHz - 150 kW - 0400-2300 - To Ukraine

7170 kHz - 250 kW - 0500-0700 - To Russia

11960 kHz - 250 kW - 1000-1100 - To Russia

7255 kHz - 250 kW - 1500-1800 - To Russia

5970 kHz - 250 kW - 0200-0400 - To West Europa

7210 kHz - 75 kW - 0200-0400 - To West Europa

7105 kHz - 250 kW - 2000-2300 - To West Europa

7340 kHz - 75 kW - 2000-2300 - To West Europa

Family Radio

7440 kHz - 150 kW - 1900-2000 - To Spain

(Sergey Alexseychik in RUS-DX #137-B via "open\_dx"; December 12, 2004, via Klepov via WWDXC-HQ)

**BRAZIL:** Reaffirming a longstanding commitment to proclaim the good news of Jesus Christ throughout South America, international Christian broadcaster *Trans World Radio* (TWR) on 21 November formally dedicated a new 50,000-watt shortwave transmitter in the southern city of Santa Maria, Brazil. The new broadcasting outlet marks TWR's 14th major international transmitting site, and it fortifies the Mission's nearly 35-year-old evangelical outreach in Brazil. Spearheaded by Radio Trans Mundial-Brazil (RTM-Brazil), TWR's largest partner organization in the Americas region, the latest outlet will allow 24-hour-a-day broadcasts in Portuguese to penetrate at least two-thirds of the country. The world's fifth largest nation in terms of geographical area, Brazil boasts a population of nearly 175 million. Local government officials, church leaders and TWR President Dr. David Tucker joined the RTM-Brazil staff to celebrate the opportunity God has provided for even more listeners to hear God's word proclaimed over the airwaves. "We're excited about the potential to reach millions more people for Christ in Brazil," says Tom Corcoran, international director for TWR-Americas, who also attended the dedication. Already, responses are coming in from listeners around the country. "We are getting reports that the signal is reaching well up into the Amazon," says Corcoran. "Hopefully

in the near future we will add tribal languages like Baniua, Makuxi and Ticuna, and even Spanish, especially since the signal reaches into countries like Bolivia and Paraguay. The new "off-the-shelf" transmitter was manufactured by Atlanta, Ga.-based company Commercial Associates. "This transmitter has the ability to be converted to digital if we ever desire to go that route," says Corcoran. "Rather than manufacturing its own parts, the company uses parts that are readily available in the commercial market. That gives Brazilians an opportunity to keep the transmitter maintained in-country rather than having to rely on the manufacturer for future support." Originated in 1970 by a small group of dedicated believers, RTM-Brazil is an independent, nonprofit ministry established and maintained by indigenous workers. Today, this flourishing organization broadcasts programs that reach many of the country's Portuguese-speaking residents. Programmes are aired 24 hours a day via satellite to local AM and FM stations throughout Brazil. In addition, mediumwave (AM) programming also is beamed from the island of Bonaire. (©RNMN December 03, 2004 by AS; via JKB; Source: Trans World Radio, Cary, North Carolina, in English 29 Nov 04 via BBC Monitoring)

According to the Website of TWR Brazil, the new 50 kW transmitter operates on 11735 kHz, and the station also uses 9530 kHz (10 kW) and 5965 kHz (7.5 kW). (©RNMN December 03, 2004 by AS; via JKB)

**CANADA: Radio Canada International - RCI** B04 short wave broadcast schedule. Postal address: Radio Canada International, P.O. / C.P. 6000, Montreal H3C 3A8, Canada. E-Mail: <rci@montreal.radio-canada.ca>.

UTC	SITE	FREQ	KW	AZ	TARGETS					
ARABIC										
0330-0359	HBV	5840	350	135	Middle East	1900-1959	SAC	17735	250 105	Sub-Saharan Africa
0330-0359	WER	6025	250	120	Middle East	1700-1959	SAC	17835	250 240	South East USA/Cuba/Haiti
0330-0359	WER	9615	250	120	Middle East	2000-2059	HBV	5850	350 220	Europe
0430-0459	SKN	7265	300	110	Middle East	2000-2059	SKN	7235	300 110	Europe
0430-0459	WER	9760	250	120	Middle East	2000-2059	SAC	9710	250 60	Europe
2015-2044	SKN	5995	300	110	Middle East/North Africa	2000-2059	SAC	11725	250 60	Europe
2015-2044	SKN	9615	100	115	Middle East/North Africa	2100-2159	SKN	7235	300 180	North Africa
2015-2044	SAC	12015	250	92	Middle East/North Africa	2100-2159	SKN	9565	300 180	North Africa
2015-2044	VOL	93.3	FM		Beirut	2100-2159	SAC	11845	250 92	North Africa
2015-2044	VOL	93.4	FM		Bekaa	2200-2259	MOS	9665	300 215	Sub-Saharan Africa
2015-2044	VOL	93.6	FM		Lebanon (N & S)	2200-2259	ASC	11835	250 65	Sub-Saharan Africa
2215-2244	RMC	1233	MW		Middle East	2300-2359	SAC	15180	250 227	South East USA/Cuba/Haiti
CHINESE										
0000-0029	KIM	9565	100	225	Asia/China	PORTUGUESE	[these are weekly, Fri/Sat/Sun, not daily!]			
2200-2229	KIM	6160	100	305	China	2000-2029	SAC	15305	250 163	Brazil
2200-2229	KIM	7195	100	225	China	2000-2029	SAC	17765	250 163	Brazil
2200-2229	YAM	9730	300	235	China	2100-2129	SAC	15305	250 163	Brazil
2300-2329	KIM	6160	100	305	China	2100-2129	SAC	17765	250 163	Brazil
2300-2329	YAM	7195	100	280	China	2230-2259	SAC	11905	250 163	Brazil
2300-2329	KIM	9525	100	264	China	2230-2259	SAC	15245	250 163	Brazil
2300-2329	YAM	12045	300	235	China	2330-2359	SAC	11905	250 163	Brazil
ENGLISH										
0000-0057	XIA	9880	100	188	Asia/China	2330-2359	SAC	13730	250 163	Brazil
0100-0259	SAC	6190	100	240	USA/Mexico/Caribbean/South America	RUSSIAN				
0100-0259	SAC	9755	250	212	USA/Mexico/Caribbean/South America	1600-1629	HBV	5840	350 85	Russia
0100-0259	SAC	9810	250	253	USA/Mexico/Caribbean/South America	1600-1629	WER	9555	250 75	Russia
1200-1259	YAM	9670	100	270	Asia/China	1600-1629	WER	11935	250 62	Russia
1200-1259	YAM	11730	300	235	Asia/China	1600-1629	RMP	13650	500 62	Russia
1300-1559	SAC	9515	100	268	Central and Eastern USA/Cuba/Haiti	1700-1729	SKN	9555	100 70	Russia (from 01-12-2004)
1300-1559	SAC	13655	250	240	Central and Eastern USA/Cuba/Haiti	1700-1729	SKN	11935	300 90	Russia (from 01-12-2004)
1300-1559	SAC	17820	100	189	Central and Eastern USA/Cuba/Haiti	SPANISH				
1300-1329	YAM	9670	100	270	Asia/China	0000-0029	SAC	9755	250 240	Mexico/Caribbean/South America
1300-1329	YAM	11730	300	235	Asia/China	0000-0029	SAC	11865	250 176	Mexico/Caribbean/South America
1400-1659	SAC	9515	100	268	Central and Eastern USA/Cuba/Haiti	0030-0059	SAC	9755	250 240	Mexico/Caribbean/South America
1400-1659	SAC	13655	250	240	Central and Eastern USA/Cuba/Haiti	0030-0059	SAC	11865	250 176	Mexico/Caribbean/South America
1400-1659	SAC	17820	100	189	Central and Eastern USA/Cuba/Haiti	0100-0129	SAC	9790	250 268	Mexico/Cuba
1500-1557	KIM	5985	100	270	India	0300-0329	SAC	6190	100 240	Mexico/Caribbean/South America
1500-1557	XIA	9635	100	258	India	0300-0329	SAC	9755	250 212	Mexico/Caribbean/South America
1500-1557	XIA	11730	100	258	India	0300-0329	SAC	9810	250 240	Mexico/Caribbean/South America
1800-1859	HBV	5850	350	180	Sub-Saharan Africa	2300-2329	SAC	11905	250 176	South America
1800-1859	KAS	7370	100	239	Sub-Saharan Africa	2300-2329	SAC	13730	250 176	South America
1800-1859	KAS	9770	100	239	Sub-Saharan Africa	B04 Broadcast Schedule for Radio (Digital Radio Mondial - DRM)				
1800-1859	WER	11875	250	150	Sub-Saharan Africa	Effective October 31st, 2004 (07:00 UTC) to March 27th, 2005				
1800-1859	SAC	15140	250	105	Sub-Saharan Africa	(07:00 UTC)				
2000-2259	SAC	15180	250	240	South East USA/Cuba/Haiti	1400-1430	FLE	9815	40	ND Western Europe ENGLISH
2100-2159	HBV	5850	350	220	Europe	2200-2259	SAC	9800	70 268	Northeast United States ENGLISH
2100-2159	SAC	9770	250	60	Europe	Transmitter Sites				
2230-2259	KIM	6160	100	305	China	ASC: ASCENSION ISLAND				
2230-2259	KIM	7195	100	225	China	KIM: KIMJAE, REPUBLIC OF KOREA				
2230-2259	YAM	9730	300	235	China	SKN: SKELTON, UNITED KINGDOM				
FRENCH										
1100-1259	SAC	9515	250	212	South East USA/Cuba/Haiti	DHA: DHABAYYA, U.A.E.				
1100-1359	SAC	9515	250	212	South East USA/Cuba/Haiti	MOS: MOSBRUNN, AUSTRIA				
1430-1459	YAM	5985	300	290	Asia/China	VOL: VOICE OF LEBANON				
1430-1459	YAM	9535	300	270	Asia/China	FLE: FLEVO, THE NETHERLANDS				
1600-1959	SAC	17835	250	240	South East USA/Cuba/Haiti	RMC: RADIO MONTE CARLO				
1900-1959	WER	11845	250	165	Sub-Saharan Africa	WER: WERTACHTAL, GERMANY				
1900-1959	SAC	13650	250	105	Sub-Saharan Africa	HBV: HOERBY, SWEDEN				
1900-1959	DHA	15140	250	260	Sub-Saharan Africa	RMP: RAMPISHAM, UNITED KINGDOM				
						XIA: XIAN, CHINA				
						KAS: KASHI, CHINA				
						SAC: SACKVILLE, CANADA				
						YAM: YAMATA, JAPAN				

Issued on October 5th, 2004, subject to change without notice.  
 (Re-formatted from PDF file received from Bill Westenhaber on Oct 19 via Alokesh Gupta, Japan Premium via DXLD #4-169)

**CHINA (Peoples Rep.):** B04 for *China Radio International* via Kashi-Kashgar(KAS):

0000-0057	5905	100	kW / non-dir	Russian	2100-2157	9695	500	kW / 269 deg	Arabic
0300-0357	5905	100	kW / non-dir	Russian	1400-1457	9700	500	kW / 308 deg	English
1300-1957	5905	100	kW / non-dir	Russian	1500-1557	9700	500	kW / 308 deg	Chinese
1600-1657	5915	100	kW / 209 deg	Hindi	1600-1657	9700	500	kW / 308 deg	French
0200-0257	6065	100	kW / 239 deg	Pashto	1900-1957	9770	500	kW / 308 deg	Cantonese
0000-0157	6075	100	kW / 174 deg	English	0300-0357	11640	100	kW / 209 deg	Hindi
1830-1927	6175	100	kW / 239 deg	Arabic	2030-2227	11660	500	kW / 308 deg	French
1900-1957	7130	500	kW / 294 deg	Albanian	0200-0357	11770	100	kW / 174 deg	English
2000-2027	7130	500	kW / 294 deg	Serbian	0600-0657	11770	100	kW / 239 deg	English
0200-0227	7150	100	kW / 239 deg	Bengali	1400-1557	11775	100	kW / 209 deg	Urdu
1600-1657	7160	100	kW / 239 deg	Arabic	1800-1957	11775	500	kW / 308 deg	German
1800-1957	7170	500	kW / 308 deg	German	1500-1557	11800	100	kW / 173 deg	Tamil
2030-2127	7180	500	kW / 294 deg	Italian	0200-0257	11870	100	kW / 173 deg	Tamil
2300-0157	7180	100	kW / 174 deg	English	0500-0857	11880	100	kW / 209 deg	English
2000-2157	7190	500	kW / 308 deg	English	1600-1727	12000	100	kW / 239 deg	Swahili
1500-1657	7235	100	kW / 174 deg	Hindi	0200-0257	13610	100	kW / 174 deg	Tamil
2000-2057	7245	500	kW / 269 deg	Chinese	1300-1457	13610	500	kW / 308 deg	English
1600-1757	7255	500	kW / 294 deg	English	0200-0257	13640	100	kW / 174 deg	English
1400-1457	7265	100	kW / 173 deg	Sinhala	0200-0257	13715	100	kW / 173 deg	Tamil
1500-1557	7265	100	kW / 173 deg	Tamil	0300-0357	13720	100	kW / 209 deg	Hindi
1400-1557	7285	100	kW / 209 deg	English	0300-0357	15110	100	kW / 174 deg	English
1900-2057	7295	500	kW / 269 deg	English	0600-0657	15140	100	kW / 239 deg	English
1600-1757	7300	500	kW / 269 deg	Arabic	0300-0357	15210	100	kW / 173 deg	Chinese
1800-1857	7340	500	kW / 294 deg	Italian	0300-0357	15350	100	kW / 174 deg	Hindi
1700-1757	7350	500	kW / 308 deg	French	0400-0457	15350	100	kW / 174 deg	Chinese
1800-1957	7385	500	kW / 269 deg	French	0500-0857	15350	100	kW / 174 deg	English
1500-1657	9435	500	kW / 298 deg	English	0300-0357	15465	100	kW / 209 deg	Hindi
1400-1557	9490	100	kW / 174 deg	Tamil	0500-0857	15465	100	kW / 209 deg	English
1500-1657	9525	500	kW / 308 deg	English	0500-0657	17485	100	kW / 269 deg	Arabic
1400-1557	9560	100	kW / 174 deg	English	0700-1257	17490	500	kW / 308 deg	English
2000-2027	9585	500	kW / 308 deg	Serbian	0500-0657	17505	100	kW / 269 deg	Arabic
2030-2057	9585	500	kW / 308 deg	Hungarian	0400-0457	17540	100	kW / 173 deg	Chinese
2000-2157	9600	500	kW / 308 deg	English	0500-0857	17540	100	kW / 173 deg	English
1600-1657	9610	500	kW / 269 deg	Arabic	0600-0757	17650	500	kW / 308 deg	Chinese
1300-1357	9635	100	kW / 174 deg	Hindi	0800-0957	17650	500	kW / 308 deg	French
1900-1957	9635	500	kW / 298 deg	Portuguese	1000-1157	17650	500	kW / 308 deg	Chinese
2100-2257	9640	500	kW / 298 deg	Spanish	1200-1357	17650	500	kW / 308 deg	French
1500-1557	9665	100	kW / 239 deg	Pashto	0900-1057	17670	500	kW / 308 deg	Chinese

(OBSERVER #344 I. Ivanov and A. Datzinov, via WB, 2004 Dec 27)

B04 for China Radio International via Urumchi(URU):

1800-1857	on	6010	500	kW / 308 deg	Chaozhou	0300-0357	on	9590	500	kW / 308 deg	Chinese
1600-1757	on	6040	500	kW / 308 deg	Russian	1800-1957	on	9615	500	kW / 308 deg	German
1900-1957	on	6145	500	kW / 308 deg	Romanian	1800-1857	on	9670	500	kW / 258 deg	Persian
1500-1557	on	6165	500	kW / 258 deg	Romanian	1730-1827	on	9685	500	kW / 308 deg	Chinese
1600-1657	on	6165	500	kW / 270 deg	Turkish	1600-1657	on	9690	500	kW / 212 deg	Hindi
1500-1557	on	6180	500	kW / 308 deg	Russian	2100-2157	on	9725	500	kW / 270 deg	Arabic
1500-1557	on	7115	500	kW / 212 deg	Hindi	1930-2027	on	9745	500	kW / 308 deg	Esperanto
1730-1827	on	7120	500	kW / 308 deg	Chinese	1600-1657	on	9770	500	kW / 212 deg	Hakka
2130-2157	on	7120	500	kW / 308 deg	Hungarian	1700-1757	on	9770	500	kW / 212 deg	Cantonese
2200-2257	on	7120	500	kW / 308 deg	Spanish	1400-1457	on	9795	500	kW / 308 deg	English
1900-1957	on	7150	500	kW / 308 deg	Czech	1700-1757	on	9795	500	kW / 308 deg	Russian
2000-2057	on	7150	500	kW / 308 deg	Polish	2000-2157	on	9855	500	kW / 308 deg	English
1500-1557	on	7160	500	kW / 212 deg	English	1900-1927	on	9860	500	kW / 308 deg	Hungarian
1730-1827	on	7160	500	kW / 270 deg	Chinese	1400-1457	on	11765	500	kW / 212 deg	English
2000-2027	on	7180	500	kW / 308 deg	Serbian	1200-1357	on	13790	500	kW / 308 deg	English
1800-1857	on	7190	500	kW / 308 deg	Russian	0600-0757	on	15245	500	kW / 308 deg	German
2030-2227	on	7200	500	kW / 308 deg	French	0600-0757	on	17720	500	kW / 308 deg	German
1300-1357	on	7265	500	kW / 212 deg	Hindi	China Radio International via Qiqihar(QIQ):					
1600-1757	on	7265	500	kW / 308 deg	Russian	1700-2057	on	6100	500	kW / 304 deg	English
1830-1857	on	7265	500	kW / 308 deg	Bulgarian	China Radio International via Santiago(SGO):					
1900-1927	on	7265	500	kW / 308 deg	Albanian	2100-2157	on	11720	100	kW / 045 deg	Portuguese
1930-2027	on	7265	500	kW / 308 deg	Esperanto	1100-1157	on	17625	100	kW / 045 deg	Portuguese
2030-2127	on	7265	500	kW / 308 deg	Italian	1200-1257	on	17625	100	kW / 045 deg	Chinese
0000-0157	on	7345	500	kW / 308 deg	English	1300-1357	on	17625	100	kW / 045 deg	English
1830-2027	on	7350	500	kW / 270 deg	French						

(OBSERVER #343, I. Ivanov and A. Datzinov, via WB; 2004 Dec 20)

**CLANDESTINE:** Here are the results of the *2004 Clandestine Activity Survey*: During the year 2004 the activity of political clandestine stations broadcasting on shortwave has decreased by 28.5 % to 1229 Weekly Broadcasting Hours (WBHs). This is the lowest level of activity since 1999 and the second lowest ever since this survey has first been

compiled in 1986.

Activity by clandestine stations on the Asian continent has decreased by 35 % or 495 WBHs to now 920 WBHs with the five most active target areas (countries) all in a declining trend. Clandestine activity to target areas on the American, African and Oceanian continents has remained more or less unchanged from last year at 166, 127 and 16 WBHs respectively.

The three most active target areas worldwide remain exactly in the same ranking as one year ago: Iraq with 332 WBHs (-416 when compared with one year ago), North Korea with 168 (-49) WBHs and Afghanistan with 165 (-24) WBHs.

Despite the declining trend that is obvious in all of the figures above, it should also be noted that the number of different target areas active worldwide has increased by three to 24. So, the trend towards more diverse, but also mostly low-budget operations, is apparently still intact, and has been only temporarily overshadowed by operations on the Afghanistan/Iraq scenes.

(Mathias Kropf, Germany, E-mail <100144.232@compuserve.com> - December 19, 2004)

**CZECH REPUBLIC:** *Radio Prague* may carry its programmes in English and German on longwave in the future. In answer to a listener's question on Sunday's Mailbox programme, Radio Prague Director Miroslav Krupicka said: "It is not reality at this moment but we are considering going on longwave in English and German. It's a longwave that is used by a domestic channel of Czech Radio, Czech Radio 1 - Radiozurnal, which broadcasts on the FM network and on longwave [270 kHz, 750 kW]. We are in talks with this station to give us a certain space on longwave in order for us to be heard beyond the border of the Czech Republic in, say, Germany, Austria and Poland because longwave travels further than medium wave, for instance, or FM, so we would be heard in Central and Eastern Europe on longwave quite well. Of course, this is an addition to shortwave broadcasting. We are always on shortwave, we will stay on shortwave, but in addition we are looking for tools in order to be heard both in the Czech Republic and in Central Europe. In the Czech Republic we are currently on FM in Prague in English, this is a service for tourists, people visiting the Czech Republic, businessmen and so on. It's quite appreciated by the audience from what I have heard. And to expand on longwave would be quite nice, so we are working on it, but it is not yet reality". (©RNMN December 15, 2004 by AS; via JKB)

**GERMANY:** T-Systems would like to inform you about the schedule of Pan American Broadcasting using shortwave transmitters of T-Systems in Germany:

Target Middle East:

Saturdays, 1400 to 1430 UTC, 13820 kHz, program name "Sedayeh Mohebat - World Radio"

Saturdays, 1445 to 1500 UTC, 13820 kHz, program name "David's Mighty Men Evangelism Team"

Sundays, 1500 to 1515 UTC, 13820 kHz, program name "Waymarks"

Sundays, 1530 to 1545 UTC, 13820 kHz, program name "Victory thru Truth" starting 02. January 2005

Sundays, 1545 to 1600 UTC, 13820 kHz, program name "God Speaks Today"

Sundays, 1600 to 1630 UTC, 13820 kHz, program name "Bible Says"

Target India:

Sundays, 0030 to 0045 UTC, 5945 kHz, program name "Bold Bible Living"

Sundays, 1430 to 1445 UTC, 13820 kHz, program name "Banner of Truth" starting 02. January 2005

Target Moskau, Russia:

Wednesdays, 1630 to 1645 UTC, 6015 kHz, program name "A Brighter Day Ministries" starting 05. January 2005.

Any reception report would be highly appreciated. Feel free to send it directly to PAB under: <cjung@panambc.com> and under CC to <ralf.weyl@t-systems.com>

(Ralf Weyl - T-Systems Regional MediaBroadcast Cologne via WDXC-HQ; December 17, 2004)

**IRAN:** B04 schedule *Voice of the Islamic Republic of Iran - VOIRI* Tehran. Postal address: Islamic Republic of Iran Broadcasting, Vali-e asr Ave, Jame Jam St., P.O. Box 19395-6767, Teheran. For German language service: IRIB Deutsches Programm (German Service), Bundespressehaus, Zimmer 1305, Schiffbauerdamm 40, D-10117 Berlin, Germany. eMail: <IRIBWORLD@IRIB.COM>, Internet: <<http://www.irib.com>>.

Updated winter B04 schedule for VOIROI/IRIB:

ALBANIAN	0630-0727	15235	15340	
	1830-1927	6100	7165	
	2030-2127	6100	9740	
ARABIC	0230-0527	6065	13760	13790
	0330-0427	7250	9505	"Voice of Islamic Palestinian Revolution"
	0530-1427	13760	13790	15545
	1430-1627	15545		
	1630-1927	6065		
	1930-2027	6065		"Voice of Islamic Palestinian Revolution"
	2030-0227	6065		
ARMENIAN	0300-0327	7295		
	0930-0957	9695	15260	



	1630-1727	6185	7230		
AZERI	0330-0527	9860			
	1430-1657	6200			
BENGALI	0030-0127	5905	6185		
	0830-0927	11705			
	1430-1527	9545	9565	9940	
BOSNIAN	0530-0627	15235	15340		
	1730-1827	7295	9705		
	2130-2227	7235	9710		
CHINESE	1200-1257	9895	11670	13645	15150
	2330-0027	7130	7325	9635	
DARI	0300-0627	13740			
	0830-1427	13720			
	1030-1457	9920			
ENGLISH	0130-0227	6120	9580	"Voice of Justice"	
	1030-1127	15460	15480		
	1530-1627	9610	9940		
	1930-2027	6110	7320	9855	11695
GERMAN	0730-0827	15085	21770		
	1730-1827	6110	9500		
FRENCH	0630-0727	17560	21645		
	1830-1927	6180	9565	9755	
HAUSA	0600-0657	17810	21810		
	1830-1927	7335	9775		
HEBREW	0430-0457	7250	9590		
	1900-1927	3985	5970		
HINDI	0230-0257	15165	15205		
	1430-1527	9865	11640	13745	
ITALIAN	0630-0727	15085	17560		
	1930-1957	7295	9615		
JAPANESE	1300-1327	9510	9770		
	2100-2127	6125	7180		
KAZAKH	0130-0227	7135	7265		
	1300-1357	9660	11745		
KURDISH	0330-0427	6145	Sorrani	dialect	
	1330-1427	5990	Kirmanji	dialect	
	1430-1527	5990	Sorrani	dialect	
	1530-1627	5990	Kirmanji	dialect	
MALAY	1230-1327	15200	15275		
	2230-2327	7275	9685		
PASHTO	0230-0327	6095	6140		
	0730-0827	15440			
	1230-1327	6175	9790	11870	
	1430-1527	7270			
	1630-1727	6005	6015		
RUSSIAN	0300-0327	6040	7125		
	0500-0527	12025	15530	17680	17745
	1430-1527	7165	9575	9735	
	1700-1757	3985	7170		
	1800-1857	6035	7305		
	1930-2027	3985	7205		
SPANISH	0030-0227	6015	9555	9905	
	0230-0327	9905			
	0530-0627	15320	17590		
	2030-2127	7130	9750		
SWAHILI	0330-0427	13640	15260		
	0830-0927	17660	17690		
	1730-1827	9595	11750		
TAJIK	0100-0227	6175			
	1600-1727	5945			
TURKISH	0430-0557	15260	15365		
	1600-1727	7125	9705		
URDU	0130-0227	6010	6190	7210	
	1330-1427	6175	9835	11950	
	1530-1727	7270			
	1730-1757	6130	7225		
UZBEK	0230-0257	6175			
	1500-1557	5945	(OBSERVER, 2004 Nov 16 via DXLD #4-172)		

**MISCELLANEOUS: English 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, last updated at December 27, 2004. Based on this data I filtered language-based transmissions.

Part 1 of 2 (transmission starting 0000-1159), part 2 next issue of DXM:

START	STOP	DAY	ITU	STATION	TARG	FREQUENCY
0000	0015		CBG	Nat.Radio of Cambodia	SEA	11940
0000	0015		J	NHK Radio Japan	SEA	13650 17810
0000	0030		THA	Radio Thailand	Af	9680
0000	0057		CAN	Radio Canada Int.	FE	9880/CHN-x
0000	0100		AUS	HCJB Australia	FE	15525
0000	0100		AUS	Radio Australia	As	15415\$ 17715 17750 17775
					WOC	9660 13630 15240 17715
					Oc	12080 15240 17795
0000	0100		BUL	Radio Bulgaria	NAm	7400 9700
0000	0100		D	Deutsche Welle	SAs	1548/CLN 6030/CLN 7290w
0000	0100		E	Radio Exterior España	NAm	6055
0000	0100		G	BBC World Service	Car	5975/ATG
					SAm	9825s 12095/ASC
0000	0100		G	BBC World Service	EEu	1260/RUS-m
0000	0100		G	BBC World Service	FE	11945#/J 15280/THA
						17615/THA
					SAs	9580\$/SNG 15310/THA
						17790/SNG
					SEA	3915#/SNG 5970/OMA 6195/SNG
						9740/SNG 15360/SNG
0000	0100		G	BBC World Service	ME	1314#/UAE 1323/CYP 9410/CYP
0000	0100		G	BBC DIGITAL	NAm	6010/CAN
0000	0100		HOL	Radio Nederland	ENA	9845/ATN
0000	0100		J	NHK Radio Japan	NAm	6145/CAN
0000	0100		USA	Voice of America	As	1575/THA 7215/PHL-x 9890/PHL
						11760#/THA 15185/PHL-x
						15290/PHL 17740/PHL
0000	0100		USA	Voice of America	ME	1593/KWT
0000	0100		USA	WYFR Family Radio	ENA	6065
					WNA	9505
					SAm	11720
0000	0157		CHN	China Radio Int.	As	6075ka 7180ka 11770ka
					Eu	7345ka
					NAm	6020/ALB 9570/ALB
0000	0300		AUS	Voice International	SEA	7355
0000	0400		USA	WHRA World Harvest R.	Af	7580
0000	0500		USA	WEWN Birmingham, AL	NAm	5825
					Eu	5825
					Af	5825
0000	0607	Su	CAN	R. Canada Nord-Quebec	CAN	9625
0000	1000	Tu-Sa	USA	WRMI Radio Miami Int.	NAm	6870
0000	1200		USA	Dr Gene Scott	Am	5030/CTR 6150/CTR
						7375/CTR 9725/CTR
0000	1400		USA	KAIJ Dallas, TX	NAm	5755
0000	1400		USA	WWCR 2	NAm	5935
0000	2400		CAN	CFRX Toronto	NAm	6070
0000	2400		CAN	CFVP Calgary (CKMX Px)	NAm	6030
0000	2400		G	BBC World Service	WEu	648
					HKG	675/HKG
0000	2400		MLA	RTV Malaysia Radio 4	MLA	7295
0000	2400		NZL	ZLXA Reading Service	NZL	1602 3935
0000	2400		USA	KGON Portland, OR	USA	25950
0000	2400		USA	WBCQ Kennebunk, MA	NAm	5105
0000	2400		USA	WBOH FBN Newport, NC	NAm	5920
0000	2400		USA	WFLA Tampa, FL	USA	25870
0000	2400		USA	WLW Cincinnati, OH	USA	26450
0000	2400		USA	WTJC FBN Newport, NC	NAm	9370
0005	0030	Mo,Su	AUT	ORF oe1 International	CAm	7325
0013	0030	Tu-Sa	AUT	ORF oe1 International	CAm	7325
0030	0100		LTU	Radio Vilnius	NAm	9875
0030	0100		THA	Radio Thailand	NAm	5890/USA-g 13695
0030	0100	Mo-Fr	USA	Bible Voice	SAs	7105/UAE

0030 0430		CLN	Sri Lanka BC	SAs	6005 9770 15745
0033 0100	Mo,Su	AUT	ORF oe1 International	ENA	7325
0043 0058	Tu-Sa	AUT	ORF oe1 International	ENA	7325
0055 0115		I	RAI International	NAm	11800
0100 0127		CZE	Radio Prague	NAm	6200 7345
0100 0130	Mo-Sa	SCG	Int.R.Serbia-Montenegro	NAm	7115
0100 0130		SVK	Radio Slovakia Int.	NAm	7230
				SAm	9440
0100 0130		UZB	Radio Tashkent Int.	As	5975 6165 7160
0100 0130		VTN	Voice of Vietnam	ENA	6175/CAN
0100 0157		CHN	China Radio Int.	NAm	6005/CAN 9580/CUB
0100 0200		AUS	Radio Australia	As	15415 17715 17750 17775#
				Woc	9660 13630 15240 17715
				Oc	12080 15240 17795
0100 0200		G	BBC World Service	CAm	9525/USA-o
				Car	5975/ATG
				SAm	9825s 12095/ASC
0100 0200		G	BBC World Service	EEu	666/RUS-e 1260/RUS-m
0100 0200		G	BBC World Service	FE	15280/THA
				SAs	11955/OMA 15310/THA
					17790/SNG
				SEA	6195/SNG 15360/SNG
0100 0200		G	BBC World Service	ME	1323/CYP 9410/CYP
0100 0200		HOL	Radio Nederland	CNA	6165/ATN
0100 0200		J	NHK Radio Japan	SEA	11860/SNG 17810
				As	17845
				SAs	15325
				Oc	17685
				NAm	17825
				CAm	17825
				SAm	17835
				ME	6030/G-r 17560
0100 0200		KRE	Voice of Korea	FE	3560 7140 9345 9730
				CAm	11735 13760 15180
0100 0200		ROU	Radio Romania Int.	NAm	6140 9615
				AUS	9510 11740
0100 0200		UKR	Radio Ukraine Int.	NAm	5910m
0100 0200		USA	Voice of America	As	7200/GRC 11705/THA
					11820/CLN 17740/PHL
0100 0200		USA	WYFR Family Radio	SAs	15195/TWN
				WNA	9505
				ENA	6065
0100 0230		AUS	HCJB Australia	SAs	15560
0100 0300		CAN	Radio Canada Int.	Am	6190 9755 9810
0100 0500		CUB	Radio Habana Cuba	ENA	6000
0100 0500	Mo-Fr	USA	WSHB World Harvest R.	Am	5835
0100 0600	SaSu	USA	WSHB World Harvest R.	Am	7315
0115 0120	Mo-Fr	KGZ	Kyrgyz Radio	CAs	4010 4795
0130 0200		AUS	Voice International	CHN	17775
0130 0200		S	Radio Sweden	AUS	11550/MDG
0130 0200		USA	Voice of America	Am	7405g 9775g 13740d
0130 0230		IRN	IRIB Teheran	NAm	6120k 9580s
0140 0200		CVA	Radio Vaticana	SAs	7335 9865
0200 0227		CZE	Radio Prague	NAm	6200 7345
0200 0230	12356	BLR	Radiostation Belarus	Eu	5970 7210
0200 0230		HNG	Radio Budapest	NAm	9775
0200 0230		SCG	Int.R.Serbia-Montenegro	NAm	7130
0200 0230		USA	Adventist World Radio	PAK	6175/AUT
0200 0257		CHN	China Radio Int.	As	11770ka 13640ka
0200 0300	Tu-Sa	ARG	R.Argentina al Exterior	Am	11710
0200 0300		AUS	Radio Australia	As	15415 17750 21725
				Woc	9660 13630 15240 21725
				Oc	12080 15240 15515
0200 0300		BRM	Radio Myanmar	SEA	576 7185
0200 0300		G	BBC World Service	CAm	9525/USA-o
				Car	5975/ATG
				SAm	9825s 12095/ASC
0200 0300		G	BBC World Service	EAF	9750/SEY
0200 0300		G	BBC World Service	EEu	666/RUS-e 1260/RUS-m

0200 0300		G	BBC World Service	FE	15280/THA
				SAs	1413#/OMA 11955/OMA 15310/THA 17790/SNG
				SEA	15360/SNG
0200 0300		G	BBC World Service	ME	1323/CYP 6195/CYP 9410/CYP
0200 0300		INS	Voice of Indonesia	SAs	9525 11785 15150
0200 0300		KOR	Radio Korea Int.	NAm	9560/CAN 15575
				SAm	11810
0200 0300		KRE	Voice of Korea	SEA	4405 13650 15100
0200 0300		RUS	Voice of Russia	NAm	7180/MDA 7350 15425 15475 15595
				As	17695
0200 0300		TWN	Radio Taiwan Int.	NAm	5950/USA-o 9680/USA-o
				SEA	11875 15465
0200 0300		USA	Voice of America	As	7200/GRC 11705/THA 11820/CLN 17740/PHL
0200 0300		USA	WYFR Family Radio	ENA	6065
				WNA	9505
				CAm	5985 11855
0200 0330		EGY	Radio Cairo	NAm	7260
0200 0330		USA	KJES Vado, NM	NAm	7555
0200 0400		HWA	KWHR World Harvest R.	As	17510
0215 0230		NPL	Radio Nepal	NPL	5005
0230 0300	Su	AUS	HCJB Australia	SAs	15560
0230 0300	Su	BLR	Radiostation Belarus	Eu	5970 7210
0230 0300		S	Radio Sweden	NAm	6010/CAN
0230 0300		VTN	Voice of Vietnam	ENA	6175/CAN
0230 0400		CLA	VoJammu-Kashmir Freedom	SAs	5990
0230 1000		CLN	Sri Lanka BC	SAs	6130
0240 2200		ZMB	Zambia NBC Radio 2	SAF	6165
0245 0300	Tu-Su	ALB	Radio Tirana	NAm	6115 7160
0245 0300		G	BBC World Service	EAF	11865/SEY
0250 0315		CVA	Radio Vaticana	NAm	7305 9605
0300 0305		IND	AIR (Nx from Shillong)	IND	4970 4990 5050
0300 0320		CVA	Radio Vaticana	SAs	12070
0300 0330		CVA	Radio Vaticana	Af	7360
0300 0330	Sa	G	Wales Radio Int.	NAm	6005r
0300 0330		HRV	Voice of Croatia	NAm	7285/D-j
				SAm	7285/D-j
				Eu	594 774 783 1125 1134
0300 0330	Su	SWZ	Trans World Radio	ZWE	3200
0300 0330		THA	Radio Thailand	NAm	5890/USA-d 15460
0300 0355		AFS	Channel Africa	EAF	7390
0300 0357		CHN	China Radio Int.	As	11770ka 15110u
				NAm	9690/E 9790/CUB
0300 0400		AUS	Radio Australia	As	15415 17750 21725
				WOc	9660 13630 15240 21725
				Oc	12080 15240 15515
0300 0400		BUL	Radio Bulgaria	NAm	7400 9700
0300 0400		G	BBC World Service	CAm	9525/USA-o
				Car	5975/ATG
0300 0400		G	BBC World Service	EAF	9750/CYP 12035/SEY 15420\$/SEY
				SAF	3255/AFS 6005/ASC 6190/AFS
				WAF	7160/ASC 11760/CYP 11765/AFS
0300 0400		G	BBC World Service	Eu	6195r 9410s 9410/CYP
				EEu	666#/RUS-e 1260#/RUS-m
0300 0400		G	BBC World Service	FE	9605/J 15280/THA 15360/THA 15575/OMA 17760/THA 21660/THA
				SAs	15310/OMA 17790/THA
				SEA	15360/THA
0300 0400		G	BBC World Service	ME	639#/CYP 1323/CYP 1413/OMA
0300 0400		J	NHK Radio Japan	Oc	21610
0300 0400		KRE	Voice of Korea	FE	3560 7140 9345 9730
0300 0400		OMA	Radio Sultanate of Oman	EAF	15355t
0300 0400		RUS	Voice of Russia	NAm	7150 7180/MDA 7350 12010 15425 15475 15595
				As	17695

0300	0400		TWN	Radio Taiwan Int.	NAm	5950/USA-o
					SAm	15215/USA-o
					SEA	15320
0300	0400		USA	Voice of America	Af	909/BOT 1530/STP 6035/BOT 6080/STP 7290/STP 7340#/BOT 7415 9885/BOT
0300	0400		USA	WYFR Family Radio	ENA	6065
					WNA	9505
					SAm	9985 11740
0300	0500		AFS	Channel Africa	SAf	3345
0300	0700		MLA	Voice of Islam	INS	6175
					As	9750
					AUS	15295
0300	1000	Su,Mo	USA	WRMI Radio Miami Int.	NAm	6870
0300	1300		USA	WWCR 4	NAm	5770
0330	0400	Tu-Su	ALB	Radio Tirana	NAm	6115 7160
0330	0400		HNG	Radio Budapest	NAm	9775
0330	0400		S	Radio Sweden	NAm	6010/CAN
0330	0400		VTN	Voice of Vietnam	CAM	6175/CAN
0345	0400		TJK	Radio Tajikistan	As	1161 7245
0345	0600	SaSu	UGA	Radio Uganda	EAF	4976 5027
0400	0410		BOT	Radio Botswana	SAf	4820 7255
0400	0427		CZE	Radio Prague	NAm	6200 7345
0400	0430		F	Radio France Int.	EAF	9555 9805/GAB
0400	0445		USA	WYFR Family Radio	ENA	6065 6855
					WNA	9505
					MEX	9715
					Eu	7355
0400	0450		TUR	Voice of Turkey	Eu	6020
					NAm	6020
					As	7240
					Af	7240
0400	0457		CHN	China Radio Int.	NAm	6190/CAN 9560/CAN 9755/GUF
0400	0500		AUS	Radio Australia	As	15415\$ 17750 21725
					Woc	9660 13630 15240 21725
					Oc	12080 15240 15515
0400	0500		D	Deutsche Welle	EAF	6180/RRW 9545/RRW 9710w
0400	0500		G	BBC World Service	CAM	6135/USA-d
					Car	5975/ATG
					SAm	5975/ATG
0400	0500		G	BBC World Service	EAF	12035/CYP 15420/SEY
					SAf	3255/AFS 6190/AFS
					WAF	6005/ASC 7160/ASC
						11760/CYP 11765/AFS
0400	0500		G	BBC World Service	Eu	6195r 6195s 9410r 9410/CYP
					EEu	612+/UKR 666/RUS-e(Su)
						1260/RUS-m(Su)
						1260/RUS-sp(Su)
0400	0500		G	BBC World Service	FE	9605/J 15280/THA 15360/THA 15575/OMA 17760/THA 21660/THA
					SAs	15310/OMA 17790/THA
					SEA	15360/SNG
0400	0500		G	BBC World Service	ME	1323/CYP
0400	0500		G	BBC DIGITAL	NAm	6010/CAN
0400	0500		HND	Radio Litoral	LAm	4832
0400	0500		HOL	Radio Nederland	WNA	6165/ATN 9590/ATN
0400	0500	Mo-Fr	NMB	Namibian BC 1	SAf	6175
0400	0500		ROU	Radio Romania Int.	NAm	6125 9515
					SAs	11870 15250
0400	0500		RUS	Voice of Russia	NAm	7150 7180/MDA 12010 15425 15595
					Eu	603/D 1548/MDA
					As	17695
0400	0500		UKR	Radio Ukraine Int.	NAm	5910m
0400	0500		USA	Voice of America	Af	909/BOT 1530#/STP 4960/STP 6080/STP 7290/STP 7415 9575g 9775/BOT 9885#/BOT
0400	0500		USA	WHRA World Harvest R.	Af	5850

0400 0600		HWA	KWHR World Harvest R.	As	15220
0400 0607	Tu-Sa	CAN	R. Canada Nord-Quebec	CAN	9625
0400 0700		ZMB	Christian Voice	SAF	6065
0400 0759		NZL	Radio New Zealand Int.	Oc	15720
0415 0420	Mo-Fr	KGZ	Kyrgyz Radio	CAAs	4010 4795
0430 0445		ISR	Kol Israel	Eu	6280 7545
				NAm	6280 7545
				CAM	17600
				AUS	17600
0430 0457		CZE	Radio Prague	ME	9865
0430 0500	Mo-Fr	SWZ	Trans World Radio	SAF	4775 6120
0430 1000		NIG	Radio Nigeria Lagos	NIG	3326 4990
0445 0500		I	RAI International	Eu	5965 6000 7230
0445 0500		USA	WYFR Family Radio	Eu	7355
				ENA	6855
				MEX	9715
0500 0525		BEL	Radio Vlaanderen Int.	WNA	9590/ATN
0500 0530		CVA	Radio Vaticana	Af	7360 9660 11625
0500 0530		F	Radio France Int.	EAF	11995 11850/GAB
0500 0557		CHN	China Radio Int.	As	11770ka 11880k 15350ka 15465ka 17540ka
				NAm	6190/CAN 9560/CAN
				NAF	7220/ALB 17505ka
0500 0600		AFS	Channel Africa	WAF	11875
				SAF	7240
0500 0600		AUS	Radio Australia	As	11750\$ 15415\$ 17750
				WOC	9660 13630 15240
				Oc	12080 15160 15240 15515
0500 0600		BTN	Bhutan BS	BTN	6035
0500 0600		D	Deutsche Welle	SAF	7285w 9565/RRW 12035/RRW 15410/UAE
0500 0600		G	BBC World Service	CAM	6135/USA-d
0500 0600		G	BBC World Service	EAF	15420/SEY 17640/CYP 17885#/SEY 17885\$/SEY
				SAF	6190/AFS 11940/AFS
				WAF	6005/ASC 7160/ASC 11765/AFS
0500 0600		G	BBC World Service	Eu	6195s 6195r 9410r 9410s 9410/CYP 15565/CYP
				EEu	666+/RUS-e 1260+/RUS-m 1260+/RUS-sp 612+/UKR
0500 0600		G	BBC World Service	FE	9605/J 15280#/THA 15360/THA 21660/THA
				SAs	15310/OMA 17790/THA
				SEA	11955/THA 15360/SNG 17760/SNG
0500 0600		G	BBC World Service	ME	1323/CYP 11760/OMA 15575/CYP
0500 0600		J	NHK Radio Japan	SEA	17810
				As	15195
				Oc	21755
				WNA	6110/CAN
				Eu	5975/G-r 7230/G-w
0500 0600		RUS	Voice of Russia	Eu	603/D
0500 0600	Mo-Fr	SWZ	Trans World Radio	SAF	4775 6120 9500
0500 0600	SaSu	SWZ	Trans World Radio	SAF	4775 9500
0500 0600		USA	Voice of America	Af	909/BOT 6035g 6105/STP 7295/MRC 13710/BOT
0500 0600		USA	WHRA World Harvest R.	Af	5835
0500 0600	Mo-Fr	USA	WSHB World Harvest R.	Am	5970
0500 0600		USA	WYFR Family Radio	Eu	7520
				ENA	6855
0500 0700		CUB	Radio Habana Cuba	NAm	6000 6060 9550 11760
0500 0700		NIG	Voice of Nigeria	Eu	15120
0500 0800		USA	WEWN Birmingham, AL	NAm	5825
				Eu	7570
				Af	7570
0500 2300		NIG	Radio Nigheria Ibadan	NIG	6050
0530 0545		G	BBC World Service	Eu	6010s 9815r
0530 0600		THA	Radio Thailand	Eu	13780

0530 0915		GHA	Ghana Broadcasting C.	WAF	4915
0555 2230		LBR	ELWA Radio Liberia	WAF	4760
0600 0605	SaSu	SWZ	Trans World Radio	NIG	11640/AFS
0600 0610		ZMB	Zambia NBC Radio 1	SAF	5915
0600 0620		CVA	Radio Vaticana	Eu	1530 4005 5885 7250
0600 0630		F	Radio France Int.	WAF	9595/ASC
				EAF	15155 17800
0600 0630		USA	Voice of America	Af	909/BOT 1530/STP 5995/MRC 6035g 6105/STP 7295/MRC 9695 11655/BOT 11835/BOT 11995/GRC 13710/BOT
0600 0635	Mo-Fr	SWZ	Trans World Radio	NIG	11640/AFS
0600 0657		CHN	China Radio Int.	As	11770ka 11880k 15140u 15350ka 15465ka 17540ka
				NAm	6115ka
				NAf	11750/ALB 17505ka
0600 0700		AFS	Channel Africa	SAF	7240
				WAF	15220
0600 0700		AUS	Radio Australia	As	15415 17750
				Woc	9660 11880 13630 15240
				Oc	12080 15160 15240 15515
0600 0700		D	Deutsche Welle	WAF	7225/POR 7225w 11785w 15410/RRW
0600 0700		G	BBC World Service	EAF	17640/CYP 17885+/SEY
				SAf	6190/AFS 11940/AFS
				WAF	6005/ASC 11765/AFS 15400\$/ASC
0600 0700		G	BBC World Service	Eu	6195r 7160s 9410s 12095w 15565/CYP
				EEu	666/RUS-e 1260/RUS-m 1260/RUS-sp 612/UKR
0600 0700		G	BBC World Service	FE	9605/J 15360/THA 21660/THA
				SAs	15310/THA 17790/THA
				SEA	11955/THA 15360/SNG 17760/SNG
0600 0700		G	BBC World Service	ME	1323/CYP 15575/UKR(Mo-Sa) 15575/CYP(Su)
0600 0700		J	NHK Radio Japan	SEA	11740/SNG
				As	15195
				FE	11715 11760
				Oc	21755
				HWI	17870
				NAm	11690
				CAM	11690
				Eu	7230/G-w
0600 0700		RUS	Voice of Russia	Eu	603/D 1323/D
				Oc	12005 17665 21790
0600 0700		USA	WYFR Family Radio	Eu	7355 11530
				Af	11580
				CAM	5850
				SAM	9680
0600 0800		USA	AFRTS	NAO	7590/ISL 13855/ISL
				Car	5446.5k 7812.5/PTR 12133.5k
				Oc	6350/HWI 13362/GUM
0600 0800		USA	WHRA World Harvest R.	Af	7580
0600 0830		MLA	Voice of Malaysia	INS	6175
				As	9750
				AUS	15295
0600 0900		SWZ	Trans World Radio	SAF	6120 9500
0600 1000		D	Deutsche Welle	Eu	6140j
0600 1000		D	Deutsche Welle DIGITAL	ME	21675/CLN
0600 1000		HWA	KWHR World Harvest R.	Oc	11565
0600 1000		USA	WSHB World Harvest R.	Am	7315
0600 1900		HWA	KWHR World Harvest R.	As	9930
0605 0630	Su	AUT	ORF oe1 International	ME	17870
0630 0645	SaSu	G	BBC World Service	Eu	9875/CYP
0630 0700		ROU	Radio Romania Int.	WEu	9565 11710
0630 0700		USA	Voice of America	Af	5995/MRC 7295/MRC 9695 11655/BOT 11835/BOT

0630 0930	Mo-Fr	SRL	Radio UNAMSIL	SRL	6140
0635 0700	Su	AUT	ORF oe1 International	ME	17870
0700 0703		HRV	Voice of Croatia	Oc	9470/D-j
				Eu	594 774 783 1125 1134
0700 0720		G	BBC World Service	Waf	6005/ASC
0700 0730		CHN	PBS Xizang	CHN	4905 4920 5240 6110 6130
					6200 9490 9580
0700 0730		SVK	Radio Slovakia Int.	AUS	13715 15460
0700 0745		USA	WYFR Family Radio	Eu	7355
				Waf	9985
				WNA	5985
				ENA	6855
				CAM	9495 9715
0700 0757		CHN	China Radio Int.	Eu	1215/ALB 11855/ALB
				As	11880k 15350ka
					15465ka 17540ka
0700 0800		AFS	Channel Africa	SAF	11825
0700 0800		AUS	Radio Australia	As	15415 17750
				Woc	9660 11880 13630 15240
				Oc	12080 13630 15160 15240
0700 0800		F	Radio France Int.	Waf	11700/GAB 11725/GAB
					15605/GAB
0700 0800		G	BBC World Service	Eaf	17885+/SEY
				SAF	6190/AFS 11940/AFS
				Waf	11765/ASC 15400/ASC
0700 0800		G	BBC World Service	Eu	6195r 9410s 12095w 15485s
					15565r 17640s 17830r
				UKR	612/UKR
0700 0800		G	BBC World Service	FE	9605/J 15360/THA 21660/THA
				SAs	15310/THA 17790/OMA
				SEA	11955/THA 15360/SNG
					17760/SNG
0700 0800		G	BBC World Service	ME	1323/CYP 11760/OMA
					15575#/CYP 15575\$/CYP
0700 0800	Mo-Fr	NMB	Namibian BC 1	SAF	6175
0700 0800		RUS	Voice of Russia	Eu	603/D 1323/D
				Oc	12005 12060 17665 21790
0700 0800		TWN	Radio Taiwan Int.	WNA	5950/USA-o
0700 0800		USA	Voice of America	Af	5995/MRC 9695 11655/BOT
0700 0830		BRM	Radio Myanmar	SEA	576 9730
0700 1000		RUS	Voice of Russia DIGITAL	Eu	15780
0700 1100		AUS	HCJB Australia	Oc	11750
0700 1400		PNG	NBC Port Moresby	PNG	4890
0700 1700		ZMB	Christian Voice	SAF	9865
0730 0745		CVA	Radio Vaticana	Eu	585 1530 4005 5885 6185
					7250 9645 11740 15595
				Af	9645 15595
				As	15595
0730 0800		BUL	Radio Bulgaria	WEu	11600 13600
0730 0800		GEO	Radio Georgia	NEu	11805/abc
0730 0800	Su	S	Radio Sweden	Eu	1179
0730 0900	SaSu	GUM	KTWR Trans World Radio	SEA	15225
0730 0945	Su	USA	Bible Voice	Eu	5945/D-j
0740 0900	Mo-Fr	GUM	KTWR Trans World Radio	SEA	15225
0745 0800		USA	WYFR Family Radio	ENA	6855
				CAM	9495 9715
				Waf	9985
0745 0920	Su	USA	Trans World Radio	Eu	9870/MCO 11865/ALB-s
0800 0825		BEL	Radio Vlaanderen Int.	Eu	1512 5965/D-j
0800 0827		CZE	Radio Prague	WEu	7345 9880
0800 0830	Mo-Sa	TJK	Radio Tajikistan	CAs	1143 7245
0800 0845		USA	WYFR Family Radio	ENA	6855
				WNA	7455
				MEX	5950
				Waf	9985
0800 0857		CHN	China Radio Int.	Eu	1215/ALB 11855/ALB 17490ka
				As	11880k 15350ka
					15465ka 17540ka
0800 0900	Su	AFS	So.African Radio League	SAF	9750



0800 0900		ALS	KNLS Anchor Point	EAF	17700
0800 0900		AUS	Radio Australia	FE	9615
				As	15240 15415\$ 17750
				Woc	9590 9710
				Oc	5995b 9580 9590 12080 13630
0800 0900		BTN	Bhutan BS	BTN	6035
0800 0900		G	BBC World Service	EAF	17885/SEY
				SAF	6190/AFS 11940/AFS 21470/SEY
				WAF	15400/ASC 17830/ASC
0800 0900		G	BBC World Service	Eu	9410s 12095w 15485s 15565r 17640s 17640w
				EEu	666/RUS-e 1260/RUS-m 1260/RUS-sp
0800 0900		G	BBC World Service	FE	9605/J 15360/THA 21660/THA
				SAs	15310/THA 17790/OMA
				SEA	11955/THA 15360/SNG 17760/SNG
0800 0900		G	BBC World Service	ME	1323/CYP 11760/OMA 15575+/CYP
0800 0900		INS	Voice of Indonesia	AUS	9525 15150
				SEA	9525 15150
0800 0900		KOR	Radio Korea Int.	Eu	9640
				SEA	9570
0800 0900		RUS	Voice of Russia	Eu	603/D 1323/D
				As	1251/TJK 17570
				Oc	12005 12060 17495 17525 17570 17665 21790
0800 0900		TWN	Radio Taiwan Int.	Oc	9610
0800 0900		USA	Voice of America	Af	5995/MRC 9695 11655/BOT
0800 0915	Sa	USA	Bible Voice	Eu	5945/D-j
0800 0920	Mo-Fr	USA	Trans World Radio	Eu	9870/MCO 11865/ALB-s
0800 1000	Su	NZL	NZ Association of Radio	NZL	3900 (last Sunday of month)
0800 1059		NZL	Radio New Zealand Int.	Oc	9885
0800 1100		USA	WSHB World Harvest R.	NAm	5860
0800 1300		USA	WEWN Birmingham, AL	NAm	5825
0800 1700		USA	AFRTS	NAO	7590/ISL 13855/ISL
				Car	5446.5k 7812.5/PTR 12133.5k
				Oc	5765/GUM 6350/HWI
0815 0830		NPL	Radio Nepal	NPL	5005
0815 0845	We,Fr	USA	Bible Voice	Eu	5945/D-j
0815 0850	Sa	USA	Trans World Radio	Eu	9870/MCO 11865/ALB-s
0815 0930		GUM	KTWR Trans World Radio	Oc	11840
0830 2130		AUS	Australian Broadc.Co.	AUS	2310 2325 2485
0845 1000		USA	WYFR Family Radio	ENA	6855
				WNA	7455
				MEX	5950
0900 1000		AUS	Radio Australia	As	11880 15240 15415\$
				Woc	9590
				Oc	9580 9590
0900 1000		G	BBC World Service	EAF	17885/SEY
				SAF	6190/AFS 11940/AFS 21470/SEY
				WAF	15400/ASC 17830/ASC
0900 1000		G	BBC World Service	Eu	12095w 15485s 15565r 17640s 17640w
0900 1000		G	BBC World Service	FE	9605/J 15360/THA 21660/THA
				SAs	15310/THA 17790/OMA
				SEA	6195/SNG 6195/THA 9740/SNG 17760/SNG
0900 1000		G	BBC World Service	ME	1323/CYP 11760/OMA 15575/UKR (Mo-Sa) 15575/CYP (Su)
0900 1000		G	BBC World Service	SAm	15190/ASC
0900 1000		RUS	Voice of Russia	Eu	603/D 1323/D
				As	1251/TJK 17570
				Oc	17495 17525 17570 17665
0900 1000	Su	UN	Radio UNMEE	EAF	21460/UAE
0900 1000		USA	Voice of America	ME	13865/CLN 15615/GRC 17555/GRC

0900 1000		USA	WYFR Family Radio	FE	9450/RUS-n
0900 1057		CHN	China Radio Int.	Oc	15210k 17690j
				Eu	17490ka
0900 1100		AUS	Voice International	SEA	11955
				FE	13685
0915 0930	Dec25	USA	Bible Voice	Eu	5945/D-j
0930 1000		GEO	Radio Georgia	CEu	11910
0930 1000		LTU	Radio Vilnius	Eu	9710
0930 0505		CAN	CKZN St John's	CAN	6160
1000 1030		CZE	Radio Prague	SAs	21745
				WAF	21745
1000 1030		MNG	Voice of Mongolia	SAs	12085
1000 1030		USA	Adventist World Radio	FE	11900/GUM
				PHL	11870/GUM
1000 1045		USA	WYFR Family Radio	ENA	6855 6890
				WNA	7455
				MEX	5950
				FE	9450/RUS-n
1000 1100		AUS	Radio Australia	As	11880 15240 15415
				Woc	9590
				Oc	9580 9590
1000 1100		G	BBC World Service	Car	6195/ATG
1000 1100		G	BBC World Service	EAF	17885/SEY
				SAF	6190/AFS 11940/AFS 21470/SEY
				WAF	15400+/ASC 17830+/ASC
1000 1100		G	BBC World Service	Eu	7320r 12095w 15485s
					15565r 17640s 17640w
				EEu	666/RUS-e 1260/RUS-m
					1260/RUS-sp
1000 1100		G	BBC World Service	FE	9605/J 11945\$/THA
					15360#/THA 17760/THA
					21660/THA
				SAs	15310/THA 17790/OMA
				SEA	6195/THA 6195/SNG 9740/SNG
					15285\$/SNG
1000 1100		G	BBC World Service	ME	1323/CYP 11760/OMA
					15575/UKR (Mo-Sa)
					15575/CYP (Su)
1000 1100		HOL	Radio Nederland	Oc	9790/ATN
				FE	7315/RUS-p 12065/RUS-i
					13820/RUS-kh
				SEA	12065/RUS-i
1000 1100		HOL	Radio Nederland DIGITAL	Eu	7240
1000 1100		IND	All India Radio	Oc	13710b 17510k 17895a
				FE	15020a 15235b 17800b
				CLN	1053 15260d
1000 1100		J	NHK Radio Japan	SEA	9695
				As	11730
				Oc	21755
				ENA	6120/CAN
				Eu	17585/UAE
				ME	17720/UAE
1000 1100		KRE	Voice of Korea	CAM	9335 9850
				SEA	3560 6185 6285
1000 1100		USA	Voice of America	ME	13865/CLN 15615/GRC
					17555/GRC
1000 1100		USA	WWCR 1	NAm	9985
1000 1200		AFS	Channel Africa	SAF	11825
1000 1200	SaSu	HWA	KWHR World Harvest R.	Oc	11565
1000 1300		USA	WSHB World Harvest R.	Am	9495
1000 1500		NIG	Voice of Nigeria	Eu	15120
1000 1705		CLN	Sri Lanka BC	SAs	4940
1000 2200		AIA	The Caribbean Beacon	NAm	690 1610 11775
1000 2200		USA	WJIE Millerstown, KY	NAm	7490
1030 1045		ISR	Kol Israel	Eu	15640 17535
				NAm	15640 17535
1030 1100	12456	CVA	Radio Vaticana	Eu	585 1611 5885
1030 1100	Mo-Fr	ETH	Radio Ethiopia	EAF	5990 7110 9704.2
1030 1100		GEO	Radio Georgia	ME	11910

1030	1100		VTN	Voice of Vietnam	SEA	9840	12020
1030	1130		IRN	IRIB Teheran	SAs	765	15460k 15480k
					AZE	702	
1030	1130	Tu	UN	Radio UNMEE	EAF	21550	UAE
1045	1100		USA	WYFR Family Radio	ENA	6855	6890
					MEX	5950	
					FE	9450	RUS-n
1100	1103		HRV	Voice of Croatia	Eu	594	774 783 1125 1134
1100	1104		PAK	Radio Pakistan	Af	15100	
					Eu	17835	
1100	1130		VTN	Voice of Vietnam	SEA	1242	7285
1100	1145		USA	WYFR Family Radio	ENA	6890	
					WNA	7355	
					MEX	5950	
					SAm	9555	11725 11830
1100	1157		CHN	China Radio Int.	NAm	5960	CAN
					Eu	13665	ALB 17490ka
					FE	1269	
1100	1200		AUS	Radio Australia	As	9475	11880 15240#
					Woc	6020	9560 9590
					Oc	5995b	6020 9580 9590 12080
1100	1200	Sa	BEL	TDPradio DIGITAL	Eu	7240	HOL
1100	1200		G	BBC World Service	Car	6195	ATG 15190/ATG
					SAm	15190	ATG 15190#+/ASC
						17790#	ASC
1100	1200		G	BBC World Service	EAF	17885	SEY
					SAF	6190	AFS 11940/AFS 21470/SEY
					WAF	15400#	ASC 17830/ASC
1100	1200		G	BBC World Service	Eu	7320r	12095w 15485s
						15565r	17640s 17640w
					EEu	666	RUS-e 1260/RUS-m
						1260	RUS-sp
1100	1200		G	BBC World Service	FE	17760	THA
					SAs	15310	THA 17790/OMA
					SEA	6195	SNG 9740/SNG
1100	1200		G	BBC World Service	ME	1323	CYP 11760/OMA
						15575	UKR (Mo-Sa)
						15575	CYP (Su)
1100	1200	Su-Fr	HOL	Radio Nederland DIGITAL	Eu	7240	
1100	1200	Fr	I	IRRS Milano	Eu	15665	
1100	1200		J	NHK Radio Japan	SEA	9695	
					As	11730	
					ENA	6120	CAN
1100	1200		SNG	Radio Singapore Int.	As	6080	6150
1100	1200		TWN	Radio Taiwan Int.	SEA	7445	
1100	1200	Su=	USA	Brother Stair	Eu	6110	D-j
1100	1200		USA	Voice of America	ME	13865	CLN 15615/GRC
						17555	GRC
					SEA	1575#	THA
1100	1230		AUS	HCJB Australia	SEA	15425	
1100	1259		NZL	Radio New Zealand Int.	Oc	15530	
1100	1300		USA	WINB Red Lion, PA	NAm	9320	
1100	1300		USA	WSHB World Harvest R.	NAm	7535	
1100	1330		EQA	HCJB Voice of the Andes	Am	12005	21455
1100	1500		AUS	Voice International	SEA	13635	
					FE	13685	
1100	1700	SaSu	GNE	Radio East Africa	Af	15185	
1100	2100		USA	WOCR 1	NAm	15825	
1130	1145		G	BBC World Service	SEA	7135	SNG 11920/THA
1130	1155		BEL	Radio Vlaanderen Int.	SAs	9945	RUS-i
					Oc	9945	RUS-i
1130	1157		CZE	Radio Prague	NEu	11640	
					ME	21745	
1130	1200	Fr	CVA	Radio Vaticana	Af	15595	17515
					As	15595	17515
1130	1200	Sa	G	Wales Radio Int.	Oc	17625r	
1130	1200		USA	Adventist World Radio	SEA	15260	GUM
1130	1200	SaSu	USA	Bible Voice	FE	5945	RUS-kh
1145	1200		USA	WYFR Family Radio	ENA	6890	

WNA 7355

SAm 9555 11725 11830

(Eike Bierwirth's shortwave broadcasting-schedule list - Last update: December 27, 2004, filtered for the language-based transmissions by JKB)

**PAKISTAN:** *Pakistan Broadcasting Corporation* HF Broadcast Schedule B04, from October 31, 2004 to March 26th, 2005.

Far East					Arabic	9340	1815-1900	38	39	46	47
Chinese	9585*	1200-1230	41	42 43 44 45	Urdu	11570	0500-0700	37-39			
Chinese	11570*	1200-1230	41	42 43 44 45	Urdu	15100*	0500-0700	37-39			
South East Asia					Urdu	17835*	0500-0700	38	39	46	47
Urdu	11580*	0045-0215	41	44 45 49 50 51 54 55 59	Urdu	9390*	1330-1530	37-39			
Urdu	15485*	0045-0215	41	44 45 49 50 51 54 55 59	Urdu	11570*	1330-1530	37-39			
Assami	9340	0045-0115	41	[partly in English]	English	9390*	1600-1615	37-39			
Assami	11565	0045-0115	41	[partly in English]	English	11570*	1600-1615	38	39	46	47
Bangla-1	9340	0115-0200	41		Urdu	7570	1800-1900	40			
Bangla-1	11565	0115-0200	41		Urdu	7570	1915-0045	38	39	46	47
Bangla-2	11550	1200-1245	41		Africa						
Bangla-2	15625	1200-1245	41		Gujrati	9340	0400-0430	41			
South Asia					Gujrati	11565	0400-0430	41			
Hindi-1	9340	0215-0300	41		English	11850	1600-1615	48s	52	53	57
Hindi-1	11565	0215-0300	41		English	15725	1600-1615	48s	52	53	57
Hindi-2	9340	1100-1145	41		West Europe						
Hindi-2	11570	1100-1145	41		[Urdu 0800-1104 opens and closes with						
Tamil-1	15625	0315-0345	41		a few minutes of English news]						
Tamil-1	17485	0315-0345	41		Urdu	15100*	0800-1104	17	18SE	27-29	
Tamil-2	15625	0945-1015	41		Urdu	17835*	0800-1104	17	18SE	27-29	
Tamil-2	17495	0945-1015	41		Urdu	7530*	1700-1900	17	18SE	27-29	
Sinhali	15625	1015-1045	41		Urdu	9400*	1700-1900	17	18SE	27-29	
Sinhali	17495	1015-1045	41		Afghanistan						
Nepali	11550	1245-1315	41		Turki	4850	1330-1400	39NE	40		
Nepali	15625	1245-1315	41		Turki	6060	1330-1400	39NE	40		
Turkey, Iran & Middle East					Pushto	4955	1445-1515	39E	40		
Turkish	9340	1630-1700	38	39	Dari	4955	1515-1545	39NE	40		
Turkish	11565	1630-1700	38	39	Dari	5860	1515-1545	39NE	40		
Irani	5860	1715-1800	40		CIS & Russia						
Irani	7570	1715-1800	40		Russian	7375	1415-1500	29	30E		
Arabic	7465	1815-1900	37-39		Russian	9340	1415-1500	29	30E		

All transmitters located at Rewat : \*250 kW – others 100 kW  
(via Noel Green, DXLD #4-169; November 8, 2004)

**POLAND:** Broadcasting B04 schedule external service of *Radio Polonia*. Home page internet: <<http://www.radio.com.pl/polonia>>. Postal address: Polish Radio, P.O.Box 46, 00-977 Warsaw, Poland.

ENGLISH				1900 - 1925	7285
1300 - 1359	11850	9525		RUSSIAN	
1800 - 1859	7265	7220		1200 - 1225	6180 7285
POLISH				1400 - 1429	7275 6035
1130 - 1159	7285	5965		1530 - 1555	7180
1630 - 1730	6035			1900 - 1929	6095
2200 - 2300	7265	6050		2000 - 2055	6200 7185
GERMAN				BELARUSSIAN	
1230 - 1259	9525	5965		1430 - 1530	7180 6035
1630 - 1655	7270			1730 - 1759	6050
2030 - 2055	6110	6150		UKRAINIAN	
ESPERANTO				1530 - 1559	6000
1600 - 1625	7270	7285		1930 - 1959	7210 6095

(via Jacek Szymik, 2004 Nov 8, HCDX via DXLD #4-169)

**RUSSIA:** *Voice of Russia* with Russian World Service. Relay via SW transmitters of Russia, valid 10/31/2004 - 03/26/2005:

kHz UTC kW				7360	1500-1900	250
Moscow				7365	1300-1600	200
6000	1630-1800	250		7390	1700-2100	250
6130	1600-2100	250		7400	1800-2200	200
6145	1600-2200	250		7420*	1800-2100	250
7230**	2200-2100	250		9470	1500-1800	250
7260	0200-0400	500		9480	1600-2100	500
7290	1600-2100	250		9830	1300-2000	500
7305	1800-2000	200		12035	1100-1600	500
7330	0000-0400	500		12060	DRM 0700-1600	080
7330	1700-2200	250		15460*	1200-1500	500

15780 DRM 0700-1100 080  
 17570\*\* 1200-1500 500  
 Sankt-Peterburg  
 5895 1500-1800 400  
 5910 1600-1700 400  
 5950 1900-2100 400  
 6030 1800-2000 200  
 6060 1800-2100 400  
 6090 1600-1900 200  
 6195 0100-0300 500  
 7130 1700-1800 400  
 7130 1830-2800 400  
 7340 1600-1800 200  
 12005 0700-0900 200  
 12060 0700-0900 200  
 Kaliningrad  
 5920 1630-2000 160  
 6235 1800-2200 160  
 7445 1500-2200 160  
 9720 1000-1100 160  
 Samara  
 5935 1500-1800 250  
 5940 1500-2000 250  
 6000 1800-2230 200  
 6175 1800-2000 200  
 6185 1300-1700 250  
 7215 1800-2000 250  
 7315\* 1400-1700 250  
 7320\* 1700-1800 200  
 7355 1900-2000 200  
 7370 1630-1900 200  
 7390 0000-0300 500  
 7420\*\* 1700-1800 200  
 9885\*\* 1300-1600 250  
 9900\* 1300-1600 250  
 9900\*\* 1400-1700 250  
 Ekaterinburg  
 6045 1400-2000 200  
 7310 1845-2100 200  
 7320 1600-1630 200  
 7380 1700-2000 200  
 Krasnodar  
 5925 1500-2000 100  
 5945 0100-0300 500  
 5950 1800-1900 250  
 6005 1500-1900  
 7240 0200-0400 500  
 7300 1600-2200 250

9800 1200-1600 500  
 11655 1300-1500 250  
 15540 1000-1100 250  
 Novosibirsk  
 5945 1500-1900 100  
 5995 1200-1500 100  
 7155 1500-1900 500  
 7305 1200-1400 200  
 7305 1400-1600 500  
 9465 1000-1100 200  
 9865 1200-1300 500  
 Irkutsk  
 5910 1700-1900 250  
 5920 1000-1400 100  
 5995 1500-1900 100  
 6125 1000-1100 100  
 6125 1200-1300 100  
 9770 1300-1500 500  
 21790 0600-0900 250  
 Chita  
 6205 1200-1300 500  
 6205 1400-1600 500  
 7335 1700-2000 500  
 7350 1200-1600 500  
 17570 0800-1000 250  
 17695 0200-0500 250  
 Khabarovsk  
 6145 1100-1300 100  
 7220 1100-1500 100  
 Komsomolsk-na-Amure  
 7155 1200-1400 250  
 9495 1300-1500 250  
 12110 0200-0600 250  
 15475 0200-0400 250  
 17665 0600-1000 250  
 Vladivostok  
 3955 1000-1100 100  
 3955 1200-1300 100  
 3955 1400-1500 100  
 5930 1100-1500 100  
 7260 1300-1800 500  
 15425 0300-0600 500  
 Petropavlovsk-Kamchatskiy  
 7415 1500-1900 250  
 13665 0200-0400 250  
 15595 0200-0600 200  
 \* = Till 03/05/2005  
 \*\* = Since 03/06/2005

**Voice of Russia** with Russian World Service. Relay via SW transmitters abroad Russia valid /10/312004 - 03/26/2005:

kHz UTC kW

Armenia

11510 1700-2000 500

Moldova

6170 1900-2100 500

7125 0000-0600 500

7180 0100-0600 500

Ukraine

7150 0200-0600 500

Tajikistan

4940 1600-1500 100

4940 1600-1700 100

4965 1300-1500 100

4965 1600-1700 100

4975 1300-1500 100

4875 1600-1700 100

7510 1500-2000 200

7570 0000-0300 500

9945 0200-0300 500

11500 1200-1500 500

17495 0800-1000 500

17525 0800-1000 500

China

11500 1500-1600 120

Vatican City State

7170 2100-2130 250

7350 0200-0500 250

Germany

5965 2000-2200 100

5975 2000-2200 100

5990 2100-2200 100

5995 0200-0400 100

6175 2300-0000 100

9555 1500-1600 100

(Nikolay Rudnev in RUS-DX #137-B; December 12, 2004, via Klepov via WDXC-HQ)

**Foreign relay** via short wave transmitters in Russia, 10/31/2004 - 03/26/2005:

kHz	UTC	kW	Station	
Moscow				7125* 1300-1330 Tue,Thu, Sat 500 DEG
6205	1700-2000	250	YFR	7390 1300-1500 200 VOA
7170	2200-2300	250	CRI	7430 2200-2300 200 RFI
7200	1830-1930	200	CRI	7430 1200-1300 500 RFI
7220	1930-2000	200	CRI	9445 1400-1515 250 FEB
7375	DRM 2000-2100	Sat 200	TDP	9450 0200-0245 250 FEB
7435	1600-1700	250	BBC	12025 2300-0100 500 RFI
9840 @	1630-1745	250	FEB Till 20/03	12070 0200-0330 250 VAT
9925	0600-0700	250	VRT	* alternative 7180 and 7480
13800	1400-1700	Sun 250	VRT	Irkutsk
15195	1200-1230	250	VRT	5895 1330-1400 100 VAT
Sankt-Peterburg				5905 2200-2300 250 VOA
7130	1600-1700	400	CRI	5945 0930-1030 500 FRI
7130	1800-1830	400	CRI	6225 1300-1350 500 DWL
Samara				7210 1500-1700 250 RFA
5935	1800-1900	250	IBR	7340 1400-1615 250 FEB
7215	2030-2130	250	CRI	7400 1000-1400 250 DWL
7370*	0200-0300	250	FEB	7535 1230-1500 250 TWR
7370	1900-2000	250	YFR	9450 0900-1200 250 YFR
7580	1300-1700	250	YFR	9945 1130-1230 250 VRT
7590	1700-1730	Fri,Thu	250 VOL	12015 1100-1300 500 RFI
7590	1700-1800	Wed	250 LBT	12065 1000-1100 250 RNW
7590	1700-1800	Sat	250 DER	15510 0230-0300 250 BBC
7590	1730-1800	Mon	250 ORO	Chita
12120**	0400-0500	Sun	250 LBT	6205 1315-1400 500 VAT
15525	0400-0530	250	FEB	7560 1230-1515 250 TWR
*	alternative	9860		Vladivostok
**	alternative	15675		7115 1230-1300 250 IBR
Krasnodar				7315 2200-2300 500 RFI
5840	1730-1800	250	RPR	7330* 1100-1530 500 BBC
7240	1900-2000	250	YFR	7590 1400-1500 Tue 250 VKK
7330*	1530-1700	200	IBR	12075 2300-2400 500 RFI
7365	1600-1645	250	TWR	15110 0100-0200 200 DWL
7490	1800-2200	200	VRT	* alternative 7550
7590	2000-2100	Sat	100 TDP	Komsomolsk-na-Amure
9850@	1530-1645	100	FEB Since 21/03	6205 1030-1055 250 DWL
12065	0500-0545	200	BVB	Khabarovsk
13660	0600-1200	Mon-Sat	200 BBC	5945 1130-1315 100 BVB
15145	0800-0830	500	DWL	9600# 2200-2245 100 VAT Till 05/12, Since 07/02
15195	0700-0900	200	VRT	9940 1300-1400 100 RNW
*	alternative	7460		13800 1000-1100 100 RNW
Ekaterinburg				Petropavlovsk-Kamchatskiy
6245	1545-1600	Sun	100 TWR	5895 1200-1300 200 IBR
6245	1600-1700	100	TWR	5910 1000-1400 250 DWL
6245	1700-1730	Sat	100 TWR	7315 1000-1100 250 RNW
7180	1700-1730	Sat	100 TWR	7380 1300-1400 250 RNW
Novosibirsk				9600# 2200-2245 250 VAT Since 06/12 Till 06/02
5830	1900-1930	200	RPR	12065 2030-2100 250 VOA
5840	1800-1900	500	IBR	15145 0100-0200 250 DWL
6245	1730-1930	250	DWL	

**Foreign relay** via short wave transmitters of the countries of CIS, 10/31/2004 - 03/26/2005:

kHz	UTC	kW	Transmitter	
Armenia				Moldova
5855	1710-1840	100	TWR	7360 2000-2200 500 YFR
5855	1910-1940	100	TWR	7460 0230-0315 500 RPD
7365	0030-0200	100	FEB	7470 1600-1630 500 ARA
7550	2300-2400	500	RFA	7480 1800-1845 500 RPD
7560	0100-0300	500	RFA	7490 1730-1815 500 RIN
9365	1100-1400	500	RFA Till 05/03	7510 0430-0500 500 ARA
11520	1500-1600	500	RFA	11530 0500-1700 500 MEZ
11590	1100-1400	500	RFA \x{0441} 06/03	Kazakhstan
11790	1400-1500	100	VOA	5905 1430-1530 200 DVB
17540	0600-0700	500	RFA	6225 2200-2350 500 DWL
Belarus				7405 2345-0115 200 TWR
7440	1900-2000	150	YFR	9355 1630-1700 Tue, Fri 200 VOO
				9395 1200-1400 500 DWL

11510 1230-1330 200 RFA  
 12055 0045-0115 200 TWR  
 13830 0000-0100 200 RFA  
 15605 1000-1200 500 DWL

## Tajikistan

4760 0100-0200 100 RFE  
 4760 1630-1700 100 RFE  
 4995 1500-1600 100 RFE  
 7415 2300-2400 200 RFA  
 7455 1800-2000 500 RFA  
 7470 0100-0300 200 RFA Till 05/03  
 7480 0100-0200 200 RFA  
 7495 1500-1600 200 RFA  
 7515 1600-1700 200 RFA  
 7515 2330-0030 200 RFA  
 7530 1600-1700 200 RFA  
 7540 1500-2200 500 RFA  
 7540 2300-2400 500 RFA  
 9355 1300-1400 200 RFA  
 9365 0100-0200 200 RFA  
 9365 1400-1500 200 RFA  
 11535 0030-0130 200 RFA  
 11540 1100-1300 200 RFA  
 15660 0100-0300 200 RFA Since 06/03  
 17495 0300-0700 500 RFA  
 17515 0600-0700 200 RFA  
 17525 0300-0700 500 RFA

## Ukraine

## Relays:

ARA - Arabic Radio  
 BBC - British Broadcasting Corp.  
 BVB - Bible Voice Broadcasting Network  
 CRI - China Radio Int.  
 DEG - Degar Voice  
 DER - Dejen Radio  
 DVB - Democratic Voice of Burma  
 DWL - Deutsche Welle  
 FEB - FEBA Radio  
 IBC - IBC Tamil  
 IBR - IBRA Radio  
 LBT - Voice of Liberty  
 MEZ - Voice of Mesopotamia  
 ORO - Radio Voice of Oromiya  
 RFA - Radio Free Asia  
 RFE - Radio Free Europe / Radio Liberty

(RUS-DX #137-C via Klepov via WDXC-HQ; December 19, 2004)

**Voice of Russia** Relay via LW & MW transmitters, 10/31/2004 - 03/26/2005:

kHz / kW / Transmitter / ITU / UTC  
 234 / 500 / Gavar / ARM / 1000-1400, 2000-2300  
 585 / 1200 / Belororsk / RUS / 1100-1500  
 603 / 5 / Berlin-Zehlendorf / D / 0000-2300  
 603 / 200 / Hainan Prov. / CHN / 1200-1300  
 612 / 20/40 / Moscow (Kurkino) / RUS / 1600-1700, 2000-2300  
 612 / 100 / Vilnius / LTU / 0800-1600  
 612 / ? / ? / ? / 0300-0400, 1800-2000  
 630 / 500 / Komsomolsk-na-Amure / RUS / 1200-1400  
 648 / 1000 / Razdolnoe / RUS / 1000-1100, 1200-1300  
 648 / 1000 / Orzu / TJK / 0200-0400, 1300-2000  
 720 / 1000 / Yuzhno-Sakhalinsk / RUS / 1200-1400  
 801 / 1200 / Atamanovka / RUS / 1300-1500  
 801 / 1000 / Orzu / TJK / 0300-0500, 0900-1000, 1200-1830  
 936 / 1000 / Lvov / UKR / 0200-0400, 0900-2100  
 972 / 500 / Nikolaev / UKR / 0900-2000  
 972 / 1000 / Orzu / TJK / 0200-0400, 1200-1900  
 999 / 500 / Griroriopol / MDA / 2100-2400, 1300-1600, 1700-1800  
 1026 / 250 / Oyash / RUS / 0000-0300, 1700-2000

15575 0600-0730 Mon-Sat250 BBC  
 15575 0730-0900 Sat 250 BBC  
 15575 0900-1200 Mon-Sat250 BBC

## Uzbekistan

7110 0100-0130 200 BBC  
 7265 0030-0100 100 FEB  
 7430 1330-1445 200 BBC  
 7430 1500-1530 200 BBC  
 7435 1700-1900 200 YER  
 7460 0000-0100 100 IBC  
 7485 1400-1530 100 BVB  
 7510 1400-1500 100 YFR  
 9345 1400-1600 100 RNW  
 9445 0030-0145 200 TWR  
 9485\* 1230-1315 100 FEB  
 9570 0100-0400 100 VIL  
 9855 1400-1700 100 VIL  
 9865 1430-1550 100 VAT  
 9865 1550-1600 Sat 100 VAT  
 12070 1300-1300 100 RNW  
 13630 0400-1100 100 VIL  
 13765 1100-1400 100 VIL  
 17690 1200-1230 200 VRT  
 16mb\*\* 1212-1300 100 VOT  
 19mb\*\* 1302-1350 100 VOT  
 41mb\*\* 1430-1508 100 VOT  
 \* alternative 9450  
 \*\* Various frequencies in the specified range.

RFI - Radio France Internationale  
 RIN - R. Anternacional  
 RNW - Radio Nederland Wereldompoep  
 RPD - Radio Payam-e Doost  
 RPR - Radio Prague  
 TDP - TDP Radio  
 TWR - Trans World Radio  
 VAT - Radio Vaticana  
 VIL - Voice Int.  
 VKK - Voice of Khmer Krom  
 VOA - Voice of America  
 VOL - Voice Voice of Oromo Liberation  
 VOO - Voice of Orthodoxy  
 VOT - Voice of Tibet  
 VRT - Radio Vlaanderen Int.  
 YFR - WYFR Family Radio

1080 / 1000 / Angarsk / RUS / 1300-1500  
 1089 / 1200 / Tbilisskaya / RUS / 0300-0400, 0500-0700, 1600-2300  
 1143 / 150 / Bolshakovo / RUS / 1300-2200  
 1143 / 150 / Yangiyul / TJK / 1300-1500, 1900-2300  
 1170 / 1200 / Tbilisskaya / RUS / 2200-2300, 0400-0600, 1500-1900  
 1170 / 800 / Sosnovy / BLR / 0000-0500, 0700-1000, 1100-1600, 1800-2000  
 1215 / 1200 / Bolshakovo / RUS / 1000-1100, 1600-2400  
 1251 / 600 / Razdolnoe / RUS / 0800-1000, 1100-1500  
 1251 / 100 / Yangiyul / TJK / 1400-1900  
 1269 / 300 / Yunnan Prov. / CHN / 1300-1400, 1700-1800  
 1314 / 1000 / Gavar / ARM / 0300-0400, 1600-2300  
 1323 / 150/800 / Wachenbrunn / D / 0600-2300  
 1323 / 100 / Jilin Prov. / CHN / 1400-1500  
 1386 / 1200 / Bolshakovo / RUS / 1000-2000  
 1431 / 500 / Nikolaev / UKR / 1300-2000  
 1467 / 500 / Grigoriopol / MDA / 1800-2100  
 1494 / 600 / Krashy Bor / RUS / 1600-2000  
 1503 / 7 / Dushanbe / TJK / 0200-0400, 1300-2000  
 1548 / 1000 / Grigoriopol / MDA / 2100-2230, 0400-0900, 1300-1800  
 (N. Rudnev in RUS-DX #138-A via WDXC-HQ; January 02, 2005)

**SERBIA & MONTENEGRO:** *International Radio of Serbia and Montenegro - RSCG.* RSCG is an abbreviation of the station's Serbian name: Radio Srbija i Crna Gora. Programme schedule, B04 period October 31, 2004 to March 27, 2005. Address: Hilendarska 2 /IV, 11000 Beograd, Serbia and Montenegro. Fax: +381 11 32 32 014. Email: <radioyu@bitsyu.net>. WWW: <<http://www.radioyu.org>>.

Time (UTC)	Language	Target	KHz	KW	Azi
0000-0030	SPANISH 1	S.AMERICA/w	9680	250	265
0030-0100	SERBIAN 1 (Except Sunday)	N.AMERICA/ce EUROPE/w	7115	250	310
0100-0130	ENGLISH 1 (Except Sunday)	N.AMERICA/ce EUROPE/w	7115	250	310
0030-0130	SERBIAN(spec.) (Sunday only)	N.AMERICA/ce EUROPE/w	7115	250	310
0130-0200	SERBIAN (RTS)	N.AMERICA/ce EUROPE/w	7115	250	310
0200-0230	ENGLISH 2	N.AMERICA/w EUROPE/w	7130	250	310
1330-1400	ENGLISH 3 (Except Saturday and Sunday)	AUSTRALIA	11835	250	100
1400-1500	SERBIAN (RTS)	EUROPE/w	7200	250	310
1500-1530	SERBIAN 2 (Except Saturday and Sunday)	AUSTRALIA	11835	250	100
1530-1600	ARABIC 1	ARABIA	11800	250	130
1600-1630	RUSSIAN 1	RUSSIA/MOS...	6100	250	40
1630-1645	HUNGARIAN 1	HUNGARY	6100	250	0
1645-1700	GREEK 1	GREECE	6100	250	130
1700-1730	FRENCH 1	EUROPE/w	6100	250	310
1730-1800	GERMAN 1	EUROPE/w	6100	250	310
1800-1815	ALBANIAN 1	ALBANIA	6100	250	180
1815-1830	BULGARIAN 1	BULGARIA	6100	250	130
1830-1900	ITALIAN 1	EUROPE/w	6100	250	310
1900-1930	RUSSIAN 2	RUSSIA/MOS...	6100	250	40
1930-2000	ENGLISH 4	EUROPE/w	6100	250	310
2000-2030	SPANISH 2	SPAIN	7200	250	250
2030-2100	SERBIAN 3 (Except Saturday)	EUROPE/w	6100	250	310
2100-2130	GERMAN 2 (Except Saturday)	EUROPE/w	6100	250	310
2030-2130	SERBIAN (spec.) (Saturday only)	EUROPE/w	6100	250	310
2130-2200	FRENCH 2	EUROPE/w	6100	250	310
2200-2230	ENGLISH 5	EUROPE/w	6100	250	310
2330-2400	CHINESE 1	CHINA	9580	250	55

(RSCG schedule at the web last modified 11 Nov 2004, via JKB)

**SEYCHELLES:** *FEBA* B04 changes wef 24 Dec'04:

1530-1600	smtwtfs	PASHTO	7395	41	ARM (ex 7330)
1600-1630	smtwtfs	DARI	7395	41	ARM (ex 7330)
1630-1645	smtwtfs	HAZARAGI	7395	41	ARM (ex 7330)



1645-1700 smtwfbs UZBEK 7395 41 ARM (ex 7330)  
 (Alokesh Gupta via WDXC-HQ; December 31, 2004)

**USA: Adventist World Radio** has revised its procedure for issuing QSL cards, moving from one central contact address in England to several regional addresses. Effective immediately, the new contacts are as follows.

Listeners in the Asia/Pacific region:

AWR Asia/Pacific, 798 Thomson Road, Singapore 298186, Republic of SNG

Listeners in the Europe region:

AWR Europe, Whitegates, St. Mark's Road, Binfield, Berkshire, RG42 4AT, England

Listeners in the Africa region:

AWR Africa, P.O. Box 2522, Cramerview, 2060, Johannesburg, South Africa

Listeners in North/Central/South America:

Dr. Adrian Peterson, 903 Tanninger Drive, Indianapolis, IN 46239, USA

(AWR press release via Adrian Peterson via BC-DX #697, 2004 Dec 29)

**Global Catholic Radio - WENW** frequency guide B04 update for target Europe and Africa (North America and Latin America unchanged).

UTC	North America (English/Spanish)	Latin America (Spanish)	Europe/Africa (English)
1300	9955	7425/15745	<u>OFF AIR (ex 15745)</u>
1400	9955	11530/15745	<u>OFF AIR (ex 15745)</u>
1500	9955	11530/15745	<u>OFF AIR (ex 15745)</u>
1600	13615	11530/15745	<u>OFF AIR (ex 15695)</u>

(EWTN web page modified on 15 Nov 2004, via JKB)

**American Forces Radio and Television Service - AFRTS** on shortwave. The first military radio stations appeared in Panama and Alaska just prior to World War II. During the first days of U.S. entry into WWII, a military radio station was started on Bataan and Corregidor in the Philippines by General Douglas MacArthur's staff. The success of these early radio stations paved the way for the creation of the Armed Forces Radio Service (AFRS). In early 1945, at the height of WWII, there were about 300 AFRS radio stations worldwide. The end of the war brought considerable reductions to the AFRS system. By 1949, only 60 AFRS stations remained in operation. Today, AFRTS uses seven satellites along with digital compression technology to provide multiple television and audio services to military audiences in 177 countries, U.S. territories, and on board U.S. Navy ships. Current Shortwave High Frequencies:

Location	Band	Daytime	Nighttime
Diego Garcia	Upper Sideband	12579 kHz	4319 kHz
Guam	Upper Sideband	13362 kHz	5765 kHz
Key West, FL	Upper Sideband	12133.5, 7812.5, 5446.5	same as daytime
Pearl Harbor, Hawaii	Upper Sideband	10320	6350

(AFRTS schedule at the web via JKB, 15 Jan 2005)

\*\*\*\*\*

## Sources & Contributors:

Alokesh Gupta New Delhi - India.  
 AS Andrew Sennit - WRTH.  
 BBCM BBC Monitoring Service, Copyright ©  
 CONEXION CONEXION Digital - Buenos Aires, Argentina.  
 DXLD Glenn Hauser's DX LISTENING DIGEST - USA.  
 JKB Dr. Juergen Kubiak, Berlin - Germany.  
 OBSERVER Fortnightly edition of Radio Bulgaria's Frequency Management.  
 RNMN R. Netherlands Media Network ©.  
 RUS-DX Information bulletin of Russian DX League - Russia.  
 WB Wolfgang W. Bueschel, Stuttgart - Germany.  
 WDXC-HQ WDXC Headquarter, Michael Bethge - Germany.

## Abbreviations: (see DX MAGAZINE 12/2004)

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

email:

Internet

Fidonet (To: Juergen Kubiak)

Web Page:

j.kubiak@gmx.net or j.kubiak@web.de

2:2410/301.20

http://surf.to/Dr.Kubi (V3)

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

*Juergen*



# DX LOGBOOK

## Logs around the clock

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

### MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
567.0	0325	322	IRL	Radio Tullamore	English	ID Opera music	2012	MF
621.0	0330	222	CNR	REE	Spanish	Program for Latin America	2012	MF
900.0	1730	333	I	RAI 1	Italian	Trade News	1812	MF
918.0	1735	322	SVN	Radio Ljubljana	Slovenian	Euro News	1812	MF
963.0	1740	333	FIN	YLE	Swedish	Hit music	1812	MF
972.0	1750	333	F	R Bleue,Paris	French	Euro Magazine	1812	MF
1044.0	0345	221	E	SER,San Sebastian	Spanish	News	2411	MF
1065.0	1945	333	DNK	Dansk Radio	Dansih	Music Hits	1812	MF
1080.0	0340	333	E	OCR,R,Tajo	Spanish	Sports	2411	MF
1224.0	1805	333	BUL	Radio Bulgaria	Bulgarian	News	1812	MF
1251.0	2045	322	POR	RDP	Portugese	Folk music	0301	MF
1260.0	2040	322	E	Radio Mursie	Spanish	Disaster in Asia	0301	MF
1260.0	0335	122	E	SER,Algeciras	Spanish	News	2411	MF
1287.0	0330	322	E	SER,R.Castilia	Spanish	Economic	2411	MF
1296.0	0320	333	E	COPE,Valencia	Spanish	Phone-in	2411	MF
1305.0	1925	322	F	Radio Nantes	French	Reference to Turkey	1812	MF
1314.0	1920	333	NOR	NRK	Norwegian	Christmas program	1812	MF
1386.0	2035	222	KAL	Radio Nadezhda	Russian	Program for Jewish people	0301	MF
1413.0	2030	333	E	Radio Vigo	Spanish	ID Folk Music	0301	MF
1521.0	0355	232	E	SER,Castellon	Spanish	Jingles	2411	MF

### TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3240.0	0340	211	SWA	TWR via Mpangela Ranch	Ndau	Choral singing & closing announcement	2112	RAD
3240.6	0240	222	HND	Radio Luz y Vida	English	Religious program about Basketball	1511	RAD
3291.2	0220	322	GUY	Voice of Guyana	English	Religious program	1511	RAD
3375.1	0917	322	B	Radio Educadora de Guajara Mirim	Portugese	Morning program,Talks,ID,TC	2112	RAD
3385.0	1137	211	PNG	Radio East New Britain	Pidgin	Talks	0611	RAD
3985.0	2000	232	IRN	IRIB,Kamalabad	Russian	ID,Iranian exotic song	3112	WB
4386.5	0910	322	PRU	Radio Imperio	Spanish	ID,TC,Vocals	2012	RAD
4460.0	1120	211	CHN	CNR 1	Chinese	Talks	1511	RAD
4605.0	1148	211	INS	RRI,Serui	Indonesian	Talks local music & Jakarta News	0111	RAD
4746.8	0041	322	PRU	Radio Huanta 2000	Spanish	Talks,OA vocals	2012	RAD
4750.0	0230	211	G	Radio Peace	English	ID,Anns, Long talks	2012	RAD

4750.0	2141	322	INS	RRI,Makassar	Indonesian	Talks and Jakarta News relay	1912	RAD
4760.0	1145	211	IND	AIR,Port Blair	Hindi	Talks,vocals and flute music	2112	RAD
4760.0	2151	212	LIB	ELWA	English	Religious talks with Choir music	1511	RAD
4775.0	1149	211	IND	AIR,Imphal	Hindi	Vocal program , ID	2012	RAD
4775.0	0338	322	SWA	TWR via Mpangela Ranch	Lomwe	English ID followed by choral vocals	2112	RAD
4775.0	0118	322	PRU	Radio Tarma	Spanish	Instrumental music,Talks	2112	RAD
4790.0	1155	211	INS	RRI,Fak Fak	Indonesian	Music,ID,Jakarta News	0111	RAD
4783.0	2200	211	MLI	RDTV Malienne	French	Talks,Music,ID	1411	RAD
4800.0	2010	333	CHN	CNR,Geermu	Chinese	Song by female voice	3112	WB
4800.0	0124	211	IND	AIR,Hyderabad	Hindi	Talks,Flute music	2112	RAD
4810.0	0258	322	MEX	Radio Transcontinental	Spanish	Inspirational music & religious prog.	0211	RAD
4815.0	2322	322	B	Radio difusora Londrina	Portugese	Preachings	1912	RAD
4824.4	0950	222	PRU	La Voz de la Selva	Spanish	Music,Talk,ID,TC	2112	RAD
4830.0	1204	333	CHN	China Huayi Broadcasting Co.,	Chinese	Doris Day Christmas music	2012	RAD
4835.4	1047	211	PRU	Radio Maranon	Spanish	Talks,ID	1611	RAD
4840.0	0003	221	IND	AIR,Mumbai	Hindi	Vocals and instrumentals	2012	RAD
4845,2	0932	221	BOL	Radio Municipal	Spanish	Rustic vocals,ID	2012	RAD
4845.2	0950	433	B	Radio Cultura Ondas Tropicais	Portugese	Choral National anthem	2012	RAD
4869.2	1046	222	EOA	La Voz del Upano	Spanish	ID,Talk,Lively latin vocal	1511	RAD
4900.0	1226	211	CHN	Voice of the Strait	Chinese	Continous pop vocals	2012	RAD
4902.5	2340	222	BOL	Radio San Miguel	Spanish	Long religious talks	1912	RAD
4905.0	2236	211	CHN	Xizang PBS	Tibetan	Traditional music and talks	1511	RAD
4940.0	2038	433	STP	VOA via Pinheira	English	Program,Closing ID	1912	RAD
4965.0	0956	322	PRU	Radio Santa Monica	Spanish	Talks,Flute music,ID	2012	RAD
4976.0	2015	232	UGA	Radio Uganda, Kampala	Swahili	Talks	3112	WB
4990.0	0417	211	SUR	Radio Apintie	English	Elvis - In the Ghetto"	1511	RAD
5005.4	1137	111	NPL	Radio Nepal	Nepalese	Flute music	1611	RAD
5010.0	0030	222	IND	AIR,Thiruvananthapuram	Hindi	News in Hindi & English	2012	RAD
5010.0	0257	211	MDG	Radio Nacional Malagasy	Malagasy	National Anthem,ID	1611	RAD
5014.6	1021	211	PRU	Radio Altura	Spanish	Talks,Anns. And OA vocals		
5019.9	1021	433	PRU	Radio Horizonte	Spanish	Music program,Talk,ID,TC	2112	RAD
5025.0	2020	333	UZB	Radio Tashkent Intl.,	German	Year End program	3112	WB
5030.0	0657	332	BFA	RTV Burkina	Vernacular	Saharan music	1912	WB
5035.1	2248	322	B	Radio Aparcedia	Portugese	Talks	1411	RAD
5040.4	1108	111	BRM	Radio Myanmar	Burmese	Nice vocals and flute	1611	RAD

## SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5486.7	1010	322	PRU	Reina de la Selva	Spanish	Talks,TC,ID	2112	RAD
5865.0	0653	333	GRC	ERT ERA5 Avlis	Greek	Lyric songs	1912	WB
5939.4	2305	321	PRU	Radio Melodia	Spanish	Frequent Ids	1411	RAD
5950.0	0340	231	AUS	Radio Australia	English	News about South Africa	0612	MF
5955.0	1815	333	VTN	Voice of Vietnam	English	ASEAN News	0712	MF
5960.0	0300	211	CAN	Radio Japan NHK	Japanese	ID,Program	2312	MF
5985.0	0645	332	ALB	CRI via Cerrik relay	Arabic	Chinese music	1912	WB
5985.0	0525	322	SYR	Radio Damascus	Arabic	Program about Israel/USA	1312	MF
5990.0	0130	111		Radio Farda	Farsi	Songs about Farda,English ID	1712	MF
5990.0	0005	211	CHN	CRI	Spanish	Help for Disaster victims in Asia	0401	MF
6040.0	2350	333	UAE	FEBA	Vernacular	ID,Religious program	0301	MF
6055.0	2032	322	RRW	Radio Rwanda	French	Talks and pop vocals	1511	RAD

6055.0	1156	211	J	Radio Nikkei	Japanese	ID,Talks	1611	RAD
6065.0	0430	333	USA	WYFR	Arabic	Program	1712	MF
6065.0	0430	222	ZMB	Christian Voice	English	Jesus Hero in Zimbabwe	0712	MF
6080.0	0450	222	USA	Radio Prague via WRMI	English	ID,Czech Govt.	1312	MF
6085.0	0220	222	OMA	Radio Oman	Arabic	Religious music	1712	MF
6090.0	1900	333	OMA	BBC	Vernacular	African Talks	0912	MF
6105.0	0015	333	JOR	Radio Jordan	Arabic	Hits	1712	MF
6105.0	2230	333	QAT	Radio Doha	Arabic	News about Disaster	0301	MF
6115.0	2255	333	GAB	Radio Japan	Japanese	ID,News	0301	MF
6130.0	2015	322	UAE	Radio Abu Dhabi	Arabic	ID,News	0612	MF
6145.0	0045	333	UAE	Gospel for Asia	Vernacular	Program on Jesus	2012	MF
6150.0	1750	333	KRE	Radio Pyongyang	Korean	Program	0712	MF
6150.0	2215	433	B	Radio Record	Portugese	Phone in ,ID	1912	RAD
6155.0	0040	232	IND	AIR	Urdu	Program	2012	MF
6165.0	1825	322	IRN	IRIB	German	Anti US program	0612	MF
6165.0	2044	332	TCD	RTV Chadienne,N'djamena	French	Highlife vocals	1511	RAD
6175.0	1705	322	G	NHK,Skelton	Japanese	Disaster News	3112	WB
6175.0	0440	322	THA	Radio Thailand	Thai	News	0612	MF
6175.0	0030	322	TWN	Bible Voice	English	Christmas story	2012	MF
6180.0	0415	333	RRW	Deutsche Welle	English	News	0812	MF
6185.0	0005	322	CHN	REE	Spanish	ID,News	2012	MF
6195.0	2345	322	SNG	BBC	English	Football	1912	MF
6398.8	1034	322	KRE	Radio Pyongyang	Korean	Talks,vocals,music	2012	RAD
6520.3	1003	222	PRU	Radio Paucartambo	Spanish	Talk,Brief news,ID and TC	2012	RAD
6536.1	0153	211	PRU	Radio Huancabamba	Spanish	Talks,phone in	2112	RAD
6957.0	0135	322	PRU	La voz del Campesino	Spanish	OA vocals,ID	2012	RAD
6985.0	2052	211	COG	Radio Congo	French	ID,News,Vocals	1411	RAD
7120.0	1920	222	MDG	Radio Nederland	English	ID Opera music	0801	MF
7120.0	0645	332	ALB	CRI via Cerrick relay	Arabic	Chinese music	1912	WB
7125.0	0715	333	GUI	RTV Conakry	Vernacular	West African song	1912	WB
7135.0	0350	322	MRC	RFI	French	World News	3012	MF
7140.0	1950	231	VTN	Voice of Vietnam	German	Vietnam War	0801	MF
7160.0	2330	322	CUB	Radio Libertad	Spanish	Cuba News	0412	MF
7160.0	2155	322	GAB	Africa No. 1	French	ID,African music	0301	MF
7180.0	0400	322	F	Voice of Africa	Vernacular	ID,Program	0201	MF
7185.0	2030	444	UZB	Radio Tashkent Intl.,	English	News,Uzbek economy	3112	WB
7190.0	0140	333	THA	Radio Thailand	Thai	Program	2012	MF
7190.0	1900	322	EGY	Voice of Arabs	Arabic	Arab News	3012	MF
7195.0	0330	211	CHL	LV Christiana	Spanish	Christ is our life	0712	MF
7195.0	1900	444	G	NHK,Skelton	Japanese	Year end romantic song	3112	WB
7200.0	0750	333	RUS	Radio Rossi Yakutsk	Russian	Narration	2112	WB
7210.0	0410	222	AFS	FEBA	Vernacular	ID,Iraq	0201	MF
7225.0	0340	232	SWZ	TWR,Swaziland	English	Program on Israel	1512	MF
7240.0	0200	322	TWN	VOFC	Chinese	News about Thailand	2012	MF
7245.0	0450	222	TZK	Tadziki Radio	Tadjik	ID,Program	2312	MF
7260.0	2310	322	PHL	VOA	Vietnamese	International Press	1912	MF
7265.0	0310	322	AZE	Radio Aberbaijan	Russian	Trade with Ukraine	1512	MF
7280.0	1840	221	UZB	Radio Tashkent	English	Relations with China	1212	MF
7284.9	0810	121	MLI	RTM Bamako	Vernacular	Weak signals	2112	WB
7430.0	1929	433	GRC	Filia Radio via Voice of Greece	Greek	Music,ID,News	2012	RAD
7490.0	0640	555	UKR	Radio Ukraine Intl.,	Ukranian	Poets reading	1912	WB

9420.0	0653	333	GRC	ERT ERA5 Avlis	Greek	Lyric songs	1912	WB
9565.0	0440	333	UAE	RFI	French	Disaster victims	3012	MF
9590.0	0645	332	ALB	CRI via Cerrik relay	Arabic	Chinese music	1912	WB
9625.0	1805	555	G	NHK,Woofferton	Japanese	Year end romantic song	3112	WB
9630.0	1600	221	PHL	Radio Phillipines	Vernacular	ID,Program	0401	MF
9645.0	1502	222	CLN	VOA,Irianwila	English	News,Listener musical request program	2012	RAD
9645.0	2123	433	B	Radio Bandeirantes	Portugese	ID,Commercials	1912	RAD
9665.0	0630	444	B	Radio Nacional de Brasil	Portugese	ID,Music	1912	WB
9665.3	0820	222	KRE	KCBS,Pyongyang	Korean	Martial March Song	2112	WB
9675.0	2115	433	B	Radio Cancao nova	Portugese	Religious talks and vocals	1912	RAD
9675.0	1800	333	J	NHK,Yamata	Japanese	Year end romantic song	3112	WB
9680.0	1958	433	BUL	Christian Voice	English	ID and asking for reports	1912	RAD
9680.0	1850	432	BUL	Christian Voice	English	Songs,Daressalaam address	1912	WB
9715.0	1258	322	UZB	Radio Tashkent	Hindi	Program	2012	RAD
9750.0	1045	222	J	NHK,Yamata	Japanese	Year end Hitparade	3112	WB
9750.0	1500	555	G	NHK,Rampisham	Japanese	Year End Pop song	3112	WB
9785.0	1600	222	UAE	GFA,AI Dhabbaya	Vernacular	Programs to Indian Subcontinent.	1912	WB
9800.0	1700	232	G	LTW Rampisham	Russian	Sermon	1912	WB
9850.0	1510	555	G	NHK,Skelton	Japanese	Year End Pop singer	3112	WB
9965.0	1926	221	ARM	Voice of Armenia	English	News,Music	1511	RAD
11705.0	1330	322	CAN	NHK,Sackville	Japanese	Year end female singer	3112	WB
11715.0	1650	322	GRC	VOA via Kavala	English	ID followed by program in unidentified lang	0411	RAD
11800.0	1100	555	I	RAI,Rome Prato	Italian	RAI 1 & 2	2912	WB
11830.0	1530	333	CLN	NHK,Ekala	Japanese	Year end pop singer	3112	WB
11865.0	1700	232	J	NHK,Yamata	Japanese	Disaster news	3112	WB
11905.0	2030	444	UZB	Radio Tashkent Intl.,	English	News on Uzbek economy	3112	WB
11910.0	1220	221	CHN	REE	Spanish	Talk	0401	MF
12019.9	1234	221	VTN	Voice of Vietnam via Son Tay	English	Local & World News & ID	1511	RAD
12045.0	1520	444	J	NHK,Yamata	Japanese	Year end pop song	3112	WB
15149.9	2003	211	INS	Voice of Indonesia	English	News,Political commentary	2012	RAD
15230.0	1345	332	CAN	CRI	English	McDonald in Hongkong	0401	MF
15285.0	1730	132	AFS	Channel Africa	English	Program on Zimbabwe	0301	MF
15295.0	1159	322	MLA	Voice of Malaysia	Chinese	ID and News	1511	RAD
15345.1	2100	232	ARG	RAE	Spanish	ID,Justice matter commentary	3112	WB
15355.0	1540	222	GUF	NHK,Montsinery	Japanese	Year end lyric song	3112	WB
15400.0	1250	222	KOR	RFI	French	Rocket threats in Korea	0401	MF
15405.0	1400	322	SNG	Radio One	Malay	Program	0401	MF
15450.0	1510	333	UAE	Radio Santec	Arabic	ID,Program	0401	MF
15485.0	1430	333	SEY	BBC	English	ID,World News	0401	MF
15595.0	1445	132	MDG	UN Radio	English	Program	0401	MF
17490.0	1110	333	KAZ	CRI	English	Movie Theatres	0501	MF
17565.0	1340	222	G	NHK,Rampisham	Japanese	Year end lyric song	3112	WB
17585.0	1010	333	UAE	Radio Japan NHK	English	Hits,Mailbag	0501	MF
17875.0	1335	222	CAN	NHK,Sackville	Japanese	Year end lyric song	3112	WB

\*\*\*\*\*

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

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with SONY LP1 antenna.

RAD : Richard A. D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340 & Drake R-8B with 500/200 feet long wire, Datong FL3.  
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR7030, SONY ICF 2010/2001, Kenwood R-1000, Drake SPR-4 with 12m long wire

\*\*\*\*\*

Dear Friends,

Welcome to the first issue of the New Year 2005. The last week of 2004 saw the devastation in South Asia by an earthquake and Tsunami. It reminds us how we are helpless against nature. Also it should be an eye opener to all media bigwigs not to abandon radio which remains the only source of communication in times of distress. A battery operated radio transreceiver in one of the remote islands could save lots of lives rather than satellite TV or high speed internet access.

This Logbook includes some past loggings which could not be included in our December Logbook.

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

*Ashok Kumar Bose*

\*\*\*\*\*

### QSL CORNER

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

Country	Station	QSL	Time	ORG	Remarks	OM
Afghanistan	Salaam Watandar	f/d cd	94 ds	11.795		RAD
Clandestine	R. Free Syria via Julich	f/d cd	28 ds	13650	WRMI v/s, Jeff White.	RAD
Clandestine	V. of Ethiopian Salvation				returned in five weeks "Box Closed No Order"	RAD
Clandestine	Democratic V of Burma	f/d L	20 ds	9435	v/s, Myat Htay Kyi.	RAD
France	V. of Africa via Issoudun	f/d L	35 ds	11.635	africavoic@hotmai.com	RAD
Latvia	European Music Radio	e-mail	3 days	9.290	from Tom Taylor	RAD
Myanmar	Defense Forces Brdting Unit	e-mail	75 ds	5.770		TA
Sri Lanka	VoA via Iranawila	f/d cd	23 ds	11.705	e-mail report.	RAD
USA	Radio Taiwan Int. relay	f/d cd	2 weeks	11.815	NASB project. V/s, Jeff White.	SC
Vatican	Radio Vaticana	f/d cd	60 ds	11.740		RAD

**Thanks to our Reporters:**

- RAD = Richard A. D' Angelo, Wyomissing, PA, USA. Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.
- SC = Swopan Chakroborty, India.
- TA = Takahito Akabayashi, Tokyo, Japan. (Welcome)

Im November 2004 ist neu erschienen: "**Geheimsender**" von Rainer Pinkau und Hans Weber. Schwarzsender, Propagandasender, Untergrundsender, Clandestines und Target Radios – politische Geheimsender wird es wohl immer geben. Denn in den Kriegen unserer Zeit kämpft der Gegner nicht nur mit militärischen Waffen, sondern auch mit Mitteln, die das Volk seelisch beeinflussen und zerstören sollen. Aber bereits politische Spannungen genügen für das Entstehen solcher Radiostationen.

Ab 1933 war das Radio nicht nur ein Instrument, mit dem die nationalsozialistischen Machthaber versuchten, die Deutschen auf ihre Ideologie einzuschwören, sondern wurde im Zweiten Weltkrieg zur psychologischen Waffe auf beiden Seiten der Front. Ein neues Kapitel illegaler Rundfunkpropaganda begann, mit einer schier unüberschaubaren Zahl von Stationen, die auf „Desinformation“ und Verwirrung des Gegners zielten. Die angespannte politische Situation nach Beendigung des Krieges und die damit verbundene kontinuierliche Verhärtung der Gegensätze zwischen Ost und West führte in Europa und fast allen Krisengebieten der Erde rasch zu einer neuen Entfaltung des Propagandakrieges. Die weltweite psychologische Kriegsführung durch den Rundfunk in den Jahren 1939 bis 1945 konnte in der ideologischen Auseinandersetzung der Weltmächte ihre Fortsetzung finden. Seit Mitte der 50er Jahre wurde somit ein „illegaler“ Sendertyp gefördert, der in einigen Regionen fast zum Konkurrenten des regulären Rundfunks wurde. Wichtige Marksteine im Untergrund-Rundfunk der Nachkriegszeit setzten der Palästina-Konflikt, der Ungarn-Aufstand, die Revolution auf Kuba, der Vietnam-Krieg oder der Prager Frühling. Heute zählen wir etwa 40 Länder oder Regionen, in denen politische Untergrundsender arbeiten. Dazu gehören „klassische“ Krisengebiete wie Kaschmir oder der Nahe Osten ebenso wie der vom Bürgerkrieg zerrissene Sudan oder die kleine Inselrepublik der Malediven.

Untergrundsender arbeiten heutzutage nicht im eigentlichen Sinne „geheim“ – im Gegenteil: Dank leistungsstarker Kurzwellensender kann man viele von ihnen nicht nur in den Zielgebieten hören, sondern auch bei uns.

(168 Seiten, Format 14,8 x 21 cm, 85 Abbildungen, Best.-Nr. 413 0039, ISBN: 3-88180-639-3, Broschur, kartoniert, Preis € 16,80)



Im Dezember erschien das Sonderheft "**Amateurfunk - Software für den Funkamateure 2005**". Die 60 Seiten starke Zeitschrift beinhaltet eine CD-ROM und bietet eine handverlesene und attraktive Programmsammlung für die Betriebssysteme Windows, Windows CE und Windows Mobile 2003 mit Schwerpunkt auf die 32-Bit-Windows-PC-Versionen. Auf der prall gefüllten CD-ROM befinden sich 650 MB aktuelle Programme und Informationen übersichtlich in mehr als 40 Rubriken sortiert. Gänzlich neu ist der VTH-CD-Browser, der den direkten Zugriff auf alle Programme und Informationen ermöglicht. Man findet auf der CD-ROM viele Neuentdeckungen und Updates aus allen Bereichen des Amateurfunks. Interessant sind die speziellen Programmversionen, die extra für dieses FUNK-Sonderheft zusammen gestellt wurden.



Kaum ein Aspekt des interessanten, technisch orientierten Hobbys bleibt unberücksichtigt: Contest- und Logbuch-Programme, diverse Software zur Satellitenbahnberechnung, Programme für alle analogen und digitalen Betriebsarten wie beispielsweise PSK31, PSK63, FSK441, JT44, MT63, MFSK, Morsen, Packet Radio, RTTY, SSTV und Fax seien stellvertretend erwähnt. Große Aufmerksamkeit widmet die FUNK-Redaktion den Programmen zur Berechnung und Dimensionierung von Antennen. Neu hinzugekommen ist unter anderem die Rubrik DRM, die Programme rund um den Empfang des digitalen Radios auf der Kurzwelle bereit hält. Ein weiterer

Schwerpunkt ist die Elektronik und Software zur Signalanalyse über die Soundkarte. Zu den im Heft beschriebenen Bauanleitungen findet man Schaltbilder, Platinenlayouts und ergänzende Informationen auf der Heft-CD.

Zahlreiche Beiträge im Heft begleiten die Arbeit des Lesers mit den frisch installierten Programmen. Sie zeigen die Möglichkeiten und Grenzen der Software auf. Tipps und Tricks stehen hilfreich zur Seite.

Das Sonderheft ist im Zeitschriftenhandel oder vom Verlag für € 11,00 erhältlich.

Ebenfalls im Dezember erschien die neue Ausgabe der "**Spezial-Frequenzliste**" (Ausgabe 2005/06) von Michael Marten und Wolf Siebel. Mit über 20.000 Sendernennungen präsentiert sich die neue 13. Ausgabe umfangreicher als je zuvor. Herzstück des Buches ist die Frequenzliste der Funkdienste von 9 kHz bis 30 MHz. Aber auch eine umfangreiche, erweiterte Liste aller in Europa empfangbaren Funkbaken (NDBs) auf LW und MW ist in dem Buch zu finden. Extrakapitel über ALE-Stationen (Automatic Link Establishing), den Flugdatenfunk HF-ACARS (High Frequency Data Link - HFDL), sowie eine ausführliche Einführung über den Funkdienstempfang und eine umfangreiche Rufzeichenliste runden das Buch ab.

(480 Seiten, Format DIN A5, Best.-Nr. 413 0030, ISBN: 3-88180-641-5, kartoniert, Preis: € 18,90)



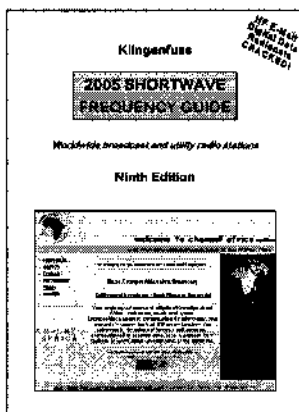
Alle obigen Neuerscheinungen sind erhältlich vom vth-Bestellservice, Verlag für Technik und Handwerk GmbH, Postfach 2274, D-76492 Baden-Baden, Tel. 07221-5087-22, Fax 07221-5087-33, eMail <service@vth.de> oder im Buch- bzw. Zeitschriftenhandel.

# New books and CDs for worldwide radio! HF E-mail radionets and digital data decoding

## 2005 SUPER FREQUENCY LIST CD-ROM

all broadcast and utility radio stations worldwide!

9,300 entries with latest schedules of all clandestine, domestic and international broadcasters on shortwave. 9,700 frequencies from our *2005 Utility Radio Guide*. 20,000 formerly active frequencies. All on one CD-ROM for PCs with Windows™. You can search for specific frequencies, countries, stations, languages, call signs, and times, and browse through all that data within milliseconds. It can't get faster and easier than this! • EUR 25 (worldwide postage included)

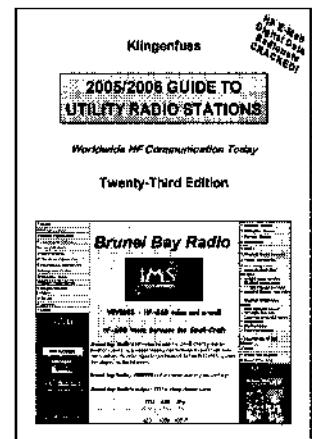


## 2005 SHORTWAVE FREQUENCY GUIDE

Simply the most up-to-date worldwide radio handbook available today. Really user-friendly and clearly arranged! Contains more than 19,000 entries with all broadcast and utility radio stations worldwide from our *2005 Super Frequency List on CD-ROM*, and a unique alphabetical list of broadcast stations. Two handbooks in one - at a sensational low price! 508 pages • EUR 35 (worldwide postage included)

## 2005/2006 GUIDE TO UTILITY RADIO STATIONS

Includes many new HF email digital data radionets that we have cracked! Here are the really fascinating radio services on SW: aero, diplo, maritime, meteo, military, police, press, telecom, and terrorists. 9,700 *up-to-date* frequencies from 0 to 30 MHz are listed, plus hundreds of new decoding screenshots, abbreviations, call signs, codes, explanations, meteo/NAVTEX/press schedules, modulation types, all Q and Z codes, and much more! 580 pages • EUR 45 (worldwide postage included)



Special package price: CD-ROM + Shortwave Frequency Guide = EUR 50. For more package deals and a full list of our products see our website and catalogue: books, CDs, professional frequency databases. WAVECOM Digital Data Decoders = the # 1 worldwide: ask for details. Cracks ALE, Pactor-2 and its variants, plus 100+ other modes! Sample pages and colour screenshots can be viewed on [www.klingenfuss.org](http://www.klingenfuss.org). Payment can be made by credit card: AmEx, Euro/Mastercard. Please ask for our free catalogue with recommendations from all over the world. We've been leading in this business for 36 years!