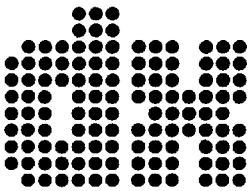


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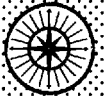
ISSN 0175-6877



magazine



WORLD WIDE DX CLUB



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



DX MAGAZINE No. 2

. Vol. XXXVIII

. February 2003

Hello again,

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

Yoshio Utsumi, Secretary-General of the International Telecommunication Union (ITU), has signed an agreement on February 12th with H.E. Mrs Naéla Gabr, Ambassador and Permanent Representative of Egypt to the United Nations and other international organizations in Geneva, to hold ITU's sixth international telecommunication exhibition and forum for the Africa region in Cairo, in the year 2004.

AFRICA 2004 will be held from Monday 3 to Friday 7 May 2004 at the Cairo International Conference Centre (CICC), with a Press & VIP day on Sunday 2 May. The venue is ideally located and offers advanced forum and exhibition facilities, which will be enhanced by plans to build a new permanent exhibition hall offering a further 8,000 m2 of net exhibition space to be ready by the end of 2003. The CICC was previously used by ITU to stage the AFRICA TELECOM 94 event, which was attended by nearly 12,000 participants and opened by His Excellency Mr Mohamed Hosni Mubarak, President of the Arab Republic of Egypt, on 25 April 1994.

The AFRICA 2004 exhibition will feature a comprehensive range of telecommunications-related products and services, while the associated forum will focus on the latest telecommunication developments and growth and will provide a platform for telecommunication leaders to share their ideas on future trends and discuss appropriate strategies for the developing as well as the industrialized world. **(ITU)**

The SETI League will hold its annual **SETICon03** Technical Symposium on Friday, 25 April 2003 and Saturday, 26 April 2003. SETICon03 will feature three full days of workshops, technical sessions, panel discussions, meetings, hospitality, and a general sharing of ideas between SETI enthusiasts from among The SETI League's membership base of 1350 individuals from over 60 countries. For the third year in a row, SETICon is being hosted by The College of New Jersey, Trenton NJ, and co-sponsored by the IEEE Student Chapter and the American Radio Relay League. Details and registration forms may be found on the Web at <<http://www.setileague.org/seticon>>.

SETI scientists seek to determine through microwave and optical measurements whether humankind is alone in the universe. Since Congress terminated NASA's SETI funding in 1993, The SETI League and other scientific groups have been attempting to privatize the research. Experimenters interested in participating in the search for intelligent alien life, or citizens wishing to help support it, should email to <join@setileague.org>, check the SETI League Web site at <<http://www.setileague.org/>>, or write to: The SETI League, Inc., 433 Liberty Street, P.O. Box 555, Little Ferry, NJ 07643, USA.

Klingenfuss Publications will publish the new 17th edition of its famous **RADIO DATA CODE MANUAL** in March 2003. The handbook will have more than 600 pages with 265 fascinating new screenshots. Price is 45 EUR including worldwide surface mail postage. If you would like to be among the first readers of the new book, you can place an advance order right now.

A new edition of the superb **ENCYCLOPEDIA OF INTELLIGENCE AND SECRET SERVICES** has been published in January 2003. It has been considerably enlarged to 770 pages (!) and is, again, the most up-to-date international handbook on the current methods, techniques, and organization of secret services all over the world. The author is a noted expert from the Swiss military. This unique book is now available from Klingenfuss Publications for 50 EUR including worldwide surface mail postage. Attention: this handbook is in French - there is NO English edition. The new edition can be ordered right now for immediate delivery.

Both books can be ordered together at a package price of 90 EUR including worldwide surface mail postage. (Klingenfuss Publications, Hagenloher Str. 14, D-72070 Tuebingen, Germany, E-Mail: <info@klingenfuss.org>)

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: The new 100 kW transmitter for **KNLS** in Alaska is expected to arrive on site in March. The on air date for programming to Asia in Chinese and to Siberia in Russian from this second transmitter is expected to be October 1. (Adrian Michael Peterson in AWR Wavescan Jan 12 via DXLD #3-010; January 17, 2003)

ARGENTINA: With RHC off 11705-USB past several months, it's nice to hear **RAE**, English hour to NAM at 0200 on 11710, weekdays, not UT Sun and Mon (Bob Thomas, 2003 Jan 23, DXDL #3-016)

AUSTRALIA: A failure of an aerial at the **RA Shepparton** transmitters will mean that RA's English Language Service and the Chinese Service carried on 9475 kHz (1100-1900 UT) and 9500 kHz (1900-2130 UT) will be operating at reduced efficiency until further notice. The aerial which beams these programs on 329 degrees has a broken element and cannot be used safely. The temporary use of a rhombic antenna, on a bearing of 353 degrees, is the only alternative to suspending the broadcasts altogether. As advised by Radio Australia. (John Figliozzi, NY, Jan24, EDXP via DXLD #3-014, January 24, 2003)

HCJB Asian service: Changing originally planned 15130/15135 to 15480 required retuning the antenna, as originally it would not go that high in the band. Further delays in January: Latest problem was an arc in the antenna which burned up an insulator; climbed tower to repair. One of the arms from the tower holding up the antenna collapsed. No one hurt. Busy reconstructing that now, causing another delay until Feb 2. Structural damage to antenna wires too. (Doug Weaver(?), HCJB frequency manager, on DX Partyline, notes by GH for DXLD #3-015, January 26, 2003)

BELARUS: The reduced schedule for the low power relays of **Belarusian Radio** in the 41 and 49mb (BR1 on 6010, 6040, 6070, 6190, 7110, 7145, BR2 on 7265) with s/on at 1600 is no longer in effect. It was introduced in early 2002. Now these transmitters are on the air daily 0400-2300 (BR1) resp. 0500-2200 (BR2). (Trutenau via DXLD #3-007, 2003 Jan 12)

5256.0 USB, Minsk Utility transmitter, 0600-0615, Jan 11, Belarusian, IDs of "Radio Stalica" (pronounced Stalitsa), U.S. pop songs, 0615 weather forecasts with low temperatures, 0618 Belarusian pop songs, not // Minsk 6115. 34444. No other known Minsk Utility frequencies were heard in the 2-6 MHz range. (Anker Petersen, Denmark, DSWCI DX Window via DXLD #3-010; January 17, 2003)

Starting 3 January, 6115 kHz has been reactivated, 75 kW, 252 deg. 7210 kHz only carries the foreign service, relaying of domestic broadcasting (BR1) is not planned at present time. 6080 kHz, 150 kW transmitter, signal beamed to Ukraine. Relay of BR1 for Western Europe, with 150 kW power goes out according the following schedule:

0500 - 0700 7170 kHz
 1000 - 1200 11960 kHz
 1400 - 1700 7105 kHz
 1700 - 1800 7255 kHz
 2000 - 2200 7105 kHz

Each oblast of Belarus has its own day of the week (Mo-Fr), when its regional broadcast is inserted into the above relay on 7105 kHz. Time is 1600-1640 (some days till 1700). Morning program from Hrodna studios is again available in SW. Low-power shortwave transmitters in Hrodna are again active according to full schedule, i.e. 0400-2300. Local programs go on the air twice a day, the remaining time is used for BR1 relay. Frequencies are 6040 and 7110. During some latest months both transmitters were on only after 1600.

(Sergei Alekseichik, Hrodna, Belarus, via DXLD #3-015, January 26, 2003)

7105 is actually planned for the Radio Belarus foreign service 2000-2200 rather than BR1. (Kai Ludwig, Germany, via DXLD #3-015, January 26, 2003)

BR-2 is now called "Kanal Kultura" and broadcast on 7265 from Hrodna (2.5 kW), Brest (probably 10 kW) and Orsha (probably 5 kW). (Sergei Alekseichik, Hrodna, Belarus`...). So there are three transmitters!. (Anker Petersen, Denmark, DSWCI DX Window, 2003 Jan 29 via DXDL #3-018)

CANADA: High Adventure Gospel Communication Ministries, **Bible Voice Broadcasting**, introduced this new schedule on Dec 6:

5880 Samara, EEU 1800-1900 Sa/Su (English, Polish, Slavic, Ru)
 5975 Julich, WEU 0800-0915 Sa/Su (English)
 7180 Al Dhabiyya, India 0030-0100 Mo-Sa (Bengali)
 7435 Krasnodar, ME 1700-2000 Su (Russian)
 7435 Krasnodar, ME 1700-1900 Sa (Russian)
 7315 Nauen, India 0030-0100 Mo-Sa (Bengali)
 7435 Krasnodar, ME 1700-1815 Mo-Fr (Russian)
 9470 Julich, ME 1900-2000 Sa (English)
 9610 Al Dhabiyya, India 0200-0230 Mo-Su (Hindi)
 12035 Al Dhabiyya, India 0030-0130 Sa/Sun (English/Hindi)
 13810 Julich, EAF 1630-1700 Mo-Sa (Amharic)
 21590 Julich, ME 0900-1000 Fr (Arabic)

Note: Krasnodar also registered as "Armavir". (EDXP via BC-DX #605, 2002 Dec 19)

COSTA RICA: **TIRWR** is on the air. Dave Gauvin, Moncton, New Brunswick, Canada reports hearing TIRWR owned by the evangelist Dr. Gene Scott (University Network) on 6150 and 9725 kHz. Dr. Scott's website identifies it only as 'Secret 12'. Dr. Gene Scott's website, <<http://www.drgenescott.com/swave.htm>> reports the following schedule:

7380 [sic - 7375] Nighttime, 11870 Daytime, Transmitter 1 To all of Costa Rica
 9725 24 hours a day Transmitter 2 South to Brazil and all South America
 13750 Daytime Transmitter 3 North to Cuba, USA and Canada
 5030 Nighttime Transmitter 4 East to The Caribbean, Europe and Africa
 6150 Nighttime Transmitter 5 To North & South America
 (Dan Sampson, Prime Time Shortwave, <<http://www.triwest.net/~dsampson/shortwave/>> via DXLD #3-010, January 17, 2003)

DENMARK: **Radio Denmark** B02 schedule, valid Dec 17, 2002 - Mar 29, 2003.

UTC	Target (primary coverage in brackets)	kHz	Tx	Beam				
1230-1255	Far East	12070	K	35	0130-0155	South East Asia	7490	K 80
	Europe, Mediterranean, Canary Islands	13800	S	180		North America (east), Carribean	7470	S 280
	South East Asia, Australia (west), Russia	15735	K	80		South Asia (India)	7490	K 95
	North America (east), Carribean	18950	S	280	0230-0255	North America (east + central), Greenland	9945	S 300
1330-1355	Europe	9590	S	180		North America (east), Carribean	7470	S 280
	South East Asia, Australia (west), Russia	15735	K	80		South Asia (India)	7490	K 95
	North America (east + central), Greenland	18950	S	300	0330-0355	North America (east + central), Greenland	9590	S 300
1430-1455	Russia, Europe (south east), Middle East (east), South Asia (India)	13800	K	95		North America (west), Greenland	7470	S 315
	North America (east + central), Greenland	17555	S	300		Middle East (east)	7490	K 110
1530-1555	Middle East (west)	15735	K	120	0430-0455	Europe (south east), Africa (east), Middle East (west)	9945	K 145
	North America (west), Greenland	17525	S	315		North America (west), Greenland	7470	S 315
1630-1655	Europe (south east), Middle East (west), Africa (east)	13800	K	145		Russia, Middle East (east)	7490	K 95
	North America (west), Greenland	18950	S	315	0530-0555	Europe (south east), Africa (east), Middle East (west)	9945	K 145
1730-1755	Europe (south east), Middle East (west), Africa (east)	13800	S	145	0630-0655	Europe (south east), Middle East (west), Africa (north east)	7465	K 140
	Russia	9980	K	95		Russia, Middle East (east)	7490	K 95
	North America (east), Carribean	18950	S	280		Europe	5945	K 165
1830-1855	New Zealand	9980	K	35		Europe, Canary Islands	7180	S 195
	Africa, Europe (south)	13800	K	165		Europe (south west), Canary Islands, Africa (west)	9590	S 220
	North America (east + central), Greenland	15705	S	300		Africa, Europe (south)	13800	K 165
1930-1955	Europe, Canary Islands	7490	S	180	0730-0755	Europe	7180	K 165
	North America (west), Greenland	13800	S	315		Europe, Canary Islands, Africa (west)	9590	K 195
2030-2055	Europe, Canary Islands	7490	S	180	0830-0855	Australia, Europe (south west), (South America)	13800	S 235
2130-2155	Europe, Canary Islands, Africa (west)	7490	K	195		Far East, New Zealand	15705	K 40
	Australia	9510	K	65	0930-0955	Australia, Europe (south west), South America	13800	S 235
2230-2255	Far East	7470	K	40		Far East, New Zealand	15705	K 40
	South America, Canary Islands	7530	S	235		Middle East (east), South Asia (India)	18950	K 95
2330-2355	North America (east), Carribean	7470	S	280	1030-1055	Europe, Mediterranean, Canary Islands	13800	S 180
	South America	7530	S	235		South America, Canary Islands, Africa (west)	21765	S 235
	South East Asia, Australia (west)	7490	K	80	1130-1155	Europe, Mediterranean, Canary Islands	13800	S 180
	Far East	9920	K	40				
0030-0055	North America (east), Carribean	7470	S	280				

Address: Radio Danmark, Radioavisen, Rosenorns Allé 22, DK-1999 Frederiksberg C, Denmark.
(Erik Køie - DR Radio via DXLD #3-001; January 2, 2003)

FINLAND: *Scandinavian Weekend Radio - SWR* is once again ready to rock whole day long with you. Keep on mind our frequencies 5980, 5990, 6170, 11690 and 11720. Programme and frequency schedule is available on web-page <<http://www.swradio.net>>. On 25 mb we will direct our aerial towards NAM from 2200 to 0600. Hopefully you are able to pick our signal there and let us know of that. Our hot-line is open for calls and SMS during transmission: +358 400 995 559. SWR will be on the air following days this year: 4th January, 1st February, 1st March, 5th April, 3rd May, 7th June, 5th July, 2nd August, 6th September, 4th October, 1st November, 6th December and 25th December. So we have transmission every first Saturday of Month and on Christmasday. New 2003 QSL-cards are now available for hunting! Send your reception reports with 2 EUR / 2 US\$ or 2 IRC's to: SWR Reports, P.O.Box 35, FIN-40321 JYVÄSKYLÄ, FINLAND. (DJ Madman, Scandinavian Weekend Radio via Alpo via DXLD #3-002; January 3, 2003)

Scandinavian Weekend Radio - SWR is Scandinavia's first private short wave station. Studios and transmitters are located in Virrat, western Finland (N 62°23' E 23°37'). Transmitter power is 50 watts (Maximum ERP power is 250 W). Antenna what SWR uses is half-wave dipole in 20 meters from ground. (JKB)

Additional transmissions for **YLE Radio Finland** effective from Jan. 13, 2003 [would be nice, if some reader of DXM has the complete schedule, Ed.]:

0630-0700 Daily 6055 POR 250 kW / 220 deg to WeEu
 0800-0900 Sat/Sun 21670 POR 500 kW / 090*deg to SoEaAs/AUS >>* ex 075 deg
 0930-1030 Daily 21800 POR 500 kW / 060 deg to NoEaAs
 1100-1200 Daily 21800 POR 500 kW / 090 deg to SoEaAs/AUS
 1900-1950 Daily 9805 POR 500 kW / 175 deg to ME/EaAf
 2000-2100 Thu 9805 POR 500 kW / 310 deg to NoAm
 2330-2345 Daily 11895 POR 500 kW / 060*deg to NoEaAs >>* ex 090 deg
 (OBSERVER #234 - Ivanov & Datzinov, via WB, 14-Jan-2003)

INDONESIA: From the middle of December till Jan 06 I was only able to hear the following stations here in the Philippines. They are heard during local daytime or from 1000 onwards:

2899.1 RPDT2 Ngada, regular, very weak.
 3266.4 RRI Gorontalo, regular.
 3325 RRI Palangkaraya, regular, late fade in.
 3344.8 RRI Ternate, regular.
 3905 RRI Merauke, sporadic, but active at present.
 3960v RRI Palu, regular.
 3976 RRI Pontianak, irregular, but active at present.
 4000.1 RRI Kendari, regular.
 4606.5 RRI Serui, regular.
 4753.3 RRI Makassar, regular.
 4925 RRI Jambi, regular.
 9524.9 Voice of Indonesia, irregular.
 9743.7 RRI Sorong, regular, but weak. Signs off at 0758*
 11784.9 Voice of Indonesia, irregular
 (Roland Schulze, Philippines, DSWCI DX Window; 2003 Jan 29 via DXLD #3-018)

IRAN: Frequency changes for **VOIROI** / **IRIB** effective from Jan. 5 [would be nice, if some reader of DXM has the complete effective schedule, Ed.]:

Bengali 0030-0127 NF 9520, ex 6085
 0030-0127 DEL 6005 to ME
 0830-0927 NF 11705 to ME <<<<< new txion

English 0030-0227 NF 6120, ex 6135
 French 2330-0027 NF 6120, ex 6135
 2330-0027 NF 9790, ex 9740
 Hebrew 0230-0257 NF 6120, ex 6135
 Malay 1730-1827 on 9805 and 11875 <<<<< cancelled
 2230-2327 on 9785 and 11750 <<<<< new txion
 Spanish 0030-0227 NF 9555, ex 9650
 Tajik 0030-0227 on 5950 <<<<< extended, ex 0100-0227
 Urdu 1330-1457 ADD 9830

(OBSERVER #234 - Ivanov & Datzinov, via WB, 14-Jan-2003)

ISRAEL: Mike Brand reports: In a typical Israeli compromise, the Israeli High Court has decided not to close down the Army's two radio stations - Galei Zahal and Galgalatz - which are involved in a royalties dispute with AKUM, the Israeli songwriters and performers guild. The conflict started four years ago, when the Defence Ministry's budget was cut in ongoing measures to save money. The High Court has today given the parties two more months to come to an agreement. The head of Army Radio, Avi Benihu, said " The High Court realised that it is impossible to silence a radio station over such an issue." At midnight on Monday, Galgalatz stopped broadcasting music. Presenters just talked, and asked listeners to call in and show support. Presenters from other Israeli radio and TV stations were amongst the callers, even though they would benefit the most by the closing of Galgalatz. (© Radio Netherlands Media Network 14 January 2003, via JKB)

LATVIA: Time changes for **World Bible Network & Laser Radio** effective from Jan.12:
 1500-1600 Sun only (ex 1700-1800) on 5935* World Bible Network in English
 1600-2100 Sun only (ex 1800-2300) on 5935* Laser Radio in English
 *strong co-ch Voice of Russia 1500-1700 in Persian and 1700-2000 in Arabic
 (OBSERVER #234 - Ivanov & Datzinov, via WB, 14-Jan-2003)

MARIANAS ISLANDS (USA): New updated B-02 schedule for **KFBS**, Saipan:

9465	1400-1530	Russian Daily	1630-1645	Udmurt Sun/Thu/Fri
	1530-1545	Udmurt Sun/Tue		Mari Mon
		Tatar Mon		Ukrainian Tue
		Mari Wed		Chuvash Wed
		Uzbek Thu		Tatar Sat
		Kyrgyz Fri	1645-1700	Udmurt Sun/Fri
		Chuvash Sat		Tatar Mon/Sat
1545-1600		Udmurt Sun		German Tue-Thu
		Tatar Mon/Tue	11580	1000-1600
		German Wed		1600-1615
		Ossetic Thu	11650	0900-1100
		Kazakh Fri/Sat		1100-1130
1600-1630		Russian Sun-Fri		1130-1400
		Ukrainian Sat	12090	2230-2330
1630-1830		Russian Daily	12120	1300-1430
1830-1845		Russian Sun/Tue/Thu/Sat	15380	0800-0830
		Ukrainian Mon/Wed/Fri		0830-0900
1845-1900		Russian Sun/Thu/Sat		0900-0930
		Ukrainian Mon-Wed		0930-1000
		German Fri		1000-1030
9855	1615-1630	Uzbek Sat/Sun		1030-1100
		Ossetic Mon		1100-1230
		Kazakh Tue/Wed		1230-1300
		Kyrgyz Thu/Fri		Bakui Daily

(OBSERVER #238 - Ivanov and Datzinov, via WB)

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. Based on this data the I

filtered all English transmissions:

Start	Stop	Day	ITU	Station	Frequency (tx)						
0000	0015		CBG	Nat. Radio of Cambodia	11940					7580 9345 11735	
0000	0015		J	NHK Radio Japan	13650 17810	0100	0200	UKR	Radio Ukraine Internat.	7375m 9610x	
0000	0030	SaSu	AUT	Radio Austria Int.	9870 13730	0100	0200	USA	Voice of America	7200/GRC 7255/MRC 9850/GRC 11705/THA 11820/CLN 15250/CLN 15300/THA 17740/PHL 17820/PHL	
0000	0030		LAO	Lao National Radio	7145					9430	
0000	0030		THA	Radio Thailand	9680					15285	
0000	0057		CAN	Radio Canada Internat.	9755/KOR 11895/CHN-x	0100	0200	USA	WSHB Christian Science	6065 9505 15060/TWN	
0000	0100		BUL	Radio Bulgaria	7400 9400	0100	0200	Mo	USA	WSHB Christian Science	5085
0000	0100		E	R. Exterior de Espana	6055	0100	0200		USA	WYFR Family Radio	11705
0000	0100		G	BBC (Americas)	1323/CYP 5975/ATG 9825s 12095/ASC	0100	0500		CUB	Radio Habana Cuba	198
0000	0100		G	BBC (East Asia)	3915#/SNG 6195/SNG 7105/SNG 11945#/J 15280/THA 15360/SNG 17615#/THA	0100	0530	Su-Fr	G	BBC (Europe)	9975
0000	0100		G	BBC (News)	1314/UAE	0100	0700		USA	WGTX	5085
0000	0100		G	BBC (South Asia)	5970/OMA 9410/CYP 11955/THA 15310/THA 17790/SNG	0100	0800		USA	KVOH Voice of Hope	9975
0000	0100		G	BBC Digital DRM Test	6010/CAN	0130	0200		AUS	Radio Australia	9500 9660d 12080d 15240 15415 17580 17750 17795 21725
0000	0100		J	NHK Radio Japan	6145/CAN	0130	0200		AUS	Voice International	17775
0000	0100		USA	Voice of America	1575/THA 7215/PHL-x 9890/PHL 11760/PHL 15185/PHL-x 15290/PHL 17740/PHL 17820/PHL	0130	0200		IRL	RTE Dublin	6155/G-r
0000	0100	Tu-Sa	USA	Voice of America	5995g 6130g 7405g 9455g 9775g 11695g 13790d	0130	0200	Tu-Sa	S	Radio Sweden	9490
0000	0100	135	USA	WSHB Christian Science	15285	0130	0200	Tu-Sa	USA	Voice of America	5995g 6130g 7405g 9455g 9775g 13740d
0000	0100	13567	USA	WSHB Christian Science	9430	0130	0227		IRN	IRIB	6120k 9580k
0000	0100		USA	WYFR Family Radio	6085 9505 11720	0140	0200		CVA	Radio Vaticana	7335 9865
0000	0130		AUS	Radio Australia	9500 9660b 12080b 15240 15415 17580 17750 17775d 17795 21725	0200	0210		BGD	Radio Bangladesh	4880
0000	0200		EQA	HCJB Quito	9745 21455	0200	0227		CZE	Radio Prague	6200 7345
0000	0200	SaSu	USA	WWBS Macon	11900	0200	0228		HNG	Radio Budapest	9835
0000	1000		USA	WEWN	5825	0200	0230		G	BBC (News)	1413/OMA
0000	1000		USA	WHRI World Harvest 1	7315	0200	0230		YUG	Radio Yugoslavia	7130
0000	1400		USA	KAIJ	5755	0200	0245		D	Deutsche Welle	1548/CLN 9765w 11965/CLN 13605/CLN 9550 9625 11740 11830 11830 11940 15370
0000	1400		USA	WWCR 2	5935	0200	0300	Tu-Sa	ARG	R Argentina al Exterior	11710
0000	1600		USA	KTBN Salt Lake City	7505	0200	0300		BRM	Radio Myanmar	576 7185
0000	2359		G	BBC (East Asia)	675/HKG	0200	0300		CAN	Radio Canada Internat.	6040 9755 11725 15150/CHN-x 17860/CHN-x
0000	2359		G	BBC (Europe)	648	0200	0300		G	BBC (Americas)	666/RUS 1260/RUS 1323/CYP 5975/ATG 9525/USA-o 9825s 12095/ASC
0000	2359		CAN	CFRX Toronto	6070	0200	0300		G	BBC (East Asia)	15280/THA 15360/SNG
0000	2359		CAN	CFVP Calgary (CKMX Px)	6030	0200	0300		G	BBC (News)	9410/CYP 11760/CYP 12035/SEY
0000	2359		CTR	Dr. Gene Scott	5030 6150 7375 9725 13750	0200	0300		G	BBC (South Asia)	11955/OMA 15310/THA 17790/SNG
0000	2359		NZL	ZLXA Reading Sce	1602 3935	0200	0300		KOR	Radio Korea Internat.	9560/CAN 11810 15575
0000	2359		USA	WBOH Newport, NC	5920	0200	0300		KRE	Voice of Korea	9325 11335
0000	2359		USA	WJIE Upton, KY	7490 13595	0200	0300		RUS	Voice of Russia	6155 7180 7250 9765/CVA 12020 13665 15445
0000	2359		USA	WTJC Newport, NC	9370	0200	0300	Mo-Sa	SNG	Gold 90.5 FM	6150
0025	0030		KGZ	Kyrgyz Radio	4010 4795	0200	0300	Su	SNG	Perfect 10 98.7 FM	6150 ("All Hits all day")
0030	0100		CLA	V.o.National Salvation	1053 3480 4400 4450 4557	0200	0300		TWN	Radio Taipei Internat.	5950/USA-o 9680/USA-o 11740 11875 15320
0030	0100		G	BBC - Learning English	9580/SNG 17615/THA	0200	0300		TWN	Radio Taipei Internat.	15465
0030	0100		LTU	Radio Vilnius	7325	0200	0300		USA	Voice of America	7200/GRC 7255/MRC 9850/GRC 11705/THA 11820/CLN 15250/CLN 15300/THA 17740/PHL 17820/PHL
0030	0100		THA	Radio Thailand	13695	0200	0300	Mo,Th	USA	WSHB Christian Science	7535
0030	0100		USA	Adventist World Radio	6035/UAE 6055/UAE	0200	0300	Mo,Su	USA	WSHB Christian Science	9430
0030	0127		IRN	IRIB	6120k 9580k	0200	0300		USA	WYFR Family Radio	6065 9505
0030	0130	SaSu	USA	Bible Voice	12035/UAE	0200	0330		EGY	Radio Cairo	9475z
0030	0130		USA	Gospel for Asia	6145/UAE 9490/D-w 11680/D-w	0200	0400		AUS	Radio Australia	9500 9660b 12080b 15240 15415 15515 17580 17750 21725
0030	0430		CLN	Sri Lanka BC	6005 6075 9730 9770 15745	0200	0400		EQA	HCJB Quito	9745 12040 21455
0035	0040		IND	AIR (Nx from Delhi)	4760 4775 4820 4920 4940 5010 5050 7170d 9675 11800	0200	0600		USA	WINB Red Lion, PA	9320
0055	0115		I	RAI International	9675 11800	0200	1400		USA	WWCR 4	7560
0100	0127		CZE	Radio Prague	6200 7345	0215	0225		NPL	Radio Nepal	5005 6100
0100	0130	Su	D	Radio Santec	9435j	0230	0300		AUT	Radio Austria Int.	7325
0100	0130	Sa	G	BBC (News)	198	0230	0300		IRQ	Radio Iraq Internat.	11787
0100	0130		SVK	Radio Slovakia Int.	5930 7230 9440	0230	0300		S	Radio Sweden	9495/CAN
0100	0130		USA	Adventist World Radio	9835/AUT	0230	0300		VTN	Voice of Vietnam	6175/CAN
0100	0130	Tu-Sa	USA	Voice of America	5995g 6130g 7405g 9455g 9775g 13790d	0230	1000		CLN	Sri Lanka BC	6130
0100	0130		UZB	Radio Tashkent	7190 9375 9530 9715	0245	0300		ALB	Radio Tirana	6115 7160
0100	0130		VTN	Voice of Vietnam	6175/CAN	0245	0300		G	BBC - Learning English	9610/SEY
0100	0130	Mo-Sa	YUG	Radio Yugoslavia	7115	0245	0300		IND	AIR (Nx from Delhi)	3390 3945 4760 4880 4910 4940 4960 4970 4990 5040 6020 6030d 7140 7150 7180 7210 7220d 7290
0100	0145		D	Deutsche Welle	1548/CLN 6040/CAN 6145w 9640/POR 9700/ATG 9765/CAN	0250	0310		CVA	Radio Vaticana	7305 9605
0100	0157		CHN	China Radio Internat.	9580/CUB 9790/CAN	0300	0305		IND	AIR (Nx from Shillong)	4970 4990 5050 7150
0100	0200		G	BBC (Americas)	666/RUS 1260/RUS 1323/CYP 5975/ATG 9525/USA-o 9825s 12095/ASC	0300	0320		KGZ	Kyrgyz Radio	4010 4795
0100	0200		G	BBC (East Asia)	6195/SNG 15280/THA 15360/SNG	0300	0330	13567	AFS	Channel Africa	9525
0100	0200		G	BBC (South Asia)	9410/CYP 11955/OMA 15310/THA 17790/SNG	0300	0330		BLR	Radio Minsk	5970 7210
0100	0200		INS	Voice of Indonesia	9525 / 11785	0300	0330		CVA	Radio Vaticana	9660
0100	0200		J	NHK Radio Japan	11860/SNG 11880/CLN 15325 17560 17810 17835 17845 17865	0300	0330		G	BBC (Middle East/CIS)	639/CYP
0100	0200		KRE	Voice of Korea	3560 6195 6520 7140	0300	0330	Sa	G	Wales Radio Internat.	9735r
						0300	0330		THA	Radio Thailand	15460

0300	0345	D	Deutsche Welle	6020/CAN 6045w 9640/POR 9700/ATG 11985/ATN	0400 1700	USA Dr.Gene Scott	17765/RUS-s	
0300	0357	CHN	China Radio Internat.	9690/E	0430 0457	CZE Radio Prague	9865 11600	
0300	0400	BUL	Radio Bulgaria	7400 9400	0430 0500	USA Adventist World Radio	12080/AFS 15160/UAE	
0300	0400	G	BBC (Americas)	666!/RUS 1260!/RUS 5975/ATG 9525/USA-o	0430 0530	HOL Radio Netherlands	6165/ATN 9590/ATN	
0300	0400	G	BBC (East Asia)	15280/THA 15360/THA 17760/THA 21660/THA	0430 1000	NIG FRCN Lagos	3326 4990	
0300	0400	G	BBC (East/So. Africa)	3255/AFS 6005/ASC 6190/AFS 9770/CYP 12035/SEY 15420\$/SEY	0445 0500	I RAI International	5965 6100 7235	
0300	0400	G	BBC (Middle East/CIS)	1323/CYP 1413/OMA 11760/CYP 15575/OMA	0445 0500	USA WYFR Family Radio	9715 11530	
0300	0400	G	BBC (News)	6195r 9410s 9410/CYP	0455 0800	NIG Voice of Nigeria	7255 15120	
0300	0400	G	BBC (South Asia)	12095/CYP 15310/OMA 17790/THA	0500 0510	ZMB Zambia Nat.BC Radio 2	4910 6265	
0300	0400	G	BBC (West Africa)	7160/ASC 11765/AFS	0500 0515	ISR Kol Israel	6280 9435 11605 17600	
0300	0400	J	NHK Radio Japan	17825 21610	0500 0530	AFS Channel Africa	11710	
0300	0400	KRE	Voice of Korea	6195 7140 9345	0500 0530	CVA Radio Vaticana	9660 11625 15570	
0300	0400	RUS	Voice of Russia	6155 7180 7250 7335 12020 13665 15445	0500 0530	F Radio France Internat.	13610 15155/GAB	
0300	0400	SNG	Gold 90.5 FM	6150	0500 0530	Tu-Su MEX XERM X R Mexico Int.	9705 11770	
0300	0400	TWN	Radio Taipei Internat.	5950/USA-o 9680/USA-o 15320	0500 0530	USA Adventist World Radio	5960/AFS 6015/AFS	
0300	0400	USA	Voice of America	909/BOT 1530/STP 4960/STP 6035/BOT 6080/STP 7265/ASC 7290/STP 7340#/BOT 7415/BOT 9575g 9885/BOT	0500 0545	D Deutsche Welle	5960w 6120/POR 9670/ATG 11795/ATN	
0300	0400	USA	WYFR Family Radio	5985 6065 9505 11855	0500 0600	AUS Radio Australia	9500 9660b 12080b 15240 15415 15515 17580 17750\$ 21725	
0300	0600	ZMB	Christian Voice	6065	0500 0600	BHU Bhutan BS	6035	
0300	0825	MLA	Voice of Malaysia	6175 9750 15295	0500 0600	G BBC (Americas)	6135/USA-d	
0300	1600	USA	WRNO New Orleans	7395	0500 0600	G BBC (East Asia)	11955/THA 15280#/THA 15360/SNG 17760/SNG 21660/SNG	
0325	0730	MLA	RTM Sabah	5979	0500 0600	G BBC (East/So. Africa)	6190/AFS 11940/AFS 15420/SEY 17640/CYP 17885/SEY	
0330		CTR	Faro del Caribe	5055 9645	0500 0600	G BBC (Europe)	612+/UKR 6195r 6195s 9410s 9410w 9410/CYP	
0330	0350	UAE	UAE Radio Dubai	12005 15400 17890	0500 0600	G BBC (Middle East/CIS)	666+/RUS 1260+/RUS 1323/CYP 11760/OMA 15565/CYP 15575/CYP	
0330	0358	HNG	Radio Budapest	9835	0500 0600	G BBC (South Asia)	15310/OMA 17790/THA	
0330	0400	ALB	Radio Tirana	6115 7160	0500 0600	G BBC (West Africa)	6005/ASC 7160/ASC 11765/AFS	
0330	0400	S	Radio Sweden	9495/CAN	0500 0600	J NHK Radio Japan	5975/G-s 6110/CAN 7230/G-w 9835 11715 11760 15195 17810 21755	
0330	0400	VTN	Voice of Vietnam	6175/CAN	0500 0600	RUS	Voice of Russia 603/D 1548/MDA 7125 7180 7330 12010 12020 13665 15445 15595 17595	
0335	0340	IND	AIR (Nx from Delhi)	5040 7210	0500 0600	USA	Voice of America 792#/GRC 909/BOT 6035g 6080/STP 6105/STP 7295/MRC 7170/G-w 9700/GRC 11825/G-w 11835/BOT 13710/BOT 15205/GRC	
0345	0400	457	SEY FEBA Radio	11885	0500 0600	USA	WSHB Christian Science 12020	
0345	0400	TJK	Radio Tajikistan	1161 7245	0500 0600	USA	WYFR Family Radio 5810	
0400	0410	BOT	Radio Botswana	3356 4820 7255	0500 0700	CUB	Radio Habana Cuba 9830	
0400	0427	CZE	Radio Prague	7345 7385/USA 9435	0500 2300	NIG	FRCN Ibadan 6050	
0400	0430	AFS	Channel Africa	5955	0506 0705	NZL	Radio New Zealand Int. 15340	
0400	0430	BEL	Radio Vlaanderen Int.	11985/ATN	0515 0525	RWA	Radio Rwanda 6055	
0400	0430	F	Radio France Internat.	11910/GAB 11995	0530 0545	G	BBC - Learning English 6010s 9865r	
0400	0430	Tu-Su	MEX XERM X R Mexico Int.	9705 11770	0530 0600	THA	Radio Thailand 13780	
0400	0430	USA	Adventist World Radio	9650/AFS	0530 0600	UAE	UAE Radio Dubai 12005 13675 15400 15435 17830 17890 21700	
0400	0445	D	Deutsche Welle	6180/RWA 7195/RWA 9565/RWA 9710w	0530 0600	USA	Adventist World Radio 15345/AFS	
0400	0445	USA	WYFR Family Radio	6065 9505 9985 9715 11530	0600 0615	USA	Trans World Radio 11640/AFS	
0400	0450	TUR	Voice of Turkey	6020 7240	0600 0620	CVA	Radio Vaticana 1530 4005 5890 7250	
0400	0456	ROU	Radio Romania Intern.	9550 11830 15335 17735	0600 0630	AFS	Channel Africa 15215	
0400	0457	CHN	China Radio Internat.	9560/CAN 9730/GUF 9500 9660b 12080b 15240 15415 15515 17580 17750\$ 21725	0600 0630	F	Radio France Internat. 11710/GAB 15155 17800	
0400	0500	AUS	Radio Australia	9500 9660b 12080b 15240 15415 15515 17580 17750\$ 21725	0600 0630	USA	Adventist World Radio 15345/AFS	
0400	0500	G	BBC (Americas)	5975/ATG 6135/USA-d	0600 0630	USA	Voice of America 1530/STP 6035g 6080/STP 6105/STP 7295/MRC 11835/BOT 11995/GRC 13710/BOT	
0400	0500	G	BBC (East Asia)	15280/THA 15360/THA 17760/THA 21660/THA	0600 0645	D	Deutsche Welle 7225/POR 9565w 11785w	
0400	0500	G	BBC (East/So. Africa)	3255/AFS 6190/AFS 12035/CYP 15420/SEY	0600 0656	ROU	Radio Romania Intern. 9530 11830	
0400	0500	G	BBC (Europe)	612+\$/UKR	0600 0700	AUS	Radio Australia 9500 9660b 12080b 15240 15415 15515 17580 17750 21725	
0400	0500	G	BBC (Middle East/CIS)	666+/RUS 1260(Su)/RUS 1323/CYP 11760/CYP 15575/OMA	0600 0700	G	BBC (East Asia)	11955/THA 15360/SNG 17760/SNG 21660/SNG
0400	0500	G	BBC (News)	6195r 6195s 9410/CYP 9410w	0600 0700	G	BBC (East/So. Africa)	6190/AFS 11940/AFS 17640/CYP 17885+/SEY
0400	0500	G	BBC (South Asia)	12095/CYP 15310/OMA 17790/THA	0600 0700	G	BBC (Europe)	612/UKR 6195r 9410s 12095/CYP
0400	0500	G	BBC (West Africa)	6005/ASC 7160/ASC 11765/AFS	0600 0700	G	BBC (Middle East/CIS)	666/RUS 1260/RUS 1323/CYP 15565/CYP 15575/CYP
0400	0500	G	BBC Digital DRM Test	6010/CAN	0600 0700	G	BBC (South Asia)	15310/THA 17790/THA
0400	0500	Mo-Fr	NMB Namibian BC 1	3290	0600 0700	G	BBC (West Africa)	6005/ASC 7160/ASC 11765/AFS
0400	0500	RUS	Voice of Russia	603/D 1170/BLR 1548/MDA 7125 7180 7330 12010 12020 13665 15445 15595 17595	0600 0700	J	NHK Radio Japan	7230/G-w 9835 11740/SNG 15195 17870 21755
0400	0500	UKR	Radio Ukraine Internat.	7375m 7420x	0600 0700	RUS	Voice of Russia 603/D 1323/D 1548/MDA 11770 12010 15275 15470 17655 17665 21485 21790 792/GRC 1197#/D 5995/MRC 7170/G-w 11825/G-w 11930/GRC 15205/GRC	
0400	0500	USA	Voice of America	909/BOT 1530#/STP 4960/STP 6080/STP 7170/G-w 7290/STP 7415/BOT 9575g 9775/BOT 9885#/BOT 15205/GRC	0600 0700	USA	WSHB Christian Science 7535	
0400	0500	1246	USA WSHB Christian Science	12020	0600 0700	USA	WYFR Family Radio 7355 11530	
0400	0600	EQA	HCJB Quito	9745 21455				
0400	0600	Mo-Sa	SNG News Radio 93.8 FM	6150				
0400	0600	Su	SNG Symphony FM 92.4	6150 (*Popular Classics*)				
0400	0900	Su-Fr	USA WMLK Bethel, PA	9465				
0400	1000	HWA	KWHR World Harvest 3	17780				

0600	0800		SNG Gold 90.5 FM	6150	0815	0825	NPL Radio Nepal	5005	6100
0600	1100		USA WBCQ	7415	0830	0900	GEO Radio Georgia	11910	
0600	1900		D Deutsche Welle	6140j	0830	0900	SUI Swiss Radio Internat.	21770	
0630	0645	SaSu	G BBC - Learning English	5875s 9875/CYP	0830	0900	USA Adventist World Radio	9660/AUT	17820/AUT
0630	0700		CVA Radio Vaticana	11625 13765 15570	0830	2130	AUS Australian Broadc.Co.	2310 2325 2485	
0630	0700		GEO Radio Georgia	11805	0900	0930	USA Adventist World Radio	17670/AUT	
0630	0700	SaSu	USA Voice of America	1530/STP 6035g 6080/STP 6105/STP 7295/MRC 11835/BOT 11995/GRC 13710/BOT	0900	0945	D Deutsche Welle	6160/ATG 9510/ATG 9770/RUS-i 11965/RWA 15410/RWA 17820/CLN 17845/CLN 17860/MDG 21560w	
0630	0930	Mo-Fr	SRL Radio UNAMSIL	6140	0900	0957	CHN China Radio Internat.	11730j 15210j	
0632	0700		AUT Radio Austria Int.	6155 13730 17870	0900	1000	G BBC (Americas)	15190/ASC	
0637	0654		ROU Radio Romania Intern.	756 9510 9570 9625 11790 11940	0900	1000	G BBC (East Asia)	6195/SNG 6195/THA 9605/J 9740/SNG 15360/THA 17760/THA 21660/SNG	
0700	0720	Mo-Sa	CHN PBS Xizang Holy Tibet	1377 4905x 4920x 5240x 6110x 6130x 6200x 9490x 9580x	0900	1000	G BBC (East/So. Africa)	6190/AFS 11940/AFS 17885/SEY 21470/SEY	
0700	0730		SVK Radio Slovakia Int.	13715 15460 17550	0900	1000	G BBC (Europe)	12095w 15485	
0700	0745	Mo-Fr	USA Voice of Hope	5975/D-j	0900	1000	G BBC (Middle East/CIS)	666*/RUS 1260*/RUS 1323/CYP 11760/OMA 15565r 15575/CYP 17640w 17640s	
0700	0745		USA WYFR Family Radio	7355 9985 11580	0900	1000	G BBC (South Asia)	15310/THA 17790/OMA	
0700	0756		ROU Radio Romania Intern.	17720 21480	0900	1000	G BBC (West Africa)	15400/ASC 17830/ASC	
0700	0800		AUS Radio Australia	9500 9660b 12080b 15240 15415 17580 17750 21725	0900	1000	Su MLT Voice of Mediterranean	9630/I	
0700	0800		F Radio France Internat.	15605/GAB	0900	1000	RUS Voice of Russia	603/D 1251 1323/D 11770 11820 15275 15470 17495 17525 17665 21810 6150 ("CarTunes")	
0700	0800		G BBC (East Asia)	11955/THA 15360/SNG 17760/SNG 21660/SNG	0900	1000	Mo-Sa SNG Class 95 FM	7535	
0700	0800		G BBC (East/So. Africa)	6190/AFS 11940/AFS 17885+/SEY	0900	1000	Tu,Th USA WSHB Christian Science	9500 9580 11880 17750 21820	
0700	0800		G BBC (Europe)	612/UKR 6195r 9410s 12095w 15485s	0900	1100	AUS Radio Australia	17640s	
0700	0800		G BBC (Middle East/CIS)	666*/RUS 1260*/RUS 1323/CYP 11760/OMA 15565r 15575!/CYP 17640s	0900	1100	EQA HCJB Quito	11755 21455	
0700	0800		G BBC (South Asia)	15310/THA 17790/OMA	0900	1200	NIG Voice of Nigeria	7255 15120	
0700	0800		G BBC (West Africa)	11765/ASC 15400/ASC	0900	1300	AUS Voice International	13685	
0700	0800	Mo-Fr	NMB Namibian BC 1	6175	0905	1000	Su AUT Radio Austria Int.	6155 13730	
0700	0800		RUS Voice of Russia	603/D 1323/D 11770 11820 12010 15275 15470 17655 17665 21485 21790	0910	0930	Su ARM Voice of Armenia	4810 15270	
0700	0800		TWN Radio Taipei Internat.	5950/USA-o	0915	1040	Mo-Fr GHA GBC	6130 7295	
0700	0800	Tu,Th	USA WSHB Christian Science	7535	0930	0945	GRC Voice of Greece	792 9420 15630	
0700	0830		BRM Radio Myanmar	576 9730	0930	1000	45/7 CHN Voice of Strait	666 1269 6115 / 11590	
0700	0900		EQA HCJB Quito	5965 11755 21455	0930	1000	GEO Radio Georgia	11910	
0700	1045		HWA KWHR World Harvest 4	11565	0930	1000	LTU Radio Vilnius	9710	
0700	1200		AUS HCJB Australia	11770	0930	1125	HOL Radio Netherlands	7260/RUS-p 9790/ATN 12065/RUS-i	
0700	1400		USA Voice of America	1197/D	0930	1200	D DW Digital DRM Test	15440/POR	
0705	0720		G BBC - Learning English	6005/ASC	0930	0505	CAN CKZN St John's	6160	
0706	1105		NZL Radio New Zealand Int.	11675	1000	1030	CZE Radio Prague	21745	
0715	0900	Mo-Fr	USA Trans World Radio	15215/GUM	1000	1030	IRL RTE Dublin	15280/SNG	
0730	0745	Mo-Sa	CVA Radio Vaticana	585 1530 4005 5890 6185 7250 9645 11740 15595	1000	1030	MNG Voice of Mongolia	12085	
0730	0800		BUL Radio Bulgaria	12000 13600	1000	1030	VTN Voice of Vietnam	1242 9840 12020	
0730	0800		SUI Swiss Radio Internat.	9885/D-j 13790/D-j 17665	1000	1057	CHN China Radio Internat.	11730j 15210j	
0745	0800		USA WYFR Family Radio	9985 11580	1000	1100	AFS Radio Veritas S.Africa	7240	
0745	0850	Sa	USA Trans World Radio	9870/MCO 12070/ALB	1000	1100	12456 CVA Radio Vaticana	585 5890	
0745	0920	Su	USA Trans World Radio	9870/MCO 12070/ALB	1000	1100	G BBC (Americas)	6195/ATG 15190+/ASC 6195/SNG 6195/THA 9605#/J 9740/SNG 15360#/THA 17760/THA 21660#/SNG	
0745	0930	Mo-Fr	USA Trans World Radio	15330/GUM	1000	1100	G BBC (East Asia)	6190/AFS 11940/AFS 17885/SEY 21470/SEY	
0755	0920	Mo-Fr	USA Trans World Radio	9870/MCO 12070/ALB	1000	1100	G BBC (Europe)	12095w 15485s	
0800	0825		BEL Radio Vlaanderen Int.	1512 5985/D-j	1000	1100	G BBC (Middle East/CIS)	666/RUS 1260/RUS 1323/CYP 11760/OMA 15565r 15575/CYP 17640w 17640s	
0800	0827		CZE Radio Prague	11600 15255	1000	1100	1000 1030		
0800	0845		USA WYFR Family Radio	11580	1000	1100	G BBC (South Asia)	15310/THA 17790/OMA	
0800	0900	Su	AFS So.African Radio League	9750 21560	1000	1100	SaSu G BBC (West Africa)	15400/ASC 17830/ASC	
0800	0900		ALS KNLS Anchor Point	11765	1000	1100	IND All India Radio	1053 13710 15020 15235 15260 17510 17800 17895	
0800	0900		AUS Radio Australia	5995b 9500 9580 11880 12080b 9710 15240 15415 17750 21725	1000	1100	J NHK Radio Japan	9695 15590 21755	
0800	0900	Mo-Fr	BHU Bhutan BS	6035	1000	1100	KRE Voice of Korea	3560 9335 9850 11710 11735	
0800	0900		G BBC (East Asia)	11955/THA 15360/SNG 17760/SNG 21660/SNG	1000	1100	Mo-Sa SNG News Radio 93.8 FM	6150	
0800	0900		G BBC (East/So. Africa)	6190/AFS 11940/AFS 17885/SEY 21470/SEY	1000	1100	Su SNG Passion 99.5 FM	6150	
0800	0900		G BBC (Europe)	9410s 12095w 15485s	1000	1100	USA Voice of America	5745g 5985d 7370g 9590g 11720/PHL 15250/MRA 15425/PHL-x	
0800	0900		G BBC (Middle East/CIS)	666/RUS 1260/RUS 1323/CYP 11760/OMA 15565r 15575+/CYP 17640w 17640s	1000	1100	134 USA WSHB Christian Science	6095	
0800	0900		G BBC (South Asia)	15310/THA 21830r	1000	1100	Su USA WSHB Christian Science	9455	
0800	0900		G BBC (West Africa)	15400/ASC 17830/ASC	1000	1100	Th-Tu USA WSHB Christian Science	11780/TWN	
0800	0900		INS Voice of Indonesia	9525	1000	1100	USA WWCR 1	9475	
0800	0900		KOR Radio Korea Internat.	9570 13670	1000	1100	USA WYFR Family Radio	5950	
0800	0900		RUS Voice of Russia	603/D 1251 1323/D 11770 11820 12010 15275 15470 17495 17525 17655 17665 21810	1000	1130	SaSu BHU Bhutan BS	6035	
0800	0900	Mo-Sa	SNG Class 95 FM	6150 ("Music Marathon")	1000	1200	Mo-Fr G BBC Digital DRM Test	9780r	
0800	0900	Sa	USA Fundamental BC Network	9710/LTU	1000	1300	USA WEWN	5825 15745	
0800	0900	SaSu	USA WSHB Christian Science	7535 9845	1000	1300	USA WHRI World Harvest 1	9495	
0800	0900	Mo-Th	USA WSHB Christian Science	9845	1000	1600	USA WHRI World Harvest 2	9840	
0800	0915	SaSu	USA Bible Voice	5975/D-j	1000	1630	HWA KWHR World Harvest 3	9930	
0800	0930	SaSu	USA Trans World Radio	15330/GUM	1030	1050	UAE UAE Radio Dubai	12005 13675 15370 15395 15400 17865 17890 21597	
0800	1000	Su	SNG Gold 90.5 FM	6150	1030	1100	Mo-Fr ETH Radio Ethiopia	5990 7110 9704.2	
0800	1000		USA Voice of America	11995/MRA 13605/MRA 15150/MRA	1030	1100	G BBC - Learning English	9605/J 11945/THA	

1030	1127	IRN	IRIB	15285/THA 21660/SNG 15375 15385 15480 21470s 21730s	1200	1300	134	USA	WSHB Christian Science	15250/MRA 15425/PHL-x 6095
1030	1130	CLN	Sri Lanka BC	11835 15120 17850	1200	1300	Sa	USA	WSHB Christian Science	9455
1045	1400	SaSu	HWA KWHR World Harvest 4	11565	1200	1300		USA	WSHB Christian Science	9880/RUS-ka
1100	1130	AUS	Radio Australia	5995b 6020 9475 9500 9580 11650 11880 12080b 21820	1215	1330		EGY	Radio Cairo	17775
1100	1130	Mo-Sa	CHN PBS Xizang Holy Tibet	4905x 4920x 5240x 6110x 6130x 6200x 7385x 9490x	1230	1235		IND	AIR (Nx from Delhi)	3390 4760 4800 4820 4850 4860d 4895 4920 5040 5050 6020
1100	1130	Mo-Fr	G BBC (Caribbean)	6195/ATG 15190/ATG	1230	1245		G	BBC - Learning English	15105w 17780/ASC 21640/ASC
1100	1130	SaSu	USA Voice of America	1575/THA	1230	1255		BEL	Radio Vlaanderen Int.	1512
1100	1130		VTN Voice of Vietnam	7285	1230	1300		AUT	Radio Austria Int.	6155 13730
1100	1145	D	Deutsche Welle	15410/RWA 17800/RWA 21530/RWA 21780w 25700n	1230	1300		BGD	Radio Bangladesh	7185 9550
1100	1200	G	BBC (Americas)	6195!//ATG 15190!//ATG 15190+//ASC 17790#//ASC	1230	1300		BUL	Radio Bulgaria	12000 15700
1100	1200	G	BBC (East Asia)	6195/SNG 9740/SNG 17760/THA	1230	1300		CZE	Radio Prague	1071 1233 1287
1100	1200	G	BBC (East/So. Africa)	6190/AFS 11940/AFS 17885/SEY 21470/SEY	1230	1300		S	Radio Sweden	17505 18960
1100	1200	G	BBC (Europe)	12095w 15485s	1230	1300		THA	Radio Thailand	9810
1100	1200	G	BBC (Middle East/CIS)	666\$/RUS 1260\$/RUS 1323/CYP 11760/OMA 15565r 15575/CYP 17640s 17640w	1230	1300		VTN	Voice of Vietnam	9840 12020
1100	1200	G	BBC (South Asia)	15310/THA 17790/OMA	1230	1530		CLN	Sri Lanka BC	6005 6075 9735 9770 15745
1100	1200	G	BBC (West Africa)	15400#//ASC 17830/ASC	1245	1300	Th-Sa	SEY	FEBA Radio	15535
1100	1200	J	NHK Radio Japan	6120/CAN 9695 15590	1245	1300		USA	WYFR Family Radio	11830 11970 13695
1100	1200	TWN	Radio Taipei Internat.	7445	1300	1330		AUS	Radio Australia	5995b 6020 11650 11880 21820
1100	1200	TWN	Radio Taipei Internat.	11985	1300	1345		USA	WYFR Family Radio	11560/TWN 11740 11830 11970 17510 17575
1100	1200	USA	Voice of America	5985d 6110/PHL 9645/THA 9760/PHL 11705/PHL 11720/PHL 15250/MRA 15425/PHL-x	1300	1357		CHN	China Radio Internat.	1120/USA 1341 7405j 9570/CUB 11760k 11900j 11980k 13650/CAN 15180x
1100	1200	2567	USA WSHB Christian Science	6095	1300	1400		ALS	KNLS Anchor Point	11765
1100	1200	USA	WYFR Family Radio	5950 11725 11830	1300	1400		G	BBC (Americas)	6195/ATG 15190/ATG
1100	1230	PHL	FEBC Radio	1188/KOR	1300	1400		G	BBC (East Asia)	6195/SNG 9740/SNG 17760/THA
1100	1300	USA	WINB Red Lion	9320	1300	1400		G	BBC (East/So. Africa)	6190/AFS 11940/AFS 15420/SEY 17885/SEY 21470/ASC
1100	1400	SNG	Radio Singapore Int.	6150 9590/9600	1300	1400		G	BBC (Europe)	12095w 15485s
1100	1430	EQA	HCJB Quito	12005 15115 21455	1300	1400		G	BBC (Middle East/CIS)	666*/RUS 1260*/RUS 1323/CYP 11760/OMA 15565r 15575/CYP 17640s 17640w
1100	1700	SaSu	GNE Radio East Africa	15185	1300	1400		G	BBC (News)	1314/UAE
1100	1730	CLN	Sri Lanka BC	4940	1300	1400		G	BBC (South Asia)	1413/OMA 15310/THA 17790/OMA
1100	2100	USA	WWCR 1	15825	1300	1400		G	BBC (West Africa)	17830/ASC
1106	1305	NZL	Radio New Zealand Int.	15175	1300	1400		KOR	Radio Korea Internat.	9570 13670
1115	1127	ZMB	Zambia Nat. BC Radio 2	4910 6265	1300	1400		KRE	Voice of Korea	4405 7505 9335 11335 11710
1115	1130	G	BBC - Learning English	666/RUS 1260/RUS 11680/CYP 13745r 15325/CYP 17625/D-L	1300	1400		POL	Radio Polonia	6095 9525
1115	1130	ISR	Kol Israel	15640 17545	1300	1400		USA	Voice of America	6110/PHL 9645/THA 9760/PHL 11705/PHL 15425/PHL-x
1130	1155	BEL	Radio Vlaanderen Int.	7390/RUS-p	1300	1400	Sa-Th	USA	WSHB Christian Science	9430
1130	1157	CZE	Radio Prague	11640 21745	1300	1400	Tu,Fr	USA	WSHB Christian Science	9455
1130	1200	AUS	Radio Australia	5995b 6020 9475 11650 11880 12080b 21820	1300	1400		USA	WSHB Christian Science	7460/RUS-i
1130	1200	Fr	CVA Radio Vaticana	15595 17515	1300	1430		CLA	VoJammu-Kashmir Freedom	5101.1
1130	1200	Sa	G Wales Radio Internat.	17625r	1300	1455	SaSu	AFS	Channel Africa	11710 17725 21760
1130	1230	KOR	Radio Korea Internat.	9650/CAN	1300	1500		USA	Brother Stair	13810/D-j
1130	1325	HOL	Radio Netherlands	5965/CAN 6045/D-j 9860/D-w	1300	1500		USA	KVOH Voice of Hope	9975
1140	1145	LBY	Voice of Africa	21675/F 21695/F	1300	1600	Mo-Fr	CAN	Radio Canada Internat.	9515 13655 17710
1145	1155	RWA	Radio Rwanda	6055	1300	1600		USA	WEWN	9955 15745
1200	1215	CBG	Nat. Radio of Cambodia	11940	1300	1600		USA	WHRA World Harvest 5	17560
1200	1215	G	BBC - Learning English	7135/SNG 11835/THA	1300	1700		AUS	Voice International	13690
1200	1230	F	Radio France Internat.	15540/GAB 25820	1300	1800		USA	WHRI World Harvest 1	15105
1200	1230	Mo-Fr	G BBC (Caribbean)	6195/ATG 15190/ATG	1300	2100		USA	WBCQ	7415 17495
1200	1230	UZB	Radio Tashkent	5975 7285 9715 15295 17775	1300	2200		USA	WWCR 3	12160
1200	1245	USA	WYFR Family Radio	5950 11830 11970 13695	1300	2300		USA	WINB Red Lion, PA	13570
1200	1257	CHN	China Radio Internat.	1188 1341 9730B 9760j 11760k 11980k 15415k	1300	2300		USA	WWRB Manchester TN	9320 12172
1200	1300	AUS	Radio Australia	5995b 6020 9475 11650 11880 21820	1306	1650	occ.	NZL	Radio New Zealand Int.	6095
1200	1300	BGD	Radio Bangladesh	7185 9550	1330	1345		G	BBC - Learning English	15105/ASC 21640/ASC
1200	1300	CAN	Radio Canada Internat.	9660/J 11730/J	1330	1350		UAE	UAE Radio Dubai	12005 13630 13675 15395 15400 17865 17890 21597
1200	1300	G	BBC (Americas)	6195!//ATG 15190!//ATG	1330	1400		AUS	Radio Australia	5995b 6020 9475 11650 11660 21820
1200	1300	G	BBC (East Asia)	6195/SNG 9740/SNG 17760/THA	1330	1400		AUT	Radio Austria Int.	17855
1200	1300	G	BBC (East/So. Africa)	6190/AFS 11940/AFS 17885/SEY 21470/SEY	1330	1400		LAO	Lao National Radio	7145
1200	1300	G	BBC (Europe)	12095w 15485s	1330	1400		S	Radio Sweden	9430 17505 18960
1200	1300	G	BBC (Middle East/CIS)	666/RUS 1260/RUS 1323/CYP 11760/OMA 15565r 15575/CYP 17640s 17640w	1330	1400		USA	Adventist World Radio	15385/UAE
1200	1300	G	BBC (South Asia)	15310/THA 17790/OMA	1330	1400		UZB	Radio Tashkent	5975 7285 9715 15295 17775
1200	1300	G	BBC (West Africa)	17830/ASC	1330	1400	Mo-Fr	VTN	Voice of Vietnam	7145 9730
1200	1300	TWN	Radio Taipei Internat.	7130 9610	1330	1420		YUG	Radio Yugoslavia	11835
1200	1300	UKR	Radio Ukraine Internat.	17760x	1330	1430		TUR	Voice of Turkey	17690 17815
1200	1300	USA	Brother Stair	5975/D-j	1330	1430		USA	Voice of Hope	15775/D-j
1200	1300	Su	USA Fundamental BC Network	9710/LTU	1330	1500		IND	All India Radio	9690 11620 13710
1200	1300	USA	Voice of America	1143#/PHL 6110/PHL 9645/THA 9760/PHL 11705/PHL 11715/PHL	1345	1400		USA	WYFR Family Radio	11560/TWN 11740 11830 17510 17575
					1400	1415	Mo-We	G	BBC - Learning English	11860/SEY 15420/SEY 21490/CYP
					1400	1430		CZE	Radio Prague	15725/USA 21745
					1400	1430		THA	Radio Thailand	9530
					1400	1430		VTN	Voice of Vietnam	1242

1400	1450	Mo-Fr	G	BBC Digital DRM Test	5875r					15395/MRA	15460/THA
1400	1456		ROU	Radio Romania Intern.	15365 17790					5935/LVA	
1400	1457		CHN	China Radio Internat.	7405j 9700k 11675k 13650/CAN 11765 13685/MLI 15110u 15125/MLI 17720/CUB					6280/TWN	11830
1400	1500		F	Radio France Internat.	7175/CHN-x 9580/CHN-x 17620					15520/UAE	17760
1400	1500		G	BBC (Americas)	15190/ATG					17775	
1400	1500		G	BBC (East Asia)	6195/SNG 7160/THA 9740/SNG					4965	
1400	1500		G	BBC (East/So. Africa)	6190/AFS 11940/AFS 21470/ASC 21660/CYP					11600	
1400	1500		G	BBC (Europe)	612/UKR 12095w 15485s					4880	15520
1400	1500		G	BBC (Middle East/CIS)	666+/RUS 1260+/RUS 1323/CYP 15565r 15575/CYP 17640s 17640w					11685/SNG	15545/SNG
1400	1500		G	BBC (South Asia)	15310/THA 17790/OMA					1134	3223 3315 3390
1400	1500		G	BBC (West Africa)	17830/ASC					3945g	4760 4775 4800
1400	1500		J	NHK Radio Japan	7200 9505 9845 17755/GAB					4820	4850 4880 4895 4910
1400	1500	Mo-Th	SNG	Perfect 10 98.7 FM	6150 ("Say it with music")					4920	4950 4960 4970 4990
1400	1500		TWN	Radio Taipei Internat.	15265					5040	5050
1400	1500		USA	Voice of America	1197/D 6110/PHL 7125/THA 9645/PHL 9760/PHL 11705/PHL 15205/GRC 15425/PHL-x					9865/USB	13765 15235
1400	1500		USA	WYFR Family Radio	11560/TWN 11740 11830 17510 17575 17760					9865/USB	13765 15235
1400	1600	Su	SNG	News Radio 93.8 FM	6150					792	15650
1400	1600	Fr	SNG	Perfect 10 98.7 FM	6150 ("Say it with music")					4790	
1400	1600	Sa	SNG	Perfect 10 98.7 FM	6150 ("Party Hits all day")					11600	
1400	1600	Mo-Fr	USA	WRMI Miami	15725					15425/D-w	
1400	1700		AUS	Radio Australia	5995 6080 9475 11650 11660					9860/D-j	15775/D-j
1400	1700	SaSu	CAN	Radio Canada Internat.	9515 13655 17710					7195	9610 11835
1400	1730		JOR	Radio Jordan	11690					15775/D-j	
1400	2200		USA	WWCR 4	9475					4790	11570 15070 15530
1400	0000		USA	KAIJ	13815					17725	
1400	0000		USA	WWCR 2	13845					6025	11680
1400	0905		CAN	CKZU Vancouver	6160					9525	
1415	1425		NPL	Radio Nepal	5005 6100					9705	11770
1430	1435		IND	All India Radio	4840 5040 6085 9425 9470 9575 9835					12005	13630 13675 15395
1430	1500		AUT	Radio Austria Int.	6155 13730					15400	17865 17890 21597
1430	1500		IND	AIR Gangtok	3390					9890/UAE	
1430	1500		S	Radio Sweden	17505 18960					9785/UAE	15425/D-w
1430	1600		BRM	Radio Myanmar	576 4725 5986					9860/D-j	
1430	1625		HOL	Radio Netherlands	12070/USB 12080/MDG 15220/CAN 15595/MDG					7145	9730
1445	1500	Mo-Sa	G	BBC - Learning English	1413/OMA 7205/THA 15245/OMA 15330/GUM					1548/CLN	6170/CLN
1445	1545		USA	Trans World Radio	15330/GUM					7225/CLN	9735/RWA 11695w
1500	1515	We-Fr	SEY	FEBA Radio	15445					15455/RWA	21840w
1500	1530		AFS	Channel Africa	17725					6280/TWN	11830 15520/UAE
1500	1530		MEX	XERMX R Mexico Int.	9705 11770					17760	17790 18980 21455
1500	1530		MNG	Voice of Mongolia	12015					7190	9565j 9870b 13650
1500	1530		VTN	Voice of Vietnam	1242					11715	15160
1500	1557		CAN	Radio Canada Internat.	15360/CHN-x 17820/CHN-x 7160u 7405j 9785j					7165	9560
1500	1557		CHN	China Radio Internat.	13685/MLI 15125/MLI 17720/CUB					11615	11995/GAB
1500	1600		G	BBC (Americas)	15190/ATG					12015/GAB	15605 17850
1500	1600		G	BBC (East Asia)	6195/SNG 7160/THA 9740/SNG					15190/ATG	
1500	1600		G	BBC (East/So. Africa)	6190/AFS 11860#/SEY 11940/AFS 15420#/SEY 21470/ASC 21490#/AFS 21660/CYP					3915/SNG	6195/SNG
1500	1600		G	BBC (Europe)	612\$/UKR 9410r 12095w 15485s					7160/SNG	
1500	1600		G	BBC (Middle East/CIS)	666+/RUS 1260+/RUS 1323/CYP 15565r					6190/AFS	11860+*/SEY
1500	1600		G	BBC (South Asia)	5975/SNG 15310/THA 17790/OMA					11940/AFS	15420#/SEY
1500	1600		G	BBC (West Africa)	15400/ASC 17830/ASC					21470/ASC	21490+*/AFS
1500	1600		J	NHK Radio Japan	7200 9750 9845					21660/CYP	
1500	1600		KRE	Voice of Korea	4405 7505 9335 11335 11710					9410/CYP	12095w
1500	1600	Mo-Fr	NMB	Namibian BC 1	6175					1323/CYP	15565r
1500	1600	Mo-Fr	NMB	Namibian BC 2	6060					5975/SNG	15310/THA
1500	1600		RUS	Voice of Russia	603/D 1143 1215 1323/D 1386 6205 7315 7350 9875 11500					17790/OMA	
1500	1600	Mo-Th	SNG	Perfect 10 98.7 FM	6150 ("The Late Night Show")					15400/ASC	17830/ASC
1500	1600		USA	Brother Stair	6110/D-j 13810/D-j 1143/PHL 1197/D 1575/THA 6110/PHL 7125/THA 9575/GRC 9645/CLN 9760/PHL 9795/PHL 11995/PHL 15205/GRC					7200 9750 9845	
1500	1600		USA	Voice of America						4405 7505 9335 11335 11710	
1500	1600	Su	USA	World Bible Radio Nw.						15090/ASC 21660/CYP 612/UKR 12095w 15485s	
1500	1600		USA	WYFR Family Radio						1530 1545	
1500	0100		USA	KVOH Voice of Hope						1515 1545 We	
1500	0300		ZMB	Christian Voice						1515 1600 1245	
1515	1545	We	SEY	FEBA Radio						1530 1545	
1515	1600	1245	SEY	FEBA Radio						1530 1545	
1530	1545		BGD	Radio Bangladesh						1530 1545	
1530	1545		G	BBC - Learning English						IND AIR (Nx from Delhi)	
1530	1545		IND	AIR (Nx from Delhi)						11685/SNG	15545/SNG
1530	1550	Su-Fr	CVA	Radio Vaticana						1134	3223 3315 3390
1530	1600	Su	CVA	Radio Vaticana						3945g	4760 4775 4800
1530	1600		GRC	Voice of Greece						4820	4850 4880 4895 4910
1530	1600	Sa	PAK	Radio Pakistan						4920	4950 4960 4970 4990
1530	1600	SaSu	SEY	FEBA Radio						5040	5050
1530	1600		USA	Gospel for Asia						9865/USB	13765 15235
1530	1600		USA	Voice of Hope						9865/USB	13765 15235
1530	1627		IRN	IRIB						792	15650
1530	1730		USA	Voice of Hope						4790	
1600	1615		PAK	Radio Pakistan						11600	
1600	1628	Su	HNG	Radio Budapest						15425/D-w	
1600	1630		AFS	Channel Africa						9860/D-j	15775/D-j
1600	1630		MEX	XERMX R Mexico Int.						7195	9610 11835
1600	1630		USA	UAE Radio Dubai						15775/D-j	
1600	1630		USA	Adventist World Radio						4790	11570 15070 15530
1600	1630	Mo-Fr	USA	Gospel for Asia						17725	
1600	1630		USA	Voice of Hope						6025	11680
1600	1630		VTN	Voice of Vietnam						9525	
1600	1645		D	Deutsche Welle						9705	11770
1600	1645		USA	WYFR Family Radio						12005	13630 13675 15395
1600	1657		CHN	China Radio Internat.						15400	17865 17890 21597
1600	1700		ALG	RTA Radio Algiers						9890/UAE	
1600	1700		ETH	Radio Ethiopia						9785/UAE	15425/D-w
1600	1700		F	Radio France Internat.						9860/D-j	
1600	1700		G	BBC (Americas)						7145	9730
1600	1700		G	BBC (East Asia)						1548/CLN	6170/CLN
1600	1700		G	BBC (East/So. Africa)						7225/CLN	9735/RWA 11695w
1600	1700		G	BBC (Europe)						15455/RWA	21840w
1600	1700		G	BBC (Middle East/CIS)						6280/TWN	11830 15520/UAE
1600	1700		G	BBC (South Asia)						17760	17790 18980 21455
1600	1700		G	BBC (West Africa)						7190	9565j 9870b 13650
1600	1700		KOR	Radio Korea Internat.						11715	15160
1600	1700		KRE	Voice of Korea						7165	9560
1600	1700		RUS	Voice of Russia						11615	11995/GAB
1600	1700		USA	Voice of America						12015/GAB	15605 17850
1600	1700	Su	USA	Voice of Hope						15190/ATG	
1600	1700	Sa	USA	WYFR Family Radio						3915/SNG	6195/SNG
1600	1700	Sa	TWN	Radio Taipei Internat.						7160/SNG	
1600	1800	Sa	USA	Brother Stair						6190/AFS	11860+*/SEY
1600	1900		AFS	Radio Veritas S.Africa						11940/AFS	15420#/SEY
1600	2000		USA	WHRI World Harvest 2						21470/ASC	21490+*/AFS
1600	2100	Su	G	Laser Radio						21660/CYP	
1600	2300		NIG	FRCN Lagos						9410/CYP	12095w
1600	2300		USA	WHRA World Harvest 5						1323/CYP	15565r
1600	2300		USA	WRNO New Orleans						15310/THA	17790/OMA
1615	1630	SaSu	G	BBC (East/So. Africa)						15400/ASC	17830/ASC
1630	1700		AUT	Radio Austria Int.						5975	9515 9870
1630	1700	Mo-Sa	CHN	PBS Xizang Holy Tibet						3560	9975 11735
1630	1700		GEO	Radio Georgia						972	1251 1494 4940/TJK
1630	1700		USA	Adventist World Radio						4965/TJK	4975/TJK 6005
1630	1700		VTN	Voice of Vietnam						7260	7305 9590 9830
1630	1830		EGY	Radio Cairo						909/BOT	1143/PHL 1197\$/D
1645	1700		TJK	Radio Tajikistan						1530/STP	6035/STP

1645	1700		USA WYFR Family Radio	6280/TWN 11830 15520/UAE 17760 18980 21455	1800 1900 SaSu	RUS Voice of Russia	1494 5950 6175
1650	1750	Su-Th	NZL Radio New Zealand Int.	11980	1800 1900	SDN Radio Omdurman	7200
1700	1727		CZE Radio Prague	5930 17485	1800 1900	TWN Radio Taipei Internat.	3955/G-s
1700	1730		AFS Channel Africa	17870	1800 1900	USA Adventist World Radio	11985/AFS
1700	1730		F Radio France Internat.	11615 15605	1800 1900	USA Voice of America	909/BOT 1197\$/D 6035/STP 6040/MRC 9760/GRC 9885/GRC 11975/STP 13710/THA 15240/MRC 15580g 17895/BOT
1700	1730	We	MDA Radio Pridnestrovye	5960	1800 1900 Su	USA WSHB Christian Science	15665 18910
1700	1756		ROU Radio Romania Intern.	7155 9625 9690 11940	1800 1900 We	USA WSHB Christian Science	18910
1700	1757		CHN China Radio Internat.	7150 9570x 9670k 9695u 11910 11920x 15265j 11880	1800 1900	USA WYFR Family Radio	18980
1700	1800		AUS Radio Australia	5995 6080 9475 9815	1800 1900	YEM Rep.of Yemen Radio	9779
1700	1800	G	BBC (East Asia)	3915/SNG 7160/SNG	1800 2200	USA KIMF	11885
1700	1800	G	BBC (East/So. Africa)	3255/AFS 6005\$/SEY 6190/AFS 9630\$/SEY 15420/AFS 21470/ASC	1800 0000	USA WHRI World Harvest 1	9495
1700	1800	G	BBC (Europe)	6195r 9410/CYP	1815 1900	BGD Radio Bangladesh	7185 9550 15520
1700	1800	G	BBC (Middle East/CIS)	1323/CYP 12095w 15565r	1830 1835	IND AIR (Nx from Delhi)	3365
1700	1800	G	BBC (South Asia)	5975/THA 9510/SNG 15310/THA	1830 1845 Mo,We	G BBC - Learning English	6050/CYP 7105r 9685s
1700	1800	G	BBC (West Africa)	15400/ASC 17830/ASC	1830 1855	BEL Radio Vlaanderen Int.	1512 7465/RUS-a 13650/D-j 13685/G-s
1700	1800	J	NHK Radio Japan	9505 11970 15355/GAB	1830 1900	BUL Radio Bulgaria	5800 7500
1700	1800		RUS Voice of Russia	648 1269 1494 9470 9590 9830	1830 1900	CZE Radio Prague	1071 1233 1287
1700	1800		USA Voice of America	909/BOT 6040/MRC 6110/PHL 7125/THA 9645/CLN 9760/GRC 13710/THA 15205/GRC 15240/MRC 15395/MRA 15445/BOT 17895/MRC	1830 1900	GEO Radio Georgia	11910
1700	1800	Mo-Fr	USA Voice of America	1143/PHL 1575/THA 5990/THA 6045/PHL 9525/PHL-x 9795/PHL 11955/PHL 12005/PHL 15255/PHL	1830 1900	IRL RTE Dublin	13640/CAN 21630/ASC
1700	1800	246	USA WSHB Christian Science	18910	1830 1900 Mo-Sa	S Radio Sweden	1179 6065
1700	1800		USA WYFR Family Radio	18980 21455 21680/ASC	1830 1900 Su	S Radio Sweden	5840
1700	1815	We,Th	USA Bible Voice	7435/RUS-a	1830 2025	HOL Radio Netherlands	6020/MDG 9895 11655/MDG 13700 17605/ATN
1700	1845	Sa	USA Bible Voice	7435/RUS-a	1835 1850 SaSu	CGO RTV Congolaise	4765 / 5985
1700	1900		AUS Voice International	11685 13685	1845 1900 Su	MLI RTV du Mali	4783 4835 5995
1700	1900		USA UMC Radio Africa Int.	11735/D-j 13820/D-j	1845 1900 Sa	USA Bible Voice	5880/RUS-s
1700	2000	Su	USA Bible Voice	7435/RUS-a	1855 2050 SaSu	NZL Radio New Zealand Int.	15265
1700	2000		USA WEWN	13615	1900 1930	D Deutsche Welle	3995w
1700	2200	Su-Fr	USA WMLK Bethel, PA	9465	1900 1930 Su	D Radio Santec	9470j
1700	2215		SRL Sierra Leone BS	3316	1900 1930 Fr	LTU Radio Vilnius	666
1705	1800	Sa	AUT Radio Austria Int.	1476	1900 1930	USA Bible Voice	9470/D-w
1715	1730		CVA Radio Vaticana	585 1530 4005 5890 7250 9645 15595	1900 1930	VTN Voice of Vietnam	7145 9730
1730	1745	G	BBC - Learning English	3390/AFS 7230/AFS 9525/AFS	1900 1945	D Deutsche Welle	11765w 13780w 15275/RWA 17560/RWA 17810/CLN 21780/CLN
1730	1745	ISR	Kol Israel	11605 17545	1900 1945 Mo-Fr	USA Voice of Hope	5910/D-j
1730	1745	Mo-Fr	UN United Nations Radio	7170/AFS 15495/G-s 17580/ASC	1900 1945	USA WYFR Family Radio	15115 18980
1730	1800		CVA Radio Vaticana	13765 15570 17515	1900 1957	CHN China Radio Internat.	9440b 9585 11750k 13790k
1730	1800	G	BBC - Learning English	612/UKR 5875/CYP 7295/D-L 9530s	1900 2000	AUS Radio Australia	6080 7240 9500 9815 11880 12080b
1730	1800	Mo-Sa	MLT Voice of Mediterranean	9850/I	1900 2000 Sa	CLN Sri Lanka Broadc.Co.	6010/G-s
1730	1800		SUI Swiss Radio Internat.	9755/D-j 13790/D-j 15555	1900 2000	G BBC (East/So. Africa)	3255/AFS 6005/SEY 6190/AFS 9630/SEY 12095/ASC
1730	1800		SVK Radio Slovakia Int.	5915 6055 7345	1900 2000	G BBC (Europe)	6195r 9410/CYP
1730	1815	Fr	USA Bible Voice	7435/RUS-a	1900 2000	G BBC (Middle East/CIS)	1323/CYP 1413/OMA 15310/THA
1730	1830		HOL Radio Netherlands	6020/MDG 11655/MDG	1900 2000	G BBC (West Africa)	15400/ASC 17830/ASC
1730	1930		PHL Radio Filipinas	11730 11890 15190	1900 2000	KOR Radio Korea Internat.	5975 7275
1745	1815		BGD R Bangladesh - VoIslam	7185 9550 15520	1900 2000	KRE Voice of Korea	4405 7505 11335
1745	1945		IND All India Radio	7410 9445 9950 11620 11925 13605 13620 15075 17670	1900 2000	RUS Voice of Russia	5950 6175 6235 7290 7335 7340 7360 7440 9875 11510
1751	2050	Mo-Fr	NZL Radio New Zealand Int.	15265	1900 2000	THA Radio Thailand	9535
1800	1810		BOT Radio Botswana	3356 4820	1900 2000 Sa	USA Bible Voice	9470/D-w
1800	1810		ZMB Zambia Nat.BC Radio 2	6165 6265	1900 2000	USA KJES	15385
1800	1815	Mo,Tu	USA Bible Voice	7435/RUS-a	1900 2000	USA Voice of America	909/BOT 1197#/D 4950/STP 6035/STP 7415/BOT 9525/PHL 9690/GRC 9760/GRC 9785/GRC 11870/PHL 11975/STP 12015/THA 13710/THA 13640/MRC 15180/PHL-x 15240/MRC 15580g 17895/BOT
1800	1827		CZE Radio Prague	5930 7315	1900 2000 Mo-Fr	USA Voice of America	5965/D-b 9840/THA 11720/THA 11970/PHL 13725/CLN 15205/D-L 15410/PHL
1800	1830		AFS Channel Africa	17870	1900 2000	USA WSHB Christian Science	18910
1800	1830		D Deutsche Welle	3995w	1900 2000 247	USA WSHB Christian Science	15665
1800	1830	Su	D Radio Santec	11840/D-j	1900 2100	AUS Voice International	11685 13770
1800	1830	Mo-Sa	G BBC (Middle East/CIS)	1413/OMA	1900 2100	NIG Voice of Nigeria	7255 11770 15120
1800	1830	Su	G BBC (News)	1413/OMA	1900 2100	USA WYFR	3230/AFS
1800	1830		IRL RTE Dublin	9895r	1900 0400	NMB Namibian BC 1	3290
1800	1830		USA Adventist World Radio	5960/AFS 6095/AFS	1900 0400 SaSu	NMB Namibian BC 2	6060
1800	1830	Su	USA Bible Voice	5880/RUS-s	1900 0500 Mo-Fr	NMB Namibian BC 2	6060
1800	1830		VTN Voice of Vietnam	5955/AUT 7145 9730	1915 1925	RWA Radio Rwanda	6055
1800	1900	Mo	AFS So.African Radio League	3215	1915 1930	G BBC - Learning English	15105/ASC 17885/ASC
1800	1900	Mo-Fr	ARG R Argentina al Exterior	9690 15345	1915 2000	CLA Radio Salama	13855/D-j
1800	1900		AUS Radio Australia	6080 7240 9475 9815 11880	1915 2000	IRQ Radio Iraq Internat.	11787
1800	1900	G	BBC (East/So. Africa)	3255/AFS 6005\$/SEY 6190/AFS 9630\$/SEY 15420/AFS 21470/ASC	1920 1930	SOM Radio Hargeysa	7530
1800	1900	G	BBC (Europe)	6195r 9410/CYP	1930 1945 Fr	CGO RTV Congolaise	4765 / 5985
1800	1900	G	BBC (Middle East/CIS)	1323/CYP 15310/THA	1930 2000	AUT Radio Austria Int.	5945 6155
1800	1900	G	BBC (South Asia)	5975#/THA 9510#/THA	1930 2000	G BBC - Learning English	1296
1800	1900	G	BBC (West Africa)	15400/ASC 17830/ASC	1930 2000	GEO Radio Georgia	11760
1800	1900		POL Radio Polonia	5995 7285	1930 2000	GRC Voice of Greece	7475
1800	1900		RUS Voice of Russia	1251 7290 7335 7340 9590 9830 11510	1930 2000	SUI Swiss Radio Internat.	9755/D-j 13660/GUF 15485/D-j 17660/GUF

2300 2350	TUR Voice of Turkey	6020 9655	2305 0000 Su	AUT Radio Austria Int.	5945 6155
2300 2356	ROU Radio Romania Internat.	7195 9510 9570 11940	2315 0230	CLN Sri Lanka BC	4940
2300 2357	CHN China Radio Internat.	558#/G 5990/CUB 13680/CAN	2330 2357	CZE Radio Prague	7345 9435
2300 0000	G BBC (Americas)	1323/CYP 5975/ATG 12905/ASC	2330 0000	AUS Radio Australia	9500 9660b 11695 12080b 13620d 15230 15415 17715 17795 21740
2300 0000	G BBC (East Asia)	3915/SNG 5965/THA 6035\$/KOR 6195/SNG 7105/SNG 11685/SNG 11945/J 11955/THA 15280/THA	2330 0000	LTU Radio Vilnius	9875
2300 0000	G BBC (Europe)	6195r	2330 0000	SUI Swiss Radio Internat.	9885 11660/GUF
2300 0000	G BBC (News)	1314/UAE	2330 0000	USA Voice of America	6180/THA 7130/THA 7205/THA 7215/PHL-x 9620/THA 9770/THA 9780/PHL 9890/PHL 11735/THA 11760/PHL 11805/PHL 13640/MRA 15135/PHL 15185/PHL-x 15205/PHL-x 15290/PHL 15305/CLN 17735/PHL 17820/PHL
2300 0000 Su	USA WSHB Christian Science	7510	2330 0000	VTN Voice of Vietnam	9840 12020
2300 0030	EGY Radio Cairo	9900	2330 0100	CAN Radio Canada Internat.	5960 9590
2300 0200	SNG News Radio 93.8	6150	2330 0125	HOL Radio Netherlands	6165/ATN 9845/ATN
2300 0200	USA WINB Red Lion, PA	12160	2345 0000	USA WYFR Family Radio	5985 11855 15170 15400
2300 0300	USA WRNO New Orleans	7355			
2300 0600	USA WBCQ	7415 9335			
2300 0600	USA WWRB Manchester TN	5050 5085 6890 12172			
2300 1000	USA WHRA World Harvest 5	7580			
2300 1000	USA WWCR 1	3210			

Days: 1=MONDAY ... 5=FRIDAY ... 7=SUNDAY ; alt = alternative.

(Eike Bierwirth's shortwave broadcasting-schedule list - last update: February 4, 2003, filtered for English transmissions by JKB)

Sony has finally discontinued production of the ICF-2010, probably the most successful shortwave portable receiver ever made. It first saw the light of day in 1985, and was so popular that two previous attempts discontinue the product were abandoned due to consumer demand. Now, with less than 6 months to go until the start of regular digital shortwave broadcasts, Sony has finally decided to stop the production line. Once remaining stocks are cleared from dealers' shelves, there will be no more. Those wishing to get their hands on a classic shortwave receiver need to act fast, or wait until used examples start appearing at inflated prices on the Internet auction sites. (© Radio Netherlands Media Network 16 January 2003, via JKB)

NORWAY: Due to lack of electricity in Norway (!) the Kvitsøy and Sveiø transmitters will be on half power, approx. 200 kW, from January 15 to March 15. (Erik Koie, 2003 Jan 12, via DXLD #3-007)

Some deleted frequencies for **Radio Norway / Radio Denmark:**

1300-1330 RN 13800 KVI 200 kW / 035 deg
 1330-1355 RD 13800 KVI 200 kW / 035 deg
 1630-1655 RD 13800 KVI 200 kW / 145 deg >>>> Sun only
 1700-1730 RN 7490 KVI 200 kW / 095 deg >>>> Sun only
 1730-1755 RD 7490 KVI 200 kW / 095 deg
 1730-1755 RD 9980 SVE 200 kW / 180 deg
 1830-1855 RD 7490 SVE 200 kW / 180 deg
 (OBSERVER #234 - Ivanov & Datzinov, via WB, 14-Jan-2003)

POLAND: Since 1998, **Radio Maryja** has put 33 new transmitters on the air. Six years ago, according to the World Radio-TV Handbook, Radio Maryja had 143 transmitters. Of that number, fully 43 were still operating in the old OIRT Communist-bloc FM band, 66-73 MHz. Two years ago, that 43 had been reduced to 2. Today, both are gone. All have been replaced by 88-108 MHz band transmitters. Further, new 88-108 MHz transmitters have been set up in areas previously unserved. True, there are fewer transmitters now than six years ago, but the recent ones have generally been more powerful than the older ones they replaced, including many in the OIRT band. Of the 126 transmitters currently on the air, 12 have changed frequencies and 23 have increased their power, some considerably. You can find Radio Maryja at Internet <<http://www.radiomaryja.pl>>. Shortwave: The station is also heard on shortwave on leased German transmitters, on frequencies that change according to season. Currently, they are 12060 kHz from 7am-9:15 am Mondays through Saturdays, and 7400 kHz from 5pm-midnight 7 days a week, and on Sundays from 8 a.m. to 10 a.m. These frequencies are subject to change seasonally. (Michael Dorner, editor of Catholic Radio Update via DXLD #3-015, January 26, 2003)

Broadcasting schedule external service of **Radio Polonia** from January 01 to March 30 2003.
Home page internet: <<http://www.radio.com.pl/polonia>>

POLISH	BELARUSSIAN
0305-0355 225	1430-1529 7180 5995
1130-1159 7285 5965	1730-1759 5995
1630-1729 6020	ESPERANTO
2200-2259 7265 6050	1600-1625 7270 7285
RUSSIAN	1900-1925 7285
1200-1229 9540 6095	ENGLISH
1400-1429 9540 6095	1300-1359 9525 6095
1530-1555 7180	1800-1859 7285 5995
1900-1929 6035	GERMAN
2000-2025 6095 7180	1230-1259 9525 6095
UKRAINIAN	1630-1655 7270 corr. by Volker Willschrey
1530-1559 6000	2030-2055 7165 6135
1930-1959 7180 6035	
(Website via JKB, Jan 2003)	

RUSSIA: Foreign relay via short wave transmitters of the countries of CIS, 10/27/2002
- 03/29/2003:

kHz UTC kW Radiostation

Armenia

5855 1655-1840 100 TWR
6240 1200-1215 100 TWR
7475 1400-1500 100 RFA
7550 2300-2400 500 RFA
7560 0100-0300 500 RFA
9365* 1100-1400 500 RFA
9920* 1400-1600 500 RFA
11520** 1400-1600 500 RFA
11590** 1100-1400 500 RFA
11790 1400-1500 100 VOA
17540 0600-0700 500 RFA

Moldova

7460 0230-0315 500 RPD
7480 1800-1845 500 RPD
11530 1300-1700 500 MSP

Kazakhstan

5905 1430-1530 200 DVB
7530 2230-2330 200 RFA
7550 1300-1400 200 RFA
9355 1630-1700 Tue, Fri 200 VOO
9490 2330-2430 200 RFA
11510 1230-1330 200 RFA
11535 1400-1500 200 RFA
11570 0030-0130 200 RFA
13830 0000-0100 200 RFA
15680 1100-1200 200 RFA
19m*** 1215-1300 100 VOT

Tajikistan

4760 0100-0200 100 RFE
4760 1630-1700 100 RFE
4995 1500-1700 100 RFE
5035 0200-0300 100 RFE
6035 1600-1630 100 RFI
6150 1900-2000 100 RFE
6160 0200-0300 100 RFE

7415 2300-2400 200 RFA
7455 1800-2100 500 RFA
7470* 0100-0300 200 RFA
7485 0100-0200 200 RFA
7495 1500-1600 200 RFA
7515 2330-0030 200 RFA
7515 1600-1700 200 RFA
7530 1600-1700 200 RFA
7540 2300-2400 500 RFA
7540 1500-2200 500 RFA
9355 1300-1400 200 RFA
9365 0100-0200 200 RFA
9365 1400-1500 200 RFA
11535 0030-0130 200 RFA
11540 1100-1400 200 RFA
15660** 0100-0300 200 RFA
17495 0300-0700 500 RFA
17515 0600-0700 200 RFA
17525 0300-0700 500 RFA
19m*** 1215-1300 100 VOT

Uzbekistan

6210 1710-1740 100 VAT
7375 0200-0230 200 BBC
7430 1330-1445 200 BBC
7430 1500-1530 200 BBC
9445 2315-0200 200 TWR
9445 1130-1630 200 TWR
9865 1430-1600 100 VAT
11850 0100-0300 100 VIN
12070 0100-0200 Fri 200 HLR
12070 1330-1625 100 RNW
15675 0500-1300 200 MSP
17690 1200-1230 100 RVI
21780 0800-0830 200 BBC
25m*** 1430-1515 100 VOT
13m*** 1215-1300 100 VOT

* Till 01/03/2003

** Since 02/03/2003

*** Various frequencies in the specified metre band

BBC = British Broadcasting Corporation	RPD = Radio Payam-e Doost
DVB = Democratic Voice of Burma	RVI = Radio Vlaanderen Internationaal
HLR = Hmong Lao Radio	TWR = Trans World Radio
MSP = Voice of Mesopotamia	VAT = Radio Vaticana
RFA = Radio Free Asia	VIN = Voice International
RFE = Radio Free Europe / Radio Liberty	VOA = Voice of America
RFI = Radio France Internationale	V00 = Voice of Orthodoxy
RNW = Radio Nederland Wereldomroep	VOT = Voice of Tibet

(Nikolay Rudnev in RUS-DX #114B via Klepov; January 12, 2003)

SAUDI ARABIA: *Broadcasting Service of the Kingdom of Saudi Arabia - BSKSA* complete schedule for B02 season. Address of Technical/Frequency management: PO Box 61718, Riyadh. Fax: +966-1-404-1692.

MAIN PX in Arabic

0600-0900 17760 21505 21705

0900-1200 21505 21705

1200-1500 17585 21505 21705

1700-1800 15315 15435

1800-2300 9555 9870

SECOND PX in Arabic (irr. on air)

0300-0600 9578.9

0600-1700 11854.9

1700-2200 9578.9

CALL OF ISLAM in Arabic

1500-1700 15315 15435

HOLY KORAN in Arabic

0300-0600 11820 15170 15435 21495

0600-0800 15380 17620 17895

0800-0900 15380 17620

0900-1200 11935 17615 21495

1200-1300 15380 17760 17895 21600

1300-1400 15380 17745 17760 17895 21600

1400-1500 17745 17760 17895

1500-1600 11785 13710 17745 17760

1600-1800 11785 13710 15205 17560

1800-2100 11820 11915 11950 15230

2100-2300 11820 11915 15230

FOREIGN SERVICES

Bambara 1700-1800 17775 Persian 1400-1600 11745

Bengali 1600-1700 15345 Somali 0400-0500 17760

French 0800-1000 21600 Swahili 0500-0600 17760

1400-1600 21600 Turkish 0400-0600 15275

Indonesian 1000-1200 21670 Turkmen 1400-1600 9730

Pashto 1600-1700 9810 Urdu 1200-1400 15345

(OBSERVER via BC-DX #605, 2002 Dec 18)

If you look for English language information and opinions direct from Saudi Arabia, take a look to the Saudi Press Agency - SPA in the Internet:

<http://www.spa.gov.sa/html/sps_english.htm>. (JKB)

UKRAINE: From 1 January 2003 *RUI* changed its two frequencies:

6020 ---> 7420 (az. 290 deg.)

9810 ---> 7375 (az. 314 deg.)

(Alexander Egorov via WWDXC-HQ; December 23, 2002)

USA: Radio Farda ("Tomorrow Radio") is a new 24 hrs Persian schedule from the U.S., web: <<http://www.radiofarda.org>>. You will find frequencies and times of transmissions at IBB schedule of last month issue of DXM under abbreviation "FRD" at both columns Px and Net. (JKB)

The **Voice of America** doubled its Kurdish language broadcasts from one to two hours daily to Iraq and the surrounding countries. The new 60-minute radio broadcast, airing from 1800-1900 includes the latest U.S., world and regional news, along with correspondent reports on local developments in Iraq, and features on science, technology, and American culture. The increased programming will include on-scene dispatches from VOA and Radio Free Europe/Radio Liberty reporters in Iraq. The new broadcast will supplement an existing hour-long news and information program from 1600-1700. (VOA Press release 2003 Jan 15, via DXLD #3-010)

WBCQ - The Planet is a 50 kW short-wave radio station that serves North America, the Caribbean and most of South America on 7415 kHz and 9335 kHz, antenna direction 245 degrees. QSL cards will be provided for verified reception reports mailed to: WBCQ, 97 High Street, Kennebunk, ME 04043 USA. Please include a self-addressed stamped envelope within the USA or 1 IRC from overseas. (JKB)

WBCQ is working on plans to add own news service to be known as Planet World News to its schedule, from a non-corporate source, if the US goes to war. This feature will be compiled by WBCQ staff as honest, sincerely presented, world news stories as truthful and as accurate as they can obtain. The service debuts on Saturday, February 1, 2003 at 2050 UTC on 7415. Planet World News will be broadcasted Monday thru Saturday at 2050 UTC on 7415 As U.S. get closer to a possible war and other unsettling events throughout the world, WBCQ feel it their responsibility to begin to establish a news department here at WBCQ. (Allan H. Weiner, 2003 Feb 1, DXDL #3-018)

Latest X-band list at a glance - January 2003:

1610

CJWI Montreal QUE FF Caribbean music

1620

WPHG Atmore AL Rel/Gos. (but silent) possible resurrection as WPNS

WDND South Bend IN ESPN Radio 1620

KOZN Bellevue NE ESPN Sport ."The Zone"

WTAW College Station TX `Newstalk 16-20 WTAW` CBS Nx

KBLI Blackfoot ID SS "Radio Fiesta"

KYIZ Renton WA Urban/Contemporary Soul

KSMH West Sacramento, CA Rel. EWTN Global Catholic radio

WDHP Frederikstad, VI Variety."The Reef" //WRRR 1290 & WAXJ

1630

KCJJ Iowa City IA Hot AC /Classic Rock

KKWY Fox Farm WY C&W AP nx

KNAX Ft Worth/Dallas TX SS. Radio Vida/ Radio Dos Mil Dos. EE ID :58

WTEL Augusta GA `Newstalk 1630 WTEL` x WRDW

1640

WKSH Sussex WI Disney

KPBC Lake Oswego OR Black Gospel//KKSL. (soon to Disney)

KDIA Vallejo CA Talk/ `Business Radio 1640`

KBJA Sandy UT SS/Radio Unica EE ID on hour

1650

WHKT Portsmouth VA Disney. "AM1650 WHKT Portsmouth, Radio Disney"

KDNZ Cedar Falls IA Talk/ Sport "The Talk Station"//KCNZ

KWHN Fort Smith AR `Newstalk 1650 KWHN`

KBJD Denver CO Contemp Christian. "The Beat`

KFOX Torrance CA Korean/ EE ID on hour

1660

KTIQ Merced CA Sports/Sp News `The Ticket`

WWRU Elizabeth NJ PP & SS Radio Unica/R. Portugal
 WCNZ Marco Is FL `Newradio 1660` AP nx
 WQSN Kalamazoo MI Sports/talk ESPN// WKLZ 1470.
 KRZX Waco TX "Newstalk KRZX" (off 6.p.m.-12 NZST)
 KQWB West Fargo ND Standards "Star 1660 is KQWB AM` CNN news
 KXOL Brigham City UT "Oldies radio" (60`s rock)
 KXTR Kansas City KS `Classical 1660`
 WGIT Canovanas PRico SS oldies "El Gigante"

1670

WRNC Warner Robins GA Urban Gospel "1670 The Light"
 WTDY Madison WI Sports/Talk. "1670 WTDY" "The Team"
 KHPY Moreno Valley, CA Rock/AC "KHPY Moreno Valley 1670"
 KNRO Redding CA "Redding`s ESPN Radio 1670 KNRO`

1680

WTTM Princeton NJ Ethnic - Hindu
 WTIR Winter Garden FL "Travel Information Radio"
 WJNZ Ada MI Urban/AC
 KAVT Fresno CA Disney/SS
 KRJO Monroe LA Gospel. "Gospel 1680"

1690

KDDZ Arvada CO Disney
 KSXX Roseville CA SS rel. /Radio Tricolour/ & Asian. EE ID on hour.
 WPTX Lexington Park "Newstalk 1690 WPTX" CNN News

1700

WJCC Miami Springs FL SS/Rel/"Radio Luz"
 WEUV Huntsville AL Black Gospel. "Music of your Life.//1600 WEUC 1kw
 KTBK Sherman TX Sporting News Radio "Sports Radio 1310 KTCK."
 KBGG Des Moines IA `The new AM 1700 KBGG". CNN
 KQXX Brownsville TX Oldies (880 watts night)
 (NEW ZEALAND DX TIMES JANUARY 2003 PAGE 35 via DXLD #3-012, January 21, 2003; compiler unknown)

Radio Miami International - WRMI is a privately-owned commercial shortwave radio station broadcasting with 50 kW to the Caribbean, North, Central and South America on frequencies of 9955 kHz and 7385 kHz. Programs are in English, Spanish, Portuguese and other languages. All broadcasts on 9955 kHz are beamed 160 degrees to the Caribbean and Latin America, and those on 7385 kHz are beamed 317 degrees to North America. WRMI sells airtime to organizations, companies and individuals in all parts of the world. Broadcasting began with their 50 kW transmitter on 14th June 1994. Postal address: WRMI - Radio Miami International, 175 Fontainebleau Blvd., Suite 1N4, Miami, Florida 33172 USA. Tel: +1-305-559-WRMI (9764). Fax: +1-305-559-8186. E-mail: wrmi@compuserve.com. (JKB)

Effective Schedule, GH deleted gospel huxters and far-right talkshows, leaving...

MONDAY-FRIDAY/LUNES-VIERNES

To the Caribbean and Latin America on 9955 kHz / Hacia el Caribe y Latinoamérica en 9955 kHz:

1100-1130 La Voz de la Junta Patriotica Cubana (español)

1130-1230 Entre Cubanos (español)

1230-1300 Viva Miami (English/español)

Note: This transmission at 1000-1300 UT is temporarily not aired on Tuesday and Thursday.

To North America on 15725 kHz/ Hacia Norteamérica en 15725 kHz:

1430-1530 Stock Talk Live (English)

7385 kHz to North America (except as noted) / 7385 kHz hacia Norteamérica (excepto donde anotado): Note: following are Tuesday-Saturday UT. Los siguientes son martes-sábado UT.

0300-0330 Radio Praga (español; hacia el Caribe y Latinoamérica)

0330-0400 Radio Praha (Czech)

0400-0430 Radio Prague (English)

SATURDAY/SABADO

To the Caribbean and Latin America on 9955 kHz / Hacia el Caribe y Latinoamérica en 9955 kHz:

1000-1030 Viva Miami (English)

1130-1200 Wavescan (English)

1200-1230 Viva Miami (English/español)

To North America on 15725 kHz / Hacia Norteamérica en 15725 kHz:

1300-2300 Music

2330-0000 Wavescan (English)

To the Caribbean and Latin America on 9955 kHz / Hacia el Caribe y Latinoamérica en 9955 kHz:

The following are Sunday UT. Los siguientes son domingo UT.

0000-0100 Foro Militar Cubano (español)

0100-0130 Conversando entre Cubanos (español)

0130-0145 La Hora de Chibás (español)

0145-0200 La Verdad Para el Mundo (español)

0200-0300 Radio Revista Lux (español)

7385 kHz to North America (except as noted) / 7385 kHz para Norteamérica (excepto donde anotado):

0300-0330 Radio Praga (español; hacia el Caribe y Latinoamérica)

0330-0400 Radio Praha (Czech)

0400-0430 Radio Prague (English)

0430-0500 Viva Miami (English/español)

0500-1000 Solid Rock Radio (English)

SUNDAY/DOMINGO

To the Caribbean and Latin America on 9955 kHz/ Hacia el Caribe y Latinoamérica en 9955 kHz:

1000-1100 Foro Militar Cubano (español)

To North America on 15725 kHz / Hacia Norteamérica en 15725 kHz:

1300-1400 Viva Miami (English)

1400-1430 Wavescan (English)

1500-2100 Solid Rock Radio (English)

2200-2230 Wavescan (English)

2230-0000 Viva Miami (English)

To the Caribbean and Latin America on 9955 kHz / Hacia el Caribe y Latinoamérica en 9955 kHz:

The following are UT Monday. Los siguientes son UT lunes.

0000-0100 Radio Revista Lux (español)

0100-0115 Radio Vaticano (español)

0130-0230 Radio Oriente Libre (español)

0230-0300 Conversando entre Cubanos (español)

7385 kHz to North America (except as noted) / 7385 kHz para Norteamérica (excepto donde anotado):

0300-0330 Radio Praga (español; hacia el Caribe y Latinoamérica)

0330-0400 Radio Praha (Czech)

0400-0430 Radio Prague (English)

0445-0500 Radio Naciones Unidas (español)

0500-1000 Jupiter 400 (English)

And details about the last entry, something new:

Jupiter 400 - The International Mélange of Talk and Music. Jupiter 400 Presents (English) The flag ship broadcast and yes it's "LIVE" and brought to you via your shortwave set weekly. This is a 5 hour variety show with music, phone interviews, powerful commentary, talk and of course comedy bits and humor seeks to entertain the listener. So, whether it's serious discussion with political leaders or ordering a pizza for delivery to Pakistan from Domino's, you the listener are there "LIVE". Your hosts Susan and the Bee Man guide you through the journey that is the Jupiter 400 experience. Yes!! Jupiter 400 Radio Network is broadcasting via shortwave from 0500 to 0959 UT Monday on the North American Beam at 7385 kHz from WRMI in Miami, FL. Send reception reports and e-mail to: shows@jupiter400.net. Part of the Jupiter 400 time block will include the "Edge of

Reality" show hosted by Dr. Wayne E. Haley. Dr. Haley has been a professional psychoanalyst and paranormal researcher for over thirty years. Recently retiring from the University of California system, Dr. Haley now works exclusively on research in the area of the unusual and bizarre. He is presently the Director of HRL, Inc. a not-for-profit scientific research organization. Over the past twenty years he has written books, screenplays and various professional articles. He is still practicing analysis in the State of Washington where he specializes in UFO abductions and with patients that have had unusual encounters with the paranormal. His current late night radio program is designed to introduce listeners to the strange and unusual world as well as the enigmas that surround us all.

<<http://radio.jupiter400.net>> (WRMI website, 2003 Jan 27, DXLD #3-016)

ZIMBABWE: Voice of the People: This station, which broadcasts to Zimbabwe via the Radio Netherlands Madagascar relay station, will be changing its schedule as of Monday 27 Jan. The broadcasts will be Mon-Fri at 1655-1755 UT on 7120 kHz. The morning transmission at 0330 will be discontinued. (Media Network newsletter Jan 24 via via DXLD #3-014, January 24, 2003)

Sources & Contributors:

BC-DX	News Bulletin by Wolfgang W. Bueschel - Germany.
CONEXION	CONEXION Digital - Buenos Aires, Argentina.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
EDXP	Electronic DX Press, Bob Padula - Australia.
GH	Glenn Hauser - 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.
WWDXC-HQ	WWDXC Headquarter, Michael Bethge - Germany.

Abbreviations:

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

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

R Russian
Sp Spanish
Turk Turkish

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New Video Coding Standard Delivers Major Advances in Image Quality

ITU standard opens new opportunities for entertainment & video telecommunication

Geneva, 23 December 2002 - The technical design of a new video compression standard was agreed this week in Japan. Known as H.264/AVC, it has been developed by a group of the world's leading technical experts, and promises dramatic improvements in video quality. The new standard is likely to find use in a wide variety of applications from mobile phones to High Definition TV and is destined to revolutionize video picture quality over networks such as the Internet, 3G Wireless and the PSTN.

The new standard is the achievement of the ITU and ISO/IEC Joint Video Team (JVT), a pre-eminent group of experts from these three international standards organizations. The new standard, which will be known as H.264 (the ITU-T name) and as ISO/IEC 14496-10/MPEG-4 AVC (the ISO/IEC name), is expected to be published in the second quarter of 2003.

Digital video is being used in an increasing array of applications that have been fuelled by the development of video coding standards. The new standard follows in the footsteps of earlier mould-breaking video coding advances, such as H.261, H.262 | MPEG2-Video (the product of an earlier collaboration between ITU and ISO/IEC) and H.263, but surpasses earlier video standards in terms of video quality, compression efficiency and resilience to packet and data loss, the type of network impairments found on the Internet. Potentially it could halve the bandwidth necessary for digital video services.

In addition to the potential of better image quality, improved data compression offers advantages in terms of bandwidth usage (more channels over existing systems) or greater media storage (more video files onto media such as DVDs.) The many application areas likely to benefit include videoconferencing, video broadcast, streaming and video on mobile devices, tele-medicine and distance learning.

"We have achieved a key milestone in making this important new standard available to the industry at large. It's a credit to the entire team that the technical design was completed in record time and it paves the way for the adoption of this exciting technology in 2003," said Gary Sullivan, chairman of the JVT and the ITU-T Video Coding Experts Group VCEG.

"This result is testimony to the dedication and spirit of cooperation achieved between a group of the world's leading coding experts," said Leonardo Chiariglione, Convenor of the MPEG Committee.

The JVT will spend the next three months on the final preparation of the text for approval and publication by ISO/IEC and ITU-T. **(ITU)**



DX LOGBOOK

Logs around the clock

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MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
567.0	1600	433	I	RAI,Radiouno	Italian	Jingle,News	1301	HJK
576.0	1250	544	D	CMT Messeradio,Muhlacker	German	Live from Caravan Messe	2001	HJK
603.0	1200	333	TUN	RTV Tunisieene,Gafsa	Arabic	News	1701	HJK
612.0	0520	443	BIH	Radio Bosnieu-Herzegowina	Vernacular	Report on music festival	1101	HJK
666.0	0539	544	D	Info Radio 93.1	German	News weather	1101	HJK
675.0	0548	444	HOL	Radio 10 FM, Lopik	Dutch	ID,Pop Music	1101	HJK
684.0	1430	444	YUG	Radio Beograd, Belgrade	Serbian	ID,Journal	0801	HJK
684.0	1227	433	IRN	IRIB,Madhad	Arabic	Koran songs	1701	HJK
711.0	0012	343	LYB	Voice of Africa	French	ID,News	0901	HJK
783.0	2219	443	E	COPE,Radio Miamar,Barcelona	Spanish	Advts.,ID,Spanish Pops	0801	HJK
819.0	0840	333	E	Radio Euskedi,San Sebastian	Spanish	Talk on Iraq	1001	HJK
819.0	1355	233	D	Mega Radio	German	ID,Pop Music	2001	HJK
828.0	1034	544	D	SWR 4, Frieburg	German	Listener call,Music	1101	HJK
855.0	1015	433	D	DLR,Berlin	German	Live from German Parliamen	1601	HJK
873.0	2228	442	E	SER Zaragoza	Spanish	Report on Terrorists	0801	HJK
891.0	0857	443	ALG	RTA 1, Algiers	Arabic	Folklore music	1001	HJK
927.0	0041	332	ALG	RTA,Timimoun	Arabic	Folklore	0901	HJK
936.0	1258	333	UKR	Radio Campagne Golos Rossii	Russian	ID,IS,Program	1701	HJK
936.0	0905	343	D	Bremen 1,Bremen	German	ID,Traffic info	1001	HJK
981.0	1330	342	ALG	RTA,Algiers	Arabic	Political Talks	0901	HJK
999.0	0758	443	E	COPE,Radio Madrid	Spanish	Talk on Catholic church	1001	HJK
999.0	1412	443	MDA	R.Campagne Rossii	Russian	ID,Pop Music	0801	HJK
1035.0	1350	332	I	RAI,Radio due	Italian	Jingles,ID,News	0801	HJK
1035.0	1400	433	EST	Tallin Radio	Vernacular	Pop Music	0801	HJK
1044.0	0054	432	D	B5 Aktuell,Dresden	German	Magazine,ID	0901	HJK
1053.0	1314	333	LYB	LJB,Tripoli	Arabic	Folklore and News	1701	HJK
1071.0	1920	443	CZE	Radio Prag	German	Eurodomino Tschedrieu	2001	HJK
1188.0	0325	432	BEL	Vlaamse Radio	Flemish	Pop Music	1001	HJK
1233.0	0301	433	BEL	RTBF Radio Traffic	French	ID,News,Pop Music	1501	HJK
1251.0	0025	444	LYB	Voice of Africa	French	News	0901	HJK
1260.0	0330	442	CVA	Radio Vatican	Russian	IS,ID and Choir	1001	HJK
1269.0	1008	433	D	DLF,Neumunster	German	Sea Weather Report	1101	HJK
1287.0	0336	444	E	SER	Spanish	Listeners calls,ID	1001	HJK
1296.0	0650	343	E	COPE,Radio Valencia	Spanish	Anns. Talks	1501	HSO
1332.0	0212	444	I	RAI	German	ID,News	1101	HJK
1350.0	0434	444	HNG	Radio Gyor	Hungarian	ID,Radio journal	1001	HJK
1386.0	0159	332	KEN	Kenya Broadcasting Corp., Nairobi	English	Sign on,Drums,Afro music	0901	HJK
1386.0	2319	232	GUI	Radio Rurale,Labe	French	ID,Afro Choir	0801	HJK
1394.8	2135	444	ALB	TWR,Flaake	Czech	ID,Bible reading	0801	HJK
1422.0	0427	433	ALG	RTA,Algiers	Arabic	Koran	1001	HJK
1440.0	2003	444	LUX	KOL Israel,Manarch	Hebrew	ID,News	1301	HJK

1440.0	2259	433	YUG	Radio Beograd	Serbian	Classic music	0801	HJK
1458.0	1302	333	G	Sunrise Radio,London	English	News,Press Report	0901	HJK
1467.0	0300	333	IRN	IRIB,Isfahan	Persian	News	1001	HJK
1470.0	0556	222	USA	WLAM,Lewiston	English	Talks,Anns,ID,News	1501	HSO
1476.0	2051	444	AUT	Radio Afrika Intl., Wein	French	Afro Pop	0801	HJK
1485.0	1020	433	D	SWR Contra,Baden Baden	German	Magazine,ID	0901	HJK
1503.0	0450	433	E	RNE Radio 5	Spanish	Pop music and ID	1001	HJK
1503.0	0530	443	BIH	Radio Sarajevo,Zavidovici	Bosnian	Talks,Pop Music	1901	HJK
1510.0	0539	232	USA	WWZN,Boston	English	Talks,National	1501	HSO
1512.0	1535	443	I	RAI,Radiodue, Palermo	Italian	Quiz	0901	HJK
1512.0	0240	343	GRC	Elliniki Radiophonia,Chania	Greek	Music	1001	HJK
1512.0	2244	444	BEL	Radio Vlaanderen Intl.,	English	Magazine,Training dogs	0801	HJK
1521.0	2237	433	E	SER,R.Castellon	Spanish	Political report	0801	HJK
1530.0	0313	433	STP	VOA,Sao Tome	English	ID,Daybreak Africa	1001	HJK
1539.0	1553	443	E	SER,Radio Elche	Spanish	Talk on Real Madrid	1301	HJK
1548.0	2224	342	MDA	Voice of Russia,Grigoripol	Serbian	Magazine,ID	1301	HJK
1548.0	1000	333	G	Capital Gold,London	English	ID,Jingles,Oldies	0901	HJK
1566.0	0437	343	G	BBC,Summerset Sound	English	ID,Political magazine	1101	HJK
1575.0	1330	333	I	RAI,Radiouno	Italian	ID,Jingle,Journal	1301	HJK
1590.0	0611	221	USA	WAKR,Akron	English	Program	1501	HSO
1593.0	0545	433	EGY	ERTV,Matruh	Arabic	Folklore	1901	HJK
1593.0	0501	433	ROU	Romania Actualitat	Romanian	ID,Radiojournal	1101	HJK
1602.0	0500	443	I	RAI Radiodue	Italian	Classical music, ID	1001	HJK
1602.0	1552	444	E	R,Vitoria,Vitoria	Spanish	Advrts,ID,Interviews	0801	HJK
1611.0	2020	444	CVA	Radio Vatican	Esperanto	IS,ID,News from Vatican	0801	HJK

TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2850.0	1559	232	KRE	KBS,Pyongyang	Korean	Talks	1501	HJK
3025.6	1608	132	KRE	Frontline Soldiers Radio	Korean	Political Talks	1501	HJK
3250.0	0553	433	HND	Radio Luz y Vida	Spanish	Rustic vocals and Tasks	0101	RAD
3289.9	1054	322	EQA	Radio Centro	Spanish	Talks and ID. Music	3112	RAD
3375.1	0932	333	B	Radio Nacional,Sao Gabriel	Portugese	Anns,ID and vocal selection	3012	RAD
3375.1	0945	222	PRU	Radio San Antonio	Spanish	Talk and rustic vocals	30012	RAD
3930.0	1620	232	KOR	KBS,Hwasong	Korean	Studio Talks	1501	HJK
4747.0	1040	222	PRU	Radio Huanta 2000	Spanish	Talks and rustic vocals	0101	RAD
4775.0	1040	322	PRU	Radio Tarma	Spanish	Huaynos,Talks and ID	3112	RAD
4800.0	0335	222	LSO	Radio Lesotho	English	Talk and male vocals	0601	RAD
4815.0	1000	322	EQA	Radio El Buen Pastor	Quechua	Ann. And Flute music	3012	RAD
4830.0	0314	333	VEN	Radio Tachira	Spanish	Anns.,ID and Latin vocals	0101	RAD
4835.4	0653	444	MLI	Radio Diff TV Malienne	French	Folklore	1501	HSO
4856.2	1016	332	PRU	Radio La Hora	Spanish	Talks about Peru and ID	3012	RAD
4875.0	0254	222	B	Radiodifusora Roraima	Portugese	Talks and ID	0701	RAD
4885.0	0235	322	B	Radio Clube de Para	Portugese	Phone in Pop Music	2112	RAD
4915.0	2209	443	B	Radio Anhauguera	Portugese	Football commentary	1501	HJK
4955.0	1052	222	PRU	Radio Cultural Amauta	Spanish	Continious vocals	0101	RAD
4980.0	2214	333	B	Radio Brasil Central	Portugese	Football Report	1501	HJK
4985.0	0700	233	B	Radio Brasil Central	Portugese	Folklore	1501	HSO
5010.0	0253	222	MDG	RTV Malagasy	Franch	ID and tribal vocals	2112	RAD
5019.9	1052	222	PRU	Radio Horizonte	Spanish	Vocals,ID Talks	3012	RAD
5070.0	0937	232	USA	WWCR,Nashville	English	Religious Program	1701	HJK

SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5775.0	1730	333	SVK	Radio Slovakia	English	Program	1801	WB

5825.0	0200	444	USA	WEWN	English	World Catholic Radio	1201	MF
5885.0	0639	544	E	REE, Madrid	Spanish	Pop music	2101	HJK
5925.0	1500	543	D	Voice of Democratic Eritrea	Tigrigna	Program	2501	WB
5935.0	2219	333	LVA	Laser Radio	English	ID and Pop songs	2212	RAD
5945.0	0710	555	NOR	DRM, Sveio		DRM Test	2301	WB
5960.0	0255	443	IRN	IRIB, Teheran	Spanish	Organisations in Argentina	2101	HJK
5990.0	0155	344	IND	All India Radio	Sindhi	Indian Folklore	2101	HJK
5990.0	0328	232	ETH	Radio Ethiopia, Gedja	Amharic	News	2101	HJK
5995.0	0722	343	MLI	Rdiff TV Malienne, Bamako	French	Political talks	1201	HJK
6000.0	0403	443	CUB	Radio Habana	English	News	1501	HJK
6000.0	1444	332	SNG	City Sounds, Kranji	Chinese	Pop Music	1301	HJK
6010.0	0708	232	MEX	Radio Mil, Mexico City	Spanish	Anns.	1501	HSO
6010.8	0730	333	CLM	La Voz de tu Conciencia	Spanish	Religious program	1201	HJK
6015.0	0228	333	CHN	Xinjiang PBS, Urumqi	Kazakh	Chorus	2101	HJK
6020.0	0420	553	TUR	Voice of Turkey	English	Letterbox	1601	RL
6025.0	0049	333	DOM	Radio Amanecer, Santo Domingo	Spanish	Program' La Biblia'	1401	HJK
6035.0	0100	232	CLM	La Voz del Guaviere	Spanish	Sport Report	2101	HJK
6035.0	0054	332	UAE	AWR	English	Religious Program	2101	HJK
6040.0	0128	444	ROU	Radio Romania Intl.,	Romanian	ID, Studio Talks	1501	HJK
6045.0	0149	444	IND	All India Radio	Nepali	Report on Pakistan	2101	HJK
6050.0	0430	333	EQA	HCJB, Pifo	English	Religious Program	1501	HJK
6050.0	2344	343	CHN	CNR	Chinese	Jingles	2001	HJK
6055.0	0546	343	KWT	Radio Kuwait	Arabic	Folklore	2101	HJK
6055.0	0010	553	E	REE, Madrid	English	Day by Day	1501	RL
6085.0	0240	343	OMA	Radio Oman, Seeb	Arabic	Talks on Islam	2101	HJK
6089.9	2225	343	NIG	FRCN, Kaduna	Vernacular	Afro Music, Drums	2001	HJK
6090.0	0010	343	AIA	Caribbean Beacon	English	Dr. Gene Scott Religious Px.	1401	HJK
6095.0	0246	233	IRN	IRIB, Teheran	Pashto	News report on Pakistan	2101	HJK
6100.0	1540	332	KRE	KCBS, Kanggye	Korean	Classical songs	1501	HJK
6100.0	0627	232	LIB	Radio Liberia, Totota	English	Afro Reggae music	2101	HJK
6110.0	1935	444	IRN	IRIB, Teheran	English	Nuclear Plan	1101	MF
6110.0	0527	553	CAN	Radio Japan, NHK via Sackville	English	Pop joins the World	0501	RL
6115.0	1102	232	BLR	Belaruskaje Radio	Belarussian	News	1701	HJK
6135.0	0524	232	YEM	Yemen Radio, Saana	Arabic	Folklore	2101	HJK
6150.0	0015	333	SNG	Radio Singapore	English	Morning show	1701	HJK
6150.0	0415	333	CYP	Radio Bayrak	English	Pop oldies	2101	HJK
6150.0	2256	432	TWN	CBS, Taipei	Chinese	ID, News	2001	HJK
6155.0	0140	432	G	RTE Dublin	English	Iraq/USA War	1401	HJK
6155.0	0141	433	IND	All India Radio	Urdu	Folk Orchestra	2101	HJK
6160.0	2315	443	KOR	Radio Canada Intl., via Kimje	Chinese	Magazine, ID	2001	HJK
6165.0	0531	443	TCD	Rdiff Chadienne, Ndjamene	French	ID, News	2101	HJK
6165.0	1116	444	HRV	Hrvatska Radio, Deanover	Croatian	ID, Pop Music	1701	HJK
6165.0	0040	342	VTN	Voice of Vietnam	Hmong	Studio Talks	2101	HJK
6175.0	0840	142	USA	WYFR	Portuguese	Religious Program	1701	HJK
6175.0	0540	343	GAB	Radio France Intl., Moyabi	French	Africa Journal	2101	HJK
6180.0	0612	333	CUB	Radio Havana	English	Report on UN	1901	HJK
6185.0	0832	233	MEX	Radio Educacion	Spanish	Tangos, Music	1501	HSO
6190.0	1040	444	D	Deutschlandfunk, Berlin	German	Green week in Berlin	1701	HJK
6200.0	0211	443	IRN	IRIB, Teheran	Arabic	Koran	2101	HJK
6210.0	1705	333	UZB	Radio Vatican	Russian	Chorus	1901	WB
6210.0	0430	333	ETH	Radio Fana	Oromo	ID and Horn of Africa vocals	0501	RAD
6250.1	1542	343	KRE	PBS, Pyongyang	Korean	ID, Talks, Classic music	0901	HJK
6265.0	0401	433	ZMB	Zambia National Broadcasting	English	NEWS	1301	RAD
6280.0	2018	444	ISR	KOL Israel	English	ID, News	2001	HJK
6295.3	2040	444	I	IRRS, Milano	English	US Stn from Cleveland relay	2001	HJK
6715.0	2252	222	CNR	Full Gospel Las Palmas Church	Korean	Sermon, vocals, Hymns	2712	RAD
6900.1	0654	342	TUR	Turkish Stae Met Service	Turkish	Non stop music	2101	HJK
6890.0	242	242	USA	WGTG	English	Jesus is our best friend	1201	MF

7109.9	0935	333	ALB	Radio Tirana,Cerrick	Alabian	Talks	1201	WB
7160.0	2044	432	GUM	AWR,Agat	English	ID,Religious program	0801	HJK
7225.0	0300	444	SWZ	TWR,Swaziland	Tebezi	Report on Politics	1201	MF
7260.0	0716	231	VUT	Radio Vanuatu	French	Program	1501	H50
7306.0	0940	332	I	Radio Europe,Pioltello	Italian	Pop Music	1201	WB
7325.0	0228	333	AUT	RAI,Wein	English	Insight Central Europe	0501	RL
7345.0	0125	543	CZE	Radio Prague	English	Spotlight	1601	RL
7375.0	0415	433	UKR	Radio Ukraine Intl.,	English	Hello from you	1201	RL
7415.0	2202	433	USA	WBCQ	English	Watch America	1401	RL
7445.0	0950	242	CTR	UN Radio via RFPI	English	Report on Congo	1701	HJK
7465.0	0400	332	USA	KJES	English	Gospel of Time	1201	MF
7480.0	1800	333	MDA	Radio Iran Tomorrow	Persian	Folk songs	1801	WB
7485.0	1245	433	Rus	Voice of Hope,Novosibirisk	Chinese	Sermon	2401	WB
7490.0	1755	443	NOR	Radio International	Persian	Politics with bubble jamming	1801	WB
7500.0	2255	553	BUL	Radio Bulgaria	English	Keyword Bulgaria	1301	RL
9155.0	1640	222	AZE	Ashur Radio	Assyrians	Talks	1801	WB
9400.0	0355	553	BUL	Radio Bulgaria	English	Magazine Economy the Euro	1401	RL
9425.0	2032	543	IND	All India Radio	English	News	1301	RL
9504.9	2216	232	B	Radio Record,Sao Paulo	Portugese	Jingles,Brazilian Folklore	2001	HJK
9505.0	1713	533	J	Radio Japan,NHK	English	44 minutes	0901	RL
9535.0	1902	433	THA	Radio Thailand	English	Financial resources	1101	RL
9565.0	0040	332	B	Radio Tupi,Curitiba	Portugese	Prayers by man	1701	HJK
9580.0	1730	533	AUS	Radio Australia	English	Falling Birth Rate	2101	HJK
9590.0	0500	554	NLA	Radio Nederland	English	Sincerely Yours	2001	RL
9615.0	0048	343	B	Radio Cultura, Sao Paulo	Portugese	Orchestra,Weather News & ID	1701	HJK
9615.0	0551	333	ALS	KNLS,Anchor Point	English	Religious Program	1601	HJK
9630.1	0056	333	B	Radio Aperecida,Aperecida	Portugese	Religious Program	1701	HJK
9634.5	0815	222	MLI	RTM,Bamako	Vernacular	Drums music	2101	WB
9645.8	0024	343	B	Radio Bandeirantes, Sao Paulo	Portugese	Political phone in program	1701	HJK
9665.0	2207	332	B	Radio Marumbi,Florianopolis	Portugese	Political Talks	2001	HJK
9675.0	0106	433	B	Radio Cancao Nova	Portugese	Pop Music	1701	HJK
9745.0	1944	553	I	RAI,Rome	English	News Summary	1801	RL
9780.0	1250	433	MRA	KSDA AWR,Guam	Korean	Program with English ID	2401	WB
9815.0	1724	553	AUS	Radio Australia	English	Summer Talk	0701	RL
9835.0	0337	553	HUN	Radio Budapest	English	Hungary Today	1401	RL
9875.0	2335	533	LTU	Radio Vilinius	English	Gambling betting	1501	RL
9930.0	0841	132	HWI	KWHR,Hawaii	English	Gospel Singer	1601	HJK
9990.0	2233	553	EGY	Radio Cairo	English	Music Book	1401	RL
9990.0	1658	454	NOR	Radio Norway	Norwegian	Tests with Classical music	0701	WB
11530.0	1300	333	MDA	Denge Mezopotamya	Kurdish	ID and Music	2401	WB
11605.0	1420	232	TWN	RFA,Tinian	Vietnamese	Talks	2401	WB
11675.0	0155	232	KWT	Radio Kuwait	Arabic	Folklore Music	1501	HJK
11710.0	0157	132	ARG	RAE,Buenos Aires	English	ID,Talks,News	1701	HJK
11745.0	0122	242	CHL	Voz Cristiana	Portugese	ID,Religious Program	2101	HJK
11780.0	0118	232	B	Radio Nacional Amazonia,Brasilia	Portugese	Report on the President	1701	HJK
11784.9	0132	132	B	Radio Guabia,Porto Alegre	Portugese	Pop singer,Folklore	1701	HJK
11925.0	0141	132	B	Radio Bandeirantes,Sao Paulo	Portugese	ID,Report on Sao Paulo	1701	HJK
11975.0	1450	331	UZB	Voice of Tibet	Tibetan	Program with Chinese jamming	1901	WB
11985.0	0404	453	NLA	Radio Vlaanderen Intl.,	English	Radio World	2001	RL
12005.0	1312	343	RUS	Radio Rossii, Krasnodar	Russian	Culture program	1501	HJK
13625.0	1430	332	MRA	RFA, via Tinian relay	Korean	Program	2401	WB
13650.0	2144	553	CAN	Radio Canada Intl.,	English	Maple leaf Mailbag	1401	RL
13680.0	1150	433	USA	Radio Farda	Farsi	ID,Jingles,News	1301	HJK
13680.0	2340	453	CAN	China Radio Intl.,	English	Listeners letters	1001	RL
13685.0	1412	343	AUS	Voice International,Darwin	English	ID,Listeners Feedback program	1501	HJK
13700.0	2244	553	NLA	RVI,Brussels	English	Radio World	1201	RL

15050.0	1321	243	IND	All India Radio,Delhi	Sinhala	Indian Folklore	1501	HJK
15095.0	1335	344	PHL	FEBC,Manila	Vernacular	ID,Religious Program	1501	HJK
15150.0	1401	333	AUS	Voice International,Darwin	Chinese	ID,Orchestra Music,Talks	1501	HJK
15175.0	1245	333	NZL	Radio New Zealand	English	ID,North Korean Nuclear prog.	1501	HJK
15615.0	1215	331	KAZ	Voice of Tibet,Almaty	Tibetan	Comments	2401	WB
15660.0	1348	344	GUM	KSDA,Agat	English	ID,Christian songs	1501	HJK
15725.0	2331	453	USA	WRMI	English	AWR Wavescan	1801	RL
17600.0	1300	444	RUS	Radio Rossii,Moscow	Russian	IS,ID,News	1501	HJK
17635.0	1122	233	AUS	Voice International,Darwin	Chinese	Children Chorus	1501	HJK
17670.0	0903	343	AUT	AWR,Moosbrun	English	ID,Nairaobi address,Prayer	1601	HJK
17675.0	0317	353	NZL	Radio New Zealand	English	Mailbox	1601	RL
17820.0	0830	344	AUT	AWR,Moosbrun	English	IS,ID,Religious Program	1601	HJK
17825.0	2100	443	JAP	Radio Japan,NHK	English	News and 44 minutes	1901	RL
21495.0	1220	443	UZB	Voice of Tibet via Tashkent	Tibetan	Program with Chinese jamming	2401	WB
21500.0	1150	232	CHL	La Voz Cristiana	Spanish	Religious songs	1501	HJK

Thanks a lot to our Club members for your contributions:

- HJK : Hans Joachim Koch, Dornstetten, Germany. AOR 7030 with 120/200/400 metres long wire
 HS : Harald Suess, Strasshof-Silberwald, Austria. SANGEAN ATS 909 with SONY AN1 antenna.
 HSO : Horst Schmidt from Oberursel, Germany. Drake R7, GD82NF, FRT 7700 MW-Antenna McKaye Dymek DA5,Inv.V,Q-Tek HF-30,Slooper & 20 m long wire
 MF : Michael Frese, Osnabrueck,Germany. SONY ICF SW 7600G with Telescopic antenna.
 RAD : Richard A. D'Angelo, Wyomissing, USA. Drake R-8B with very long wires & Datong FL3
 RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF with random long wires.
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR7030, Sony ICF 2010, Kenwood R-1000, Drake SPR-4 with 12 metres long wire.

Dear Friends,

Welcome to the second issue of Logbook for 2003.

Thanks once again to all the Club members whose loggings enabled me to compile once again a members only logbook. The good equipment and antennas of some of our members provided many Medium Wave loggings. Also my usual thanks to Herr Hans Joachim Koch for his loggings posted to me directly. Keep up the good work.

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
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Afghanistan	Commando Solo II	no data	41 ds	8.700	398 days from initial report.	RAD
Antarctica	R.Nacional Arcangel (LRA 36)	f/d cd	27 ds	154755	Thanks to GIB!	RAD
Australia	R. Independent Mekamui	f/d L	81 ds	3850	V/s Sam Voron VK2 BVS	JY
Botswana	Radio Botswana	f/d cd	158 ds	4.820	v/s Ted Makgekenene, Chief Engineer.	RAD
Canary Is	Full Gospel Las Palmas	e-mail	1 ds	6.715 usb	V/s Gyusub Chung	RAD
Clandestine	Radio DAT	Letter	62 ds	9.775		RAD
Congo DR	Radio Okapi	e-mail	4 minutes	11.690	Dominique Jaccard, desk officer	RAD
Congo DR	Radio Okapi	e-mail	15 ds	11.690	e-mail in 15 days.	RAD
Congo DR	Radio Okapi	e-mail	2 ds	11.690	from Georges Schleger (VE2EK).	RAD
Congo Rep.	Radio Congo	FF, L	782 ds	5.985	from Roger Olingou	RAD
France	TDF	e-mail	6 ds	25.775.1		RAD
Germany	Bayerischer Rundfunk	f/d cd	12 ds	6.085		RAD
Great Britain	Voice of Broadcasting Network	e-mail	22 ds	11.640	full data post cd. V/s Liz Thompson.	RAD
Guam	AWR JSWC 50th Anniversary	f/d cd	82 ds	11.980		JY
Guinea	RTG	e-mail	6 ds	7.125	e-mail from Issa Conde.	RAD
Hong Kong	R.TV Hong Kong	p/d cd	24 ds	3.940		JY
Iraq	Voice of Islamic Revolution	e-mail				RAD
Japan	Yamanashi Hoso (JOJF)	n/d cd	a week	765 Khz		JY
Laos	Hmong Lao Radio			12.070	returned by Post Office.	RAD
Peru	Radio Santa Rosa	e-mail	1,112 ds	6.045	from Florecita Rodriguez Le Torre	RAD
Seychelles	Voice of Forgiveness FEBA	e-mail	1 ds	15.535	v/s, Annie Hall	RAD
Seychelles	FEBA, Voice of Forgiveness	e-mail	45 ds	15.535	v/s Doreen Dugathe.	RAD
Syria	The Arabic Radio	p/ L	28 ds	9.950		RAD
Thailand	BBC, Asia site at Nakhon	f/d cd	28 ds	11.955	from Miss Puangtip O.	RAD
USA	WSHB Cypress Creek	Letter	20 ds	7.535	v/s C. Riehm.	DC
USA	Falun Dafa R.	f/d cd		9.945		JY
Vatican	Voice of Charity Lebanon	Letter	39 ds	11.735	from Father Fadi Tabet.	RAD
Vietnam	Voice of Vietnam-Xuan Mai	f/d cd	236 ds	5.035	earlier e-mail and follow up.	RAD
Vietnam	Voice of Vietnam	f/d cd	71 ds	558 Khz		JY

Thanks to our Reporters:

DC = Daniele Canonica, Switzerland. RX: JRC 535 D Ant: T2FD 25 meters

JY = Juichi Yamada, Japan - Jembatan DX No. 142 and 144

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