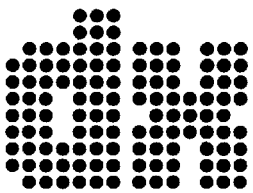


1 - 2002



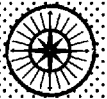
ISSN 0175-6877



magazine



WORLD WIDE DX CLUB



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Please do not forget to write all contributions for the different sections on separate sheets of paper, so that we are able to distribute them to the competent section editors.

WORLD RADIO TV HANDBOOK 2002

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

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DEADLINE (Redaktionsschluß) for DX



MAGAZINE No. 3/2002 is on February
21st, 2002, and for DX MAGAZINE
No. 4/2002 on March 21st, 2002.



DX MAGAZINE is the monthly publication of WORLDWIDE DX CLUB, Postfach 12 14, D-61282 Bad Homburg, Germany. Price for a single copy: € 1.28 or 2 International Reply Coupons (IRC's); annual subscription rate: € 15.34 or 15 IRC's. Other currencies and air mail rates on request. Cover: Peter Pohle + Jürgen Kauer (KAVOP)



DX MAGAZINE No. 1

Vol. XXXVII

January 2002

Hello again,

Welcome to the first issue of our DX MAGAZINE in this new year. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2002 recently and especially those who have added a donation for the club to their payment. The same applies to all those who have ordered their copy of WORLD RADIO TV HANDBOOK 2002 from us.

As you may know, 15 European countries including Germany have a new common currency since January 2002: the Euro (€). For a short period of time (until February 28th) the German Mark is still valid in Germany, which means that you may still send German cash money to us for payment of your membership. But from March 1st we can only accept payments in Euro.

And now over to our usual news from outside the club: A new comprehensive country-by-country guide to domestic and external shortwave broadcasts from sub-Saharan Africa, including opposition broadcasts to the African continent, has been added to the British DX Club web site. The guide, compiled by BDXC editor Tony Rogers and fully updated for the winter schedule period, is available in by-country and by-frequency versions. It can be found on the Articles index page of the web site. A number of other pages have also recently been updated including their Guide to DX Programmes, DX Diary and Links pages. They can be found at the usual BDXC-UK web address: <<http://www.bdx.org.uk>>.

André Müller (<miriman@t-online.de>) from Germany and Franz Ladner (<fladner@chello.at>) from Austria invite DXers to DX Holidays from the 13th - 19th of May 2002 in the wild-romantic Ore Mountains between Dresden and the Czech Republic. Full information on this project "DX Week in the Ore Mountains" is available by E-Mail from the two organizers mentioned above or against return postage from the following postal address: Mr. André Müller, Postlagernd/SDF 10, D-09488 Thermalbad Wiesenbad, Germany.

The Finnish DX Association is happy to welcome all DX-ers to attend the joint conference of the European DX Council and the Finnish DX Association. The conference is to be held 16th to 18th of August 2002 in the town of Pori, located on the west coast of Finland. Many of you may remember the DX conferences held in Finland in 1987 and 1992. Those have been the biggest DX conferences ever in Europe and they are also widely regarded as maybe the best ones. The prices have not yet been fixed, but for example one night in the hotel in a double room will be around 40 Euros / person (including seaview, breakfast and the spa). And for those looking for still cheaper lodging there is a good camping area only 300 metres from the hotel with various kinds of huts, a good caravan area and tent places. The conference price will most likely be less than 100 Euros covering welcome reception and the banquet. We know that coming over to Finland will be expensive to many of you, but we hope that our conference with its reasonable pricing will help you in budgeting your trip to Finland. More information about the conference will be provided through e-mail and newsgroups, and of course through a www link. Until then you are welcome to use Risto's private e-mail for your questions: <risto.vahakainu@helsinki.fi>.

In October 2002, enjoy a fantastic radio holiday tour of the great cities of Latin America. Visit radio stations you've heard over the years, meet local shortwave radio enthusiasts, and share the company of fellow radio travelers from New Zealand, Australia, the USA, Canada and Europe. In association with the New Zealand Radio DX League, the tour is organized by Ragusa Media Group, supporters of the Radio

Heritage Collection project at <www.radiodx.com>. The tour is designed for DXers, Shortwave Listeners, radio enthusiasts and all those who enjoy the music and culture of Latin America. October is springtime in this part of Latin America. The full itinerary and booking conditions can be found at the New Zealand Radio DX League website <http://radiodx.com/spdxr/dxtour.htm> or can be obtained from Latin American Radio Tour, P.O. Box 14339, Wellington, New Zealand (e-mail: <ragusa@paradise.net.nz>).

(David Ricquish, Talkback Editor, NZ DX Times)

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

ALGERIA: Valid external schedule of *RTA Algiers* until 3/31/2002. Address is RTA, 21 Blvd. des Martyrs, Algiers, Algeria. E-mail: <info@algerian-radio.dz>, Web: <www.algerian-radio.dz> (but no resolve of DNS, Ed.).

1700-1800 E 11715, 15160
 1800-1900 Sp 11715, 15160
 2000-2100 Sp 11715, 15160
 2100-2200 E 11715, 15160 (CONEXION #141 via WDXC-HQ; January 13, 2002)

ARGENTINA: Transmission schedule B01 of *Radiodifusion Argentina Al Exterior* - RAE from October 29, 2000 to April 24, 2001. Postal address: Casilla de Correos 555, Correo Central, 1000 Buenos Aires, Argentina. Fax: 54-11-4325636.

0000-0200 Portuguese 6060 11710 Mo-Fr
 0200-0300 English 6060 11710 Mo-Fr
 0300-0400 French 6060 11710 Mo-Fr
 1000-1200 Japanese 11710 Mo-Fr
 1200-1400 Spanish 15345 Mo-Fr
 1900-2000 English 9690 15345 Mo-Fr
 2000-2100 French 9690 15345 Mo-Fr
 2000-2200 Spanish* 6060 11710 15345
 2100-2200 German 9690 15345 Mo-Fr
 2200-2300 Spanish 6060 11710 15345 Mo-Fr
 2300-2400 Spanish 6060 11710 15345 Mo-Fr

*RAE or LRA1 Radio Nacional Buenos Aires)
 (GIB via NASWA Dez 2001 Edition via Al Quaglieri)

AUSTRALIA: B01 schedule of *Radio Australia* - RA transmissions in English, all via Shepparton. Postal address: Radio Australia, GPO Box 428G, Melbourne, VIC 3001, Australia.

0000-0030 9660 12080 15240 15415 17750 17775 21740
 0030-0100 9660 12080 15240 15415 17750 17775 21740
 0100-0130 9660 12080 15240 15415 17750 17775 21725
 0130-0200 9660 12080 15240 15415 17750 21725
 0200-0300 9660 12080 15240 15415 15515 17750 21725
 0300-0400 9660 12080 15240 15415 15515 17750 21825
 0400-0500 9660 12080 15240 15415 15515 21725
 0500-0530 9660 12080 15240 15415 15515 21725
 0530-0600 9660 12080 15240 15415 15515 17750 21725
 0600-0700 9660 12080 15240 15415 15515 17750 21725
 0700-0800 9660 12080 15240 15415 17750 21725
 0800-0900 9580 9710 12080 15240 15415 21725
 0900-0930 9580 21820
 0930-1000 9580 17750 21820
 1000-1100 9580 17750 21820
 1100-1200 6020 9475 9580 11650 21820
 1200-1300 6020 9475 9580 11650 21820
 1300-1400 6020 9475 9580 11650 21820

1400-1500 5995 6080 9580 11650
 1500-1530 5995 6080 9580 11650
 1530-1600 5995 6080 9475 9580 11650
 1600-1700 5995 6080 9475 9580 11650
 1700-1800 5995 6080 9475 9580 11880
 1800-1900 6080 7240 9475 9580 11880
 1900-2000 6080 7240 9500 9580 11880
 2000-2100 9500 9580 11880
 2100-2130 7240 9500 9580 9660 11880 12080 17715 21740
 2130-2200 7240 9660 11880 12080 17715 21740
 2200-2300 9660 12080 13620 15230 17715 17795 21740
 2300-2400 9660 12080 13620 15230 17715 17795 21740

(RA via Irkutsk DX Club / DX Listening Digest / GH, via NASWA Nov 2001 Edition via Al Quaglieri)

RA B01 English language schedule, checked Nov 11, 2001:

0000-0130 As/Eur 17775 (Darwin 250 kW)
 0000-0800 Pac/NAm 17580
 0000-0800 PNG/Pac 15240
 0000-0800 PNG 9660 (Brandon 10 kW)
 0000-0900 As 15415
 0000-0900 Pac 12080 (Brandon 10 kW)
 0030-0400 As 17750 [-1100 Sat/Sun]
 0100-0900 As/PNG 21725
 0200-0700 Pac/NAm 15515
 0430-0500 As 17750 [-1100 Sat/Sun]
 0530-0800 As/Eur 17750
 0700-0900 Pac/NAm 15240
 0800-0900 PNG/Japan 9710
 0800-1100 Pac/NAm 9580
 0830-0900 As 17750 [-1100 Sat/Sun]
 0900-1330 As 11880
 0900-1400 As/Eur 21820
 0930-1100 As/Eur 17750 [-1100 Sat/Sun]
 1100-1200 PNG 12080 (Brandon 10 kW)
 1100-1400 As 9475
 1100-1400 PNG/Pac 6020
 1100-1400 PNG 5995 (Brandon 10 kW)
 1100-1700 Pac/NAm 11650
 1100-2130 Pac/NAm 9580
 1330-1700 As 11660
 1400-1800 PNG/Pac 5995
 1400-1800 As 6080
 1530-1900 As/Eur 9475
 1700-2100 Pac/NAm 9815
 1700-2200 Pac/NAm 11880
 1800-2000 PNG 6080 [-2100 Sat/Sun]
 PNG/Pac 7240 [-2100 Sat/Sun]
 1900-2130 As/Eur 9500
 2000-0000 Pac 12080 (BBC WS 2200-2300) (Brandon 10 kW)
 2100-2200 PNG/Pac 7240
 2100-0000 PNG 9660 (BBC WS 2200-2300) (Brandon 10 kW)
 2100-0000 Pac/NAm 17715
 2100-0100 Pac/NAm 21740
 2200-2330 As/Eur 13620 (Darwin 250 kW)
 2200-2400 As/Eur 15230
 2200-0200 Pac 17795
 2330-2400 As 11695
 2330-2400 PNG/Japan 15415

WRN English at 0000-0030, 0700-0800, 1100-1200, 1900-1930.
 (RA via Neigel Holmes via BC-DX #556, 2001 Dec 31)

Indonesian

0000-0030 As 17750
 21615 (Marianas 250 kW)
 21680 (Darwin 250 kW)
 0400-0430 As 17750 (Mo-Fr only)
 21680 (Darwin 250 kW)
 21780 (Marianas 250 kW)
 0500-0530 As 11745 (Taiwan 250 kW)
 17750 (Mo-Fr only)

21680 (Darwin 250 kW)
 0800-0830 As 11550 (Taiwan 250 kW)
 17750 (Mo-Fr only)
 0900-0930 As 11550 (Taiwan 250 kW)
 17750 (Mo-Fr only)
 2130-2330 As 9865 (Darwin 250 kW)
 11550 (Taiwan 250 kW) [alt. 11935]
 11695
 15415

Chinese
 1400-1530 As 9475
 15435 (Kranji 100 kW)

Khmer
 0500-0530 SEAs 9730 (Kranji 250 kW)
 2300-2330 SEAs 17805 (Kranji 100 kW)

Tok Pisin
 0900-1100 PNG/Pac 5995, 6020, 9710, 12080
 2000-2100 PNG/Pac Mo-Fr 6080, 7240

Vietnamese
 2330-0030 SEAs 15110 (Kranji 100 kW)

Please be advised that the DARWIN facility is presently limited to two simultaneous txions, pending completion of technical and antenna upgrading, staff resourcing, and expansion of production capability. Six txs will ultimately be available for 24-hr operation. Txions are at presently confined to "daytime only" sces, between 2130 and 0800.

The current official operational schedule is:

11935 2130-2330 RA INSn
 2330-0000 VI * INSn
 13620 2200-0000 RA En
 17645 0130-0500 VI En
 0500-0700 VI * Mandarin
 17820 0700-0800 VI * Mandarin
 21680 0000-0030 RA INSn
 0030-0130 VI * INSn
 0130-0400 VI En
 0400-0430 RA INSn
 0430-0500 VI * INSn
 0500-0530 RA INSn
 0530-0800 VI * INSn

Programming in Mandarin and INSn has been introduced on a limited basis (denoted by * above), which replaces former progrming in En. En progrming is offered when INSn or Mandarin is not available.

Planned projected usage:

2030-2200 7170 VI
 2030-2130 11935 VI
 0000-0130 17775 VI

VI: Voice International RA: R Australia

24-hr operation is planned at some future date.

There is some concern at co-channel interference in the primary target area on 11935 from Saudi Arabia, which uses that channel for its Koran network up to 2300*

The DARWIN facility has now introduced a second tx for Vision Internat En progrming 2030-2130, on 11935. The updated operational schedule as at Jan-03 is:

7170 2030-2200 VI English 11935 2030-2130 VI English
 11935 2130-2330 RA INSn 11935 2330-0000 VI * INSn
 13620 2200-0000 RA English 17645 0130-0500 VI English
 17645 0500-0700 VI * Mandarin
 17820 0700-0800 VI * Mandarin (incl En lang lessons)
 21680 0000-0030 RA INSn 21680 0030-0130 VI * INSn
 21680 0130-0400 VI English 21680 0400-0430 RA INSn
 21680 0430-0500 VI * INSn 21680 0500-0530 RA INSn
 21680 0530-0800 VI * INSn

VI: Voice Internat RA: R Australia

It's anticipated that 17775 will be taken into use shortly for VI progrming, 0000-0130. At present, two txs used 2030-0000 and 0130-0800. Only one tx is on the air 0000-0130.

VI progrming in Mandarin and INSn has been introduced on a limited basis (denoted by * above), which replaces former progrming in En. En progrming is offered when INSn or Mandarin is not available. (BP in EDXP via BC-DX #556, 2002 Jan 4)

AUSTRIA: Everest Radio in Nepal language via transmitter Moosbrunn (Austria).
 Postal address: Everest Radio, 226 Greenford Avenue, Hanwell, London, W7 3QT, UK.
 E-mail: <everestradio@hotmail.com>, Web: <www.everestradio.co.uk>.
 2100-2200 6035 Sat - Tue
 (Marcelo Cornachioni in CONEXION #141; January 13, 2002)

BHUTAN: BBS Thimphu has changed the English schedule. Their current local time is UTC +5:30, instead of UTC +6:00. The URL of their home page (very slow indeed) is <<http://www.bbs.com.bt>>
 0100-0500 Dzongkha 6035 Mo-Fr
 0400-1000 Dzongkha 6035 Sa/Su
 0500-0600 English 6035 Mo-Fr
 0800-1100 English 6035 Mo-Fr
 1000-1130 English 6035 Sa/Su
 1100-1230 Dzongkha 6035 Mo-Fr
 (Dasgupta /EDXP - BP in NASWA Dez. 2001 Edition, via Al Quaglieri)

CHINA (Peoples Rep.): CRI - China Radio International relays B01 season:

Via Sackville, Canada:

0100-0157 English 9790
 0300-0357 Spanish 9560
 0500-0557 English 9560
 1200-1257 Cantonese 11855
 1300-1357 English 13650
 1400-1457 English 13650
 2300-2357 English 13680

Via Cuba:

0000-0057 Spanish 15210
 0100-0157 English 9580
 1200-1257 Chinese 9570
 1300-1357 English 9570
 1400-1457 English 17720
 1500-1557 English 17720
 2300-2357 English 5990
 2330-2357 Portuguese 13650

Via Bamako, Mali:

0830-0857 Hausa 7170
 1300-1357 French 13685 17880
 1400-1457 English 13685 15125
 1500-1557 English 13685 15125
 1600-1657 Arabic 13685 17880
 1700-1727 Swahili 13685 15125
 1730-1757 Hausa 13685 15550
 1800-1827 Hausa 13685 15550
 1830-1927 Arabic 13685 15500/alt 15125
 1930-1957 Portuguese 11735 15500/alt 15125
 2000-2057 English 13640 15125
 2100-2127 English 13640 15125
 2130-2227 French 11975 15500
 2230-2257 Chinese 11975 15500
 2300-2357 Chinese 7170 11975

Via Russia:

1600-1657 Arabic 7130-St.Petersburg
 1800-1857 Persian 7130-St.Petersburg
 1830-1927 Arabic 7200-Moscow
 2030-2127 French 7215-Samara
 2200-2257 English 7170-Taldom

Via Montsinery, French Guiana

0000-0027 Portuguese 11850
 0030-0057 Portuguese 11850
 0200-0257 Spanish 13685
 0300-0357 Chinese 9720
 0400-0457 English 9730

Via Noblejas, Spain:

0200-0257 Chinese 9690
 0300-0357 English 9690

Via Issoudin, France:

1900-1927 Romanian 7305
 1930-1957 Czech 7305
 2000-2027 Esperanto 6150

2030-2057 Bulgarian 6150
 2100-2127 Albanian 6150
 2130-2157 Hungarian 6150 (EDXP - BP via NASWA Dez. 2001 Edition, via Al Quaglieri)

CLANDESTINE: 2001 Clandestine Activity Survey: During the year 2001 the activity of political clandestine stations broadcasting on shortwave has increased by 4.7 % to 1432 Weekly Broadcasting Hours (WBHs). After almost a decade of decreasing activity during the 1990s this is the second year of increased activity in a row.

Clandestine activity to Asian target areas has increased by 9.1 % to 1045 WBHs, while activity on the African continent dropped by 7 % to 211 WBHs. The activity to target areas on the American continent has remained unchanged at 176 WBHs.

The number of active target areas (countries) worldwide has increased by one to 21. Newly reactivated target areas are Vietnam (last previous activity in 1994), Cambodia (1997) and Nigeria (1998). On the other hand, Papua New Guinea and the Democratic Republic of Congo are thought to be no longer active.

The three most active target areas worldwide are Iraq with 367 WBHs (+8 when compared with last year), Korea DPR with 217 WBHs (unchanged) and Cuba with 162 WBHs (unchanged). (Mathias Kropf, Germany, e-mail: <100144.232@compuserve.com>)

CUBA: Radio Habana Cuba latest schedule until March 2002:

0000-0100 5965, 6000, 9505, 9820, 11875*, 15230*
 0100-0200 5965, 9505, 11875*, 15230*
 0200-0500 5965, 9505, 9550, 11875*, 15230*
 1100-1200 6000, 11705*
 1200-1400 6000, 9550, 11705*, 15250*
 1400-1500 11705*
 2100-2300 11705, 11760, 13600, 13680

* = directed to South-America.

(Marcelo Cornachioni in CONEXION #141; January 13, 2002)

GERMANY: German Telecom - Relay stations transmissions, winter schedule B01 transmitter Juelich, valid from 7 Jan. 2002 (1=Sun ... 7=Sat):

Freq	start	stop	ciraf	ant	azi	type	day	from	to	broad
6120	0000	0100	7,8,9	105	295	216	1234567	281001	310302	LRT
5975	0900	1500	28	406	60	106	1234567	281001	310302	DRM
11795	0500	0559	47S,52	303	160	216	1234567	281001	310302	ECC
13810	1800	1900	46,47,52	306	160	216	123456	281001	310302	ECC
13810	1800	2130	46,47,52	306	160	216	7	281001	310302	ECC
9430	2330	0030	49,41	110	80	217	1234567	281001	310302	DVB
17805	1455	1530	49,41	201	70	218	1234567	281001	310302	DVB
6045	0958	1100	27,28	401	ND	926	1	281001	310302	EVR
6015	1830	1859	27,28	401	ND	926	4	281001	310302	EVR
weekday*										
15700	1600	1629	48	103	125	217	47	037192	310302	TIS
15715	1700	1759	38,39,48	402	145	218	146	281001	310302	SBO
5985	1000	1059	27,28	104	115	206	1	281001	310302	CHW
21590	1230	1329	41	108	90	218	1234567	281001	310302	TBC
9405	2230	2330	37,38	406	190	106	1234567	091101	310302	IBR
9425	1645	1715	39,40	110	80	217	1234567	151201	310302	IBR
15530	1630	1659	38,47,48	103	125	218	36	281001	310302	DTK
11840	1830	1859	52,53	104	145	206	5	281001	310302	RRP
15670	1600	1659	38,47,48	103	125	218	15	281001	310302	DTK
21550	0700	0759	38,47,48	106	145	217	1	281001	310302	DTK
11840	1830	1929	47,48	104	145	206	4	281001	310302	DTK
5925	1500	1559	27,28	401	ND	926	7	281001	310302	DTK
15670	1700	1759	38,39,48	402	140	218	25	281001	310302	DTK
6180	0900	0959	27,28	402	ND	976	7	281001	310302	DTK
11840	1900	1959	47,48	104	145	206	6	281001	310302	DTK
15530	1600	1629	37,38,46,47	405	175	141	1	251101	310302	UNL F
9435	0100	0129	41	110	90	217	1	281001	310302	UNL E
6015	1730	1759	27,28	401	ND	926	345	281001	310302	UNL G
11840	1800	1829	46,47,48	104	145	206	1	281001	310302	UNL E
6110	1215	1315	27,28	406	290	106	1,7	151201	030102	RHM *
6110	1215	1315	27,28	119	295	216	1,7	040102	310302	RHM *
6125	0200	0259	7,8,9	119	295	216	4	151201	310302	RHM *
13810	1400	1559	38,39	103	115	217	1234567	281001	030102	TOM *
6110	1325	1725	27	406	290	106	123457	281001	030102	TOM *

6110	1325	1650	27	406	290	106	6	281001	030102	TOM	*
6110	1650	1725	27	118	300	216	6	151201	030102	TOM	
weekday*											
5975	0900	1459	27	406	290	106	1234567	040102	310302	TOM	*
6110	1500	1655	27	406	290	106	7	050102	310302	TOM	*
6110	1655	1800	27	118	300	216	7	120102	030102	TOM	
weekday*											
9490	0357	0559	47, 48, 52, 53	306	160	216	23456	281001	310302	RTB	
9490	0527	0559	47, 48, 52, 53	306	160	216	17	281001	310302	RTB	
17580	0600	0812	47, 48, 52, 53	303	160	216	23456	281001	310302	RTB	
17580	0600	1059	47, 48, 52, 53	303	160	216	7	281001	310302	RTB	
17580	0600	0906	47, 48, 52, 53	303	160	216	1	281001	310302	RTB	
21565	1057	1306	47, 48, 52, 53	301	160	216	23456	281001	310302	RTB	
21565	1100	1217	47, 48, 52, 53	301	160	216	7	281001	310302	RTB	
21565	1157	1217	47, 48, 52, 53	301	160	216	1	281001	310302	RTB	
17570	1557	1816	47, 48, 52, 53	301	160	216	123456	281001	310302	RTB	
17570	1657	1816	47, 48, 52, 53	301	160	216	7	281001	310302	RTB	
21590	0700	1200	38, 39	101	115	217	1234567	281001	310302	VOH	
15715	1200	1300	38, 39	102	115	217	1234567	051101	310302	VOH	
15715	1300	1500	38, 39	107	115	217	1234567	051101	310302	VOH	
15715	1500	1559	38, 39	102	115	217	1234567	051101	060102	VOH	*
15715	1500	1659	39, 40	107	115	217	1234567	070102	310302	VOH	*
15715	1600	1659	47, 48	106	130	217	1234567	281001	060102	VOH	*
13810	1600	1659	38, 47, 48	105	145	216	1234567	070102	310302	VOH	*
9405	1700	2000	38, 39	111	120	216	1234567	281001	310302	VOH	
15775	1330	1535	40, 41	110	90	217	1234567	281001	310302	VOH	
5975	0700	0900	27, 28	406	290	106	1234567	281001	310302	VOH	
9815	1700	1900	29, 30	208	80	218	1234567	151201	310302	VOH	
15750	1330	1430	49, 50	202	70	218	1234567	071101	310302	VOH	
11645	0400	0559	38, 48, 53	105	145	216	1234567	101201	310302	UMC	
9535	0400	0559	46, 47, 52, 53	302	160	216	1234567	281001	310302	UMC	
13820	1700	1859	38, 48, 53	105	145	217	1234567	281001	310302	UMC	
11735	1700	1859	46, 47, 52, 53	303	160	216	1234567	281001	310302	UMC	
13855	1600	1700	47, 48	105	145	216	1234567	281001	060102	YFR	*
13855	1700	1800	47, 48	106	145	216	1234567	281001	060102	YFR	*
13855	1600	1800	47, 48	106	145	216	1234567	070102	310302	YFR	*
13855	1800	2100	47, 48, 52, 53	302	160	216	1234567	281001	310302	YFR	
13820	1900	2200	46	307	200	216	1234567	171201	310302	YFR	weekday
9470	1700	1900	29, 30	202	60	218	1234567	091101	310302	YFR	
11925	1900	2000	39, 40	105	115	216	1234567	281001	310302	YFR	
9925	0000	0159	11-16	202	230	218	1234567	281001	310302	HRT	
9925	0200	0359	6-10	112	300	216	1234567	281001	310302	HRT	
9925	0400	0559	2-10	119	325	216	1234567	281001	310302	HRT	
9470	0600	0759	55, 59, 60	202	230	218	1234567	281001	310302	HRT	
13820	0800	0959	58, 59, 60	208	270	218	1234567	281001	310302	HRT	
FMO											
6140	0600	1555	27, 28	105	130	216	1234567	281001	310302	DWL	
6140	1555	1900	27, 28	105	130	216	1234567	281001	310302	DWL	weekday
6045	1127	1325	18S, 27, 28NW	401	ND	926	1234567	281001	310302DWL (RNW2)		
13685	0557	0756	27, 28, 37-40	103	115	217	1234567	281001	310302	VRT	
5985	0757	0826	27, 28	401	ND	926	1234567	281001	310302	VRT	
13710	1827	1956	27, 28, 37-39	103	115	217	1234567	281001	310302	VRT	
5910	1857	2056	27, 28	401	ND	926	7	281001	310302	VRT	
9885	0500	0600	28, 29, 38, 39	102	115	217	1234567	281001	310302	AWR	
11905	0600	0730	37, 38, 46	307	200	216	1234567	281001	310302	AWR	
15195	1000	1100	28, 38	106	145	216	17	281001	310302	AWR	
5840	1700	1759	28, 29, 38, 39	104	115	206	123456	281001	310302	AWR	
5840	1700	1759	28, 29, 38, 39	406	115	106	7	281001	310302	AWR	
12015	1800	1859	28, 29, 38, 39	107	115	217	1234567	281001	310302	AWR	
11845	1900	2030	37, 38, 46	406	200	106	1234567	281001	310302	AWR	
13635	0555	0800	37S, 38W, 46	308	200	216	1234567	281001	310302	SRI	
9885	0555	0800	37S, 38	302	160	216	1234567	281001	310302	SRI	
9605	1625	1815	28, 38E, 39	102	115	217	1234567	281001	310302	SRI	
13790	1625	1815	38, 39	103	115	217	1234567	281001	310302	SRI	
9605	1825	2130	37S, 38W, 46	308	200	216	1234567	281001	310302	SRI	
15485	1825	2130	38, 48, 53	106	145	217	1234567	281001	310302	SRI	
13660	1825	2130	47, 52, 53, 57	306	160	216	1234567	281001	310302	SRI	SOT
17665	0555	0800	47, 52, 53, 57	301	160	216	1234567	281001	310302	SRI	SOT
21770	0825	1030	47, 52, 53, 57	301	160	216	1234567	281001	310302	SRI	SOT
15555	1625	1815	38, 39, 48	106	145	217	1234567	281001	310302	SRI	SOT
9885	2155	2400	13-16	202	240	218	1234567	281001	310302	SRI	SOT

7340	1130	1200	28	111	105	216	7	281001	310302	TWR	
5945	1327	1345	28	104	130	206	1234567	281001	310302	TWR	
7315	1657	1745	28	402	125	218	7	281001	310302	TWR	an N
5945	1657	1745	28	104	115	206	7	281001	310302	TWR	
6180	1600	1659	39,40	205	70	211	1234567	151201	310302	IBB	
6055	1500	1600	29,30	111	75	216	1234567	281201	310302	IBB	*
7105	1600	1700	29,30	204	70	212	1234567	281201	310302	IBB	*
11720	1800	1829	39		115	217	56	281001	310302	FEB	1)

1) 250kW from Werrachtal

* changes

+ active on demand

momentary not active

AWR Adventist World Radio

CHW Christliche Wissenschaft

DTK Deutsche Telekom

DVB Democratic Voice of Burma

DWL Deutsche Welle

DLF Deutschlandfunk

DLR DeutschlandRadio

ECC Radio Ecclesia

EVR Evangeliums Radio Hamburg

FEB Far East Broadcasting Company, Philippines

HRT Hrvratska Radio Televizija

HLR Hamburger Lokalradio

IBB International Broadcast Bureau

IBR IBRA Radio Sweden

INF Inforadio

LRT Radio Vilnius Lithuania

MWH Missionswerk Heukelbach

RHM Remnants Hope Ministry

RNW Radio Netherlands World Service

RRP Radio Reveil Paroles de Vie

RSU Radio Sunshine

RTB Radio Television Belge de la communaute Francaise

SBO Sagalee Bilisummaa Oromoo

SRI Swiss Radio International

TBC Tamil Broadcasting Corporation

TIS Tigrean International Solidarity for Justice and Democracy

TOM The Overcomer Broadcast

TWR Trans World Radio

UMC The United Methodist Church

UNL Universelles Leben

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

VRT Vlaamse Radio en Televisie (ex RVI)

YFR WYFR Family Radio

(Ralf Weyl - German Telecom, via Rudolf Krumm, via WWDXC-HQ)

German language based **AWR - "Voice of Hope"** (in German "Stimme der Hoffnung") since January 1st until 3/30/2002 at shortwave via Moosbrunn, Austria. Postal Address: STIMME DER HOFFNUNG, Am Elfengrund 66, 64297 Darmstadt. Fax: +49-6151-954470. Homepage: <http://www.stimme-der-hoffnung.de/> Email: dxer@stimme-der-hoffnung.de :

0800-0830 9660 300kW

1600-1630 7135 300kW

Reception Reports to postal address: AWR - Europe, C.P. 383, 47100 Forli, Italy.

Fax: +39 05 43 76-8198, E-Mail: europa@awr.org.

(Lothar Klepp - Technical Service, via WWDXC-HQ; January 17, 2002)

ICELAND: According to the R&V - **Icelandic State Broadcasting Service** (the broadcasts are in Icelandic only, 20 kW), the SW relays of R&V newscasts were re-started on 22 Dec and have the following schedule.

To Europe (live):

1215-1300 on 13865

1755-1825 on 11402

to USA (recorded):

1410-1440 on 13860

1835-1905 on 13860

2300-2335 on 11402 (Bernd Trutenau via BC-DX #555, 2001 Dec 29)

ITALY: **AWR-Forli** transmissions closed down at 30 Dec. 2001. The low powered 2.5 kW station in Forli has been on the air since 1985. The decision to cease

broadcasting from the Forli site ultimately became inevitable after AWR began leasing airtime from two more powerful stations: Deutsche Telekom in Juelich (Germany) and ORF in Moosbrunn (Austria). (Anker Petersen in DXW via BC-DX #556, 2002 Jan 2)

LUXEMBOURG: *China Radio International - CRI* has appeared on the MW 1440 kHz transmissions of *Radio Luxembourg*, from 1900-2200. Announcements as heard by me on 1 Jan, before and between the language transmissions indicate that the 3-hour package is to be taken directly from Astra or Hotbird. (Paul David in DXLD via BC-DX #556, 2002 Jan 2)

LIBYA: *LJB - Voice* of Africa continues to use various new frequencies, and here's an updated monitored schedule as at Jan-10:

Idha-atu Jamahiriya Al Ovmaa/Radio Great Jamahiriya in Arabic:

1100-1230 17695 21630 21675 21695 // MW 1125
 1430-1630 17750 // MW 675 1125 1251
 1630-1800 15220^ 15615 15660 17525^ // MW 675 1125
 1800-1900 9415 11635 15615 15660 // MW 675 1125
 1900-2200 9415 11635 11715 11865* // MW 675 1125
 2200-2300 9415 9445 9485 11865^ // MW 675 1125

(^) irregularly on air / (*) 11865 co-ch VOA Dari 1900-1930 and RL Persian 2000-2100!

Koran Al Kerim/Holy Koran in Arabic:

1100-1400 17750 // MW 1251
 1630-1700 17750 only carrier // MW 1251
 1700-1800 17750 // MW 1251
 1830-2200 17750 // MW 1251
 2230-2300 17750 // MW 1251

Sout Africa/Voice of Africa in French/English:

1400-1430 17750 // MW 1251
 1800-1830 17750 // MW 1251
 2200-2230 17750 // MW 1251. (Radio Bulgaria Monitoring via EDXP #234; Jan-12, 2002)

MOROCCO: Revised B01 schedule for *RTV Morocco*, in Arabic:

0000-0500 7185 Tangier
 0900-1500 15340 Nador
 1100-1500 5335 Tangier
 1500-2200 15340 Nador
 2200-2400 7160 Tangier (OBSERVER via EDXP #231; Dec-23, 2001)

NIGERIA: Schedule of *Voice of Nigeria*. Postal address: Voice of Nigeria, PMB 40003, Falomo Post Office, Ikoyi, Lagos, Nigeria.

0500-1000 English 7255, 11770, 15120
 1000-1100 Hausa 7255, 11770, 15120
 1100-1400 Hausa 7255
 1100-1400 French 11770, 15120
 1400-1600 French 7255, 11770, 15120
 1600-1700 French 7255, 11770
 1600-1900 Arabic 15120
 1700-1900 Fulfulde 7255
 1700-1900 Swahili 11770
 1900-2300 English 15120 (CONEXION #140 via WWDXC-HQ, 6 Jan 2002)

OMAN: *OMAN Radio* Sultanate of Oman B01 schedule. Postal Address: R. Sultanate of Oman, P.O.Box 600, 113 Muscat, Oman.

0200-0300 Arabic 15355
 0200-0400 Arabic 6085
 0300-0400 English 15355
 0400-0600 Arabic 9515, 17590
 0600-1000 Arabic 17630
 0600-1400 Arabic 13640
 1400-1500 English 15140
 1400-1800 Arabic 15375

1500-1800 Arabic 15140
 1800-2000 Arabic 6190, 15355
 2000-2200 Arabic 6085
 2000-2300 Arabic 13640
 2300-0200 Arabic 9760

(Ramon Vazquez Dourado in CONEXION #134 via WWDXC-HQ, 25 Nov 2001)

RUSSIA: B01 schedule *Voice of Russia* Oct 28, 2001 - Mar 2, 2002 (updated on Dec.16):

0000-0100	Portuguese	9965	9810	9480	7570	7440	7410	7390	7350
		7310							
0100-0200	Spanish	9965	9860	9810	9480	7570	7440	7410	7390
		7350	7310	7180	7125				
0200-0300	English	13665	12020	9765\$	7335	7250	7180		
	Russian	17665	17595	17565	15595	12010	9810	9480	9385
		7260	7240	7125	1323	1215	648		
	Spanish	9965	9945	9860	7570	7440	7410	7390	7350
		7310							
0300-0400	English	13665	12020	7335	7250	7180			
	Russian	17665	17595	17565	15595	12010	9810	9480	9385
		7350	7260	7240	7125	1215			
0400-0500	English	17595	15595	13665	12020	12010	7330	7180	7125
		1548	693						
0500-0600	English	17595	15595	12020	12010	7330	7180	7125	
		1548	693						
0600-0700	English	21790	21485	17665	17655	15470	15275	12010	11770
		1323	693						
0700-0800	English	21790	21485	17665	17655	15470	15275	12010	11820
		11770	1323	693					
0800-0900	English	21810	21485	17665	17655	17525	17495	15470	15275
		12010	11820	11770	1323	1251	693		
0900-1000	English	21810	21485	17665	17525	17495	15470	15275	11820
		11770	1323	1251	693				
1000-1100	German	15540	12010	1386	1323	1215	693		
	Korean	11695	9450	7490U	7390	7355	7305	4010	1251
		648							
1100-1200	Chinese	9450	7490U	7390	7355	7340	7305	6170	6145
		5940	4010	1251	801	648	585		
1100-1300	German	1386	1323	1215	693				
1200-1300	Chinese	9470	7340	7305	6145	5940	1251	1080	801
		585							
	Japanese	7490U	7155	6170	5930	720	630		
	Korean	9450	7355	4010	648				
	Urdu	15490	12055	12025	11500	7350	972		
	Vietnamese	15470	6205	603					
1300-1400	Chinese	9470	7340	4010	1251	585			
	Hindi	12055	12025	11500	7350	1269			
	Japanese	7355	6170	5930	720	630			
	Mongolian	15550	7305	5940	4850	1080	801	209	
	Russian	15470	15460	12015	9490	9450	7170	7155	7105
		6185	6145						
		1323	1269	1251	1215	1143	999	693	648
1300-1500	Pashto/Dari	15535	11655	5995	4975	4965	4940	972	648
1400-1500	Chinese	9470	7340	6145	4010	1251	1080	801	585
	Russian	15470	15460	12015	9490	9450	7315	7155	6205
		5930	1323	1269	1251	1215			
	Russian	7105	6185	6045	1314	1278	1143	999	
		"Commonwealth"							
	Urdu	12055	12025	11500	7350	7305			
1500-1530	English	11500	7350	7315	7260	6205			
		1386	1323	1215	1143	693			
	Hindi	12055	12025	9900	7305	972			
1500-1600	Russian	7445	7170	6185	6045	5995			
		1278	1143	999	"Commonwealth"				

	Turkish	9830	9470	6005	1170				
1500-1700	Persian	9840	9360	7155	5925	648			
1530-1600	Bengali	12055	12025	9900	7305				
1530-1600	English	11500	7350	7315	7260	6205			
		1386	1323	1215	1143	972	693		
1600-1630	Albanian	9450	7370	7340	5920				
1600-1700	English	9830	7305	7260	6005	4975	4965	4940	
		1494	1251	972					
	German	7390	7380	7300	7290	7125	6145		
		1386	1323	1215	693				
	Russian	12030	7315	5890	1323	1314	1170	612	603
	Russian	12015	9470	7445	7440	7170	6185		
		1278	1143	"Commonwealth"					
1630-1800	Serbian	9450	7370	5920	1548	936			
1700-1800	Arabic	9840	9480	7130	6090	6005	5925	1314	1170
	English	9830	9470	7260	5890	1269	648		
	French	11510	9875	9865	7440	7360	7335	6145	6130
		5975							
	German	9775	7340	7300	7290	7125	1386	1323	1215
		693							
	Romanian	7390	7380	999					
1700-1800	Russian	7445	7170	7155	6185	6045			
		1143	1278	"Commonwealth"					
1800-1830	Finnish	6175	5940	1494	Mon to Fri				
1800-1845	Hungarian	7380	7310	6030	1170				
1800-1830	Arabic	9480	7390	6090	5925	1314	1170		
	French	9875	9470	7440	6145	6130	5975		
1800-1900	Bulgarian	5920	936	621					
	English	11510	9830	9775	7340	7335	7260		
		6175*	5940*	1494*	1251				
	German	7300	7290	1386	1323	1215	693		
	Italian	9450	7420	7370					
	Polish	7125	1143						
	Russian	7360	5950	648	171				
	Russian	7445	7170	7155	6185	6045	1278	"Commonwealth"	
1830-1900	Arabic	9480	7390	7130	6090	5925	1314	1170	
	French	9875	9470	7440	7230	6145	6130	5975	
	Norwegian	6175	5940	1494	Tue/Thu				
	Swedish	6175	5940	1494	Mon/Wed/Fri				
1845-1930	Czech	7380	7310	6030	1170				
1900-2000	Arabic	7390	7130	6090	5925	1314			
	English	11510	9875	9775	7440	7360	7340		
		7335	6175	5950	5940				
	French	9470	7420	7230	6145	6130	5975		
	German	7300	1386	1323	1215	693			
	Greek	9830	9450	5920	936	621			
	Russian	7445	7170	6185	6045	1143	1278	1089	
		"Commonwealth"							
1930-2000	Slovak	7380	7310	6030	1170				
2000-2030	Albanian	9775	7360	936	621				
	English	15735	7390	7340	6175	5950	5940	1386	
	Russian	7445	7380	7355	7310	7170	6145	6045	
		1215	1143	1089	612	603			
2000-2100	French	9480	9470	7420	7300	7230	6130	5975	1323
2030-2100	Bulgarian	6000	936	621					
	English	15735	9775	7390	7340	6175	5950	5940	1548
		1386							
	Russian	7445	7380	7360	7355	7310	7170	6145	6045
		1215	1143	1089	612	603			
2100-2130	French	7230\$							
	Portuguese	7360	6145						
2100-2200	English	15735	7390	7340	7300	6175	5950	5940	
		1494	1386	1323					
	Russian	9480	9470	7445	7370	7355	6045		
		1215	1089	999	693	603			

2100-2230 Serbian 6000 1548
 2130-2200 Spanish 7360 6145
 2200-2300 Russian 1323 612 "Commonwealth"

*=Sat/Sun \$=via Vatican Relay

(Observer - Ivo Ivanov and Angel Datzinov, via BC-DX #554, 2001 Dec 19)

Radiostantsiya Tikhyy Okean has eliminated its SW 7175, LW 234-Magadan & 243-Vladivostok from this year. Only 810 kHz-Vladivostok has been used. Opening announcement is not changed and describes itself as "program for fishermen, seamen & all the people living in Far East Russia", but now, as a matter of fact, the program seems only for Vladivostok. (Oguma Hironao via WDXC-HQ; January 14, 2002)

Voice of Russia relay via shortwave transmitters of Russia, valid 10/28/2001 - 03/02/2002:

CRR-1 (Moscow)	15460 1300-1500 250 140°
5975 1700-2100 250 ?	TCR-4 (Krasnodar)
6045 1400-2200 250 ?	5925 1500-2000 100 155°
6130 1700-2100 250 ?	5940 1800-2200 500 315°
6145 1600-2100 250 ?	6005 1500-1800 100 190°
7290 1600-2100 250 ?	7250 0200-0300 500 315°
7310 0000-0300 250 ?	7260 0200-0400 500 290°
7340 1700-2200 250 ?	7300 1600-2200 250 290°
7360 1700-2200 250 ?	9810 0000-0400 500 275°
7390 1600-2200 250 ?	9860 0100-0300 500 290°
7410 0000-0300 500 ?	9865 1700-1800 500 190°
7440 1600-2000 250 ?	12025 1200-1600 500 105°
7440 0000-0300 500 ?	15535 1300-1500 500 105°
9470 1500-1800 250 ?	15540 1000-1100 250 290°
9470 1830-2200 250 ?	CRR-8 (Khabarovsk)
9480 1700-2200 250 ?	6145 1100-1500 100 220°
9775 1700-2100 250 ?	7340 1100-1500 100 220°
9830 1500-2000 250 ?	7490 1000-1300 080 065°
12055 1200-1600 500 ?	12020 0200-0600 100 040°
15470 1200-1500 250 ?	15275 0600-1000 100 175°
15490 1200-1300 250 ?	15470 0600-1000 100 175°
CRR-2 (S.Petersburg)	CRR-8 (Komsomolsk-na-Amure)
6030 1800-2000 400 220°	7155 1200-1500 250 180°
6090 1700-2000 200 215°	12010 0200-0600 250 035°
7130 1700-1800 400 145°	17665 0600-1000 250 180°
7130 1830-2000 400 145°	CRR-10 (Irkutsk)
7230 1830-2100 400 215°	5995 1300-1900 100 265°
7340 1600-1630 200 215°	6185 1300-1900 100 265°
7350 0000-0400 800 270°	7355 1000-1400 100 110°
7370 1600-2200 400 215°	17655 0600-0900 500 150°
9480 0000-0400 800 270°	21790 0600-0800 250 150°
9840 1500-1800 400 145°	CRR-11 (Novosibirsk)
12030 1600-1700 400 145°	7170 1500-2100 500 295°
CRR-2 (Kaliningrad)	7305 1000-1400 200 110°
5920 1600-2000 160 205°	7305 1400-1700 500 180°
5950 1800-2200 160 245°	9450 1000-1500 200 110°
7445 1500-2200 160 120°	9470 1200-1400 200 110°
12010 1000-1100 320 205°+245°	9490 1300-1500 500 145°
CRR-3 (Samara)	11695 1000-1100 200 110°
5935 1500-1800 250 175°	Ekarerinburg Radio Centre
5935 1900-2000 250 175°	7125 1600-1900 200 280°
6000 1800-2230 200 245°	7310 1800-2100 200 265°
6175 1800-2200 200 310°	7380 1600-2100 200 265°
7215 1800-2000 250 285°	9450 1600-2000 200 265°
7320 1700-2000 200 245°	15550 1300-1400 200 100°
7330 1600-1900 200 245°	Vladivostok Radio Centre
7390 0000-0300 500 285°	4010 1000-1500 100 210°
7420 1800-2100 200 265°	5930 1200-1500 100 140°
9875 1400-1600 250 140°	5940 1100-1400 100 260°
9900 1300-1600 250 140°	7330 0200-0600 500 050°

Petropavlovsk-Kamchatskiy Radio Centre	5890 1600-1800
6170 1200-1400 100 245°	7355 2000-2200
7260 1500-1900 250 065°	11770 0600-1000
7390 1000-1200 100 245°	11820 0700-1000
13665 0200-0500 250 065°	12010 0600-0900
15595 0200-0600 100 065°	17665 0200-0400
17565 0200-0400 100 065°	21485 0600-1000
17595 0200-0600 250 065°	21810 0800-1000

Transmitters with unknown location

(Nikolai Rudnev / Mauno Ritola in RUS-DX #102-A via Anatoly Klepov; January 03, 2002)

SLOVAKIA: Time and frequency schedule from October 25, 2001 to March 31, 2002 of **Radio Slovakia International - RSI**. Send e-mail to englishsection@slovakradio.sk

0100-0130				1630-1700			
North America	English	5930		Western Europe	Slovak	5915	
Central America	English	7230		Western Europe	Slovak	6055	
South America	English	9440		Western Europe	Slovak	7345	
0130-0200				1700-1730			
North America	Slovak	5930		Western Europe	German	5915	
Central America	Slovak	7230		Western Europe	German	6055	
South America	Slovak	9440		Western Europe	German	7345	
0200-0230				1730-1800			
North America	French	5930		Western Europe	English	5915	
Central America	French	7230		Western Europe	English	6055	
South America	French	9440		Western Europe	English	7345	
0700-0730				1800-1830			
Australia	English	21705		Western Europe	French	5920	
Australia	English	15460		Western Europe	French	6055	
Australia	English	17550		Western Europe	French	7345	
0730-0800				1830-1900			
Australia	Slovak	21705		Eastern Europe, Asia	Russian	5915	
Australia	Slovak	15460		Eastern Europe, Asia	Russian	6055	
Australia	Slovak	17550		Eastern Europe, Asia	Russian	9485	
0800-0830				1900-1930			
Western Europe	German	5915		Western Europe	German	5915	
Western Europe	German	6055		Western Europe	German	6055	
Western Europe	German	7345		Western Europe	German	7345	
1400-1430				1930-2000			
Eastern Europe, Asia	Russian	9440		Western Europe	English	5915	
Eastern Europe, Asia	Russian	11990		Western Europe	English	6055	
Eastern Europe, Asia	Russian	13715		Western Europe	English	7345	
1430-1500				2000-2030			
Western Europe	German	6055		Western Europe	Slovak	5915	
Western Europe	German	7345		Western Europe	Slovak	6055	
Western Europe	German	9450		Western Europe	Slovak	7345	
1600-1630				2030-2100			
Eastern Europe, Asia	Russian	5915		Western Europe	French	5915	
Eastern Europe, Asia	Russian	9535		Western Europe	French	6055	
Eastern Europe, Asia	Russian	11990		Western Europe	French	7345	

(RSI Webpage last-modified at 12 Dec 2001, via JKB)

USA: Transmission schedule period A01 for **Voice of America - VOA, Radio Liberty - RL, Radio Free Europe - RFE, Radio Marti - OCB** and relay of other stations, given by the International Broadcasting Bureau (IBB).

kHz	Start	Stop	Prog	Lang	Tx	Azi	Days							
612	0400	0600	RL	BR	VLN	999		792	1900	1930	VOA	TURK	KAV	105
								792	1930	2000	VOA	TURK	KAV	105
612	1400	1530	RL	BR	VLN	999		792	2000	2030	RFE	KO	KAV	330
612	1600	2200	RL	BR	VLN	999		792	2030	2100	VOA	SERB	KAV	330
648	1300	1400	VOA	KORE	USS	230		792	2100	2230	ERT	VAR	KAV	999
756	0530	0600	VOA	CROA	LUG	190		792	2230	2300	VOA	BOSN	KAV	330
756	2200	2230	VOA	SERB	LUG	190		792	2300	0000	ERT	VAR	KAV	999
792	0500	0530	VOA	ENGL	KAV	015		864	0100	0200	RL	UZ	ERV	180
792	0530	0600	VOA	CROA	KAV	330		864	0200	0300	RL	TU	ERV	180
792	0600	0700	VOA	ENGL	KAV	015		864	1530	1600	RL	TU	ERV	180
792	0900	1800	ERT	VAR	KAV	999		909	0300	0630	VOA	ENGL	BOT	198
792	1800	1830	VOA	SERB	KAV	330		909	0630	0700	VOA	ENGL	BOT	198

909	1600	1730	VOA	ENGL	BOT	198		1575	1700	1800	VOA	ENGL	BAK	145	12345
909	1730	1800	VOA	EEPP	BOT	198		1575	2200	2230	VOA	KHME	BAK	145	
909	1800	2200	VOA	ENGL	BOT	198		1575	2230	0000	VOA	TTEE	BAK	145	
909	2200	2230	VOA	ENGL	BOT	198	12345	1580	0100	0200	VOA	SPAN	BLZ	148	
972	1800	1900	VOA	FARS	DUS	230		1580	0200	0400	VOA	ENGL	BLZ	148	
1143	1100	1200	VOA	CHIN	PHP	332		1580	0400	0500	VOA	ENGL	BLZ	148	71
1143	1200	1230	VOA	ENGL	PHP	332		4760	0100	0200	RL	TA	DUS	045	
1143	1300	1330	VOA	VIET	PHP	262		4760	1630	1700	RL	TA	DUS	045	
1143	1330	1400	VOA	CANT	PHP	332		4950	1900	2030	VOA	ENGL	SAO	030	
1143	1400	1500	VOA	ENGL	PHP	332		4950	2030	2100	VOA	EEHA	SAO	030	
1143	1500	1600	VOA	CANT	PHP	332		4960	0300	0330	VOA	ENGL	SAO	030	12345
1143	1600	1700	VOA	ENGL	PHP	332		4960	0500	0530	VOA	HAUS	SAO	030	
1143	1700	1800	VOA	ENGL	PHP	332	12345	4960	0530	0630	VOA	FREN	SAO	030	12345
1188	0400	0500	RL	BR	MAR	999		5005	1500	1700	RL	KA	DUS	045	
1188	0630	0700	VOA	SERB	MAR	999		5005	1500	1700	RL	KA	DUS	045	
1188	1700	1800	RFE	SC	MAR	999		5035	0200	0300	RL	KY	DUS	045	
1188	1800	1830	VOA	SERB	MAR	999		5745	1000	1100	VOA	ENGL	GA	145	
1188	1830	2000	RFE	SC	MAR	999		5865	0000	0400	ERT	VAR	KAV	355	
1188	2000	2130	RL	BR	MAR	999		5890	0430	0500	VOA	PORT	GA	094	
1188	2130	2200	RFE	SC	MAR	999		5890	0530	0630	VOA	FREN	GA	094	12345
1188	2200	2230	VOA	SERB	MAR	999		5905	2200	2300	VOA	CHIN	IRK	152	
1188	2230	0100	RFE	SC	MAR	999		5955	0000	0100	RL	RU	LAM	075	
1197	0330	0430	RFE	SC	MUN	115		5955	0300	0600	RL	RU	BIB	063	
1197	0530	0600	VOA	CROA	MUN	115		5955	1330	1430	VOA	KHME	PHT	275	
1197	0600	0630	VOA	ENGL	MUN	115		5955	1430	1500	VOA	BURM	PHT	275	
1197	0630	0700	VOA	SERB	MUN	115		5955	1500	1600	VOA	VIET	PHT	275	
1197	0700	1600	VOA	ENGL	MUN	999		5955	2000	2100	RL	RU	LAM	055	
1197	1600	1630	VOA	BOSN	MUN	999	12345	5955	2100	0000	RL	RU	KAV	105	
1197	1630	1700	VOA	ENGL	MUN	999		5965	0200	0400	RL	AB	KAV	108	
1197	1700	1800	RFE	SC	MUN	115		5965	0400	0600	VOA	ARAB	KAV	108	
1197	1800	1830	VOA	SERB	MUN	115		5965	1000	2000	VOA	ENGL	BIB	105	12345
1197	1830	1930	VOA	ENGL	MUN	115		5970	0500	0630	VOA	ENGL	SAO	020	
1197	1930	2000	VOA	CROA	MUN	115		5970	0630	0700	VOA	ENGL	SAO	020	67
1197	2000	2030	VOA	ENGL	MUN	115		5970	1700	1730	VOA	ALBA	WOF	102	
1197	2030	2100	VOA	MACE	MUN	115	12345	5975	0430	0500	VOA	PORT	BOT	010	
1197	2100	2200	VOA	ENGL	MUN	115		5980	0700	1000	OCB	SPAN	DL	100	234567
1197	2200	2230	VOA	SERB	MUN	115		5980	1000	1300	OCB	SPAN	DL	100	
1197	2230	2300	VOA	BOSN	MUN	115	12345	5985	0000	0200	RL	RU	KAV	026	
1197	2300	0100	RFE	SC	MUN	115		5985	0200	0400	RL	UZ	LAM	075	
1215	0600	0630	VOA	ALBA	DUR	999		5985	1000	1200	VOA	ENGL	DL	272	
1260	0400	0600	VOA	ARAB	RHO	134		5985	1300	1400	VOA	KORE	UDO	038	
1260	0600	0700	VOA	ENGL	RHO	134		5985	1800	1900	RL	UK	BIB	088	
1260	1000	1500	ERT	VAR	RHO	134		5985	2100	2130	VOA	FREN	WOF	160	12345
1260	1500	1700	VOA	ENGL	RHO	134		5990	1700	1800	VOA	ENGL	UDO	030	12345
1260	1700	2100	VOA	ARAB	RHO	134		5995	0000	0300	VOA	ENGL	MOR	067	
1260	2100	2200	VOA	ENGL	RHO	134		5995	0000	0200	VOA	ENGL	GA	174	23456
1260	2200	2230	ERT	VAR	RHO	134		5995	0300	0345	BBC	SPAN	DL	125	
1260	2230	0030	VOA	ENGL	RHO	134		5995	0345	0400	BBC	SPAN	DL	125	23456
1314	0300	0400	RL	AB	ERV	999		5995	0400	0430	VOA	KNKR	ASC	085	
1314	1400	1600	RL	AB	ERV	999		5995	0430	0500	VOA	PORT	ASC	102	
1395	0530	0600	VOA	CROA	DUR	330		5995	0600	0700	VOA	ENGL	MOR	099	
1458	0630	0700	VOA	SERB	DUR	338		6010	0400	0430	RFE	RO	BIB	105	12345
1458	1930	2000	VOA	ALBA	DUR	030		6010	2000	2200	RL	BR	LAM	056	
1530	0100	0200	VOA	SPAN	BLZ	228		6015	0000	0300	VOA	ENGL	MOR	084	
1530	0200	0400	VOA	ENGL	BLZ	228		6015	0000	0100	VOA	TIBE	UDO	324	
1530	0300	0430	VOA	ENGL	SAO	040		6015	1400	1500	VOA	TIBE	UDO	321	
1530	0400	0500	VOA	ENGL	BLZ	228	71	6025	2200	2300	VOA	CHIN	PHT	332	
1530	0430	0500	VOA	PORT	SAO	040		6030	0100	0130	VOA	URDU	KAV	105	
1530	0500	0530	VOA	HAUS	SAO	040		6030	0400	1000	OCB	SPAN	GA	200	234567
1530	0530	0600	VOA	FREN	SAO	040	12345	6030	0400	0430	RFE	RO	MOR	059	12345
1530	0600	0630	VOA	ENGL	SAO	040		6030	0600	0630	VOA	ALBA	BIB	126	
1530	0630	0700	VOA	ENGL	SAO	040	67	6030	1000	1200	OCB	SPAN	DL	100	
1530	1600	1700	VOA	ENGL	SAO	040		6030	1230	1300	VOA	LAO	UDO	042	
1530	1700	1800	VOA	PORT	SAO	040		6030	1500	1600	VOA	CANT	PHT	332	
1530	1800	1830	VOA	PORT	SAO	040	12345	6030	2200	0400	OCB	SPAN	GA	200	
1530	1830	2000	VOA	FREN	SAO	040		6035	0200	0300	VOA	DARI	DUS	180	
1530	2000	2200	VOA	ENGL	SAO	040		6035	0300	0400	VOA	ENGL	BOT	350	
1530	2200	2230	VOA	ENGL	SAO	040	12345	6035	0500	0630	VOA	ENGL	GB	094	
1548	0030	0100	VOA	ENGL	KWT	323		6035	0630	0700	VOA	ENGL	GB	094	67
1548	0100	0200	VOA	ENGL	KWT	323		6035	0630	0700	VOA	SERB	BIB	126	
1548	0200	0300	RL	AB	KWT	323		6035	1600	1700	VOA	ENGL	SAO	335	
1548	0300	0400	VOA	FARS	KWT	016		6035	1800	2200	VOA	ENGL	SAO	335	
1548	0400	0600	VOA	ARAB	KWT	323		6035	2200	2230	VOA	ENGL	SAO	335	12345
1548	1400	1500	VOA	ENGL	KWT	080		6040	1130	1145	RTG	LAO	UDO	030	
1548	1500	1530	VOA	ARAB	KWT	323		6040	1145	1200	RTG	BURM	UDO	284	
1548	1530	1600	VOA	ARAB	KWT	323		6040	1700	1900	VOA	ENGL	MOR	075	
1548	1600	1630	VOA	ARAB	KWT	323		6040	1900	2100	VOA	ARAB	KAV	105	
1548	1630	1700	VOA	ARAB	KWT	323		6040	2100	2200	VOA	ENGL	KAV	104	
1548	1700	1900	VOA	FARS	KWT	016		6045	0000	0100	VOA	CHIN	UDO	030	
1548	1900	2100	VOA	ARAB	KWT	323		6045	0730	0830	VOA	ARAB	MOR	075	
1548	2100	2200	RL	AB	KWT	323		6045	1700	1800	VOA	ENGL	PHT	021	12345
1548	2200	0030	VOA	ENGL	KWT	323		6045	2200	2300	VOA	CHIN	UDO	030	
1575	0000	0030	VOA	ENGL	BAK	145		6045	2300	0000	VOA	ENGL	UDO	030	
1575	0030	0100	VOA	ENGL	BAK	145		6050	0100	0200	RL	TA	LAM	075	
1575	1030	1100	RTG	THAI	BAK	145		6050	0200	0330	RL	TA	LAM	075	
1575	1100	1130	VOA	TTEE	BAK	145		6050	0330	0400	RL	TA	LAM	075	
1575	1130	1200	VOA	BURM	BAK	145		6050	1930	2000	VOA	CROA	WOF	105	
1575	1200	1230	RTG	THAI	BAK	145	12345	6055	1500	1600	RL	KA	JUL	108	
1575	1230	1300	VOA	LAO	BAK	145		6060	1000	1300	OCB	SPAN	DL	116	
1575	1300	1330	VOA	VIET	BAK	145		6060	1630	1700	VOA	HIND	UDO	300	
1575	1330	1430	VOA	KHME	BAK	145		6060	2000	2100	VOA	ARAB	KAV	104	
1575	1430	1500	VOA	BURM	BAK	145		6060	2130	2200	VOA	KORE	PHT	021	
1575	1500	1530	VOA	TTEE	BAK	145		6060	2200	2230	VOA	KHME	PHT	270	
1575	1530	1600	VOA	ENGL	BAK	145		6060	2230	2330	VOA	VIET	PHT	270	
1575	1600	1700	VOA	BANG	BAK	145		6080	0300	0500	VOA	ENGL	SAO	138	

6080	0500	0630	VOA	ENGL	SAO	335		7145	0430	0500	VOA	PORT	SAO	124
6080	0630	0700	VOA	ENGL	SAO	335	67	7145	1300	1315	RTG	JAPA	UDO	054
6095	0030	0100	VOA	HIND	MOR	067		7145	1315	1330	RTG	MAND	UDO	030
6095	0100	0200	RL	RU	HOL	059		7145	1330	1400	RTG	THAI	UDO	054
6095	2000	2200	VOA	ENGL	KAV	051		7150	1500	1600	VOA	VIET	PHT	275
6095	2200	2300	RL	RU	LAM	055		7155	0300	0400	RL	RU	KAV	051
6095	2300	0000	RL	RU	HOL	059		7155	1830	2000	RFE	SC	LAM	120
6100	1130	1200	VOA	BURM	UDO	268		7155	2300	0200	RL	RU	KAV	026
6105	0000	0300	VOA	ENGL	MOR	083		7160	1300	1330	RL	KY	UDO	316
6105	0300	0400	RL	RU	HOL	059		7160	2200	0000	RTM	ARAB	MOR	027
6105	0400	0500	RL	RU	KAV	026		7165	0530	0600	VOA	CROA	MOR	059
6105	0500	0600	RL	GE	KAV	051		7165	1600	1630	RFE	RO	BIB	105
6105	1600	1800	RL	RU	LAM	055		7165	1700	1730	RFE	RO	BIB	105
6105	1800	2000	VOA	RUSS	HOL	059		7165	1730	1800	RFE	RO	BIB	105
6105	2000	2300	RL	RU	HOL	059		7165	1900	2000	RFE	RO	BIB	105
6110	1100	1130	BBC	SPAN	GA	200	12345	7165	2100	2200	RFE	SC	BIB	105
6110	1100	1300	VOA	ENGL	PHT	200		7170	0400	0700	VOA	ENGL	WOF	182
6110	1300	1500	VOA	ENGL	PHT	270		7170	0730	0830	VOA	ARAB	WOF	158
6110	1500	1600	VOA	ENGL	PHT	270		7175	0100	0130	VOA	URDU	KAV	105
6110	1600	1800	VOA	ENGL	PHT	270		7175	0200	0400	RL	AB	KAV	104
6115	1800	1830	VOA	SERB	BIB	126		7175	1900	2000	RL	FA	BIB	085
6115	2300	0100	RFE	SC	LAM	120		7175	2100	2200	RFE	SC	BIB	126
6120	0500	0530	VOA	HAUS	SAO	000		7180	1800	1900	VOA	ARAB	WOF	182
6120	0530	0630	VOA	FREN	SAO	112	12345	7180	2000	2030	RFE	KO	BIB	126
6125	0430	0500	VOA	PORT	BOT	350		7180	2030	2100	VOA	SERB	BIB	126
6125	0600	0630	VOA	ALBA	WOF	105		7185	0000	0500	RTM	ARAB	MOR	075
6125	0630	0700	VOA	SERB	WOF	105		7190	0000	0200	VOA	CHIN	UDO	030
6130	0000	0200	VOA	ENGL	GA	145	23456	7190	0200	0400	RL	UZ	LAM	075
6130	0300	0400	RL	AR	MOR	067		7190	0500	0600	RL	RU	HOL	059
6130	1100	1130	BBC	SPAN	DL	115	12345	7190	0600	0700	RL	RU	HOL	059
6130	1300	1330	BBC	SPAN	DL	126	12345	7190	1600	1800	RL	BR	BIB	063
6130	1400	1700	RL	AB	KAV	108		7190	2100	2130	VOA	UKRA	WOF	075
6135	0000	0100	RL	KA	HOL	059		7195	0000	0100	VOA	ENGL	KAV	105
6135	0200	0300	RL	KA	KAV	051		7195	1900	2100	VOA	ARAB	WOF	182
6135	0400	0600	BBC	ENGL	DL	121		7195	2200	2230	VOA	SERB	WOF	105
6140	0400	0600	RL	BR	LAM	055		7200	0000	0100	VOA	TIBE	UDO	324
6140	1900	2000	RL	BR	BIB	063		7200	0100	0300	VOA	ENGL	KAV	105
6140	2000	2100	RL	TB	LAM	055		7200	0300	0500	VOA	FARS	KAV	105
6140	2100	2300	RL	AB	MOR	019		7205	1800	2100	VOA	ARAB	KAV	108
6150	1800	1900	RL	BR	BIB	063		7215	0030	0100	VOA	ENGL	PHX	285
6150	1900	2000	RL	FA	DUS	264		7215	1130	1230	VOA	INDO	PHT	200
6160	0200	0300	RL	TU	MOR	067		7215	1230	1300	VOA	LAO	PHT	255
6160	1100	1500	VOA	CHIN	PHT	332		7215	2200	0030	VOA	ENGL	PHX	285
6160	1600	1700	VOA	KURD	MOR	067		7220	0000	0200	RL	RU	KAV	051
6160	1700	1900	VOA	FARS	KAV	105		7220	0400	0600	RL	RU	LAM	055
6160	1900	2000	VOA	TURK	KAV	104		7220	0600	0800	RL	RU	LAM	055
6160	2000	2100	VOA	ARAB	KAV	240		7220	1300	1400	RL	RU	LAM	055
6160	2100	0000	VOA	ENGL	KAV	112		7220	1500	1600	RL	RU	LAM	055
6170	0000	0100	RL	FA	KAV	100		7220	1600	1700	RL	RU	LAM	055
6170	0100	0130	VOA	PASH	KAV	100		7220	1700	1800	RL	RU	LAM	055
6170	0130	0200	VOA	PASH	KAV	100		7220	1800	2000	VOA	RUSS	KAV	026
6170	0200	0230	VOA	DARI	KAV	100		7220	2000	2300	RL	RU	KAV	026
6170	0230	0300	VOA	DARI	KAV	100		7220	2300	0000	RL	RU	LAM	055
6170	0400	0500	RL	UK	LAM	075		7235	2300	0200	RL	RU	LAM	075
6170	0500	0600	VOA	UKRA	LAM	075		7240	1600	1700	VOA	KURD	KAV	105
6170	0600	0700	RL	UK	LAM	075	12345	7245	0300	0400	RL	RU	KAV	026
6170	1400	1430	VOA	PASH	DUS	180		7245	0400	0500	RL	UK	LAM	075
6170	1830	1900	VOA	AZER	MOR	067		7245	0500	0600	VOA	UKRA	LAM	075
6170	1930	2000	VOA	CROA	WOF	102		7245	0600	0700	RL	UK	LAM	075
6170	2000	2200	RL	BR	BIB	063		7245	1700	1800	RFE	SC	BIB	105
6180	0530	0600	VOA	CROA	BIB	105		7245	1930	2000	VOA	CROA	MOR	059
6180	1600	1700	RL	UZ	JUL	108		7245	2000	2100	RL	TB	LAM	055
6185	2330	0000	VOA	BURM	UDO	268		7255	0000	0100	VOA	TIBE	KAV	105
6873	0700	0730	VOA	ENGL	GA	045	6	7255	0100	0300	VOA	ENGL	MOR	083
7105	0200	0300	RL	AB	KAV	105		7255	0300	0400	RL	RU	HOL	059
7105	0300	0400	VOA	ENGL	ASC	100		7255	0400	0500	RL	TB	HOL	059
7105	0500	0530	VOA	HAUS	SAO	020		7255	1130	1230	VOA	INDO	UDO	144
7105	1600	1700	RL	KA	JUL	108		7255	1500	1600	VOA	CANT	PHT	332
7105	1700	1800	VOA	ARAB	KAV	108		7260	1530	1630	VOA	DARI	UDO	300
7110	0300	0400	RL	AB	KAV	105		7260	1700	1800	RL	UZ	LAM	075
7110	1500	1515	BBC	CROA	BIB	126	12345	7260	1900	1930	VOA	DARI	UDO	308
7110	2130	2200	VOA	KORE	UDO	038		7260	2200	2230	VOA	KHME	IRA	073
7115	0000	0100	RFE	SC	MOR	059		7260	2230	2330	VOA	VIET	IRA	073
7115	0100	0200	VOA	ENGL	KAV	092		7260	2330	0000	VOA	BURM	IRA	057
7115	0200	0300	VOA	ENGL	KAV	051		7265	0530	0630	VOA	FREN	MOR	180
7115	0400	0600	VOA	ARAB	KAV	104		7265	2000	2200	RL	RU	PHT	021
7115	0630	0700	VOA	SERB	MOR	059		7270	1600	1700	RL	KY	UDO	311
7115	1400	1500	VOA	RUSS	LAM	055		7270	1830	1900	VOA	PASH	UDO	308
7115	1600	1700	RL	GE	WOF	090		7275	0100	0200	RL	TA	KAV	096
7115	1700	1800	RFE	SC	MOR	059		7275	0200	0330	RL	TA	LAM	075
7115	1800	1900	RL	UK	BIB	085		7275	0330	0400	RL	TA	LAM	075
7115	1930	2000	VOA	ALBA	MOR	067		7280	1600	1700	VOA	BANG	PHT	275
7115	2300	0000	RFE	SC	MOR	059		7280	1730	1800	VOA	HIND	IRA	356
7120	0300	0400	RL	AR	LAM	092		7280	1800	2000	RL	BR	LAM	055
7125	1400	1800	VOA	ENGL	UDO	284		7280	2000	2300	RL	FA	MOR	019
7130	2200	2330	VOA	INDO	UDO	154		7285	1000	1100	RTG	THAI	UDO	136
7130	2330	0000	VOA	ENGL	UDO	154		7285	1100	1115	RTG	VIET	UDO	144
7135	0030	0100	VOA	HIND	IRA	356		7285	1115	1130	RTG	KHME	UDO	144
7135	1500	1530	VOA	HAUS	SAO	000		7290	0300	0500	VOA	ENGL	SAO	100
7140	2100	2200	VOA	ENGL	KAV	105		7290	1400	1500	VOA	TIBE	UDO	311
7140	2200	2300	VOA	CHIN	UDO	030		7290	1700	1800	VOA	PORT	SAO	138
7140	2300	0000	VOA	ENGL	UDO	030		7290	1800	1830	VOA	PORT	UDO	256
7145	0000	0100	RL	KA	HOL	059		7290	2200	0000	VOA	ENGL	KAV	105
7145	0100	0200	VOA	PASH	LAM	088		7295	0100	0200	RL	KY	LAM	075
7145	0200	0300	RL	KA	KAV	051		7295	0200	0300	RL	TU	MOR	067

7295	0500	0630	VOA	ENGL	MOR	172		9600	2000	2030	RFE	KO	MOR	059	
7295	0630	0700	VOA	ENGL	MOR	172	67	9600	2030	2100	VOA	SERB	MOR	059	
7295	1500	1530	VOA	UZBE	UDO	316		9615	0400	0500	RL	TB	HOL	059	
7340	0300	0330	VOA	ENGL	BOT	010		9615	0530	0600	VOA	CROA	MOR	059	
7340	0330	0400	VOA	KNKR	BOT	010		9615	0730	0830	VOA	ARAB	KAV	240	
7340	0400	0430	VOA	KNKR	BOT	010		9615	1300	1400	RL	RU	HOL	077	
7365	0000	0400	OCB	SPAN	GB	164		9615	1400	1500	VOA	RUSS	LAM	075	
7365	0700	1000	OCB	SPAN	DL	100	234567	9615	1600	1800	RL	BR	BIB	063	
7370	0430	0500	VOA	PORT	GB	094		9615	1900	2000	VOA	ARAB	KAV	172	
7370	0530	0630	VOA	FREN	GA	094	12345	9620	2000	2200	RL	RU	UDO	014	
7370	1000	1100	VOA	ENGL	GA	146		9620	2200	2330	VOA	INDO	UDO	166	
7390	1300	1500	VOA	CHIN	NOV	111		9620	2330	0000	VOA	ENGL	UDO	166	
7405	0000	0130	VOA	ENGL	GB	172	23456	9625	0000	0100	RL	KA	KAV	095	
7405	0130	0200	VOA	ENGL	GB	172	23456	9625	0200	0300	RL	KA	UDO	324	
7405	0300	0400	OCB	SPAN	GA	205		9625	1500	1700	RFE	BU	BIB	105	
7405	0400	1000	OCB	SPAN	GA	205	234567	9625	1700	1800	RL	UZ	MOR	059	
7405	1200	1400	OCB	SPAN	GA	200		9625	1800	1900	RL	UK	BIB	088	
7415	0300	0500	VOA	ENGL	BOT	010		9625	1930	2000	RFE	SC	WOF	102	
7415	1900	2200	VOA	ENGL	BOT	010		9625	2030	2100	VOA	SERB	MOR	059	
7415	2200	2230	VOA	ENGL	BOT	010	12345	9635	0400	0600	RL	BR	MOR	043	
7475	1900	2100	ERT	VAR	KAV	355		9635	0600	0630	VOA	ALBA	MOR	059	
9420	1200	1900	ERT	VAR	KAV	355		9635	1130	1145	BBC	SERB	BIB	126	
9420	2100	2300	ERT	VAR	KAV	105		9635	1300	1400	RL	UZ	KAV	051	
9435	0300	0500	VOA	FARS	KAV	095		9645	1100	1400	VOA	ENGL	UDO	130	
9435	1400	1700	RL	FA	KAV	104		9645	1400	1500	VOA	ENGL	PHT	283	
9455	0000	0200	VOA	ENGL	GA	164	23456	9645	1500	1800	VOA	ENGL	IRA	356	
9455	1200	1230	VOA	SPAN	GA	164		9645	1830	1900	VOA	AZER	MOR	059	
9480	0430	0500	VOA	PORT	GB	091		9645	2100	2300	RL	AB	MOR	035	
9480	0530	0630	VOA	FREN	GB	091	12345	9650	2000	2100	VOA	ARAB	KAV	172	
9480	1200	1230	VOA	SPAN	GA	205		9655	0700	0730	RFE	BU	MOR	067	
9480	2300	0000	VOA	SPAN	GB	183		9655	2200	2230	VOA	SERB	MOR	059	
9505	0530	0630	VOA	FREN	WOF	182	12345	9660	1400	1430	RFE	SC	BIB	126	
9505	1600	1700	RL	TB	HOL	059		9660	1600	1700	RL	KY	LAM	075	
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9505	1830	1900	VOA	PASH	UDO	304		9660	1800	2000	VOA	RUSS	LAM	075	
9505	1900	2000	VOA	RUSS	HOL	057		9665	0400	0600	VOA	ARAB	MOR	084	
9505	2000	2100	RL	GE	LAM	108		9670	1300	1330	BBC	SPAN	DL	125	12345
9510	1330	1430	VOA	URDU	UDO	300		9670	1700	1800	VOA	ENGL	UDO	030	12345
9515	0300	0345	BBC	SPAN	DL	125		9670	1700	1800	VOA	ENGL	UDO	154	12345
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9520	1200	1300	RL	KA	UDO	316		9675	1600	1700	RL	KY	KAV	051	
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9520	2000	0000	RL	RU	WOF	066		9680	1100	1500	VOA	CHIN	PHT	349	
9525	1230	1300	VOA	CREO	GA	164	12345	9680	1700	1900	VOA	FARS	KAV	095	
9525	1700	1800	VOA	ENGL	PHX	285	12345	9680	1930	2000	VOA	ALBA	MOR	059	
9525	1900	2000	VOA	ENGL	PHT	150		9680	2100	2200	RFE	SC	MOR	059	
9525	2200	2230	VOA	CREO	GA	190		9685	1400	1700	RL	AB	WOF	102	
9530	1100	1300	VOA	CHIN	PHT	332		9690	1300	1330	RL	KY	KAV	051	
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9530	1500	1600	RL	TU	BIB	085		9695	0500	0600	VOA	UKRA	MOR	051	
9530	1600	1700	BBC	TURK	LAM	104		9695	0600	0700	RL	UK	MOR	051	12345
9530	1700	1800	BBC	UKRA	LAM	075		9695	1400	1500	RL	KA	LAM	075	
9530	1800	2100	VOA	ARAB	WOF	180		9695	1500	1630	RL	TA	UDO	321	
9530	2100	0000	VOA	ENGL	KAV	108		9695	1630	1700	RL	TA	UDO	321	
9535	1130	1200	VOA	SPAN	GA	164		9695	1700	1800	RFE	SC	BIB	105	
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9535	2000	2015	RTG	GERM	UDO	321		9695	1830	1900	VOA	AZER	MOR	059	
9535	2015	2030	RTG	FREN	UDO	321		9700	0500	0600	VOA	ENGL	KAV	240	
9535	2030	2045	RTG	ENGL	UDO	321		9705	0100	0130	VOA	URDU	UDO	300	
9535	2045	2115	RTG	THAI	UDO	313		9705	0200	0230	VOA	DARI	UDO	308	
9535	2200	2230	VOA	KHME	PHT	270		9705	1630	1700	VOA	DARI	PHT	315	
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9540	2200	2230	VOA	SERB	MOR	059		9705	1830	1930	RFE	SC	WOF	102	
9545	0000	0200	VOA	CHIN	PHT	349		9720	1130	1230	VOA	INDO	UDO	182	
9545	2200	2300	VOA	CHIN	PHT	349		9720	1300	1330	VOA	VIET	IRA	073	
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9555	0000	0100	VOA	TIBE	UDO	324		9720	1430	1500	VOA	BURM	IRA	057	
9555	0100	0200	RL	KY	UDO	319		9725	0200	0400	RL	AZ	UDO	313	
9555	0200	0300	RL	KY	UDO	316		9725	0400	0500	RL	UZ	HOL	077	
9555	1300	1400	VOA	KORE	UDO	038		9725	1500	1600	VOA	VIET	PHX	285	
9565	0730	0830	VOA	ARAB	WOF	180		9725	1600	1630	RFE	RO	BIB	105	
9565	0830	0900	RFE	SC	BIB	126		9725	1700	1730	RFE	RO	MOR	059	
9565	1000	1500	OCB	SPAN	GA	190		9725	1730	1800	RFE	RO	MOR	059	12345
9565	1500	1800	RL	TU	WOF	075		9725	1800	1900	VOA	RUSS	MOR	059	
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9565	2100	2130	VOA	UKRA	MOR	051		9725	2300	0100	RFE	SC	MOR	059	
9575	0300	0500	VOA	ENGL	GA	094		9745	1500	1530	VOA	UZBE	UDO	316	
9575	1500	1700	VOA	ENGL	KAV	105		9750	0000	0100	RL	FA	IRA	334	
9575	1900	1930	VOA	DARI	UDO	304		9750	0100	0130	VOA	PASH	IRA	334	
9585	0200	0330	RL	TA	UDO	311		9750	0130	0200	VOA	PASH	IRA	334	
9585	0330	0430	VOA	KNKR	SAO	114		9750	0200	0230	VOA	DARI	IRA	334	
9585	0330	0400	RL	TA	UDO	311		9750	0230	0300	VOA	DARI	UDO	308	
9585	0430	0730	RL	FA	LAM	096		9750	0400	0500	RL	UK	MOR	051	12345
9590	1000	1100	VOA	ENGL	GA	145		9750	1800	1900	BBC	AZER	LAM	092	
9590	1200	1500	ERT	VAR	DL	075		9760	1100	1500	VOA	ENGL	PHT	021	
9595	1500	1600	RL	KY	KAV	051		9760	1100	1500	VOA	ENGL	PHT	270	
9595	2100	2200	VOA	ENGL	KAV	095		9760	1500	1600	VOA	ENGL	PHT	021	
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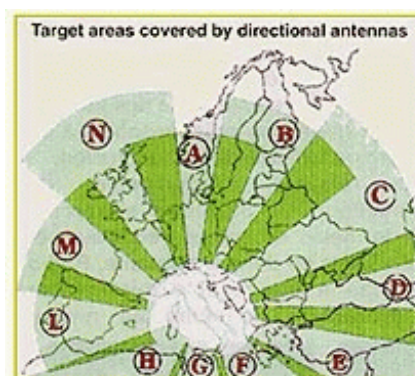
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9770	1530	1600	VOA	GEOR	UDO	308		11770	1400	1430	VOA	PASH	PHT	283	
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9770	1900	2000	VOA	TURK	LAM	104		11770	1630	1700	RL	TU	UDO	300	
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9780	1500	1600	VOA	VIET	IRA	073		11775	1800	1830	VOA	PORT	SAO	138	12345
9780	2030	2100	VOA	FRHA	SAO	020		11775	1830	2030	VOA	FREN	SAO	000	
9780	2100	2130	VOA	FREN	SAO	076	12345	11775	2030	2100	VOA	FRHA	SAO	000	
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9785	2000	2100	RL	FA	MOR	075		11785	1100	1500	VOA	CHIN	UDO	030	
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9795	1500	1600	VOA	ENGL	PHT	349		11795	0200	0300	RL	KY	IRA	340	
9795	1600	1700	RL	AZ	LAM	075		11795	1200	1300	RL	KA	LAM	056	
9795	1700	1800	VOA	ENGL	PHT	270	12345	11795	1400	1500	RL	AZ	BIB	085	
9805	0400	0700	OCB	SPAN	GB	184	234567	11805	0130	0200	VOA	BANG	UDO	300	
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9805	1730	1800	VOA	PORT	BOT	010		11805	1500	1600	RL	RU	LAM	055	
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9815	2100	2130	VOA	FREN	BOT	010	12345	11825	1800	2100	VOA	ARAB	IRA	299	
9835	0400	0600	RL	BR	MOR	067		11835	0500	0630	VOA	ENGL	BOT	350	
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9840	1800	1900	VOA	ENGL	KAV	051		11835	1700	1900	VOA	FARS	IRA	322	
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9845	0900	1100	VOA	CHIN	PHT	349		11850	1130	1200	VOA	BURM	IRA	057	
9845	1700	1800	RL	AR	LAM	092		11850	1530	1600	VOA	GEOR	KAV	051	
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9865	1300	1400	VOA	CANT	SAI	285		11855	2000	2030	VOA	ENGL	ASC	027	
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9875	1630	1700	VOA	DARI	KAV	095		11865	1900	1930	VOA	DARI	IRA	340	
9880	2200	0000	VOA	ENGL	KAV	095		11865	2000	2100	RL	FA	UDO	300	
9885	0300	0430	VOA	ENGL	BOT	350		11870	1900	2000	VOA	ENGL	PHT	150	
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9890	0030	0100	VOA	ENGL	PHT	270		11875	0600	0800	RL	RU	LAM	055	
9890	1130	1200	VOA	CHIN	UDO	276		11875	1900	2000	VOA	TURK	MOR	067	
9890	1300	1330	VOA	VIET	TIN	280		11875	2100	2130	VOA	UKRA	MOR	051	
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11670	0400	0600	VOA	ARAB	KAV	095		11885	1400	1430	RFE	SC	MOR	059	
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11680	1330	1415	BBC	ALBA	BIB	126	7	11885	1600	1700	RL	RU	BIB	063	
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11695	0000	0100	VOA	ENGL	GA	146	23456	11895	1400	1500	VOA	RUSS	LAM	075	
11695	1730	1800	VOA	HIND	PHT	315		11895	1500	1600	RL	AR	BIB	085	
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11705	0100	0300	VOA	ENGL	UDO	292		11900	0600	0800	ERT	VAR	DL	296	
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11715	1200	1300	VOA	ENGL	PHT	150		11905	1900	2000	VOA	ARAB	IRA	302	
11715	1330	1430	VOA	URDU	IRA	356		11905	2000	2100	VOA	ARAB	KAV	095	
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11725	1300	1400	RL	RU	KAV	051		11920	1600	1700	RL	KA	WOF	070	
11730	0600	0700	RL	TB	BIB	065		11925	0000	0300	VOA	CHIN	PHT	349	
11730	0830	0900	RFE	SC	MOR	059		11925	2200	2300	VOA	CHIN	UDO	030	
11730	1400	1700	RL	FA	LAM	108		11925	2300	0000	VOA	ENGL	UDO	030	
11730	1730	1930	PBS	ENGL	PHT	283		11930	0600	0700	VOA	ENGL	KAV	240	
11740	1500	1800	RL	TU	KAV	095		11930	0900	1100	RL	RU	PHT	349	
11750	0500	0600	RL	UZ	KAV	051		11930	1130	1230	VOA	INDO	PHT	200	
11750	1800	1830	VOA	SERB	MOR	059		11930	1230	1300	VOA	LAO	PHT	283	
11750	1830	2000	RFE	SC	MOR	059		11930	1300	0000	OCB	SPAN	GA	203	
11750	2000	2100	RL	FA	UDO	300		11930	1330	1430	VOA	KHME	PHT	270	
11760	0030	0100	VOA	ENGL	PHT	200		11930	1430	1500	VOA	BURM	PHT	270	
11760	1500	1600	RL	KY	WOF	070		11945	1400	1500	VOA	RUSS	HOL	057	

11950	1600	1630	VOA	ARAB	LAM	112		15130	1500	1600	RL	RU	MOR	043	
11950	1630	1700	VOA	ARAB	LAM	112		15130	1630	1700	VOA	HIND	UDO	300	
11955	1500	1530	VOA	ARAB	KAV	051		15130	1700	1800	VOA	URDU	UDO	308	
11955	1530	1600	VOA	ARAB	KAV	051		15140	0730	0830	VOA	ARAB	KAV	095	
11955	1700	1800	VOA	ENGL	PHT	330	12345	15140	0830	1100	VOA	ENGL	KAV	095	
11960	1800	1900	VOA	ARAB	KAV	104		15140	1100	1200	VOA	ARAB	KAV	095	
11965	0600	0700	RL	AB	KAV	108		15145	1300	1330	VOA	VIET	PHX	280	
11965	0700	1100	VOA	CHIN	UDO	030		15150	0800	1000	VOA	ENGL	TIN	295	
11965	1100	1300	VOA	CHIN	PHT	349		15160	0400	0600	VOA	ARAB	IRA	315	
11965	1500	1600	RL	AB	LAM	104		15160	1130	1230	VOA	INDO	SAI	225	
11965	1600	1700	RL	AB	LAM	104		15160	1300	1400	VOA	CANT	PHT	330	
11970	1400	1500	RL	KA	LAM	075		15160	1800	1830	VOA	AMHA	IRA	275	
11970	1900	2000	VOA	ENGL	PHT	021	12345	15160	1830	1845	VOA	EETG	UDO	276	
11975	1700	1800	VOA	URDU	UDO	300		15160	1845	1900	VOA	EEOR	UDO	276	
11975	1800	2200	VOA	ENGL	SAO	100		15170	1200	1400	VOA	ENGL	KAV	095	
11975	2200	2230	VOA	ENGL	SAO	100	12345	15180	1900	2000	VOA	ENGL	PHX	285	
11995	0600	0630	VOA	ENGL	KAV	208		15185	0030	0100	VOA	ENGL	PHX	285	
11995	0630	0700	VOA	ENGL	KAV	208	67	15185	1400	1500	RL	TU	KAV	088	
11995	0800	1000	VOA	ENGL	TIN	325		15185	2100	2200	VOA	ENGL	PHX	285	
11995	1200	1300	VOA	CHIN	TIN	303		15185	2200	0030	VOA	ENGL	PHX	285	
12005	1700	1800	VOA	ENGL	PHT	200	12345	15190	1730	1930	PBS	ENGL	PHT	283	
12010	0700	1100	VOA	CHIN	PHT	332		15190	2115	2130	BBC	ENGL	GA	174	12345
12010	1400	1500	RL	TA	IRA	340		15195	1400	1500	RL	FA	WOF	105	
12010	1500	1600	RL	KA	MOR	059		15205	0400	0700	VOA	ENGL	KAV	051	
12010	2300	0000	VOA	SPAN	GB	176		15205	0700	0900	RL	RU	LAM	056	
12015	0200	0330	PBS	FIEE	PHT	283		15205	1130	1200	VOA	BURM	PHX	285	
12015	0430	0600	RL	FA	KAV	100		15205	1400	1800	VOA	ENGL	KAV	095	
12015	0600	0730	RL	FA	KAV	092		15205	1900	2000	VOA	ENGL	LAM	108	12345
12015	1900	2000	VOA	ENGL	UDO	300		15205	2200	2330	VOA	INDO	PHX	212	
12020	1600	1700	RL	UZ	BIB	085		15205	2330	0000	VOA	ENGL	PHX	212	
12025	0600	0700	VOA	ARAB	KAV	095		15210	0130	0200	VOA	BANG	PHT	283	
12025	0700	0730	VOA	ENGL	KAV	095		15215	0830	0900	RFE	SC	MOR	059	
12030	1400	1500	RL	TU	BIB	085		15215	1100	1300	RL	RU	KAV	051	
12035	1700	1800	VOA	ARAB	LAM	108		15215	1300	1400	RL	UZ	KAV	051	
12040	1100	1400	VOA	CHIN	PHT	332		15220	1830	2030	VOA	FREN	MOR	148	
12040	1400	1500	VOA	TIBE	PHT	315		15220	2030	2100	VOA	FRHA	MOR	156	
12040	1500	1600	VOA	ENGL	PHT	315		15220	2100	2130	VOA	FREN	MOR	156	12345
12065	2130	2200	VOA	KORE	PET	244		15235	0730	0830	VOA	ARAB	KAV	112	
12080	1830	2030	VOA	FREN	BOT	350		15235	0830	1100	VOA	ENGL	KAV	112	
12080	2030	2100	VOA	FRHA	BOT	350		15235	1100	1130	VOA	ARAB	KAV	112	
12080	2100	2130	VOA	FREN	BOT	350	12345	15235	1130	1200	VOA	ARAB	KAV	112	
12110	2000	2100	ERT	VAR	KAV	355		15240	1600	2200	VOA	ENGL	MOR	148	
12110	2300	0400	ERT	VAR	KAV	240		15250	0100	0300	VOA	ENGL	IRA	352	
13600	1600	1700	VOA	ENGL	SAO	126		15250	0700	0900	RL	RU	PHT	021	
13600	1700	1800	VOA	PORT	SAO	126		15250	1000	1300	VOA	ENGL	TIN	317	
13600	1800	1830	VOA	PORT	SAO	124	12345	15250	1600	1700	VOA	KURD	MOR	067	
13605	1200	1215	VOA	PASH	UDO	300		15255	1700	1800	VOA	ENGL	PHT	150	12345
13605	1215	1230	VOA	DARI	UDO	300		15260	1200	1400	VOA	ENGL	KAV	112	
13605	1230	1300	VOA	FARS	UDO	300		15265	1130	1230	VOA	SPAN	GA	164	
13605	1300	1400	RL	UZ	UDO	300		15265	1230	1300	VOA	CREO	GA	164	12345
13605	1400	1430	VOA	PASH	UDO	300		15265	1400	1430	VOA	ARAB	MOR	084	
13615	0700	0800	VOA	CHIN	TIN	313		15265	1430	1500	VOA	ARAB	MOR	084	
13615	0800	1000	VOA	ENGL	TIN	279		15265	1500	1530	VOA	ARAB	MOR	084	
13615	1000	1100	VOA	CHIN	TIN	305		15265	1530	1600	VOA	ARAB	MOR	084	
13615	1500	1600	RL	KY	IRA	334		15265	1600	1700	VOA	BANG	PHT	283	
13625	1500	1600	VOA	CANT	SAI	285		15265	2300	0000	VOA	SPAN	GA	164	
13640	1900	2000	VOA	ENGL	MOR	075		15270	0200	0330	PBS	FIEE	PHT	283	
13650	0700	1100	VOA	CHIN	TIN	303		15270	1230	1300	VOA	UZBE	UDO	316	
13650	1230	1300	VOA	UZBE	IRA	334		15290	0030	0100	VOA	ENGL	PHT	349	
13650	1430	1530	VOA	FARS	LAM	104		15290	0430	0730	RL	FA	KAV	095	
13670	1530	1600	VOA	GEOR	MOR	067		15290	0730	0830	RL	FA	KAV	095	
13675	1800	1830	VOA	AMHA	BOT	010		15290	1430	1530	VOA	FARS	MOR	067	
13675	1830	1845	VOA	EETG	BOT	010		15290	2200	0030	VOA	ENGL	PHT	349	
13675	1845	1900	VOA	EEOR	BOT	010		15300	0100	0300	VOA	ENGL	UDO	300	
13680	1700	1800	VOA	URDU	IRA	356		15305	2200	0000	VOA	ENGL	IRA	073	
13695	0030	0100	RTG	ENGL	UDO	006		15320	1330	1430	VOA	URDU	KAV	051	
13695	0100	0200	RTG	THAI	UDO	006		15325	1300	1330	BBC	SPAN	GA	164	12345
13695	0530	0630	VOA	FREN	BOT	010	12345	15330	1000	1100	RL	AZ	KAV	095	
13695	1500	1600	RL	RU	MOR	067		15330	2200	0000	OCB	SPAN	DL	100	
13710	0500	0630	VOA	ENGL	BOT	010		15335	0600	0700	VOA	ARAB	KAV	112	
13710	0630	0700	VOA	ENGL	BOT	010	67	15335	0700	0730	VOA	ENGL	KAV	112	
13710	1600	2000	VOA	ENGL	UDO	256		15335	1100	1500	RTM	ARAB	MOR	027	
13710	2000	2200	VOA	ENGL	BOT	350		15370	0800	0900	RL	RU	LAM	053	
13710	2200	2230	VOA	ENGL	BOT	350	12345	15370	1100	1400	RL	RU	LAM	053	
13715	1200	1230	VOA	SPAN	GA	174		15370	1400	1500	VOA	RUSS	HOL	057	
13715	2300	0000	VOA	SPAN	GB	168		15370	1600	1630	VOA	ARME	IRA	315	
13725	1900	2000	VOA	ENGL	IRA	299	12345	15375	0530	0630	VOA	FREN	BOT	350	12345
13735	1830	2030	VOA	FREN	SAO	088		15385	1730	1800	VOA	CREO	GA	146	
13740	0130	0200	VOA	ENGL	DL	109	23456	15390	1200	1230	VOA	SPAN	ASC	245	
13745	1400	1430	RFE	SC	MOR	059		15395	0000	0300	VOA	CHIN	PHT	349	
13745	2200	2230	VOA	KHME	TIN	279		15395	1400	1800	VOA	ENGL	TIN	279	
13745	2230	2330	VOA	VIET	TIN	279		15395	2200	2300	VOA	CHIN	PHT	349	
13745	2330	0000	VOA	ENGL	TIN	279		15395	2300	0000	VOA	ENGL	PHT	349	
13760	0700	1100	VOA	CHIN	UDO	030		15400	0600	0700	RL	AB	KAV	095	
13780	0530	0600	RTG	ENGL	UDO	321		15405	1400	1500	RL	TA	MOR	067	
13790	0000	0130	VOA	ENGL	DL	109	23456	15410	0900	1100	RL	RU	UDO	030	
13820	1300	1930	OCB	SPAN	GA	174		15410	1500	1700	RL	FA	WOF	105	
13820	1930	0300	OCB	SPAN	DL	100		15410	1900	2000	VOA	ENGL	PHT	332	12345
15115	0100	0200	RL	KY	PHT	315		15415	1130	1200	VOA	FARS	KAV	051	
15120	0200	0330	PBS	FIEE	PHT	283		15415	1200	1230	VOA	FARS	KAV	051	
15120	1500	1530	VOA	ARAB	MOR	083		15415	1400	1430	RL	KY	HOL	077	
15120	1530	1600	VOA	ARAB	MOR	083		15425	0600	0700	VOA	ARAB	MOR	075	
15120	1600	1630	VOA	ARAB	MOR	083		15425	0700	0730	VOA	ENGL	MOR	075	
15120	1630	1700	VOA	ARAB	MOR	083		15430	1400	1500	RL	AZ	BIB	085	
15130	1400	1500	VOA	RUSS	MOR	043		15440	0730	0830	VOA	ARAB	KAV	208	

15445	0900	1100	RL	RU	PHT	349		17705	1700	1730	VOA	SWAH	BOT	010	12345
15445	1600	1700	VOA	ENGL	BOT	010		17715	1600	1700	VOA	ENGL	SAO	088	
15445	1700	1800	VOA	ENGL	BOT	010		17730	1100	1130	RFE	BU	MOR	067	
15455	1000	1300	VOA	ENGL	PHX	285		17730	1130	1200	VOA	FARS	IRA	334	
15455	1100	1300	VOA	ENGL	PHX	212		17730	1200	1230	VOA	FARS	IRA	334	
15460	0300	0330	RTG	ENGL	UDO	038		17735	2100	0000	VOA	ENGL	PHT	150	
15460	0330	0430	RTG	THAI	UDO	038		17740	0000	0030	VOA	ENGL	PHT	150	
15460	1500	1600	VOA	ENGL	UDO	166		17740	0030	0100	VOA	ENGL	PHT	150	
15460	1600	1800	RL	BR	MOR	043		17740	0100	0300	VOA	ENGL	PHT	283	
15470	0300	0400	RL	TU	IRA	315		17740	0600	0700	RL	AB	KAV	095	
15480	1300	1500	VOA	ENGL	PHX	212		17740	1900	2100	VOA	ARAB	GA	067	
15480	1300	1500	VOA	ENGL	PHX	285		17750	1200	1300	RL	KA	KAV	051	
15485	1600	1700	VOA	ENGL	ASC	100		17755	2100	2130	VOA	FREN	ASC	027	12345
15500	1100	1500	VOA	CHIN	TIN	313		17765	0000	0300	VOA	CHIN	PHT	349	
15510	2300	0000	VOA	SPAN	DL	126		17770	0400	0600	VOA	TIBE	UDO	319	
15515	0700	1100	VOA	CHIN	UDO	030		17780	0130	0200	VOA	BANG	PHT	283	
15515	1400	1430	VOA	PASH	WOF	082		17780	0230	0300	VOA	DARI	PHT	283	
15535	1500	1530	VOA	UZBE	KAV	051		17785	1730	1800	VOA	PORT	MOR	132	
15545	1700	1800	VOA	PORT	BOT	350		17785	1800	1830	VOA	PORT	MOR	132	12345
15545	1800	1830	VOA	PORT	BOT	350	12345	17795	1400	1430	VOA	ARAB	MOR	083	
15580	0230	0300	VOA	DARI	PHT	315		17795	1430	1500	VOA	ARAB	MOR	083	
15580	1630	1700	VOA	SWAH	BOT	350		17795	1500	1530	VOA	ARAB	MOR	083	
15580	1700	1730	VOA	SWAH	BOT	350	12345	17795	1530	1600	VOA	ARAB	MOR	083	
15580	1800	2200	VOA	ENGL	GB	094		17795	1600	1630	VOA	ARAB	MOR	083	
15585	0400	0600	VOA	TIBE	UDO	316		17795	1630	1700	VOA	ARAB	MOR	083	
15650	1200	1430	ERT	VAR	KAV	095		17805	1100	1300	RL	RU	HOL	077	
15650	2100	0000	ERT	VAR	KAV	095		17805	1600	1700	RL	UZ	IRA	334	
15665	0900	1100	VOA	CHIN	SAI	300		17820	0030	0100	VOA	ENGL	PHT	021	
15705	0230	0300	VOA	DARI	IRA	334		17820	0100	0300	VOA	ENGL	PHT	270	
15705	0300	0430	VOA	FARS	IRA	334		17820	1400	1430	RL	KY	KAV	051	
15705	0430	0500	RL	FA	IRA	334		17820	2100	0030	VOA	ENGL	PHT	021	
15705	0500	0530	VOA	ARAB	IRA	334		17845	0800	0900	RL	RU	LAM	077	
15705	1200	1215	VOA	PASH	IRA	340		17855	0300	0500	VOA	FARS	IRA	332	
15705	1215	1230	VOA	DARI	IRA	340		17855	1430	1530	VOA	FARS	MOR	067	
15705	1230	1300	VOA	FARS	IRA	340		17865	0300	0400	RL	TU	IRA	332	
15705	1300	1400	RL	UZ	IRA	340		17870	0500	0600	RL	UZ	IRA	340	
15705	1400	1430	VOA	PASH	IRA	340		17875	0730	0830	VOA	ARAB	KAV	095	
15705	1430	1530	VOA	PASH	IRA	340		17875	0830	0930	VOA	ENGL	KAV	095	
15705	1530	1630	VOA	DARI	IRA	340		17875	1200	1230	VOA	SPAN	ASC	245	
15705	1630	1700	RL	TU	IRA	340		17885	1400	1700	RL	FA	KAV	095	
17520	0400	0800	ERT	VAR	KAV	095		17885	2000	2100	VOA	ENGL	ASC	055	
17555	1230	1300	VOA	UZBE	IRA	348		17895	0430	0500	RL	FA	UDO	300	
17560	1130	1200	VOA	FARS	KAV	095		17895	0500	0530	VOA	ARAB	UDO	300	
17560	1200	1230	VOA	FARS	KAV	095		17895	0930	1100	VOA	ENGL	KAV	095	
17565	1730	1800	VOA	CREO	GA	164		17895	1100	1130	VOA	ARAB	KAV	095	
17565	2000	2200	ERT	VAR	GA	164		17895	1130	1200	VOA	ARAB	KAV	095	
17565	2300	0000	VOA	SPAN	DL	120		17895	1600	1700	VOA	ENGL	BOT	350	
17580	1630	1700	VOA	SWAH	ASC	085		17895	1700	1800	VOA	ENGL	MOR	132	
17580	1700	1730	VOA	SWAH	ASC	085	12345	17895	1800	2000	VOA	ENGL	BOT	350	
17580	1830	2000	VOA	FREN	GA	091		17895	2000	2200	VOA	ENGL	GA	091	
17605	1400	1500	RL	AZ	RMP	092		18275	1400	1430	VOA	ENGL	GA	045	7
17610	1300	1315	BBC	RUSS	LAM	077		21480	1630	1700	VOA	SWAH	SAO	088	
17625	1030	1100	BBC	RUSS	LAM	077	7	21480	1700	1730	VOA	SWAH	SAO	088	12345
17625	1100	1130	BBC	RUSS	LAM	077		21485	1730	1800	VOA	PORT	GA	094	
17630	0400	0600	VOA	TIBE	UDO	316		21485	1800	1830	VOA	PORT	GA	094	12345
17630	1200	1400	VOA	ENGL	KAV	095		21485	1830	2030	VOA	FREN	GA	094	
17630	1400	1500	RL	KA	KAV	051		21485	2030	2100	VOA	FRHA	GA	094	
17640	1600	1700	VOA	ENGL	MOR	132		21485	2100	2130	VOA	FREN	GA	094	12345
17640	1800	1830	VOA	AMHA	MOR	108		21530	0400	0800	ERT	VAR	KAV	095	
17640	1830	1845	VOA	EETG	UDO	276		21530	1000	1100	RL	AZ	KAV	095	
17640	1845	1900	VOA	EEOR	UDO	276		21540	1730	1800	VOA	CREO	DL	100	
17660	1400	1500	RL	TA	BIB	085		21540	2200	2230	VOA	CREO	DL	100	
17670	1000	1100	RL	AZ	KAV	095		21560	0400	0600	VOA	TIBE	UDO	316	
17675	0730	0830	RL	FA	MOR	075		21615	0000	0030	VOA	INDO	TIN	256	
17680	1400	1530	VOA	PASH	MOR	067		21675	1500	2200	OCB	SPAN	DL	100	
17695	0900	0915	BBC	RUSS	LAM	077		21690	0730	0830	RL	FA	UDO	300	
17705	1600	2200	ERT	VAR	DL	075		21780	0400	0430	VOA	INDO	TIN	255	
17705	1630	1700	VOA	SWAH	BOT	010									

(IBB webpage via JKB, IBB version of 21 Jan 2002)

VATICAN: Complete B01 medium and short-wave schedule of *Vatican Radio* until 28 March 2002. Targets in detail by graphics designed by R. Vatican on their website. To Africa:



0240	FRENCH			9660-F			
0310	ENGLISH			9660-F			
0340	KISWAHILI			9660-F	11625-F		
0405	AMHARIC, TIGR.			9660-F	11625-F		
0430	FRENCH			9660-G	11625-FG		
0500	ARABIC			1260	9645-E	11715-E	
0500	ENGLISH			9660-G	11625-FG	15570-F	
0530	PORTUGUESE			11625-I	13765-G	15570-FG	
0600	FRENCH			11625-HI	13765-H	15570-G	
0630	MASS IN LATIN			527	1530	9645-HI	15595-E
0630	ENGLISH			11625-HI	13765-H	15570-G	
0700	ITALIAN, FRENCH, ENGLISH	W		527	1530	9645-HI	15595-E
0745	ARABIC	W		1530	7250-G	9645-HI	15595-E
1100	ANGELUS	7 H		527	1530	15595-E	21850-FG
1130	MASS IN ENGLISH	5		15595-E	17515-E		
1300	ITALIAN			527	15595-E	21850-FG	
1550	MASS IN ENGLISH	6		13765-D	15235-D		
1613	KISWAHILI	1,2,3,4,5,7		15570-F	17515-F		
1620	SOMALI	6		15570-F	17515-F		
1630	ARABIC			1260	11625-E	15595-E	
1635	AMHARIC, TIGR.			15570-F	17515-F		
1700	FRENCH			15570-F	17515-FG		
1730	ENGLISH			13765-F	15570-FG	17515-G	
1800	PORTUGUESE			13765-I	15570-FG	17515-G	
1900	SPANISH	6		9660-G	11625-HI		
1940	ROSARY			527	1530	9660-G	11625-E+HI 13765-H
2000	ENGLISH			9660-G	11625-HI	13765-H	
2030	FRENCH			9660-G	11625-HI	13765-H	
2145	ARABIC			1530	5885-G	7250-HI	
<u>To America:</u>							
0030	PORTUGUESE			1260	7305-I	9605-IL	
0100	SPANISH			1260	7305-I	9605-L	11910-IL
0145	SPANISH			7305-IL	9605-M	11910-L	
0230	FRENCH			7305-MN	9605-M		
0250	ENGLISH			7305-MN	9605-M		
0315	SPANISH			7305-MN	9605-M		
1000	PORTUGUESE	W		1260	21850-I		
1130	SPANISH	W		1260	21850-I		
<u>To Asia, Australia, New Zealand:</u>							
0040	HINDI/TAMIL/MAL./ENGLISH			7335-D	9650-D		
0500	ARABIC			1260	9645-E	11715-E	
0630	MASS IN LATIN			527	1530	15595-E	
0700	ITALIAN, FRENCH, ENGLISH	W		527	1530	15595-E	
0745	ARABIC	W		1530	15595-E		
1100	ANGELUS	7 H		527	1530	15595-E	21850-CD
1130	MASS IN ENGLISH	5		15595-E	17515-E		
1230	CHINESE	1,2,3,4,5,7		6020	15235-C	17515-C	
1230	MASS IN CHINESE	6		6020	15235-C	17515-C	
1300	ITALIAN			527	15595-E		
1315	VIETNAMESE			6205	17515-D		
1450	HINDI/TAMIL/MAL./ENGLISH			9865	13765-D	15235-D	
1550	MASS IN ENGLISH	6		9865	13765-D	15235-D	
1630	ARABIC			1260	11625-E	15595-E	
1700	FRENCH - ENGLISH			527	1530	15595-E	
1940	ROSARY			527	1530	11625-E	
2200	CHINESE			6205	7305-C	9600-C	
<u>To Western and Central Europe, Middle East:</u>							
0330	SLOVENIAN			1530-CD	4005-BC		
0350	CROATIAN			1530-CD	4005-BC		
0410	CZECH			1530-AB	4005-BC	5885	

0425	SLOVAK		1530-AB	4005-BC	5885			
0440	HUNGARIAN		1530-AB	4005	5885			
0500	POLISH		1530-AB	4005	5885	7250-AB		
0520	GERMAN		1530-AB	4005	5885	7250-AB		
0540	FRENCH		1530	4005	5885	7250-MN		
0600	ENGLISH		1530	4005	5885	7250-MN		
0620	ITALIAN		527	1530	4005	5885	6185-BC	
			7250-MN					
0630	MASS IN LATIN		527	1530	4005	5885	6185-BC	
			7250-MN	9645-HI	11740-LM	15595-E		
0700	ITALIAN - FRENCH - ENGLISH	W	527	1530	4005	5885-MN	6185-BC	
			7250-MN	9645-HI	11740-LM	15595-E		
0710	RUMANIAN LITURGY	7 H	7250-C	9645-C				
0745	ARABIC	W	1530	5885-MN	7250-G	9645-HI	15595-E	
0830	MASS IN ITALIAN	7 H	527	7250-A				
0842	PAPAL AUDIENCE	3	527	5885				
0900	SPANISH	1,2,4,5,6	527	5885				
0930	ORIENTAL LITURGY	7 H	11740-C	15595-E	17515-D			
1000	ENGLISH	1,2,4,5,6	527	5885				
1100	ITALIAN	W	527	5885				
1100	ANGELUS	7 H	527	1530	5885	9645-MN	11740-MN+C	
			15595-E	21850-FG+CD				
1130	ITALIAN	7 H	527	5885				
1200	FRENCH	W	527	5885				
1300	ITALIAN		527	5885	9645-MN	11740-MN	15595-E	
			21850-FG					
1400	SPANISH		527	1260	9645-L	11740-L		
1415	PORTUGUESE		1260	9645-L	11740-L			
1500	GERMAN - POLISH		5885	7250-AB	9645-B			
1530	MUSIC - ITALIAN	1,2,3,4,6,7-5	5885	7250-A	9645-MN			
1600	VESPERS		5885	7250-A	9645-MN			
1630	ITALIAN		527	1530	5885	7250-A	9645-MN	
1700	FRENCH - ENGLISH		527	1530	4005	5885	7250-MN	
			9645-MN	15595-E				
1730	SLOVENIAN		1530-CD	4005	5885	7250-B		
1750	CROATIAN		1530-CD	4005	5885	7250-B		
1810	HUNGARIAN		1467	1530-AB	4005	5885-B	7250-B	
1830	CZECH		1467	1530-AB	4005	5885-B	7250-B	
1845	SLOVAK		1467	1530-AB	4005	5885-B	7250-B	
1900	POLISH		1467	1530-AB	4005	5885-B	7250-AB	
1920	GERMAN		1467	1530-AB	4005	5885-B	7250-AB	
1940	ROSARY		527	1530	4005	5885-MN	6185-C	
			11625-E					
2000	ITALIAN		527	1530	4005	5885-NA		
2020	ESPERANTO	7 H	527	1530	4005	5885-NA		
2030	FRENCH		527	1530	4005	5885-NA	7250-MN	
2050	ENGLISH		527	1530	4005	5885-NA	7250-MN	
2110	SPANISH		527	1530-L	4005	5885-L	7250-L	
2130	PORTUGUESE		1530-L	4005	5885-L	7250-L		
2145	ARABIC		1530	4005	5885-G	7250-HI		
2200	ITALIAN		527	1530	4005	5885-NA		
2230	ITALIAN		527	1530	4005	5885-NA		
2250	ESPERANTO	7	527	1530	4005	5885-NA		
2300	ITALIAN		527	1530	4005	5885-NA		
	To East Europe							
0310	ARMENIAN		1260	7345-D	9645-D			
0330	RUSSIAN		1260	6185-B	7345-C	9645-CD		
0400	UKRAINIAN		1260	6185-C	7345-C			
0420	BYELORUSSIAN		1260	6185-B	7345-B			
0440	LITHUANIAN		1260	6185-B	7345-B			

0500	LATVIAN		6185-B	7345-B			
0520	RUMANIAN		1611	6185-CD	7345-CD		
0540	BULGARIAN		1611	6185-CD	7345-CD		
0600	SCANDINAVIAN		1260	1611	7345-A	9645-A	
0620	ALBANIAN		1260	1611			
0715	UKRAINIAN LITURGY	7 H	1611	9850-C	11740-C		
1330	RUSSIAN		1260	13765-BC	15595-BC		
1650	ARMENIAN		1611	9585-D	11715-D		
1710	RUSSIAN		1611	6210	7365-B	9585-C	11715-CD
1740	UKRAINIAN		1611	7365-C	9585-C		
1800	BYELORUSSIAN		1260	1611	7365-B	9585-B	
1820	LITHUANIAN		1260	1611	7365-B	9585-B	
1840	LATVIAN		1260	1611	7365-B	9585-B	
1900	RUMANIAN		1260	1611	6185-CD	7365-CD	
1920	BULGARIAN		1260	1611	6185-CD	7365-CD	
1940	SCANDINAVIAN		1260	1611	7250-A	9645-A	
1940	ROSARY		527	1530	6185-C		
2000	ALBANIAN		1260	1611	7250-A	9645-A	
2020	ITALIAN/ENGLISH	1	1260	1611	9645-A		
2020	ESPERANTO	3,4	1260	1611	7250-A	9645-A	
2020	PHILIPPINE	5	1260	1611			
2100	RUSSIAN		1260	7305-BC	9585-BC		

W = Weekdays; H= Holidays;

1 = Mon.; 2 = Tues.; 3 = Wed.; 4 = Thu.; 5 = Fri.; 6 = Sat.; 7 = Sun.

(R. Vatican webpage last-modified 11 Dec 2001, via JKB)

Sources & Contributors:

BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.
 BP Bob Padula - Australia.
 CONEXION CONEXION Digital - Buenos Aires, Argentina.
 DXLD Glenn Hauser's DX LISTENING DIGEST - USA.
 DXW DX-Window by Danish Shortwave Club International - Denmark.
 EDXP Electronic DX Press, Bob Padula - Australia.
 GH Glenn Hauser - USA.
 GIB Gabriel Ivan Barrera - Argentina.
 JKB Dr. Juergen Kubiak, Berlin - Germany.
 NASWA North American Shortwave Association - USA.
 OBSERVER Fortnightly edition of Radio Bulgaria's Frequency Management.
 RUS-DX Information bulletin of Russian DX League - Russia.
 WDXC-HQ WDXC Headquarter, Michael Bethge - Germany.

Abbreviations: (see last month)

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DX LOGBOOK

Logs around the clock

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TROPICAL BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2338.0	1827	22422	BLR	Radio Mayak,Minsk	Russian	Program & Music	0201	DC
2379.9	0045	23222	B	Radio Educadora de Limeria	Portugese	Pop Music,Talks & ID	1812	RAD
2390.0	0034	32332	MEX	Radio Huayacocotla	Spanish	Ranchera Music,ID,Sign off	1812	RAD
3230.0	2135	32322	AFS	African Beacon via Meyerton	English	Religious Px, ID & Sign off	1712	RAD
3310.0	2320	32222	BOL	Radio Mosoj Chaski	Quecha	Music, Talks & ID	1712	RAD
3320.0	2234	32332	AFS	Radio Sonder Grense	Afrikaans	Talk and Pop Music	1712	RAD
3365.0	1203	21211	PNG	Radio Milne Bay	English	Ann. & News ,Music	1912	RAD
3905.0	1236	22222	INS	RRI,Merauke	Indonesian	Vocals, ID	1812	RAD
4190.0	2230	33233	CHN	PBS,Xizang	Tibetan	Songs & Short Comments	0912	ZL
4220.0	1235	44444	CHN	Xinjiang BC	Kazk	Pop Music & News	0101	GI
4471.7	2312	22222	BOL	Radio Movima	Spanish	Ids & Talks	1712	RAD
4600.4	2326	21221	BOL	Radio Villiamontes	Spanish	Vocals and Talks	1712	RAD
4649.1	0026	22332	BOL	Radio Santa Ana, Santa Ana	Spanish	Messages	2512	ALS
4681.6	0029	23222	BOL	Radio Paititi, Guayaramerim	Spanish	Messages for Christmas	2512	ALS
4698.8	1050	23232	GTM	Radio Amistad	Spanish	ID,Religious Talks	1812	RAD
4716.8	0036	24332	BOL	Radio Yura, Yura	Spanish	Commentary about Sports	0101	ALS
4725.0	1147	22222	BRM	Radio Myanmar	Burmese	Vocals,ID and News	1912	RAD
4746.8	0031	23332	PRU	Radio Huanta 2000,Huanta	Spanish	Huaynos & Commentary	2512	ALS
4753.3	2150	32322	INS	RRI,Makassar	Indonesian	Talks, followed by News	1712	RAD
4760.0	2150	34322	LBR	ELWA	English	Music & ID	2812	KH
4760.0	1150	23222	IND	All India Radio,Port Blair	Hindi	Vocals and Talk	1812	RAD
4760.0	1651	33333	SWA	TWR,Swaziland	Vernaculars	Religious Program	1112	ZL
4770.0	1710	43443	NIG	Radio Nigeria, kaduna	Hausa	Program	1112	ZL
4775.0	1519	23222	IND	All India Radio	Hindi	Talks	0812	ZL
4781.4	0946	23332	EQA	Radio Oriental	Spanish	Talk,vocals & ID	1812	RAD
4789.0	1001	24322	INS	RRI, Fak fak	Indonesian	Pop Music	1412	KH
4790.0	0022	22222	IND	All India Radio , Chennai	Hindi	Vocals Flutes and Talks	1912	RAD
4790.4	2035	34433	PAK	Radio Pakistan	Urdu	Talk and Koran	1212	IN
4795.0	1110	25332	RUS	Buryatskoe	Russian	IS,ID and Talks	2012	KH
4796.5	0007	33232	BOL	Radio Mallku	Spanish	Political Commentary	0101	ALS
4800.0	1803	34333	LSO	Radio Lesotho	English	ID,News	1112	ZL
4815.0	0957	43443	EQA	Radio El Buen Pastor	Spanish	Instrumental Music & ID	1812	RAD
4820.0	2135	33333	BOT	Radio Botswana	English	Music,ID & News	1712	RAD
4824.7	0056	43333	PRU	La Voz de la Selva,Iquitos	Spanish	Commentary & ID	2512	ALS
4835.0	2025	43444	MLI	RTV Malienne, Bamako	Arabic	ID and News	0912	ZL
4835.0	0044	24232	PRU	Radio Maranon, Jaen	Spanish	Music & ID	0801	ALS
4840.0	0105	43333	IND	All India Radio, Mumbai	Hindi	Vocals & Talks	1812	RAD
4850.0	1530	23322	IND	All India Radio	English	News	0812	ZL
4855.7	2346	32332	PRU	Radio La Hora	Spanish	Rap Music,Talk & ID	1712	RAD
4860.0	1226	44444	IND	All India Radio, Delhi	English	News	1812	RAD
4874.6	1054	43433	INS	RRI, Sorong	Indonesian	Pop Music	1412	KH
4876.8	0001	33232	BOL	Radio La Cruz del Sur, La Paz	Aymara	Music and ID	0101	ALS
4885.0	2314	23222	B	Radio Clube da Para	Portugese	Religious Talks	1712	ZL
4895.1	1148	33333	IND	All India Radio, Kuseong	Hindi	Vocals & Talks	1812	RAD
4905.0	1530	32222	CHN	PBS,Lhasa	Tibetan	Talks and Music	0812	ZL
4925.0	1533	32332	INS	RRI,Jambi	Indonesian	Talks,Qasida songs	0812	ZL

4940.0	0010	32332	PRU	Radio San Antonio, Va. Atalaya	Spanish	ID & Romantic Music	2512	ALS
4950.0	2100	32322	AGL	Radio Nacional Angola	Portugese	News , Music and talks	2312	ZL
4955.0	0037	14321	PRU	Radio Cutural Amauta, Huanta	Spanish	Folk Music & Commentary	2512	ALS
4960.0	2045	44443	STP	VOA	English	Christmas Wishes	2312	ZL
4976.0	0346	33333	UGA	Radio Uganda	English	ID and News	1812	RAD
4980.0	2305	32222	VEN	Ecos del Torbes	Spanish	Talk and Music	1412	ZL
4985.0	2157	34323	B	Radio Brazil Central	Portugese	Talks, Advts and ID	1812	ZL
4990.0	1157	32322	IND	All India Radio, Itanagar	Hindi	Music	1812	RAD
4995.7	0040	23432	PRU	Radio Andina, Huancayo	Spanish	Huaynos, ID & Greetings	2512	ALS
5003.4	2153	34332	GNE	Radio Nacional , Bata	Spanish	Talks & African Pops, ID	3012	KH
5010.0	1855	24322	MDG	RTV Malagasy	Vernaculars	Local Music	1712	KH
5025.0	1025	35433	AUS	ABC Northern Territory Service	English	Interview and News	1712	IN
5029.0	0515	14331	CTR	University Network	English	Program & ID	0601	DC
5039.2	2315	12111	PRU	Radio Libertad de Junin	Spanish	Latin type music	1812	ZL
5050.0	2050	24232	TZA	Radio Tanzania	Arabic	Islamic Talks	2912	ZL
5070.0	2234	44434	USA	WWCR	English	Talks	1412	ZL

SHORTWAVE BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5500.0	0322	43333	ARS	Voice of Tigray Revolution	Tigre	Music ID & News	1812	RAD
5678.1	0036	24322	PRU	Radio Ilucan, Cutervo	Spanish	ID and Advertisements	2512	ALS
5700.0	0004	23322	PRU	Radio Frecuencia San Ignacio	Spanish	Local Advts, Messages	2512	ALS
5745.0	0900	24222	USA	WHRI	English	Talks	1512	ZL
5905.0	1435	24222	KAZ	Dem. Voice of Burma via Almaty	Burmese	Program	0812	WB
5920.0	2030	25332	RUS	Radio Gardarika	Russian	Pops and Talks	1612	IN
5927.2	2258	21221	PRU	Radio Minería	Spanish	Talks and Music	1712	RAD
5952.5	2352	33433	BOL	Radio Pio XII, Siglo XX	Spanish	Andean Music & ID	3112	ALS
5970.0	1605	55555	G	DRM via Rampisham relay		Digital Exhibition Test	0312	WB
5975.0	0910	55555	D	DRM via Duetsche Welle Juleich		DRM Exhibition	0312	WB
5985.0	2237	44433	COG	RTV Congolaise	French	African Pop Music	2712	KH
6000.0	0150	44444	CUB	Radio Habana	English	Mailbag program	1301	AKB
6010.0	0931	32332	MEX	Radio Mil	Spanish	Spanish Pop tunes & ID	1812	RAD
6010.0	0816	24342	CHL	Radio Parinacota, Putre	Spanish	Andean Music	2812	ALS
6025.0	0050	34333	BOL	Radio Illimani, La Paz	Spanish	Andean Music & ID	0101	ALS
6035.0	2100	44444	AUT	Everest Radio	Nepali	Music Program	2912	ZL
6045.5	0249	24332	PRU	Radio Santa Rosa, Lima	Spanish	Tropical Songs & ID	0101	ALS
6080.0	0811	24332	B	Radio Novas de Paz	Portugese	Talk and Music	1912	KH
6134.8	0943	23332	BOL	Radio Santa Cruz	Spanish	Folk song, Talk and ID	2412	IN
6153.6	0858	3333	INS	RRI, Biak	Indonesian	Pop Music and Koran.	0601	KH
6155.0	2345	34333	BOL	Radio Fides, La Paz	Spanish	Commentary & Advts.	3112	ALS
6155.0	0223	44444	URG	Banda Oriental, Sarandi del Yi	Spanish	Special New Year Program	0101	ALS
6174.1	0040	23232	PRU	Radio Tawantinsuyo, Cusco	Spanish	Andean Music & Greetings	0101	ALS
6175.0	1545	54554	G	DRM via Rampisham relay		Digital Exhibition Test	0312	WB
6180.0	0844	34333	B	Radio Nacional da Amazonia	Portugese	Talks & ID	1212	KH
6180.0	1130	31221	POL	Radio Racyja, Leszczynka	Belarussian	Commentary	2212	WB
6193.5	0046	23232	PRU	Radio Cusco, Cusco	Spanish	Andean Music & huaynos	0101	ALS
6245.0	1700	34333	RUS	Radio Radonezh via Samara	Russian	ID, Gospel songs	2412	IN
6265.0	2003	34323	ZMB	Zambia Nac. Broadcasting Corp.	English	IS, Political Talks, Music	0812	ZL
6354.2	0646	24232	PRU	Radio Union, Lima	Spanish	Tropical music	1301	ALS
6498.1	1225	24342	VTN	Cao Ban BC	Vietnamese	Songs	0101	GI
6790.0	2132	22222	CHN	China National Radio 5	Chinese	Vocals & Talks	1812	RAD
6797.7	0046	34322	PRU	Ondas del Rio Mayo, Nuevo C'arca	Spanish	Commentary, Advt. & Music	2512	ALS
6940.0	0340	12221	ETH	Radio Fana	Amharic	Horn of Africa music	1812	RAD
6956.8	2356	34333	PRU	Radio La Voz del Campesino	Spanish	Music & Greetings	2412	ALS
7135.0	1959	24332	HNG	Radio Budapest	English	IS and Talk	0401	HY
7150.0	2226	22222	IND	All India Radio, Delhi	Hindi	Music, ID & Sign Off	1812	RAD
7225.0	2100	44444	TUN	Radio diffusion Tunisienne	Arabic	News and song	2912	ZL
7225.0	0646	35322	NIG	Voice of Nigeria	English	Talks	2012	KH
7260.0	0851	44433	VUT	Radio Vanuatu	English	Music and ID	1912	KH
7295.0	1400	33333	MLA	Radio Malaysia	English	News, Music and songs	0812	ZL

7325.0	0044	44433	LTU	Radio Vilnius	English	Lithuanian Bank	3112	RL
7445.0	0641	34533	CTR	Radio for Peace Intl.,Cuidad Colon	English	RFPI Mailbag	3012	RL
7485.0	1220	35222	RUS	WSHB via Novosibirisk	English	Program	2212	WB
7520.0	1740	43433	MDA	Radio International	Persian	Items on Israel & Pakistan	0712	WB
7580.0	2357	22222	USA	WHRI	English	Program	1712	ZL
9355.0	0755	34433	TWN	Radio Taipei Intl.,	French	Chinese lessons	1812	ZL
9415.0	1810	33333	LBY	Radio Sebha	Arabic	Saharan Chants	0701	WB
9450.0	1230	35333	RUS	Voice of Russia,Novosibirisk	Japanese	Program	2212	WB
9475.0	1400	34433	AUS	Radio Australia via Shepperton	English	IS, ID into Mandarin	3112	WB
9504.9	0756	24332	B	Radio Record	Portugese	Religious Talks	2912	IN
9515.0	2155	44444	B	Radio Novaz de Paz	Portugese	News Program and ID	2012	IN
9552.4	0800	32332	INS	RRI,Makassar	Indonesian	Sign off	3112	JY
9560.0	0250	55444	KOR	Radio Korea Intl.,	English	From Us to You	3012	WB
9565.0	0820	32332	B	Radio Tupi	Portugese	Talks	1912	KH
9630.2	0831	33333	B	Radio Aparecida	Portugese	Talk and Music	1912	KH
9680.0	0205	44433	USA	Radio Taipei Intl., via Okeechobee	English	News	2412	AKB
9680.0	2332	32332	INS	RRI,Jakarta	Indonesian	Astaga Pop songs	1412	ZL
9704.2	1515	33432	ETH	Radio Ethopia	Amharic	Talks	2712	KH
9705.3	2031	34333	NGR	La Voix du Sahel	French	Interview & Music Program	0801	IN
9705.8	2113	31331	EGY	Voice of Arabs, Cairo	Arabic	Program	0601	WB
9720.6	0540	23332	PRU	Radio Victoria, Lima	Spanish	Religious Program	2512	ALS
9736.2	0715	43443	PAR	Radio Nacional de Paraguay	Spanish	ID and Music	1712	KH
9745.0	0100	43443	EQA	HCJB,Quito	English	Special Christmas Program	2512	AKB
9820.0	1120	55555	G	NHK R.Japan, via Rampisham	Japanese	Year End Hit Parade	3112	WB
9835.0	0222	53333	HNG	Radio Budapest	English	DX Show	3012	RL
9845.0	1402	25222	J	NHK,R.Japan via Yamata relay	Japanese	Year End Hit Parade	3112	WB
11635.0	1815	43333	LBY	Radio Sebha	Arabic	Saharan Chants	0701	WB
11705.0	1405	22222	CAN	NHK,R.Japan, via Sackville	Japanese	Year End Hit parade	3112	WB
11715.0	2203	14321	IND	All India Radio, Panaji	English	Program,News & ID	0801	DC
11725.0	0834	33433	B	Radio Novas de Paz	Portugese	Music	1212	KH
11734.1	1609	34333	TZA	Voice of Tanzania,Zanzibar	Swahili	Local News	0701	KH
11785.0	0724	32332	B	Radio Guiba	Portugese	Talk & Music	1212	KH
11815.0	0740	34433	B	Radio Brasil Central	Portugese	Music & ID	1212	KH
11840.0	0300	44444	RUS	Radio Sakhalin	Russian	News & ID	1912	KH
11895.0	2156	24332	B	Sistema LBV Mundial	Portugese	News Program	2712	IN
11915.0	0751	33433	B	Radio Gaucha	Portugese	Talk & ID	1212	KH
11925.0	0734	44433	B	Radio Bandeirantes	Portugese	Talk & ID	1712	KH
11970.0	0845	33553	ATN	DRM via R.Nederland Bonaire		DRM Exhibition	0312	WB
11985.0	0359	55333	BEL	Radio Vlaanderen International	English	Radio World	3112	WB
12020.0	1125	55544	G	NHK,Radio Japan via Woofferton	Japanese	Year End Hit Parade	3112	WB
12040.0	1310	44444	CHN	China National Radio 2	Chinese	Soft Music and Talks	3112	ZL
12045.0	2235	4444	ATG	Duetsche Welle	German	Interviews and Music	2912	ZL
12130.0	1735	44433	RSA	AWR,Meyerton	Masai	Religious Chorus	0712	WB
13565.6	2333	24432	PRU	Ondas del Pacifico, Ayabaca	Spanish	Andean Music and Advts.	0101	ALS
15095.2	1318	43443	SEY	FEBA	Bamar	Folk songs	3112	ZL
15120.0	2055	35433	NIG	Voice of Nigeria	English	ID and News	3012	IN
15125.0	1129	33322	INS	RRI,Jakarta, Cimanggis	Indonesian	Telecon and ID	0101	JY
15165.0	1205	33333	UAE	NHK,Radio Japan via Dhabbaya	Japanese	Year End Hit Parade	3112	WB
15175.0	1100	33322	NZL	Radio New Zealand, Rangitaiki	English	British Folk Songs,N.Year Pip	3112	WB
15225.0	1230	55555	POR	DRM via Duetsche Welle Sines		Digital Exhibition Test	0312	WB
15345.0	0900	44433	ARG	Radio Nacional	Spanish	ID,Music and Talk	2712	KH
15450.0	1405	33333	TUN	RDTV Tunisienne	Arabic	Talks & ID	3012	KH
15475.5	2055	22222	ATA	Radio Nacional Arcangel	Spanish	Talk by man & music	1712	RAD
15615.0	1820	23322	LBY	Radio Sebha	Arabic	Saharan Chants	0701	WB
15660.0	1830	43333	LBY	Radio Sebha	Arabic	Saharan Chants	0701	WB
15690.0	1730	31331	MDA	Voice of Iran, Majed via Grignopol	Persian	Program	0712	WB
15820.0	0958	44444	ARG	Cadena 3, Buenos Aires	Spanish	News and Folklore	0401	ALS
17399.0	1105	21221	RUS	Radio mayak	Russian	Talks and Music	2212	ZL

17555.0	0840	55555	POR	DRM via Duetsche Welle Sines		Digital Exhibition Test	0312	WB
17555.0	1410	55555	G	NHK,R.Japan via Rampisham	Japanese	Year End Hit parade	3112	WB
17595.0	1214	33322	EGY	Radio Cairo	English	Music and Talk, ID	1312	KH
17625.0	1140	55555	G	Wales Radio Intl., Rampisham	English	Christmas story & Carols	2212	WB
17630.0	0712	33432	GAB	Africa No.1 via Moyabi	French	News	1312	KH
17680.0	1200	35333	UAE	NHK,R.Japan via Al Dhabbaya	Japanese	Endless Opening Annc.	3112	WB
17685.0	1420	12221	AFS	NHK,R.Japan via Meyerton	Japanese	Year End Hit Parade	3112	WB
17695.0	1120	55555	LBY	Radio Sebha	Arabic	Saharan Chants	0701	WB
17705.0	1257	43443	CHN	China National Radio	Chinese	Songs and Advts	3112	ZL
17735.0	1315	25322	TUN	RTV Tunisienne	Arabic	Talks	2012	KH
17775.0	2301	35333	MRA	KVOH	Spanish	Talk and Music	2512	KH
17805.0	1455	23222	D	Dem.Voice of Burma via Juleich	Burmese	Program	1012	WB
17815.0	1150	33322	AUT	Radio Africa Intl., via Moosbrunn	Vernacular	Program	2212	WB
17835.0	1155	35222	UAE	AWR via Al Dhabbyya	Mandarin	Sermons	2212	WB
17865.0	1135	22222	ASC	NHK,R.Japan via Ascension relay	Japanese	Year End Hit Parade	3112	WB
17885.0	1000	33333	KWT	Radio Pinoy via Radio Kuwait	Tagalog	ID,Music and Talk	3112	KH
18950.0	0900	45444	NOR	Radio Norway	Norwegian	Relays of domestic service	0601	IN
20276L	1115	44444	ARG	LR6 Radio Mitre, Buenos Aires	Spanish	Domingo tempranisimo	1301	ALS
21485.0	0940	45433	RUS	Voice of Russia	English	Jazz	1412	WB
21590.0	1158	22222	D	Voice of Hope,High Adventure		Carols	2212	WB
21597.6	1215	1712	UAE	UAE Radio , Dubai	Arabic	Talks	1712	WB
21695.0	1130	35333	G	NHK,R.Japan via Rampisham	Japanese	Year End Hit Parade	3112	WB
21810.0	0945	45433	RUS	Voice of Russia	English	Leningrad Jazz Band	1412	WB
21820.0	1358	35333	AUS	Radio Australia via Sheparton	English	Close down before New Year	3112	WB

Thanks a lot for your contributions:

ALS : Arnaldo L.Slaen, Argentina. Sony ICF 2010,RealisticDX-160 & GE Superradio with 15 metres long wire
AKB : Ashok Kumar Bose, Mississauga, Canada. SONY ICF-SW 7600 G with 0.7 metres Telescopic.
DC : Daniele Canonica, Switzerland. JRC 535 with 30 metres long wire + MLB + ALA 1530
GI : Gaku Iwata, Chiba, Japan. FRG 7700 / NRD 535D, AD30, 20 metres long wire
HY : Hiromitsu Yanagisawa, Saitama, Japan. Drake R8 with 10 metres long wire
IN : Iwao Nagatani, Kobe, Japan. NRD 525, AD-370 with 20 metres long wire
JY : Juichi Yamada, Japan. NRD-525, AR 7030 with SONY AN-1
KH : Kouji Hashimoto, Yamanashi, Japan. NRD 525, FRG 7 & RD 9830 with 35 metres long wire
RAD : Richard A.D'Angelo, Wyomissing, USA. Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Window Datong FL3 JPS ANC-4
RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD 535 HF with random long wires.
WB : Wolfgang Bueschel, Stuttgart, Germany AR 7030, SONY ICF 2010, Kenwood R-1000, Drake SPR-4 with 12 metres long wire YAESU FRT 7700 Antenna Tuner.
ZL : Zacharias Liangas,Thessalonki,Greece with Lowe HF-150,Sony ICF 7600D,Yupiteru MVT 7100

Dear Friends,

Welcome to the first issue of Logbook for this year. Looking in retrospective the last year was very eventful. The incident of 11th September saw many FM stations on the World Trade Centre being destroyed. Yet the conflict in Afghanistan indicated the growth of radio communications with many stations increasing their shortwave programming directed to the area.

While many radio stations are closing their international shortwave transmissions due to finances, the importance of radio during emergencies will remain.

The high sunspot with winter in northern hemisphere and long nights are conditions conducive of good DX and I hope some exotic loggings shall be pouring in.

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

Ashok Kumar Bose

SWL / Media Programs in English and German

Oct. 28th, 2001 - March 31st, 2002 – As of Jan. 20th, 2002

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

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

STL – Satellite transmission.

Monday

- 0000 RÖI Vienna, Hotline G – 13730 STL Astra EUR
 0205 RCI Montreal, E, Mailbag –
 6040 9755 11725 11990 STL Hotbird No&LatAM
 0205 RCI Montreal, E, Mailbag – 7235 15150 17860 SoAS
 0235 RKI Seoul, E – 7275 9560CAN 11725 11810 15575
 0300 KWHR Naalehu Hawaii, E, DXwCumbre – 17510
 0305 DW Cologne, G, except **1st**
 0400 RVI Brussels via Bonaire, E – 11985 STL
 0430 WHRI South Bend, E, DXwCumbre – 7315
 0600 WWCR Nashville, E, World of Radio – 3210
 0630 WWCR Nashville, E, Communications World – 3210
 0700 WWCR Nashville, E, Spectrum – 3210
 0706 Radio NZL Internat., E, alternate weeks – 11675
 1130 WRMI Miami (AWR Wavescan), E – 9955
 1310 Radio Prague, G, fortnightly – 6055 7345
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 1610 Radio Prague, G, fortnightly – 5930
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 1740 Radio Prague, G, fortnightly – 5990 STL
 1745 RÖI Vienna, Hotline G – 6155 13730 STL Astra EUR
 1800 Amateur Radio Mirror, Channel Africa, E –
 3215 7082usb
 2035 REE Madrid, E – 9595 9680
 2050 Radio Budapest, G – 3975 6025
 2110 Radio Prague, G, fortnightly –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 2115 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
 2135 Radio NZL Internat., E, alternate weeks – 15160
 2330 Radio Prague, G, fortnightly – STL WRN2 Afristar AF

Tuesday

- 0030 Radio Budapest, G –
 STL Euromax Astra/Hotbird, WRN2 Afristar AF

- 0410 Radio Prague, G, fortnightly –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 0520 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 0740 Radio Prague, G, fortnightly – 5930 7345
 0820 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 1110 Radio Prague, G, fortnightly – 7345 9880
 1130 WRMI Miami (AWR Wavescan), E – 9955
 1420 R Budapest, G –
 STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
 1503 RÖI Vienna, Matrix G – 6155 13730 STL Astra EUR
 1850 Radio Budapest, G – 3975 6025
 1900 RfPI Costa Rica, E, World of Radio – 15040 21815usb
 1905 hr2 Frankfurt, Medienjournal, G **4th** – FM STL
 1940 Radio Tashkent, G **1st 3rd** – 5025 5035 5060 7105
 9540 11905
 2000 RfPI Costa Rica, E, Continent of Media –
 15040 21815usb
 2055 Radio Polonia Warsaw, E – 5995 7165 7290 9540 STL
 2110 RHC Habana, E – 13660usb 13750
 2130 RAE Buenos Aires, G – 9690 15345
 2310 RHC Habana, E – 9550

Wednesday

- 0100 WBCQ, E, Off the Hook – 7415
 0100 RfPI Costa Rica, E, World of Radio – 15040
 0140 RHC Habana, E – 6000 9820 11705usb
 0200 RfPI Costa Rica, E, Continent of Media –
 7445usb 15040
 0340 RHC Habana, E – 6000 9820 11705usb
 0400 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF
 Euromax Astra/Hotbird
 Afristar NE/AF / Asiasat/Asiastar AS / TelStar V AM
 0540 RHC Habana, E – 9550 9820 9830usb
 0700 RfPI Costa Rica, E, World of Radio – 7445usb
 0700 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF
 Euromax Astra/Hotbird
 Afristar NE/AF / Asiasat/AsiaStar AS
 0718 HCJB Quito, E, Ham Radio Today – 9780 EUR
 0718 HCJB Quito, E, Ham Radio Today – 11755 21455usbPAC
 0905 Chronos hr Frankfurt, Die Welt der Medien, G – 594
 FM STL
 0918 HCJB Quito E, Ham Radio Today– 11755 21455usb PAC
 1030 WWCR Nashville, E, Communic. World – 9475 (3210Jan)
 1130 WRMI Miami (AWR Wavescan), E – 9955
 1300 RfPI Costa Rica, E, World of Radio – 21815usb
 1305 Chronos hr Frankfurt, Die Welt der Medien, G – 594
 FM STL
 1400 RfPI Costa Rica, E, Contin. of Media – 15040 21815usb
 1735 Radio NZL Internat., E, alternate weeks – 11725 / 15160

- 1825 Radio Polonia Warsaw, E – 5995 7285
STL WRN1 EUR/ME/AF / Euromax Astra/Hotbird
Afristar NE/AF / Asiasat/AsiaStar AS / TelStar V AM
- 1845 Radio UKR Internat. Kiev, G, fortnightly –
5905 7420 9560
- 1945 RAE Buenos Aires, E – 9690 15345
- 2018 HCJB Quito E, Ham Radio Today – 11890
- 2050 Radio Budapest, G – 3975 6025
- 2115 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
- 2145 Radio UKR Internat. Kiev, G, fortnightly – 5905

Thursday

- 0030 WBCQ1 Maine, E, World of Radio – 7415
- 0030 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0045 Radio UKR Internat. Kiev, G, fortnightly – 5905
- 0118 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
- 0130 Radio Australia, E, Media Report – 9660 12080
15240 15415 17580 17750 17795 21725
- 0245 RAE Buenos Aires, E – 6060 11710
- 0305 Radio NZL Internat., E, alternate weeks – 17675
- 0418 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
- 0520 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 0600 WBCQ, E, World of Radio – 7415
- 0820 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1030 Radio Australia, E, Media Report –
9580 11880 17750 21820
- 1130 WRMI Miami (AWR Wavescan), E – 9955
- 1325 Radio Polonia Warsaw, E – 6095 7270 9525 11820 STL
- 1330 WWCR Nashville, E, Communications World – 15685
- 1420 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
- 1530 Radio Australia, E, Media Report –
5995 6080 9475 9580 11650 11660
- 1745 RÖI Vienna, Hotline G – 6155 13730 STL Astra EUR
- 1915 Radio Bulgaria Sofia, G – 5800 9400
- 1935 Radio Tashkent, G – 5025 5035 5060 7105 9540 11905
- 2128 WWCR Nashville, E, World of Radio – 15685
- 2330 Radio Australia, E, Media Report –
9660 11695 12080 15230 15415 17715 17795 21740

Friday

- 1030 WWCR Nashville, E, World of Radio – 9475 (3210 Jan)
- 1130 Radio Bulgaria Sofia, G – 15700 17500
- 1130 WRMI Miami (AWR Wavescan), E – 9955
- 1200 WRN on Internet, E, World of Radio on-demand start
- 1330 BBC R4, World in Your Ear, E – LW 198, FM

- 1755 RÖI Vienna, DX Telegram G – 6155 13730 STL Astra
- 1803 RÖI Vienna, G – 5945 6155 STL Astra EUR
- 1900 RfPI Costa Rica, E, Contin. of Media – 15040 21815usb
- 1930 RÖI Vienna, G – 1476 STL Astra EUR
- 1930 RfPI Costa Rica, E, World of Radio – 15040 21815usb
- 1930 Radio NZL Internat., E, alternate weeks – 15160
- 2045 Radio Bulgaria Sofia, E – 5800 7500
- 2105 Radio Australia, E, Feedback – 7240 9500 9580 9660
11880 12080 17715 21740
- 2115 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
- 2130 RAE Buenos Aires, G – 9690 15345
- 2200 WHRA, E, DXwCumbre – 17650
- 2215 WWCR Nashville, Sp, Mundo Radial – 9475 (3210 Jan)
- 2330 HCJB Quito, E, DX Party Line – 11785 SoAS

Saturday

- 0005 Radio Australia, E, Feedback –
9660 12080 15240 15415 17580 17775 17795 21740
- 0045 Radio Bulgaria Sofia, E – 7400 9400
- 0100 RfPI Costa Rica, E, Cont. of Media – 15040
- 0105 Radio Tashkent, E, after 3rd Sat – 5955 5975 7215
- 0130 RfPI Costa Rica, E, World of Radio – 15040
- 0133 Voice of America, E, Communications World –
Pac/EaAS/SoAS 7115 7200 9850 11705 11820 15250
15300 17740 17820. No&LatAM 5995 6130 9455
EUR/ME/NoAF 1548 5995 6015 6105 7255 STL Hotbird
- 0303 RÖI Vienna, Intermedia G – STL Astra only EUR
- 0430 HCJB Quito, G via WRN – STL Astra EuroMax/Hotbird /
WRN2 AfriSat / AfriStar
- 0530 WHRA, E, DXwCumbre – 7580
- 0533 Voice of America, E, Communications World –
EUR/ME/NoAF 7170 9700 11825 15205 STL Hotbird
AF 909 5970 6035 6080 7295 11835 13710
AM 6035
- 0600 WWCR Nashville, E, World of Radio – 5070
- 0600 HCJB Quito, G – 9765 21455usb EUR
- 0600 WHRI South Bend, E, DXwCumbre – 5745 7315
- 0600 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
- 0605 Radio Australia, E, Feedback – 15240 15415 15515
- 0700 Voice of America, E, Communications World – 6873dsb
- 0700 HCJB Quito, E, DX Party Line – 9780 EUR
- 0700 HCJB Quito, E, DX Party Line – 11755 21455usb PAC
- 0700 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
- 0730 RfPI Costa Rica, E, World of Radio – 7445usb 15040
- 0830 WHRI South Bend, E, DXwCumbre – 5745 7315
- 0900 WRN1, E, World of Radio – STL Astra/Hotbird
Euromax EUR/ME/AF
AfriStar AF / AsiaSat / AsiaStar AS/Pac
- 0900 HCJB Quito, E, DX Party Line – 11755 21455usb PAC

- 0930 HCJB Quito, G – 9745 SoAM
 0930 WRN1, E, Communic. World – STL Astra/Hotbird
 EUR/ME/AF / AfriStar MultiChoice AF
 AsiaSat Usen440 AS/Pac
 0933 Voice of America, E, Communications World –
 EUR 1197 STL Eutelsat HotBird, Astra Digital STL
 ME/NE 15165 15235 17895
 Pac/EaAS/SoAS 11995 13615 15150
 1000 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
 1030 RÖI Vienna, Intermedia G –
 STL WRN Astra/Hotbird Euromax / WRN2 AfriStar
 1130 WRMI Miami (AWR Wavescan), E – 9955
 1200 WRN2, E, Communications World – STL TelStar V AM
 1227 RRI Bucharest, G – 15245 17745
 1245 Radio Bulgaria Sofia, E – 15700 17500
 1245 Voice of Turkey, G, fortnightly – 21530
 1300 RfPI Costa Rica, E, Contin. of Media – 21815usb
 1300 WHRI South Bend, E, DXwCumbre – 6040
 1330 RfPI Costa Rica, E, World of Radio – 21815usb
 1330 WHRI South Bend, E, DXwCumbre – 15105
 1333 Voice of America, E, Communications World –
 EUR 1197 STL Eutelsat HotBird, Astra Digital STL
 ME/NE 15170 15260 17630
 Pac/EaAS/SoAS 6110 9645 9760 11705 15425 STL
 1335 Radio Tashkent, E, **2nd** – 5975 6025 7285 9715
 1345 Voice of Turkey, E, fortnightly – 17690 17815
 1405 Radio Budapest, E – STL WRN TelStar V AM
 1500 WRN1, E, World of Radio – STL via TelStar V AM
 1530 HCJB Quito, G – STL WRN Astra EuroMax/Hotbird EUR /
 WRN2 AfriStar AF
 1605 DeutschlandFunk Cologne, G, Media Magazine
 1605 hr2 Frankfurt, Medienforum, G – FM STL
 1611 RRI Bucharest, G – 9570 11940 15390
 1730 RfPI Costa Rica, E, Contin. of Media – 15040 21815usb
 1733 Voice of America, E, Communications World –
 EUR 6040 9760 15205 STL Eutelsat HotBird
 AF 13710 15240 15445 17895
 Pac/EaAS/SoAS 6110 7125 9645 15395
 1755 RÖI Vienna, DX Telegram G –
 1476 6155 13730 STL Astra
 1800 RfPI Costa Rica, E, World of Radio – 15040 21815usb
 1830 Voice of Turkey, G, fortnightly – 9745
 1845 RKI Seoul, G – 6480 7275
 1900 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
 1900 WHRI South Bend, E, DXwCumbre – 13760
 1911 RRI Bucharest, G – 5960 7130
 1915 Radio Bulgaria Sofia, G – 5800 9400
 1945 Voice of Turkey, E, fortnightly – 7125
 2000 HCJB Quito, E, DX Party Line – 11890 EUR
 2000 WHRA, E, DXwCumbre – 17650
 2000 Voice of Mediterr. Malta, E – 7440
 2004 RÖI Vienna, G – 5945 6155 STL WRN Astra EUR
 2005 Radio Budapest, E – 6025 7135 STL WRN
 WorldSpace Afristar AF / AsiaSat / AsiaStar AS/Pac
 2030 Radio Belarus Minsk, G – 1170 7105 7210
 2035 Radio Tashkent, E, **2nd** – 5025 7105 11905
 2045 RKI Seoul, G – 7550 15575
 2100 HCJB Quito, E, Ham Radio Today – 11890 EUR
 2100 HCJB Quito, G – 11755 15550 21455usb EUR
 2110 RHC Habana, E – 13660usb 13750
 2130 Radio Belarus Minsk, G – 1170 7105 7210
 2133 Voice of America, E, Communications World –
 EUR/ME/NoAF 1197 1260 1548 6040 6095 6160
 7140 9530 9595 9760 STL Eutelsat HotBird EUR
 PAC/EaAS 9670 11870 15185 17735 17820
 AF 909 1530 6035 7415 11975 13710 15240
 15580 17895; AM 15580 17895
 2135 DW Cologne, E, last Sat – 9765 15275 17560
 2135 Radio Tashkent, E, **2nd** – 5025 7105 11905
 2145 Voice of Turkey, E, fortnightly – 9525
 2145 RKI Seoul via Skelton, G – 3955
 2205 Radio Budapest, E – 6025
 2225 Radio UKR Internat. Kiev, E – 5905 7240 9560
 2230 WHRA, E, DXwCumbre – 17650
 2235 REE Madrid, E – 9595 9680
 2235 Radio Budapest, E – 3975
 2245 Radio Bulgaria Sofia, E – 5800 7500
 2300 HCJB Quito, G – 11980 SoAM
 2310 RHC Habana, E – 9550
 2315 Voice of Turkey, E, fortnightly – 9655 9830
 2330 RfPI Costa Rica, E, Continent of Media –
 15040 21815usb
 2330 WRMI Miami (AWR Wavescan), E – 15725
 2330 WHRI South Bend, E, DXwCumbre – 9495
 2335 DW Cologne, E, last Sat – 9470 9815 13690 21790
- Sunday** _____
- 0000 RfPI Costa Rica, E, World of Radio – 15040 21815usb
 0000 WBCQ, E, The Real Amateur Radio Show – 7415
 0005 Radio Budapest, E –
 STL WRN Astra/Hotbird Euromax / WRN1 TelStar V AM
 0030 AWR Wavescan Abu Dhabi, E – 6025 6055
 0040 REE Madrid, E – 6055
 0100 AWR Wavescan Moosbrunn, E – 6160
 0100 HCJB Quito, E, DX Party Line – 9745 11840 21455usb
 0100 WHRI South Bend, E, DXwCumbre – 5745
 0125 Radio UKR Internat. Kiev, E – 7375 7420 9610
 0140 RHC Habana, E – 6000 9820 11705usb
 0140 REE Madrid, E – 6055
 0205 Radio Budapest, E – 9835
 0235 DW Cologne, E, last Sun – 1548 7285 9615 9765 11965
 0259 Vatican Radio, E – 7305 9605

- 0300 WWCR Nashville, E, Communications World – 5070
0305 Radio Australia, E, Feedback – 15240 15415 15515
0330 WWCR Nashville, E, World of Radio – 5070
0330 AWR Wavescan Abu Dhabi, E – 11795
0330 WHRA, E, DXwCumbre – 7580
0330 Radio Belarus Minsk, G – 1170 6070 7210
0335 Radio Budapest, E – 9835
0340 RHC Habana, E – 6000 9820 11705usb
0345 Radio Bulgaria Sofia, E – 7400 9400
0400 HCJB Quito, E, DX Party Line – 9745 11840 21455usb
0400 WWCR Nashville, E, Spectrum – 5070
0415 Voice of Turkey, E, fortnightly – 6020 7240
0425 Radio UKR Internat. Kiev, E – 7285 7375 7420 9610
0430 WHRI South Bend, E, DXwCumbre – 7315
0435 Radio Budapest, E – STL WRN TelStar V AM
WorldSpace Afristar AF / AsiaSat/AsiaStar AS/Pac
0500 WBCQ, E, Tom and Darryl – 7415
0530 RfPI Costa Rica, E, Continent of Media – 7445usb 15040
0535 RHC Habana, E – 9550 9820 9830usb
0540 REE Madrid, E – 6055
0600 RfPI Costa Rica, E, World of Radio – 7445usb
0705 DW Cologne, G, except **1st**
0728 WWCR Nashville, E, World of Radio – 3210
0730 WHRI South Bend, E, DXwCumbre – 5745
0800 RVI Brussels, E – 1512 5985 STL
0800 RCI Montreal, E, Mailbag, fortnightly – STL Hotbird only
0800 Amateur Radio Mirror, Channel Africa, E –
7082usb 9750 21560
0830 AWR Wavescan Moosbrunn, E – 9660 17820
STL Astra EUR/ME
0830 WHRA, E, DXwCumbre – 7580
0835 RKI Seoul, E – 9570 13670 STL
1000 AWR Wavescan KSDA Guam, E – 11705
1005 hr1 Frankfurt, Netzwerk, G – FM STL
1030 AWR Wavescan KSDA Guam, E – 11900
1105 DW Cologne, G, except **1st**
1115 Radio Bulgaria Sofia, G – 15700 17500
1130 RVI Brussels, E – 9865
1130 RfPI Costa Rica, E, Continent of Media – 7445usb
1130 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
1135 RKI Seoul via Sackville, E – 9650
1200 RfPI Costa Rica, E, World of Radio – 21815usb
1225 Radio UKR Internat. Kiev, E – 11720 11825 15520
1230 RVI Brussels, E – 1512 STL
1300 AWR Wavescan Abu Dhabi, E – 17870
1300 AWR Wavescan KSDA Guam, E – 15660
1330 AWR Wavescan Abu Dhabi, E – 15385
1330 AWR Wavescan KSDA Guam, E – 11755 11980 STL
1330 WRMI Miami (AWR Wavescan), E – 15725
1335 RKI Seoul, E – 9570 13670
1353 Vatican Radio, E – 15500 17550
1400 RÖI Vienna, Intermedia G –
STL WRN Astra/Hotbird Euromax / WRN2 AfriStar
1400 Voice of America, E, Communications World – 18275dsb
1430 AWR Wavescan KSDA Guam, E – 15660
1500 WRMI Miami (Communications World), E – 15725
1500 WRN1, E, Communications World – STL via TelStar V
1505 DW Cologne, G, except **1st**
1530 WRN1, E, Communications World –
STL Euromax Astra/Hotbird EUR/ME/AF
Eutelsat/Astra Digital EUR / AsiaSat AS/Pac
1530 WRN1, RVI Brussels, E – STL TelStar V AM / AsiastarAS
1600 WHRI South Bend, E, DXwCumbre – 15105
1605 Chronos hr Frankfurt, Netzwerk, G – 594 FM STL
1630 AWR Wavescan Abu Dhabi, E – 9890
1630 AWR Wavescan KSDA Guam, E – 11980
1635 RKI Seoul, E – 5975 9515 9870
1730 RÖI Vienna, G – 6155 13730 STL Astra EUR
1730 AWR Wavescan Abu Dhabi, E – 7455
1730 AWR Wavescan KSDA Guam, E – 9385 11560
1755 RÖI Vienna, DX Telegram G –
6155 13730 STL Astra EUR
1800 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
1830 RVI Brussels, E – 1512 9925 13685 13710
1905 DW Cologne, G, except **1st**
1930 RVI Brussels, E – STL WRN1 Euromax EUR/ME/AF /
TelStar V AM
1935 RKI Seoul, E – 5975 7275
2000 BBC R4, World in Your Ear, E – LW 198, FM
2030 RVI Brussels, E – 1512 9925 STL
2030 AWR Wavescan Slovakia, E – 5955
2030 AWR Wavescan Meyerton, E – 15195
2030 Radio Belarus Minsk, G – 1170 7105 7210
2105 RCI Montreal, E, Mailbag, fortnightly –
7235 7425 9770 9805 11600 13650 STL Hotbird
2130 AWR Wavescan Moosbrunn, E – 9660
2130 AWR Wavescan KSDA Guam, E – 11960 11980
2130 Radio Belarus Minsk, G – 1170 7105 7210
2135 RKI Seoul, E – 15575
2200 WRMI Miami (AWR Wavescan), E – 15725
2200 WBCQ, E, Communications World – 7415
2200 RCI Montreal, E, Mailbag, fortnightly – STL Hotbird only
2200 WHRI South Bend, E, DXwCumbre – 5745
2205 RKI Seoul via Skelton, E – 3955
2230 RVI Brussels via Bonaire, E – 13700 STL
2253 Vatican Radio, E – 7305 9600 11830
2305 DW Cologne, G, except **1st**