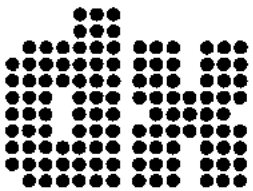


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magazine



WORLD WIDE DX CLUB



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

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

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DX MAGAZINE No. 11

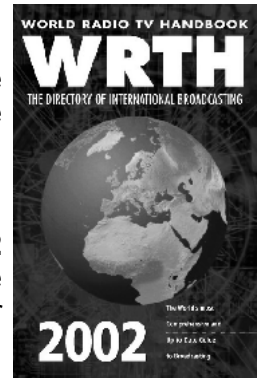
· Vol. XXXVI ·

November 2001

Hello again,

Welcome to another issue of our DX MAGAZINE. Please remember to order the new **WORLD RADIO TV HANDBOOK 2002** early this year, since it is scheduled to be available here in Europe in the beginning of December, as reported in our last DX MAGAZINE.

Bitte denken Sie daran, daß das neue **WORLD RADIO TV HANDBOOK 2002** in diesem Jahr schon Anfang Dezember erscheinen wird (s. DX MAGAZINE 10). Ihre Bestellung sollte daher schon Ende November bei uns vorliegen, wenn Sie bei der ersten Auslieferung dabei sein wollen.



Please note that I shall be on holidays from November 15th to December 7th. Therefore, no letters or E-mails can be replied during that time.

As I have announced already in German in our last issue, our DX MAGAZINE and "Radio-Kurier - weltweit hören" will be also available as PDF versions from January 2002. You will be able to receive both magazines *only* or *in addition to the printed version* as a PDF file. Since there are a lot of combinations, it would lead too far to mention all the prices here. Therefore, if you are interested to receive one or both of these magazines *only* or *in addition to the printed version* as a PDF file in the future, please contact us by E-Mail. We shall be pleased to inform you about the price for the combination(s) you are interested in.

By the way: Sample copies of the last issues of "Radio-Kurier - weltweit hören" can be downloaded at: <www.addx.de/online/online.htm> and of our DX MAGAZINE at <www.wwdx.de/online.htm>

The **A.I.R. Contest Attilio Leoni**, the annual Italian DX contest by Associazione Italiana Radioascolto, will take place from January 4th to 13th, 2002. For full information, please write to: A.I.R. Contest 2002, c/o Bruno Pecolatto, Casella Postale 1, I-10080 Valprato Soana (TO), Italy (E-mail: <pecolatto@eponet.it>).

From January 1st to 10th, 2002, EAWRC will have its **3rd EAWRC-EU-Contest** on the event of the introduction of the Euro currency in 11 European countries. Full details are available against return postage from: EAWRC-EU-Contest, Adolf Schwegeler, Bahnhofstr. 56, D-50374 Erftstadt-Liblar, Germany.

EAWRC also offers a new **HAC-Award** (Heard All Continents). Full details are also available against return postage from OM Adolf Schwegeler.

Im Siebel Verlag, Auf dem Steinbüchel 6, D-53340 Meckenheim, sind im Oktober Neuauflagen der nützlichen Bücher **Funk-Lexikon - Begriffe aus der Funktechnik leichtverständlich erklärt** und **Funk-Baken und Indikatorstationen - die nützlichen Hilfen zum Erkennen von Empfangschancen beim weltweiten Funkempfang** erschienen. Beide Bücher stammen von Dipl.-Ing. Gerd Klawitter. "Funk-Lexikon" hat einen Umfang von 176 Seiten und kostet DM 19,36 = € 9,90 (ISBN 3-89632-048-3). "Funk-Baken und Indikatorstationen" hat einen Umfang von 96 Seiten und kostet DM 15,45 = € 7,90 (ISBN 3-89632-055-6). Beide Bücher sind im Buchhandel oder direkt vom Verlag erhältlich.

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

BANGLADESH: *Bangladesh Betar* (Radio Bangladesh) External Service High Frequency Broadcasting Schedule B01. Effective from 10/29/01 to 03/24/02. Reports To: Senior Engineer (Research Wing) National Broadcasting Authority Bangladesh Betar, 121 Kazi Nazrul Islam Avenue Shahbag,Dhaka-1000,Bangladesh. Fax: +880-2-8612021, E-MAIL: rrc@aitlbd.net or dgbetar@bd.drik.net

UTC	LANG	FREQ	ZONE	AZIMUTH(deg)
1200-1300	G.O.S(ENG)	7185,9550	S/SE ASIA	60,125
1315-1345	NEPALESE	7185,9550	NEPAL	320
1400-1430	URDU	7185,9550	PAKISTAN	290
1515-1545	HINDI	7185,9550	INDIA	305
1600-1630	ARABIC	7185,9550	MIDDLE EAST	290,275
1630-1730	BENGALI	7185,9550	MIDDLE EAST	290,275
1745-1815	V.O.ISLAM(ENG)	7185,9550,15520	EUROPE	320
1815-1900	G.O.S(ENG)	7185,9550,15520	EUROPE	320
1915-2000	BENGALI	7185,9550,15520	EUROPE	320

(Alokesh Gupta; October 11, 2001)

CANADA: The Ontario DX Association is the QSL manager for the following stations:
 CFRB - 1010 kHz & CFRX - 6.070 MHz - QSL Manager - Steve Canney
 CHWO - 740 kHz QSL Manager - Brian Smith

Both stations and transmitters are located at Toronto, Ontario, Canada. We welcome reception reports for all over the world and now there is a new way to send in your reports. Visit our web site at <www.odxa.on.ca> and under "Station Guide" you will find an "Online Report" for both CFRB / CFRX and CHWO. Just click the site and fill in the information boxes and press submit. That's it. You can also send your reception report to our club email address at: <odxa@compuserve.com> or at our mailing address at: P. O. Box 161, Station A, Willowdale, Ontario, Canada M2N 5S8.

Any listener comments and hopefully encouraging words about CFRX should be directed to: Steve Kowch - Operations Manager: <Steve.Kowch@cfbr.com> 2 St. Clair Avenue West, 2nd Floor, Toronto, Ontario, Canada M4V 1L6

For CHWO - AM 740, contact: Gene Stevens - Programming Director: via <smith0004@home.com> P. O. Box 740, Station A, Toronto, Ontario, Canada M5W 4K6.

(Press Release, The Ontario DX Association - October 15, 2001)

CZECH REPUBLIC: Broadcast schedule B01 of *Radio Prague*, valid 28 October 2001 - 30 March 2002. Address: Radio Prague, Vinohradska 12, 120 99 Prague. Fax: +420-2-24218239. E-mail: <cr@radio.cz> and at the web <http://www.radio.cz>.

Program	UTC	kHz	kW	Area				
CZECH	0930-0950	15255	100	S.W. Europe	1300-1320	6055	200	C. Europe
		21745	100	E.Africa/ Mi. East		7345	100	W. Europe
	1030-1050	21745	100/10S.	Asia/ W. Africa	1600-1620	5930	200	W. Europe
		11640	100	N. Europe		1730-1750*	5990	250	W. Europe
	1200-1220	21745	100	S. Asia/ Australia	ENGLISH 0800-0820	11600	100	N.W. Europe
		6055	100	C. Europe		15255	100	N.W. Europe
	1330-1350	7345	100	W. Europe	1000-1020	21745	100/10	S. Asia/ W. Africa
		21745	100/10E.	Africa/ N. America	1130-1150	11640	100	N. Europe
	1430-1450	21745	100	W. Europe		21745	100	E. Africa/ Mi. East
		1630-1650	5930	100	C.& W. Africa	1400-1420	21745	100/10	E. Africa/ N. America
	1830-1850	5930	100	W. Europe	1700-1720	5930	200	N.W. Europe
		7315	100	E.Europe/Asia/Australia	17485	100	C.& W. Africa	
	2030-2050	5930	100	W. Europe	1800-1820	5930	200	N.W. Europe
		9430	100	S. Asia/ Australia		7315	100	E.Europe/Asia/Australia
	2200-2220	5930	100	S.W. Europe (S.America)	2100-2120	5930	100	N.W. Europe (N.America)
9435		100	S. America/S.W.Europe		9430	100	S.& E. Asia/ Australia	
0030-0050	7345	100	N. America	2230-2250	7345	100	N. America	
	11615	100	S. America		9435	100	W. Africa	
0230-0250	6200	100	N. America	2330-2350	7345	100	N. America	
	7345	100	S. America		9435	100	N. America	
0330-0350	7345	100	N. America	0100-0120	6200	100	N. America	
	9435	100	N. America		7345	100	N. America	
GERMAN 0730-0750	5930	100	W. Europe	0200-0220	6200	100	N. America	
	7345	100	Europe		7345	100	N. America	
1100-1120	7345	200	C. Europe	0400-0420	7345	100	N. America	
	9880	100	W. Europe		**7385	50	N. America	
					9435	100	N. America	

	0430-0450	9865	100	Mi. East/ S.W. Asia
		11600	100	Mi. East/ S.W. Asi
SPANISH	0830-0850	11600	100	S.W. Europe
		15255	100	S.W. Europe
	1500-1520	11600	100	S.W. Europe
		13580	100	S.W. Europe
	1900-1920	5930	100	S.W. Europe
		9430	100	S.W. Europe
	2000-2020	5930	100	S.W. Europe
		9430	100	S.W. Europe
	2130-2150	5930	100	S.W. Europe (S.America)
		9435	100	S.W. Europe
	0000-0020	7345	100	S. America
		11615	100	S. America
	0130-0150	6200	100	C. America
		7345	100	C. America
	0300-0320	6200	100	C. America
		7345	100	S. America
		**7385	50	N.W. of South America
FRENCH	0700-0720	5930	100	W. Europe
		7345	100	S.W. Europe
	0900-0920	11600	100	W. Europe
		15255	100	S.W. Europe

	1730-1750	5930	100	W. Europe
		17485	100	C. Africa
	1930-1950	5930	100	W. Europe
		9430	100	S.W. Europe/N.W. Africa
	2300-2320	7345	100	N. America
		9435	100	N. America
RUSSIAN	0500-0520	6055	100	E. Europe
		11600	100	E. Europe / S.W. Asia
	1230-1250	6055	200	E. Europe
		* 17495	250	E. Europe / W. Asia
		21745	100	E. Europe / S.W. Asia
	1530-1550*	5915	250	E. Europe
		11975	100	E. Europe
		13580	100	E. Europe / S.W. Asia
	1630-1650*	5990	250	E. Europe

Transmitters at Litomyšl 16E10 49N48
 * Relayed via Rimavská Sobota, Slovakia 20E00 48N23
 ** Relayed via WRMI Miami, Florida 80W22 25N54
 HOME SERVICE OF CZECH RADIO FOR EUROPE (IN CZECH)
 Mon. - Fri. 0300 - 2300 UTC 270 kHz LONG WAVE
 Sat. - Sun. 0400 - 2300 UTC
 Transmitter at Uherske Hradiste 17E30 49N10

(A. Volk - ADDX via WB, 2001 Oct 8)

EUROPE (USA / AUSTRIA): Trans World Radio - TWR Europe, transmission schedule winter season B01 28 Oct 2001 - 30 Mar 2002. Address: Trans World Radio, P.O.B. 141 A-1235 Vienna, AUSTRIA, Fax +43-1-863-12-20, E-mail eurofreq@twr-europe.at, TWR website: www.twr.org

SHORTWAVE TIME/UTC	DAYS	LANGUAGE	FREQ	PWR	AZI	ZONES
Trans World Radio - Monte Carlo, Monaco						
0745-0920	67	English	9870	100	324	27
0755-0920	12345	English	9870	100	324	27
0930-1015	7	German	7160	100	13	28
0930-1015	7	German	9795	500	26	28
1330-1345	4 7	Slovenian	7255	100	85	28
1330-1345	123 56	Croatian	7255	100	85	28
1400-1430	7	German	7160	100	13	28
1400-1430	7	German	9795	500	26	28
1430-1500	1234567	German	7160	100	13	28
1430-1500	1234567	German	9795	500	26	28
Trans World Radio - Jullich, Germany						
1130-1200	6	Slovak	7340	100	105	28,29
1330-1345	4 7	Slovenian	5945	100	130	28
1330-1345	123 56	Croatian	5945	100	130	28
1700-1745	6	Rumanian	5960	100	115	28
Trans World Radio - Nauen, Germany						
1700-1745	6	Rumanian	7315	125	115	28
Trans World Radio - Central Asia						
1200-1215	1234567	Korean	6240	100	78	30/31
1655-1710	1234567	Korean	5855	100	78	30/31
1710-1725	1234567	E/African	5855	100	78	30/31
1725-1740	67	Russian	5855	100	78	30/31
1725-1740	12345	Kazak	5855	100	78	30/31
1740-1755	67	Turkmen	5855	100	78	30/31
1740-1755	5	Turkish	5855	100	78	30/31
1740-1755	1234	Kirgis	5855	100	78	30/31
1755-1810	1234567	Uzbek	5855	100	78	30/31
1810-1840	7	Tajiki	5855	100	78	30/31
Day 1 = Mon .. 7 = Sun						
Trans World Radio - Cerrrik, Albania						
0530-0545	12345	Slovak	6235	100	350	28/29
0615-0630	1234567	Polish	9845	100	350	28
0745-0920	67	English	12070	100	310	27
0755-0920	12345	English	12070	100	310	27
0930-0945	23456	Hungarian	9490	100	350	28
1130-1200	6	Slovak	9490	100	350	28/29
1444-1459	7	Russian	11635	100	33	28/29/30
1444-1544	6	Russian	11635	100	33	28/29/30
1444-1559	2345	Russian	11635	100	33	28/29/30
1514-1559	1	Russian	11635	100	33	28/29/30
1600-1630	1234567	Polish	9440	100	350	28
1630-1645	67	Armenian	7395	100	90	29S/39N
1630-1645	7	Polish	9440	100	350	28
1630-1645	67	Armenian	9945	100	90	29S/39N
1630-1700	12345	Armenian	7395	100	90	29S/39N
1630-1700	12345	Armenian	9945	100	90	29S/39N
1715-1730	12 45	Czech	6205	100	350	28
1725-1810	7	Farsi	9960	100	90	30/40
1725-1810	7	Farsi	12100	100	90	30/40
1725-1840	123456	Farsi	9960	100	90	30/40
1725-1840	123456	Farsi	12100	100	90	30/40
1730-1800	1234567	Hungarian	6205	100	350	28
1805-1835	12345	Armenian	9445	100	130	29S/39N
1810-1826	7	Qashqai	9960	100	90	30/40
1810-1826	7	Qashqai	12100	100	90	30/40

1900-1915	1	Russian	6230	100	33	28/29/30
1900-1915	1	Russian	7335	100	33	28/29/30
1900-1945	234567	Russian	6230	100	33	28/29/30
1900-1945	234567	Russian	7335	100	33	28/29/30
1915-1945	1	Beloruss.	6230	100	33	28/29/30
1915-1945	1	Beloruss.	7335	100	33	28/29/30
2000-2015	123 7	Arabic	6240	100	240	46
2000-2015	123 7	Arabic	7350	100	240	46
Trans World Radio - Shijak, Albania						
0530-0545	12345	Slovak	7380	100	350	28/29
0615-0630	1234567	Polish	7380	100	350	28
0930-0945	23456	Hungarian	7385	100	350	28
1600-1630	1234567	Polish	7310	100	350	28
1630-1645	7	Polish	7310	100	350	28
1715-1730	12 45	Czech	7235	100	350	28
1805-1835	12345	Armenian	7375	100	130	29S/39N
Trans World Radio - Moosbrunn, Austria						
1444-1459	7	Russian	9495	100	55	28/29/30
1444-1544	6	Russian	9495	100	55	28/29/30
1444-1559	2345	Russian	9495	100	55	28/29/30
1514-1559	1	Russian	9495	100	55	28/29/30
Day 1 = Mon .. 7 = Sun						
LW & MW (LONGWAVE & MEDIUMWAVE)						
Trans World Radio - Roumoules, RMC France						
0328-0358	67	French	1388	2000	315	27
0341-0356	12345	French	1388	2000	315	27
0445-0515	1234567	German	1467	1000	25	28
1945-2000	12 5	Croatian	1467	1000	85	28
2000-2015	7	Berber/Sous	1467	1000	241	37,38
2000-2015	45	Albanian	1467	1000	85	28
2000-2015	23	Chinese/Mandarin	1467	1000	325	27,28
2000-2015	1	Berber/Tamazight	1467	1000	241	37,38
2015-2030	5	Spanish/European	1467	1000	241	27,28
2015-2030	1234 67	Albanian	1467	1000	85	28
2030-2100	1234567	German	1467	1000	25	28
2100-2130	12345	German	1467	1000	25	28
2100-2200	67	Arabic	1467	1000	241	37,38
2130-2200	12345	Berber/Kabyle	1467	1000	241	37,38
2200-2230	567	Arabic/English	1467	1000	241	37,38
2200-2230	1234	Arabic	1467	1000	241	37,38
2230-2300	1234567	Arabic	1467	1000	241	37,38
2300-2315	1234567	English	1467	1000	325	27
2315-2345	1 7	English	1467	1000	325	27
TRANS WORLD RADIO - FLLAKE, ALBANIA						
1925-1940	12	Bosnian	1395	500	330	28
1940-2015	1234567	Hungarian	1395	500	330	28
2015-2030	7	Russian	1395	500	330	28
2015-2030	6	Kurdish/Kirmanji	1395	500	330	28
2015-2030	5	Arabic	1395	500	330	28
2015-2030	4	Kurdish/Sorani	1395	500	330	28
2015-2030	3	Farsi	1395	500	330	28
2015-2030	2	Turkish	1395	500	330	28
2015-2030	1	Polish	1395	500	330	28
2030-2045	1234567	Croatian	1395	500	330	28
2045-2115	67	Bosnian	1395	500	330	28
2045-2115	12345	Croatian	1395	500	330	28
2115-2130	1234567	Slovak	1395	500	330	28
2130-2200	1234567	Czech	1395	500	330	28
Trans World Radio - St. Petersburg, Russia						

1900-1930	1234567	Lithuanian	1494	600	258	29NW	1740-1755	5	Turkish	864	1000	0	30,31
1930-2000	67	Lithuanian	1494	600	258	29NW	1740-1755	1234	Kirgis	864	1000	0	30,31
1930-2000	12345	Finnish	1494	600	258	18	1755-1810	1234567	Uzbek	864	1000	0	30
2000-2030	67	Latvian	1494	600	258	29NW	1810-1840	7	Tajiki	864	1000	0	30,31
2000-2030	12345	Swedish	1494	600	258	18	1810-1840	123456	Farsi	864	1000	0	39,40
2030-2100	67	Estonian	1494	600	258	29NW	1840-1910	1234567	Farsi	864	1000	0	39,40
2030-2100	12345	Norwegian	1494	600	258	18	1910-1925	1234567	Kurdish/Sorani	864	1000	0	39
Day 1 = Mon .. 7 = Sun							1930-1945	67	Kurdish/Kirmanji	1350	1000	262	39
Trans World Radio - Cape Creco, Cyprus							1930-2000	12345	Turkish	1350	1000	262	39
0255-0300	1234567	Arabic	1233	600	205	38,39,40	1945-2000	67	Turkish	1350	1000	262	39
0300-0315	7	Arabic/Iraqi	1233	600	205	38,39,40	2001-2031	5	Russian	1350	1000	232	39
0300-0315	6	Arabic	1233	600	205	38,39,40	2001-2031	1234 67	Hebrew	1350	1000	232	39
0300-0330	12345	Arabic	1233	600	205	38,39,40	2031-2101	1234 7	Hebrew	1350	1000	232	39
0315-0330	7	Arabic	1233	600	205	38,39,40	Trans World Radio - Grigoriopol, Moldova						
0315-0330	6	Arabic/Iraqi	1233	600	205	38,39,40	1830-1845	7	Ukrainian	999	500	0	29
2025-2045	1234567	Arabic	1233	600	205	38,39,40	1830-1900	123456	Ukrainian	999	500	0	29
2045-2100	2	Arabic/Sudanes	1233	600	205	38,39,40	1845-1900	7	Russian	999	500	0	29
2045-2100	1 34567	Arabic	1233	600	205	38,39,40	2000-2015	6	Russian	999	500	0	29
2100-2200	234	Arabic	1233	600	205	38,39,40	2000-2030	4	Ukrainian	999	500	0	29
2100-2215	567	Arabic	1233	600	205	38,39,40	2000-2030	23 5 7	Russian	999	500	0	29
2100-2230	1	Arabic	1233	600	205	38,39,40	2000-2030	1	Belorussian	999	500	0	29
Trans World Radio - Central Asia							2015-2030	6	Ukrainian	999	500	0	29
0400-0430	1234567	Armenian/East	864	1000	0	29	1800-1830	1234567	Bulgarian	1548	1000	245	28
1710-1725	1234567	English	864	1000	0	30,31	1830-1845	1234567	Romani/Balkan	1548	1000	245	28
1725-1740	67	Russian	864	1000	0	30,31	1845-1915	7	Macedonian	1548	1000	245	28
1725-1740	12345	Kazak	864	1000	0	30,31	1845-1915	123456	Romani/Kalderash	1548	1000	245	28
1740-1755	67	Turkmen	864	1000	0	30,31	1915-1945	1234567	Rumanian	1548	1000	245	28
							1945-2015	1234567	Serbian	1548	1000	245	28
							Day 1 = Mon .. 7 = Sun						

(TWR-EUROPE, Vienna Office, Frequency Coordination via Alokesh Gupta, 16 Oct 2001)

GREECE: ERT S.A., The *Voice Of Greece*, B01 short wave transmission schedule effective from 28/10/01 to 31/03/02.

Service Area	GMT/UTC	Frequencies	Languages
EUROPE	0000-0350	5865 7475	Gr
	0400-0550	9420 7475	Gr
	0600-0700	9420 15630	Gr, Eng
	0700-0800	9420 15630	Gr, Eng
	0800-1000	9420 15630	Gr, Eng
	1100-1200	15630	Gr
	1200-1300	9420 15630	Gr
	1300-1400	9420 15630	Gr
	1400-1500	9420 15630	Gr
	1500-1700	9420 15630	Gr
	1700-1800	9420 15630	Gr
	1800-1850	9420 15630	Gr
	1900-2000	7475 5865 12110	Gr
	2000-2100	7475 5865 12110	Gr
	2100-2200	7475	Gr
	2200-2300	7475	Gr
	2300-2400	7475 5865	Gr
Foreign Language Transmissions	1400-1430	15650	Gr,Ar
	1430-1657	11645	D,Rus,E,R,Tr
	1700-1800	12110	Sc,Bg
	1800-1900	12110	Al,F
	1900-2000	12110	Pl,Eng
MW	0900-1800	792	Gr,Ar,D,Rus,E,R,Tr
	2100-2230	792	Gr
	2300-2400	792	Gr
TASKEND	1200-1430	15650	Gr
M.EAST, INDIAN OCEAN	0000-0350	15630	Gr
	0400-0600	21530 17520	Gr
	0600-0700	21530 17520	Gr
	0700-0800	21530 17520	Gr
	1200-1430	15650	Gr,Ar
MW	1000-1500	1260	Gr,Ar,D
	2200-2230	1260	Gr
ATLANTIC OCEAN	0000-0400	7475 12110	Gr
	0400-0600	9420 7475	Gr
	0600-0800	15630 9420	Gr
	0800-1000	15630	Gr
	1100-1200	15630	Gr

	1200-1850	15630		Gr
	1900-2400	7475		Gr
AFRICA	0000-0357	12110		Gr
	2300-2400	12110		Gr
JAPAN, PACIFIC OCEAN	0600-0800	11900		Gr
AUSTRALIA	0000-0350	15630		Gr
	0400-0800	17520	21530	Gr
	0600-0800	11900		Gr
	1200-1430	15650		Gr,Ar
	2100-2257	9420	15650	Gr
	2300-2400	15650		Gr
NORTH AMERICA	0000-0550	7475		Gr
	1200-1500	11900		Gr
	1600-2200	17705		Gr
SOUTH AMERICA, PANAMA				
ZONE & SW AFRICA	0000-0357	12110		Gr
	2000-2200	17565		Gr
	2300-2400	12110		Gr

(1) Gr=Greek, Eng=English, Al=Albanian, Ar=Arabian, Bg=Bulgarian, F=French, E=Spanish, I=Italian Pl=Polish, P=Portuguese, R=Romanian, Rus=Russian, S=Swedish, Sc=Servocroatian, Tr=Turkish

LIVE AUDIO URL:<http://www.ert.ntua.gr>

Reports via e-mail: era5@ert.gr. Technical information: bcharalabopoulos@ert.gr

Radiofonikos Stathmos Makedonias (ERT S.A. MACEDONIA STATION, Thessaloniki-GRC)

EUROPE 1100-1950 9935

EUROPE 2000-2250 7430

ERA 5 'THE VOICE OF GREECE' Messogion 432, 15342, Ag. Paraskevi Attikis, Tel +301 6066308, 6066297, Fax +301 6066309

Macedonia Radio Station: Angelaki Str 2, 54621 Tel: +3031244979, Fax: +3031 236370

General Direction of ERA (Engineering Div.): Messogeion 432, 15342, Ag. Paraskevi Attikis Tel 301 606 6257 Fax +301 606 6243

(Ch. Caralabopoulos, technical department, via WWDXC-HQ; November 05, 2001)

INDIA: All India Radio - AIR, External Service B01 schedule. In each language service a composite program is presented consisting of a news bulletin, commentary, press review, talks on matters of general and cultural interest, occasional feature programs and documentaries, Indian classical and light classical music (Vocal and Instrumental music) as well as music of the area concerned. Broadcasting started in India in 1927 with the proliferation of private radio clubs. The operations of All India Radio began formally in 1936, as a government organization. With clear objectives to inform, educate and entertain the masses. When India attained Independence in 1947, AIR had a network of six stations and a complement of 18 transmitters. The coverage was 2.5% area and just 11% of the population. Rapid expansion of the network took place post Independence. AIR today has a network of 198 broadcasting centers with 145 medium frequency, 55 high frequency (SW) and 103 FM transmitters. The coverage is 90% area, serving 97.3% of the people in the largest democracy of the world. AIR covers 24 languages and 146 dialects in home service and in external services, it covers 24 languages. (Ed.)

ARABIC	0430-0530	13620	15770	ME
	1730-1945	9910	13620	
BALUCHI	1500-1600	1071	9620	11585 PAK
BARMER	0100-0130	9950	13630	Myanmar
	1215-1315	11620	11710	
BENGALI	0300-0430	594		BGD
	0800-1100	594		
	1445-1515	1134		
	1600-1730	1134		
CHINESE	1145-1315	11840	15795	17705 CHN
DARI	0300-0345	9845	9910	11735 AFG
	1315-1415	7255	9910	
ENGLISH	1000-1100	1053	15260	SLK
		11585	15020	17800 NoEaAS
		13700	17510	17895 AUS NZL
	1330-1500	11620	13710	SoEaAS

	1745-1945	7410	11620	EUR					
		11935	13605	15155	17670	AF			
	2045-2230	7410	9650	11620	EUR				
		7150	9910	11715	AUS	NZL			
	2245-0045	9705	9950	13605	Asia				
FRENCH	1945-2030	9910	13605	NoWeAF					
GUJARATI	0415-0430	15185	17715	EaAF					
	1515-1600	11620	15175						
HINDI	0315-0415	13695	15075	ME					
		15185	17715	EaAF					
	0430-0530	15075	15185	17715					
	1615-1730	7410	12025	13770	ME				
		13720	17670	EaAF					
	1945-2045	7410	11620	EUR					
	2300-2400	9910	11740	13795	SoEaAS				
INDONES.	0845-0915	15770	17510	INS					
MALAYALAM	1730-1830	7115	12025	ME					
NEPALI	0130-0228	594	3945	9810	NPL				
	0700-0800	7250	9595	11850					
	1330-1430	1134	3945	4860	6045	7410	11695		
PERSIAN	0400-0430	13620	15770	IRN					
	1615-1730	7115	9910						
PUNJABI	0800-0830	702	PAK						
	1230-1430	702							
PUSHTU	0215-0300	9845	9910	11735	13620	PAK,	AFG		
	1415-1530	7255	9910						
RUSSIAN	1615-1715	11620	15140	RUS					
SARAIKI	1130-1200	702	PAK						
SINDHI	0100-0200	1071	7125	11790	PAK				
	1230-1500	1071	9620	11585					
SINHALA	0045-0115	1053	11985	SLK					
	1300-1500	1053	9820						
SWAHILI	1515-1615	13720	17670	EaAF					
TAMIL	0000-0045	9910	11740	13795	SoEaAsia				
		1053	4790	9835	11985	SLK			
	0115-0330	1053							
	1100-1300	1053							
	1115-1215	17860	13700	15770	17810	SoEaAsia			
	1500-1530	1053	SLK						
TELEGU	1215-1245	13700	15770	17810	SoEaAsia				
THAI	1115-1200	13645	15235	17740	THA				
TIBETAN	0130-0200	9565	11900	13700	CHN				
	1215-1330	1134	9565	11695					
URDU	0015-0100	1071	PAK						
	0015-0430	702	6155	9595					
	0100-0430	11620							
	0200-0430	1071							
	0530-0600	13620	15770	(Haj Season only !)	Saudi Arabia				
	0830-1130	702	1071	7250	9595	11620	PAK		
	1430-1735	3945							
	1430-1930	702	4860	6045					
	1600-1930	1071	(AIR via Jose Jacob via BC-DX, 2001 Nov 2)						

ITALY: Schedule B01 from **RAI International** valid until 31 March 2002. Postal address RADIO ROMA - RAI International - Casella Postale 320 - 00100 Roma.

START STOP kHz / Language

NORTH AMERICA

1400	1425	17780	21520	Italian
1830	1905	15250	17780	Italian
2240	0055	9675	11800	Italian
0055	0115	9675	11800	English
0115	0130	9675	11800	French
0130	0315	9675	11800	Italian
0315	0335	9675	11800	Spanish

CENTRAL AMERICA

0130	0230	11765	Italian
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SOUTH AMERICA

2240	0055	9840	11755	Italian
0055	0115	9840	11755	Spanish
0115	0130	9840	11755	Portuguese
0130	0230	6110	Italian	
0130	0315	9840	11755	Italian
0315	0335	9840	11755	Spanish

SPAIN - NORTH WEST AFRICA					2000 2020 5960 7290	Danish
0435 0445 5965 7235	Italian	2000 2020 5960 7290	Esperanto			
0445 0500 5965 7235	English	CENTRAL AFRICA				
1430 1455 9670	Arabic	1700 1800 15320 17660	Italian			
1500 1525 9670 11880	Italian	2050 2110 15250	Portuguese			
1630 1655 9670 11910	French	EAST AFRICA - NEAR EAST				
1700 1800 9670 11910	Italian	0435 0455 15250 17780	Amharic			
2025 2045 6135 7290	Arabic	0455 0530 15250 17780	Italian			
2050 2110 6135 7290	Portuguese	0530 0550 15250 17780	Somali			
2110 2130 6135 7290	Spanish	0600 0620 11880 15250	Arabic			
NORTH EAST AFRICA					0630 1300 17710 21520	Italian
1430 1455 11890	Arabic	1630 1655 9725 11880 15330	Arabic			
1500 1525 11880	Italian	1700 1800 15330	Italian			
2135 2155 7290	Arabic	1910 1930 11880 15535 17780	Somali			
EAST EUROPE					2025 2045 7220 9710 11880	English
0405 0425 5965 7230 9690	Ukrainian	2050 2110 9710 11880	Portuguese			
0505 0525 5965 7130	Lithuanian	ASIA - FAR EAST - JAPAN				
0530 0550 5965 7130	Romanian	2205 2230 9675 11900	English			
0630 1300 9670 11800	Italian	AUSTRALIA - OCEANIA				
1335 1355 9670 11670	Albanian	1000 1100 11920	Italian			
1400 1415 9585 11670	Slovene	MEDITERRANEAN AREA				
1415 1435 9585 11670	German	1500 1525 9670	Italian			
1435 1455 9585 11670	Croatian	2300 0500 6060	Notturmo dall'Italia	Italian		
1500 1520 9560	Turkish	0500 2300 6060	9515 Radiouno	Italian		
1520 1540 9560	Greek	0500 2300 7175	Radiodue	Italian		
1540 1600 9560	Bulgarian	ITALIAN LANGUAGE PROGRAMS AND NEWS				
1810 1825 6110 7240	Czech	0130 0230 11765	Central America			
1825 1840 6110 7240	Slovak	0130 0230 6110	South America			
1840 1900 6110 7240	Polish	0130 0415 9840 11755	South America			
1910 1930 6015 7240	Serbian	0130 0415 9675 11800	North America			
1935 1955 6015 7240	Hungarian	0435 0445 5965 7235	Mediterranean			
2115 2135 6110 7125	Romanian	0455 0530 15250 17780	East Africa			
2135 2155 6110 7125	Czech	0630 1300 9670	Europe			
2155 2210 6110 7125	Slovak		11800 East Europe			
2210 2225 6110 7125	Polish		17710 21520 East Africa			
RUSSIA					1400 1425 17780 21520	North America
0345 0405 5965 7230 9690	Russian	1500 1525 9670 11880	Mediterranean			
0600 0620 7115 9670 11800	Russian	1555 1625 9670 11880	Europe			
1605 1625 9840 12010 15290	Russian	1700 1800 9670 11910	North Africa			
2000 2020 6125 7190 9670	Russian		15320 Central Africa			
WEST EUROPE						15330 East Africa
1530 1555 9670 11880	French	1830 1905 15250 17780	North America			
1555 1625 9670 11880	Italian	2200 0400 6060	Europe			
1805 1825 5990 9840	German	2240 0055 9840 11755	South America			
1935 1955 5970 9760	English	2200 0400 9675 11800	North America			
2000 2020 5960 7290	Swedish					

(RAI sked via WB, 23 Oct 2001)

LITHUANIA: Starting 2001 Oct-28, **Radio Vilnius** (Lithuanian Radio's Foreign Service) has changed its frequency for daily broadcasts to North America at 0000-0100. The new frequency is 7325 (replacing 11690). Other frequencies remain unchanged, and the full B-01 schedule is as follows:

To Europe:

0900-1000 Lithuanian, English 9710

To North America:

2300-2400 Lithuanian, English 9875

0000-0100 Lithuanian, English 7325

All transmissions originate from the Sitkunai Transmitting Station in Lithuania, nothing is relayed via any other stations. (RUS-DX #100-B, 29 Oct 2001)

PAKISTAN: **Radio Pakistan** external B01 schedule October 28, 2001 - 31.3.2002.

FREQ	STRT	STOP	CIRAF	ZONES	LOC	POWR	AZIMUTH	SLW	ANT	AFRQ	LANGUAGE
7100	0045	0215	41NW		ISL	100	0	0	25	7300	REGIONAL

7155	0400	1145	41NW	QTA	10	0	0	25	7300	REGIONAL
7225	0430	0515	41NW	ISL	100	0	0	25	7300	REGIONAL
7225	0530	0615	41NW	ISL	100	0	0	25	7300	REGIONAL
7265	1300	1800	41NW	ISL	100	0	0	25	7300	REGIONAL
7265	0900	1215	41NW	ISL	100	0	0	25	7300	REGIONAL
7320	1100	1400	41NW	PES	10	0	0	25	7300	REGIONAL
7335	1350	1400	41NW	ISL	100	0	0	25	7300	REGIONAL
7335	1420	1428	41NW	ISL	100	0	0	25	7300	REGIONAL
7375	1400	1430	40S	ISL	100	270	0	12	7375	TURKI
7375	1430	1515	29,30SE,40NE	ISL	100	313	0	1	7375	RUSSIAN
7385	1800	1900	40	ISL	100	260	0	11	9900	URDU
9395	1400	1430	40S	ISL	100	270	0	12	9900	TURKI
9395	1430	1515	29,30SE,40NE	ISL	100	313	12	1	9900	RUSSIAN
9400	1700	1900	18SE,27-29	ISL	250	313	12	2	9900	URDU
9580	0600	1115	41NW	ISL	100	0	0	25	9900	TAMIL
11545	1630	1700	29	ISL	100	282	12	3	12050	TURKISH
11545	1700	1745	40	ISL	100	260	0	11	12050	IRANI
11545	1745	1830	37-39	ISL	100	282	12	3	12050	ARABIC
11570	1330	1530	37-39	ISL	250	282	30	3	12050	URDU
11570	1600	1615	37-39	ISL	250	282	30	3	12050	ENGLISH
11570	1700	1900	18SE,27-29	ISL	250	313	12	2	12050	URDU
11650	0045	0115	41	ISL	100	147	0	11	12050	ASSAMI
11650	0115	0200	41	ISL	100	147	0	11	12050	BANGLA
11650	0200	0245	41	ISL	100	147	0	11	12050	HINDI
11650	0245	0315	41	ISL	100	147	0	11	12050	TAMIL
15100	1330	1530	37-39	ISL	250	282	30	3	15600	URDU
15100	1600	1615	37-39	ISL	250	282	30	3	15600	ENGLISH
15100	0500	0700	37-39	ISL	250	282	30	3	15600	URDU
15325	0330	0400	48S,52,53,57	ISL	100	233	0	65	15600	GUJRATI
15455	0045	0115	41	ISL	100	118	12	65	15600	ASSAMI
15455	0115	0200	41	ISL	100	118	12	65	15600	BANGLA
15455	0200	0245	41	ISL	100	118	12	65	15600	HINDI
15455	0245	0315	41	ISL	100	118	12	65	15600	TAMIL
15485	0045	0215	49-51,54	ISL	250	118	12	65	15600	URDU
15625	1000	1030	41	ISL	100	118	12	65	15600	TAMIL
15625	1030	1115	41	ISL	100	118	12	65	15600	HINDI
15625	1115	1145	41	ISL	100	118	12	65	15600	BANGLA
15625	1145	1215	41	ISL	100	118	12	65	15600	SINHALI
15625	1215	1245	41	ISL	100	118	12	65	15600	NEPALI
17520	0800	1104	18SE,27-29	ISL	250	313	12	49	17900	URDU,ENG
17750	1600	1615	48S,52,53,57	ISL	100	233	0	65	17900	ENGLISH
17825	0330	0400	48S,52,53,57	ISL	100	233	0	65	17900	GUJRATI
17895	0045	0215	49-51,54	ISL	250	118	12	3	17900	URDU
17895	1200	1230	42S,43-45	ISL	250	70	0	49	17900	CHINESE
21460	0500	0700	37-39	ISL	250	282	30	3	21850	URDU
21465	0800	1104	18SE,27-29	ISL	250	313	12	49	21850	URDU,ENG

AFRQ = alternative frequency (A. Volk - ADDX via WB, 2001 Oct 8)

PORTUGAL: B01 frequency schedule of **RDP Internacional** Lisboa. Postal address: RDP Internacional, Apartado 1011, P-1001 Lisboa, Portugal. All Transmissions in Portuguese.

Mon-Fri

EUR	0600-0900	9755	LPV	30	degr	/	11	dB	(x9580)
	0600-1300	9815	RHOS	52		/	20		(x11960)
	0745-0900	11660#	HRS	55		/	18		
	0900-1300	11875	LPV	30		/	11		(x15140)
	1700-2000+	11800	LPV	30		/	11		
	1700-2000+	11860	RHOS	52		/	20		
	1700-2000+	13585	RHOS	66		/	20		
ME	1400-1600	15490	RHOS	81.5		/	19		
AF	1100-1300	21830	HR	142		/	18		
	1700-2000+	17680%	HR	144		/	22		
USA/CAN	0600-0800	11675	RHOS	310		/	19		
	1300-2400*	15540	RHOS	294		/	20		

VEN	1800-1955*	17745	RHOS	261	/ 19	(additional)
	2000-2400*	13770	RHOS	261	/ 20	
Brazil/Capo Verde/Guinea						
	1100-1300	21655	RHOS	215	/ 20	
	1100-1300	21725	RHOS	215	/ 20	
	1700-2000	21655	RHOS	215	/ 20	
	1700-2000+	21800	RHOS	215	/ 20	
Tue-Sat						
USA/CAN	0000-0300	9715	RHOS	294	/ 19	
	0000-0300	11655	RHOS	310	/ 20	
VEN	0000-0300	13700	RHOS	261	/ 20	
Brazil	0000-0300	11980	RHOS	215	/ 18	
	0000-0300	13770	RHOS	215	/ 20	
Sat & Sun						
EUR	0800-1455	11875	RHOS	52	/ 20	
	0800-1455	15575	LVP	30	/ 11	
	0930-1100	11995#	HRS	55	/ 18	
	1500-2100+	13660	RHOS	52	/ 20	
	1500-2100	13790	LPV	30	/ 11	
	2000-2400*	11800	LPV	30	/ 11	
AF	0800-1755	21830	HR	142	/ 18	
	1800-2100+	17680%	HR	144	/ 22	
USA/CAN	1300-2100+	15540	RHOS	294	/ 20	
VEN	1300-2100	17745	RHOS	261	/ 19	
	2000-2400*	13770	RHOS	261	/ 20	
Brazil/Capo Verde/Guinea						
	0800-2100	21655	RHOS	215	/ 20	
	1300-2100+	21800	RHOS	215	/ 20	

All 100 kW from Centro Emissor de Onda Curta Sao Gabriel, except marked % = 300 kW.

marked which is via Pro-Funk [Deutsche Welle] Sines relay 250 kW.

+ Possibility to transmit and may be extended up to 2400 UTC.

* Special transmissions, reserved for extended schedule ONLY.

(C.R. de Assuncao Goncalves via WB, 2001 Oct 30)

RUSSIA: Radio "*Voice of Russia*" - Russian World Service Frequency schedule for the winter season 10/28/2001 – 03/30/2002:

To Europe:

2100-2200 9480, 7370, 6045, 1215, 999, 612, 603 kHz ;

0200-0400 1215 kHz ;

1300-1400 7170, 1143 kHz ;

1600-1700 7170, 1323, 1215, 612, 603 kHz ;

1800-1900 7360, 5950 kHz ;

2000-2100 7310, 7360, 7380, 5950, 1215, 612, 603 kHz.

To Australia, New Zealand and Pacific:

1300-1400 9490 kHz

To Asia:

1300-1400 15460*, 15510**, 9450, 7155, 6145 kHz;

1400-1500 15460*, 15510**, 9450, 7155, 6205, 5930, 1269 kHz.

* 28/10/2001 – 02/03/2002

** 03/03/2002 – 30/03/2002

To the Western Hemisphere:

0200-0400 17595, 17660**, 17565*, 15595, 12010, 9810, 9480, 7330, 7260, 7125 kHz.

0300-0400 9350 kHz

* 28/10/2001 – 02/03/2002

** 03/03/2002 – 30/03/2002

To Near and Middle East:

0200-0300 648 kHz;

1400-1500 9875**, 7315*, 1143 kHz;

1600-1700 12030, 9875**, 7315*, 1314, 1170 kHz;

2000-2100 7445, 1089 kHz.

* 28/10/2001 – 02/03/2002

** 03/03/2002 – 30/03/2002

To Caucasian region:

1600-1700 12030, 1170 kHz ;

2000-2100 7445, 1089 kHz.

To Belarus:

0200-0300, 1300-1400, 2000-2100 FM range (65,0...74,0 Åö) via local transmitters, and on the 3rd channel of the Wire (Cable) Radio Network

Special programme for the Caucasus in Arabic and Russian in 1600-1700 (Wed, Fri, Sat) 1170 kHz. This broadcast has NOTHING TO DO with "Commonwealth" and World Russian Service. (Pavel Mikhaylov in RUS-DX #100-B, 29 Oct 2001)

SEYCHELLES: The *Far East Broadcasting Association - FEBA*, a U.K. based religious international broadcaster with shortwave transmitters in Seychelles. Transmitter Site (SEY): 04 deg 36" S, 55 deg 28" E. B: Broad beam of 68deg at -6dB, CHR 2/3/0.5 N: Narrow beam of 35deg at -6db, CHR(S)4/3/0.5, slew +/-12 or 18deg. FEBA Radio is a Christian evangelical broadcaster and an autonomous member of the Far East Broadcasting Company which also operates Christian radio stations in the Philippines, Russia, Saipan and South Korea. Postal address: FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK. Fax: +44 1903 205294, E-mail: <reception@feba.org.uk>, Website: <http://www.feba.org.uk>. FEBA Radio - Mahe, Seychelles, Indian Ocean

Broadcast Schedule B01, Winter 2001 28th October 2001 to 31st March 2002.

Time UTC	Days	Languages	kHz	deg	Kw									
NORTH INDIA, NEPAL, TIBET														
0015-0030	smtw...	MARATHI	7265	040 B	100	0215-0230	smtwtf	SINDHI	9465	028 N	100			
0015-0030	...t..	ORIYA	7265	040 B	100	0230-0245	s....fs	BALUCHI	9465	028 N	100			
0015-0030	....f.	DZONKHA	7265	040 B	100	0230-0245	.mt....	BRAHUI	9465	028 N	100			
0015-0030	.....s	PUNJABI India	7265	040 B	100	0230-0245	...t..	BALUCHI S.Iran	9465	358 N	100			
0030-0100	s.twtfs	HINDI	7265	040 B	100	0215-0230	smtw..s	PUNJABI Pakistan	11640	028 N	100			
0045-0100	.m....	HINDI	7265	040 B	100	0230-0245	smtwtf	PASHTO	11640	028 N	100			
0100-0115	smtwt..	BANGLA	9465	040 N	100	0230-0245	smtwtf	PASHTO	15555	028 N	100			
0100-0115	.....s	ASSAMEESE	9465	040 N	100	0245-0300	smtwtf	DARI	11640	028 N	100			
0815-0900	...t..	HINDI	15460	040 N	100	0245-0315	.mtwtf.	DARI	15555	028 N	100			
1200-1230	smtwtf	TIBETAN	15445	040 N	100	0300-0330	s.....s	HAZARAGI	15555	028 N	100			
1230-1245	s.....	BHILI	15445	040 N	100	0315-0330	.mtwtf.	PASHTO	15555	028 N	100			
1230-1245	.mt....	MUNDARI	15445	040 N	100	0300-0330	smtwtf	PERSIAN	11640	358 N	100			
1230-1245	...w...	MARWARI	15445	040 N	100	0615-0630	....f.	BALUCHI S.Iran	15555	352 N	100			
1230-1245	...t..	NAGPURIA	15445	040 N	100	0630-0800	....f.	PERSIAN	15555	352 N	100			
1230-1245	....fs	BHOJPURI	15445	040 N	100	0800-0815	....f.	LURI	15555	352 N	100			
1245-1300	s.....	MARATHI	15445	040 N	100	1400-1445	smtwtf	URDU Pakistan	9485	040 B	100			
1245-1300	.mtwt..	PUNJABI India	15445	040 N	100	1445-1500	...wtf	HINDKO	9485	040 B	100			
1245-1315	....fs	BANGLA	15445	040 N	100	1445-1500	s.....	URDU Pakistan	9485	040 B	100			
1300-1315	s.....	KANGRI	15445	040 N	100	1445-1500	.t....	PUNJABI Pakistan	9485	040 B	100			
1300-1315	.m.wt..	ORIYA	15445	040 N	100	1500-1515	s...tfs	BALTI	9485	040 B	100			
1315-1330	smtwtf	GUJARATI	15445	040 N	100	1515-1530	sm..tfs	TURKMEN	9485	358 N	100			
1330-1345	sm.....	NEPALI	15445	040 N	100	1530-1545	smtwtf	UZBEK Southern	9485	358 N	100			
1330-1345	..twt..	CHATTISGARHI	15445	040 N	100	1545-1600	smtwtf	HAZARAGI	9485	358 N	100			
1330-1345	....f.	GUJARATI	15445	040 N	100	1600-1630	smtwtf	DARI	9485	028 N	100			
1330-1345	.....s	MAGHI	15445	040 N	100	1630-1645	smtwt.s	PASHTO	9485	028 N	100			
1400-1415	smtwt..	URDU India	11600	040 B	100	MIDDLE EAST								
1400-1445	....f.	HINDI	11600	040 B	100	0345-0445	smtwtf	ARABIC	15535	340 B	100			
1400-1430	.....s	HINDI	11600	040 B	100	0530-0600	....f.	SINHALA M.East	15535	340 B	100			
1415-1500	sm..t..	HINDI	11600	040 B	100	1100-1245	s.twtfs	ARABIC	15535	340 B	100			
1415-1445	..tw...	HINDI	11600	040 B	100	1100-1300	.m....	ARABIC	15535	340 B	100			
1445-1500	....f.	ENGLISH Slow	11600	040 B	100	1245-1300	.....s	ENGLISH Slow	15535	340 B	100			
1430-1500	.....s	KUMAUNI	11600	040 B	100	1745-1900	....f.	MALAYALAM M.East	11600	340 B	100			
1415-1445	smtwtf.	BANGLA	15445	040 N	100	1800-1830	...t..	MALAYALAM M.East	11600	340 B	100			
1430-1445	.....s	BANGLA	15445	040 N	100	EAST AFRICA, ETHIOPIA, SUDAN, INDIAN OCEAN								
SOUTH INDIA, MALDIVES, SRI LANKA														
0130-0200	smtwtf	TELUGU	9465	052 N	100	0315-0400	.m.w..s	SWAHILI	11885	280 B	75			
0100-0200	sm.wt..	TAMIL	7265	040 B	100	0315-0345	s.t.tf.	SWAHILI	11885	280 B	75			
0100-0145	..t..fs	TAMIL	7265	040 B	100	0345-0400	....f.	ENGLISH Slow	11885	280 B	75			
0145-0200	....fs	BADAGA	7265	040 B	100	0915-0930	smtwtf	FRENCH	15430	208 N	75			
0830-0845	....f.	ENGLISH S.Asia	15460	052 N	100	1100-1130	smtwtf	PORTUGUESE	15445	232 N	75			
0815-0830	.....s	TELUGU	15460	052 N	100	1515-1530	smtwtf	NUER	11885	280 B	75			
0830-0845	s.....	TAMIL	15460	052 N	100	1530-1545	smtwtf	DINKA	11885	280 B	75			
1330-1400	smtwtf	SINHALA	9795	052 N	100	1545-1615	.....s	MAKONDE	11885	280 B	75			
1330-1400	.mtwtf	TAMIL	11880	052 N	100	1600-1615	smtwtf.	MAKONDE	11885	280 B	75			
1330-1345	s.....	TAMIL	11880	052 N	100	1600-1630	s...tfs	AMHARIC	11640	322 N	100			
1345-1415	smtwtf	MALAYALAM	15445	052 N	100	1600-1630	.m....	GURAGENA	11640	322 N	100			
1445-1500	smt.tfs	TELUGU	15445	052 N	100	1615-1630	.tw...	GURAGENA	11640	322 N	100			
1445-1515	...w...	TELUGU	15445	052 N	100	1615-1700	smtw.fs	SWAHILI	11885	280 B	75			
1500-1515	s...tfs	MALAYALAM	15445	052 N	100	1615-1645	...t..	SWAHILI	11885	280 B	75			
1500-1530	s.....	KANNADA	11600	040 B	100	1630-1700	smtwtf	AMHARIC	11640	322 N	100			
1500-1515	.m.w.f.	KANNADA	11600	040 B	100	1700-1730	s....f.	OROMO	11640	340 B	100			
1500-1515	..t....	TULU	11600	040 B	100	1730-1745	.mtwtf	TIGRINYA	11640	340 B	100			
1500-1530	...t..	ENGLISH S.Asia	11600	040 B	100	1730-1800	s.....	TIGRINYA	11640	340 B	100			
1515-1600	.m....	ENGLISH S.Asia	11600	040 B	100	1700-1730	smtwtf	SOMALI	9485	340 B	100			
1515-1545	..tw.f.	ENGLISH S.Asia	11600	040 B	100	1700-1730	smtwtf	SOMALI	11885	280 B	75			
1530-1600	s.....	ENGLISH S.Asia	11600	040 B	100	1730-1745	sm..tfs	SOMALI	9485	340 B	100			
1645-1650	...w...	DHIVEHI	11605	052 N	100	1830-1900	sm..tfs	FRENCH	9525	280 B	75			
1630-1700	....f.	DHIVEHI	11605	052 N	100	1830-1845	.tw...	FRENCH	9525	280 B	75			
PAKISTAN, AFGHANISTAN, IRAN														
0200-0215	smtwtf	URDU Pakistan	11640	028 N	100	Transmitter Site (SEY): 04 deg 36" S, 55 deg 28" E.								
0200-0215	s...tfs	SIRAIKI	9465	028 N	100	B: Broad beam of 68deg at -6dB, CHR 2/2/0.8								
0200-0215	.mt....	HINDKO	9465	028 N	100	N: Narrow beam of 35deg at -6db, CHR(S)4/2/0.8,								
slew +/-12 or 18deg														
Schedule Engineer, FEBA Radio, Ivy Arch Road, WORTHING BN14 8BX, UK.														

(FEBA Website via HJB, 23 Oct 2001)

SWEDEN: Radio Sweden B01 Broadcast Schedule for the period Oct 28 '2001 to 31 March '2002 Address: S-105 10 Stockholm, Sweden. WWW: <<http://www.radiosweden.nu>> E-mail: <info@P6.sr.se> or <radiosweden@sr.se>.

En 0030-0100 WRN1 STL (Sat only)
 0130-0200 9495(alt.7290)(SoAS) STL
 0230-0300 9495*(alt.6020)(NoAM) * Sackville-CAN
 0330-0400 9495*(alt.9755)(WeNoAM) * Sackville-CAN
 1230-1300 18960(NoAM)
 1330-1400 9430 Oct-Feb/17505 March(NoEaAS&NZL), 18960(NoAM)
 17505(AUS&SoEaAS) STL
 1430-1500 17505(EaEUR&RUS, AUS&SoEaAS, ME/EaAF)(alt.9430), 18960(NoAM)
 1715-1745 HotBird STL
 1830-1900 6065 1179(exc Sun), 5840(Sun only, SoWeEUR) STL
 2030-2100 6065 1179(EUR), 9445(PHL/AUS/NZL)
 2130-2200 WRN STL
 2230-2300 6065 9435(SoWeEUR), 1179 (EUR)
 and STL to NoAM 1500 & 2130 EST WRN1 Galaxy Five.
 Est 1530-1545 1179(Baltic states) 101.5 MHz STL
 1700-1715(Sat/Sun) 6065 (EUR)
 1730-1745 5830(Baltic states/EaEUR/RUS/CIS)
 1800-1815(Mon-Sat) 6065 1179(Baltic states/EUR) STL
 Ge EUR 0530-0600 STL
 EUR 1930-2000(Mon-Sat), 1930-2030(Sun) 6065 1179 (EUR) STL
 EUR 2300-2330 STL
 Latv 1715-1730 6065 1179(Baltic states/EUR)
 1745-1800 5840(Baltic states/EaEUR/RUS/CIS) STL
 1815-1830(Mon-Sat) 6065 1179(Baltic states/EUR) STL
 Ru 1300-1330 17810(EaEUR, EaRUS&FE) STL
 1400-1430 9865(EaEUR, EURRUS)
 1730-1800 6050 6065(EaEUR, EURRUS), 1179(Baltics/WeRUS)
 1930-2000(daily) 5840(EaEUR, EURRUS)
 2000-2030(not Sun) 2x6065(EaEUR 85degr, EURRUS 190degr),
 1179(Baltics/WeRUS)
 Swe 0000-0030 9495(Southern SoAM&Canaries)
 0100-0130 9635(alt.7145) (SoAS/AUS), 9495(alt.7290) (Northern SoAM)
 0200-0230 9495*(alt.6080) (CeAM) * Sackville-CAN
 0300-0330 9495*(alt.9755) (WeNoAM) * Sackville-CAN
 0430-1530 1179 (EUR)
 0500-0530 9495(exc.Jan) 7155(Jan only) (WeNoAM)
 0500-0700(Mon-Fri) 6065(EUR) 17505(ME&EaAF)
 0600-0800(Mon-Fri) 9490(WeSoEUR&Canaries)
 0700-0900(Sat), 0800-1000(Sun) 6065(WeSoEUR&Canaries)
 17505(WeAF/Canaries/SoEUR)
 1100-1110 daily, 1110-1130(Sat/Sun) 9490(EUR) 21810(SoEUR&AF)
 17505(NoEaAS,KOR&NZL)
 1130-1140 daily, 1140-1200(Sat/Sun) 17505(SoAS&AUS)
 18960(NoAM), 21810(SoAM)
 1300-1315 9430 Oct-Feb/17505 March(NoEaAS&NZL), 18960(NoAM)
 1315-1330 17505 (AUS/SoEaAS), 18960(NoAM)
 1400-1415 17505(NoEaAS,KOR&NZL)(alt.9430), 18960(NoAM)
 1415-1430 17505(SoEaAS,AUS)(alt.9430), 18960(NoAM)
 1500-1530 17505(EaEUR&RUS, SoAS/PHL/AUS), 18960(NoAM)
 1545-1715(Mon-Fri), 1645-1700(Sat/Sun) 6065, 1179(EUR)
 1545-1600 18960(NoAM)
 1600-1630 5840(EaEUR/ME/EaAF)
 1645-1715(Mon-Fri) 1645-1700(Sat/Sun) 13765(ME&EaAF), 17505(SoWeEUR)
 1800-1900(Sun) 6065 1179 (EUR)
 1900-1930 6065 9765(SoWeEUR), 11615(ME/EaAF), 1179(EUR)
 2000-2030(Sun only) 6065 1179(EUR), 9445(PHL/AUS/NZL)
 2100-2200 6065 11615(SoWeEUR&Canaries, Southern SoAM) 1179(EUR)
 2200-2230 6065 7325(WeSoEUR), 1179(EUR)
 2300-2330 1179(EUR)

and STL Hot Bird-5, 13 degr Ea, v12.597 GHz
 R Sweden Sirius-2, 4.8 degr Ea, v12.245 GHz

0000-1300, 1400-1530, 1545-1715, 1800-1830, 1900-1930, 2000-2400.

RCI Montreal relay via Hoerby-SWE to Middle East/East Africa:

0330-0400 11605 135 degr

2015-2045 11600 135 degr

2100-2130 11600 135 degr (R. Sweden leaflet direct via WB, 2001 Oct 9)

SWITZERLAND: Schedule B01 of **Swiss Radio International - SRI**. Address: Swiss Radio International, Giacomettistrasse 1, CH-3000 Bern 15. Fax: +41-31-3509544, E-mail: technical@swissinfo.org, Web: <<http://www.swissinfo.org>>.

LANGUAGE	UTC	FREQ	STATION	kW	Azi	Target	Days 1=So
Arabic	1700-1730	9605	JUELICH	100	115	neAF/ME	1234567
Arabic	1700-1730	13790	JUELICH	100	115	neAF/ME	1234567
Arabic	1700-1730	15555	SOTTENS	500	140	eAF/ME	1234567
Arabic	1900-1930	9605	JUELICH	100	200	wAF/nwA	1234567
Arabic	1900-1930	13660	SOTTENS	500	165	eAF/neA	1234567
Arabic	1900-1930	15485	JUELICH	100	145	cAF/sAF	1234567
Arabic	1900-1930	17660	MONTINERY	500	115	cAF/sAF	1234567
English	0730-0800	9885	JUELICH	100	200	wAF/nAF	1234567
English	0730-0800	13635	JUELICH	100	160	nAF	1234567
English	0730-0800	17665	SOTTENS	500	165	cAF/sAF	1234567
English	0830-0900	21770	SOTTENS	500	165	cAF/sAF	1234567
English	1730-1800	9605	JUELICH	100	115	neAF/ME	1234567
English	1730-1800	13790	JUELICH	100	115	neAF/ME	1234567
English	1730-1800	15555	SOTTENS	500	140	eAF/ME	1234567
English	1930-2030	9605	JUELICH	100	200	wAF/nwA	1234567
English	1930-2030	13660	SOTTENS	500	165	eAF/neA	1234567
English	1930-2030	15485	JUELICH	100	145	cAF/sAF	1234567
English	1930-2030	17660	MONTINERY	500	115	cAF/sAF	1234567
English	2330-2400	9885	SOTTENS	500	230	SA	1234567
English	2330-2400	11660	MONTINERY	500	175	SA	1234567
French	0600-0630	9885	JUELICH	100	200	wAF/nAF	1234567
French	0600-0630	13635	JUELICH	100	160	nAF	1234567
French	0600-0630	17665	SOTTENS	500	165	cAF/sAF	1234567
French	1000-1030	21770	SOTTENS	500	165	cAF/sAF	1234567
French	1800-1815	9605	JUELICH	100	115	neAF/ME	1234567
French	1800-1815	13790	JUELICH	100	115	neAF/ME	1234567
French	1800-1815	15555	SOTTENS	500	140	eAF/ME	1234567
French	2100-2130	9605	JUELICH	100	200	wAF/nwA	1234567
French	2100-2130	13660	SOTTENS	500	165	eAF/neA	1234567
French	2100-2130	15485	JUELICH	100	145	cAF/sAF	1234567
French	2100-2130	17660	MONTINERY	500	115	cAF/sAF	1234567
French	2200-2230	9885	SOTTENS	500	230	SA	1234567
French	2200-2230	11660	MONTINERY	500	175	SA	1234567
German	0630-0700	9885	JUELICH	100	200	wAF/nAF	1234567
German	0630-0700	13635	JUELICH	100	160	nAF	1234567
German	0630-0700	17665	SOTTENS	500	165	cAF/sAF	1234567
German	0930-1000	21770	SOTTENS	500	165	cAF/sAF	1234567
German	2030-2100	9605	JUELICH	100	200	wAF/nwA	1234567
German	2030-2100	13660	SOTTENS	500	165	eAF/neA	1234567
German	2030-2100	15485	JUELICH	100	145	cAF/sAF	1234567
German	2030-2100	17660	MONTINERY	500	115	sAF	1234567
German	2230-2300	9885	SOTTENS	500	230	SA	1234567
German	2230-2300	11660	MONTINERY	500	175	SA	1234567
Italian	0700-0730	9885	JUELICH	100	200	wAF/nAF	1234567
Italian	0700-0730	13635	JUELICH	100	160	nAF	1234567
Italian	0700-0730	17665	SOTTENS	500	165	cAF/sAF	1234567
Italian	0900-0930	21770	SOTTENS	500	165	cAF/sAF	1234567
Italian	1630-1700	9605	JUELICH	100	115	neAF/ME	1234567
Italian	1630-1700	13790	JUELICH	100	115	neAF/ME	1234567
Italian	1630-1700	15555	SOTTENS	500	140	eAF/ME	1234567
Italian	1830-1900	9605	JUELICH	100	200	wAF/nwA	1234567
Italian	1830-1900	13660	SOTTENS	500	165	eAF/neA	1234567
Italian	1830-1900	15485	JUELICH	100	145	cAF/sAF	1234567
Italian	1830-1900	17660	MONTINERY	500	115	cAF/sAF	1234567

Italian 2300-2330 9885 SOTTENS 500 230 SA 1234567
 Italian 2300-2330 11660 MONTSINERY 500 175 SA 1234567
 (Hans Weber via WB, 2001 Sep 25)

THAILAND: *Radio Thailand* World Service Broadcast Schedule B01. For listeners in all parts of the world, on short-wave, relayed over transmitters in Ban Dung, Udon Thani, Northeastern Thailand, on frequencies shared with the Voice of America, as stated below. Address: Radio Thailand World Service, External Services, 236 Vibhavadi Rangsit Highway, Huaykhwang, Bangkok 10400, Thailand. Website <http://www.prd.go.th>

UTC	Language	Direction	Frequency
0000-0030	English	Europe-Africa	9680
0030-0100	English	US-East	13695
0100-0200	Thai	US-East	13695
0300-0330	English	US-West	15460
0330-0430	Thai	US-West	15460
0530-0600	English	Europe	13780
1000-1100	Thai	Asia-Pacific	7285
1100-1115	Vietnamese	Asia-Pacific	7285
1115-1130	Khmer	Asia-Pacific	7285
1130-1145	Lao	Asia-Pacific	6040
1145-1200	Burmese	Asia-Pacific	6040
1200-1215	Malaysian	Asia-Pacific	11805
1215-1230	Indonesian	Asia-Pacific	11805
1230-1300	English	Asia-Pacific	9810
1300-1315	Japanese	Asia-Pacific	7145
1315-1330	Mandarin	Asia-Pacific	7145
1330-1400	Thai	Asia-Pacific	7145
1400-1430	English	Asia-Pacific	9530
1800-1900	Thai	Asia-Pacific	11855
1900-2000	English	Europe	9535
2000-2015	German	Europe	9535
2015-2030	French	Europe	9535
2030-2045	English	Europe	9535
2045-2115	Thai	Europe	9535

(Alokesh Gupta; October 16, 2001)

TURKEY: B01 operational schedule of *Voice of Turkey* - *VOT*. Address: Voice of Turkey, PO Box 333, Yenisehir 06443, Ankara, Turkey. Fax: +90-312-490-9845/9846.

Transmitter Sites:

CAKIRLAR 32 E 40 39 N 58

EMIRLER 32 E 51 39 N 29

	LANGUAGE	FREQUENCY (kHz)	TRANSMISSION HOURS (UTC)		SITE	POWER (kW)
EUROPE	Albanian	11910	1230	1330	CAK	250
	Bosnian	5990	1900	2000	CAK	500
	Bulgarian	7140	1430	1530	EMR	250
	Croatian	9595	1700	1730	EMR	250
	English	6020	0400	0500	EMR	500
	English	17815	1330	1430	EMR	500
	English	7125	1930	2030	EMR	500
	English	9830	2300	2400	EMR	500
	English	9655	2300	2400	EMR	500
	French	6140	2030	2130	EMR	500
	German	21530	1230	1330	EMR	500
	German	9745	1830	1930	EMR	500
	Greek	11855	1130	1230	EMR	500
	Greek	6195	1530	1630	EMR	250
	Hungarian	17565	1030	1130	EMR	500
	Macedonian	11895	0900	1000	EMR	250
	Rumanian	11930	1030	1130	CAK	250
	Serbian	11935	1430	1500	EMR	250
	Spanish	11670	1730	1800	EMR	500
	Turkish	9460	0800	2200	CAK	500

	Turkish	15350	0800	1700	CAK	500
	Turkish	5980	1700	2300	CAK	250
	Turkish	9460	2200	0800	CAK	500
	Turkish	7300	2300	0500	EMR	500
NORTH AMERICA	English	6020	0400	0500	EMR	500
	English	9655	2300	2400	EMR	500
	English	9830	2300	2400	EMR	500
	Turkish	9460	2200	0800	CAK	500
	Turkish	7300	2300	0500	EMR	500
AUSTRALIA	English	17690	1330	1430	EMR	500
	English	9525	2130	2230	EMR	500
	Turkish	21715	1000	1300	EMR	500
	Turkish	17745	1300	1700	EMR	500
	Turkish	9560	1700	2300	EMR	500
ASIA	Arabic	15105	1000	1200	EMR	500
	Arabic	15245	1000	1200	EMR	500
	Arabic	9505	1500	1700	CAK	250
	Azerbaijani	11835	0800	0930	CAK	250
	Azerbaijani	15505	0800	0930	EMR	500
	Azerbaijani	5965	1500	1600	EMR	500
	Chinese	17715	1200	1300	EMR	500
	English	7240	0400	0500	EMR	500
	English	17690	1330	1430	EMR	500
	English	9525	2130	2230	EMR	500
	Georgian	11690	0800	0900	EMR	500
	Greek	9630	1130	1230	CAK	250
	Kazakh	7295	1600	1700	EMR	500
	Kyrgyz	6095	1700	1800	CAK	500
	Persian	11795	0930	1030	CAK	250
	Persian	17690	0930	1030	EMR	500
	Persian	11705	1330	1500	CAK	250
	Russian	11980	1400	1500	EMR	500
	Russian	6135	1800	1900	CAK	500
	Tatar	5955	1900	2000	EMR	250
	Turkish	11925	0500	1000	CAK	250
	Turkish	11955	0500	1700	CAK	250
	Turkish	17570	0500	1000	EMR	500
	Turkish	17690	0500	0800	EMR	500
	Turkish	21715	1000	1300	EMR	500
	Turkish	17745	1300	1700	EMR	500
	Turkish	6120	1700	0500	CAK	250
	Turkish	9560	1700	2300	EMR	500
	Turkmen	9545	1630	1730	EMR	500
	Urdu	17715	1300	1400	EMR	500
	Uzbek	7115	0200	0300	EMR	500
	Uzbek	5955	1800	1900	EMR	500
AFRICA	Arabic	15105	1000	1200	EMR	500
	Arabic	15195	1500	1700	EMR	500
	Arabic	9505	1500	1700	CAK	250
	English	7240	0400	0500	EMR	500
	French	6050	2030	2130	CAK	500
	Turkish	11955	0500	1700	CAK	250
	Turkish (*)	1786	1100	1600	EMR	500
	Turkish	6120	1700	0500	CAK	250
	Turkish	6185	1800	2300	EMR	500

(*) : Fridays only. (via Benno Klink via WB, 2001 Oct 22)

UKRAINE: Radio Ukraine International - RUI B01 complete schedule (28.10.01-30.03.02).

kHz	UTC	Tx	Azi. Target
5905	1600-0100	Kyiv	266 W.Europe
6020	0700-1500	Kyiv	ND C.Europe
7240	2000-2400	Kyiv	307 N.-W.Europe
7285	0300-0700	Mykolaiv	004 N.-E.Europe

7285 1700-2200 Mykolaiv 004 N.-E.Europe
 7375 0000-0500 Mykolaiv 314 N.America
 7420 0100-0700 Kyiv 074 Russia, N.Kazakhstan
 7420 1400-2000 Kyiv 074 Russia, N.Kazakhstan
 9560 1600-2400 Kyiv 264 W.Europe
 9600 0600-1300 Kyiv 264 W.Europe
 9610 0000-0500 Kharkiv 055 Russia
 9610 1400-1900 Kharkiv 055 Russia
 11720 0600-1400 Kharkiv 262 S.-W.Europe
 11825 0600-1600 Kyiv 093 C.Asia
 11840 0900-1200 Kharkiv 055 Russia
 15520 0800-1500 Kharkiv 290 W.Europe

The output of all SW txs is 100 kW, except on 7375 kHz where the power is 1000 kW.
 Schedules of progrs in various languages are as follows:

German (one hour long): 1800 on 5905, 7420, 9560 kHz; 2100 on 5905, 7240, 9560 kHz;
 0000 on 5905 kHz.

English (one hour long): 2200 on 5905, 7240, 9560 kHz; 0100 on 7375, 7420, 9610
 kHz; 0400 on 7285, 7375, 7420, 9610 kHz; 1200 on 11720, 11825, 15520 kHz.

Ukr. progrs are txed on all freqs and at all times except for the time reserved for
 Ge and En progrs, as shown above.

Romanian (half an hour long): on 657 kHz MW Chernivtsi, 25 kW, at 1800, 2030, 2200.
 (Alexander Yegorov in RUS-DX #100-B; October 16, 2001)

UNITED KINGDOM: BBC World Service, operational schedule B01 part 1. Part 2 of
 schedule will be published in DXM next month.

Freq	From	To	Days	Site	KW	deg	Language	Target										
3255	0300	0500	smtwtfs	Meyerton	100	0	ENGLISH	S AF	6050	2030	2100	.mtwtf.	Cyprus	250	7	TURKISH	SE EUR	
3255	1700	2200	smtwtfs	Meyerton	100	0	ENGLISH	S AF	6050	2100	2115	.mtwtf.	Rampisham	500	115	ALBANIAN	SE EUR	
3390	0430	0500	smtwtfs	Meyerton	100	76	PORTUGUESE	S AF	6065	0000	0030	smtwtfs	Nakhon Sawan	250	325	BURMESE	SE AS	
3390	1730	1745	smtwtfs	Meyerton	100	76	BBC ENGLISH	AF	6065	0030	0100	smtwtfs	Masirah	100	78	BENGALI	S AS	
3390	2030	2100	smtwtfs	Meyerton	100	76	PORTUGUESE	S AF	6065	0100	0130	smtwtfs	Masirah	100	45	HINDI	S AS	
3915	1600	1800	smtwtfs	Singapore	100	1	ENGLISH	SE AS	6065	0130	0200	smtwtfs	Masirah	100	45	URDU	SW AS	
3915	2100	2200	smtwtfs	Singapore	100	340	ENGLISH	SE AS	6065	1300	1530	smtwtfs	Kimjae	250	290	MANDARIN	CHN	
3915	2200	2300	smtwtfs	Singapore	100	160	INDONESIAN	SE AS	6065	1700	1730	smtwtfs	Masirah	100	45	HINDI	S AS	
3915	2300	0030	smtwtfs	Singapore	100	160	ENGLISH	SE AS	6065	1730	1745	smtwtfs	Masirah	100	45	URDU	SW AS	
5875	0000	0115	smtwtfs	Skelton	300	230	SPANISH	S AM	6065	1745	1800	smtwtfs	Masirah	100	45	BBC ENGLISH	S AS	
5875	0000	0115	smtwtfs	Rampisham	500	260	SPANISH	C AM	6080	2200	2300	smtwtfs	Singapore	250	140	INDONESIAN	SE AS	
5875	0115	0130	.twtf.	Skelton	300	230	SPANISH	S AM	6080	2300	2330	smtwtfs	Singapore	250	13	VIETNAMESE	SE AS	
5875	0115	0130	.twtf.	Rampisham	500	260	SPANISH	C AM	6080	2330	2400	smtwtfs	Singapore	250	340	THAI	SE AS	
5875	0200	0230	smtwtfs	Cyprus	300	89	PASHTO	W AS	6090	1830	1900	smtwtfs	Masirah	100	345	PERSIAN	ME	
5875	0300	0330	smtwtfs	Rampisham	500	76	RUSS CASIA	C AS	6110	0000	0115	smtwtfs	Antigua	125	235	SPANISH	S AM	
5875	0330	0430	.mtwtf.	Rampisham	500	47	RUSSIAN	RUSS	6110	0000	0115	smtwtfs	Ascension	250	235	SPANISH	S AM	
5875	0300	0430	.mtwtf.	Woofferton	300	75	RUSSIAN	RUSS	6110	0000	0115	smtwtfs	Antigua	125	290	SPANISH	C AM	
5875	0500	0600	.mtwtf.	Rampisham	500	76	UKRAINIAN	UKR	6110	0115	0130	.twtf.	Antigua	125	235	SPANISH	S AM	
5875	1500	1515	.mtwtf.	Cyprus	250	314	SERBIAN	SE EUR	6110	0115	0130	.twtf.	Ascension	250	235	SPANISH	S AM	
5875	1600	1700	smtwtfs	Cyprus	300	7	TURKISH	SE EUR	6110	0115	0130	.twtf.	Antigua	125	290	SPANISH	C AM	
5875	1700	1730	smtwtfs	Cyprus	300	7	UKRAINIAN	UKR	6110	0300	0345	smtwtfs	Antigua	125	235	SPANISH	S AM	
5875	1730	1800	smtwtfs	Cyprus	300	7	BBC ENGLISH	UKR	6110	0300	0345	smtwtfs	Antigua	125	290	SPANISH	C AM	
5875	1800	1900	smtwtfs	Cyprus	300	77	AZERI	C AS	6110	0345	0400	.twtf.	Antigua	125	235	SPANISH	S AM	
5875	1900	2000	smtwtfs	Cyprus	300	359	RUSSIAN	RUSS	6110	0345	0400	.twtf.	Antigua	125	290	SPANISH	C AM	
5875	2000	2100	.mtwtf.	Cyprus	300	359	RUSSIAN	RUSS	6110	0445	0600	smtwtfs	Rampisham	500	160	ARABIC	N AF	
5875	2100	2130	.mtwtf.	Cyprus	300	359	RUSSIAN	RUSS	6110	1100	1130	.mtwtf.	Greenville	250	200	SPANISH	CARIB	
5965	0000	0200	smtwtfs	Masirah	100	45	ENGLISH	S AS	6110	1100	1130	.mtwtf.	Rampisham	500	168	ARABIC	N AF	
5965	0000	0100	smtwtfs	Masirah	100	92	ENGLISH	S AS	6110	1800	2115	smtwtfs	Rampisham	500	168	ARABIC	N AF	
5965	2100	2400	smtwtfs	Nakhon Sawan	250	45	ENGLISH	FE	6110	2100	2200	smtwtfs	Yamata	300	290	ENGLISH	FE	
5965	2100	2115	smtwtfs	Cyprus	250	314	SERBIAN	SE EUR	6110	2200	2300	smtwtfs	Nakhon Sawan	250	25	MANDARIN	CHN	
5975	0400	0500	smtwtfs	Antigua	125	235	ENGLISH	S AM	6120	0330	0430	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS	
5975	0400	0500	smtwtfs	Antigua	125	290	ENGLISH	CARIB	6130	0500	0515	smtwtfs	Skelton	300	110	SERBIAN	SE EUR	
5975	1500	1830	smtwtfs	Nakhon Sawan	250	290	ENGLISH	S AS	6130	1100	1130	.mtwtf.	Delano	250	115	SPANISH	C S AM	
5975	2100	2115	smtwtfs	Antigua	250	160	ENGLISH	CARIB	6130	1300	1330	.mtwtf.	Delano	250	126	SPANISH	C S AM	
5975	2115	2130	smtwtfs	Antigua	250	160	ENGLISH	CARIB	6135	0400	0600	smtwtfs	Delano	250	121	ENGLISH	C AM	
5975	2130	0400	smtwtfs	Antigua	250	160	ENGLISH	CARIB	6135	0430	0500	smtwtfs	Meyerton	250	32	PORTUGUESE	S AF	
5990	1630	1700	smtwtfs	Nakhon Sawan	250	325	BENGALI	S AS	6135	2030	2100	smtwtfs	Meyerton	250	32	PORTUGUESE	S AF	
5990	1900	2000	smtwtfs	Rampisham	500	47	RUSSIAN	RUSS	6140	1400	1445	smtwtfs	Masirah	100	106	HINDI	S AS	
5990	2000	2100	.mtwtf.	Rampisham	500	47	RUSSIAN	RUSS	6140	1515	1545	smtwtfs	Masirah	100	106	SINHALA	S AS	
5990	2100	2130	.mtwtf.	Rampisham	500	47	RUSSIAN	RUSS	6140	1545	1615	smtwtfs	Masirah	100	106	TAMIL	S AS	
5995	0300	0345	smtwtfs	Delano	250	125	SPANISH	C S AM	6155	0430	0500	smtwtfs	Ascension	250	65	FRENCH	W AF	
6005	0300	0400	smtwtfs	Ascension	250	102	ENGLISH	S AF	6155	0530	0600	smtwtfs	Ascension	250	55	HAUSA	W AF	
6005	0400	0705	smtwtfs	Ascension	250	27	ENGLISH	W AF	6180	0630	0645	smtwtfs	Skelton	300	110	BBC ENGLISH	SE EUR	
6005	0705	0720	smtwtfs	Ascension	250	27	BBC ENGLISH	W AF	6180	0645	0700	smtwtfs	Skelton	300	110	BBC ENGLISH	C EUR	
6005	1700	1746	smtwtfs	Seychelles	250	285	ENGLISH	E AF	6180	2215	2245	smtwtfs	Cyprus	250	314	CYPRUS	EUR	
6005	1746	1800	smtwtfs	Seychelles	250	270	SWAHILI	E AF	6190	0300	0500	smtwtfs	Meyerton	100	15	ENGLISH	S AF	
6005	1800	1830	smtwtfs	Seychelles	250	300	SOMALI	E AF	6190	0500	1700	smtwtfs	Meyerton	100	0	ENGLISH	S AF	
6005	1830	2100	smtwtfs	Seychelles	250	285	ENGLISH	E AF	6190	1700	2200	smtwtfs	Meyerton	100	15	ENGLISH	S AF	
6005	2100	2200	smtwtfs	Seychelles	250	255	ENGLISH	S AF	6195	0000	0100	smtwtfs	Singapore	125	90	ENGLISH	SE AS	
6010	0500	0530	.mtwtf.	Skelton	300	110	TURKISH	SE EUR	6195	0000	0100	smtwtfs	Singapore	125	1	ENGLISH	SE AS	
6010	0530	0545	smtwtfs	Skelton	300	110	BBC ENGLISH	SE EUR	6195	0100	0200	smtwtfs	Nakhon Sawan	250	0	ENGLISH	FE	
6010	0545	0600	smtwtfs	Rampisham	500	105	SERBIAN	SE EUR	6195	0300	0500	smtwtfs	Rampisham	500	62	ENGLISH	RUSS	
6010	1800	1815	.mtwtf.	Rampisham	500	105	CROATIAN	SE EUR	6195	0400	0700	smtwtfs	Rampisham	500	105	ENGLISH	EUR	
6010	1900	2000	.twtf.	Skelton	250	150	SLBC	S,WEUR	6195	0500	0700	smtwtfs	Rampisham	500	168	ENGLISH	W EUR	
6015	0900	1000	smtwtfs	Cyprus	300	7	TURKISH	SE EUR	6195	0900	1300	smtwtfs	Nakhon Sawan	250	0	ENGLISH	FE	
6030	1630	2115	smtwtfs	Masirah	100	305	ARABIC	ME	6195	1000	1100	smtwtfs	Antigua	250	160	ENGLISH	CARIB	
6035	2200	2330	smtwtfs	Kimjae	250	270	MANDARIN	CHN	6195	1130	1200	smtwtfs	Antigua	250	160	ENGLISH	CARIB	
6035	2330	2400	smtwtfs	Kimjae	250	270	ENGLISH	FE	6195	1200	1220	.mtwtf.	Antigua	250	160	ENGLISH	CARIB	
6050	1700	1730	smtwtfs	Cyprus	250	315	SERBIAN	SE EUR	6195	1220	1400	smtwtfs	Antigua	250	160	ENGLISH	CARIB	
6050	1800	1830	smtwtfs	Cyprus	250	315	ALBANIAN	SE EUR	6195	1300	1700	smtwtfs	Singapore	125	90	ENGLISH	SE AS	
6050	1830	1845	.m.w...	Cyprus	250	315	BBC ENGLISH	SE EUR	6195	1300	1700	smtwtfs	Singapore	125	1	ENGLISH	SE AS	
6050	1900	1930	smtwtfs	Cyprus	250	335	ROMANIAN	SE EUR	6195	1430	1530	smtwtfs	Rampisham	500	140	PERSIAN	W EUR	
									6195	1530	1615	smtwtfs	Rampisham	500	140	PASHTO	W EUR	

6195	1615	1700	smtwtfs	Rampisham	500	140	PERSIAN	W	EUR	5150	1235	1300	smtwtfs	Singapore	100	340	THAI	SE	AS	
6195	1700	2000	smtwtfs	Rampisham	500	62	ENGLISH	RUSS		9510	1515	1545	smtwtfs	Singapore	100	270	SINHALA	S	AS	
6195	1700	2000	smtwtfs	Rampisham	500	140	ENGLISH	W	EUR	9510	1545	1615	smtwtfs	Singapore	100	270	TAMIL	S	AS	
6195	2000	2300	smtwtfs	Rampisham	500	168	ENGLISH	W	EUR	9510	1700	1830	smtwtfs	Nakhon Sawan	250	255	ENGLISH	S	AS	
6195	2000	2300	smtwtfs	Cyprus	250	327	ENGLISH	EUR		9510	2100	2115	smtwtfs	Cyprus	250	315	SERBIAN	SE	EUR	
6195	2100	2200	smtwtfs	Nakhon Sawan	250	150	ENGLISH	SE	AS	9515	0300	0345	smtwtfs	Delano	250	125	SPANISH	C	S	AM
6195	2200	2400	smtwtfs	Singapore	125	90	ENGLISH	SE	AS	9515	0345	0400	..twtfs	Delano	250	125	SPANISH	C	S	AM
6195	2200	2400	smtwtfs	Singapore	125	1	ENGLISH	SE	AS	9525	0100	0400	smtwtfs	Okeechobee	50	285	ENGLISH	C	AM	
6195	2300	2400	smtwtfs	Rampisham	500	140	ENGLISH	W	EUR	9525	1730	1745	smtwtfs	Meyerton	500	355	BBC ENGLISH	AF		
7105	0400	0430	smtwtfs	Ascension	250	85	SWAHILI	E	AF	9530	1600	1700	smtwtfs	Lampertheim	100	104	TURKISH	SE	EUR	
7105	0430	0500	smtwtfs	Ascension	250	85	FRENCH	W	C	AF	9530	1700	1730	smtwtfs	Lampertheim	100	75	UKRAINIAN	UKR	
7105	0530	0600	smtwtfs	Ascension	250	65	HAUSA	W	AF	9530	1730	1800	smtwtfs	Lampertheim	100	75	BBC ENGLISH	UKR		
7105	0600	0629	smtwtfs	Ascension	250	27	FRENCH	W	AF	9575	1300	1345	smtwtfs	Singapore	100	160	INDONESIAN	SE	AS	
7105	1530	1615	smtwtfs	Cyprus	250	89	PASHTO	W	AS	9575	1345	1430	smtwtfs	Singapore	100	340	BURMESE	SE	AS	
7105	1615	1700	smtwtfs	Cyprus	250	89	PERSIAN	ME		9575	1430	1500	smtwtfs	Singapore	100	13	VIETNAMESE	SE	AS	
7105	1800	1815	.mtwtf.	Rampisham	500	105	CROATIAN	SE	EUR	9580	2200	2300	smtwtfs	Nakhon Sawan	250	20	MANDARIN	CHN		
7105	1830	1900	smtwtfs	Cyprus	250	89	PERSIAN	ME		9600	0000	0030	smtwtfs	Masirah	100	92	BURMESE	SE	AS	
7105	2200	0100	smtwtfs	Singapore	100	1	ENGLISH	SE	AS	9600	0030	0100	smtwtfs	Singapore	250	330	BBC ENGLISH	S	AS	
7110	1500	1515	.mtwtf.	Biblis	100	126	CROATIAN	SE	EUR	9605	0900	1030	smtwtfs	Yamata	300	290	ENGLISH	FE		
7120	2100	2115	smtwtfs	Rampisham	500	105	SERBIAN	SE	EUR	9605	1030	1100	smtwtfs	Yamata	300	290	BBC ENGLISH	FE		
7125	2030	2100	smtwtfs	Meyerton	500	335	PORTUGUESE	S	AF	9605	1100	1530	smtwtfs	Yamata	300	290	MANDARIN	CHN		
7130	0330	0430	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS		9605	1630	1700	smtwtfs	Singapore	100	330	BENGALI	S	AS	
7130	0500	0515	.mtwtf.	Rampisham	500	95	ROMANIAN	SE	EUR	9605	1700	1730	smtwtfs	Singapore	100	315	HINDI	S	AS	
7135	1100	1130	smtwtfs	Singapore	100	140	INDONESIAN	SE	AS	9605	1730	1745	smtwtfs	Singapore	100	315	URDU	S	AS	
7135	1130	1200	smtwtfs	Singapore	100	13	VIETNAMESE	SE	AS	9605	1745	1800	smtwtfs	Singapore	100	315	BBC ENGLISH	S	AS	
7135	1200	1215	smtwtfs	Singapore	100	13	BBC ENGLISH	CHN		9610	0245	0300	smtwtfs	Seychelles	250	270	BBC ENGLISH	E	AF	
7135	1235	1300	smtwtfs	Singapore	100	340	THAI	SE	AS	9610	0300	0329	smtwtfs	Seychelles	250	270	SWAHILI	E	AF	
7135	1300	1345	smtwtfs	Singapore	100	140	INDONESIAN	SE	AS	9610	0530	0600	smtwtfs	Ascension	250	55	HAUSA	W	AF	
7135	1345	1430	smtwtfs	Singapore	100	340	BURMESE	SE	AS	9610	0600	0629	smtwtfs	Ascension	250	27	FRENCH	W	AF	
7135	1430	1500	smtwtfs	Singapore	100	13	VIETNAMESE	SE	AS	9630	1700	1746	smtwtfs	Seychelles	250	270	ENGLISH	E	AF	
7140	0300	0715	smtwtfs	Cyprus	300	170	ARABIC	ME		9630	1746	1800	smtwtfs	Seychelles	250	270	SWAHILI	E	AF	
7140	1200	2115	smtwtfs	Cyprus	300	170	ARABIC	ME		9630	1800	1830	smtwtfs	Seychelles	250	295	SOMALI	E	AF	
7160	0300	0700	smtwtfs	Ascension	250	65	ENGLISH	W	C	AF	9630	1830	2100	smtwtfs	Seychelles	250	270	ENGLISH	E	AF
7160	1600	1800	smtwtfs	Singapore	100	1	ENGLISH	SE	AS	9635	0500	0515	smtwtfs	Cyprus	250	314	SERBIAN	SE	EUR	
7160	2200	2300	smtwtfs	Nakhon Sawan	250	40	MANDARIN	CHN		9635	0700	0715	smtwtfs	Rampisham	500	47	RUSSIAN	RUSS		
7160	2300	2330	smtwtfs	Nakhon Sawan	250	40	VIETNAMESE	SE	AS	9635	1130	1145	smtwtfs	Biblis	100	126	SERBIAN	SE	EUR	
7165	0230	0230	smtwtfs	Cyprus	250	77	PASHTO	W	AS	9635	1500	1600	.mtwtf.	Cyprus	250	50	RUSSIAN	RUSS		
7165	0230	0330	smtwtfs	Cyprus	250	77	PERSIAN	ME		9635	1600	2100	.mtwtf.	Cyprus	250	359	RUSSIAN	RUSS		
7205	0430	0500	smtwtfs	Meyerton	500	335	PORTUGUESE	S	AF	9635	2100	2130	.mtwtf.	Cyprus	250	359	RUSSIAN	RUSS		
7205	1400	1445	smtwtfs	Nakhon Sawan	250	305	HINDI	S	AS	9660	2200	2300	smtwtfs	Brandon	10	10	ENGLISH	SE	AS	
7205	1445	1500	smtwtfs	Nakhon Sawan	250	305	BBC ENGLISH	S	AS	9670	0100	0130	smtwtfs	Masirah	100	78	HINDI	S	AS	
7205	1500	1545	smtwtfs	Nakhon Sawan	250	305	URDU	S	AS	9670	0130	0200	smtwtfs	Masirah	100	78	URDU	SW	AS	
7205	1545	1615	smtwtfs	Nakhon Sawan	250	255	TAMIL	S	AS	9670	0300	0330	smtwtfs	Cyprus	250	37	RUSS CASIA	C	AS	
7205	1630	1700	smtwtfs	Singapore	250	340	BENGALI	S	AS	9670	0330	0430	.mtwtf.	Cyprus	250	359	RUSSIAN	RUSS		
7205	1700	1730	smtwtfs	Singapore	250	315	HINDI	S	AS	9670	1100	1130	.mtwtf.	Antigua	250	270	SPANISH	C	AM	
7205	1730	1745	smtwtfs	Singapore	250	315	URDU	S	AS	9670	1300	1330	.mtwtf.	Delano	250	125	SPANISH	C	S	AM
7205	2100	2115	.mtwtf.	Cyprus	250	314	ALBANIAN	SE	EUR	9680	1500	1545	smtwtfs	Singapore	100	315	URDU	S	AS	
7205	2215	2245	s....fs	Cyprus	250	314	CYPRUS	EUR		9685	1800	1830	smtwtfs	Skelton	300	125	ALBANIAN	SE	EUR	
7210	0400	0415	.mtwtf.	Rampisham	500	95	ROMANIAN	SE	EUR	9685	1830	1845	.m.w...	Skelton	300	125	BBC ENGLISH	SE	EUR	
7210	0500	0515	smtwtfs	Rampisham	500	105	SERBIAN	SE	EUR	9710	0600	0629	smtwtfs	Rampisham	500	140	FRENCH	N	AF	
7210	0600	0610	.mtwtf.	Rampisham	500	105	CROATIAN	SE	EUR	9740	0900	1600	smtwtfs	Singapore	125	25	ENGLISH	SE	AS	
7210	0630	0700	smtwtfs	Rampisham	500	115	ALBANIAN	SE	EUR	9740	0900	1600	smtwtfs	Singapore	125	135	ENGLISH	SE	AS	
7225	1330	1400	smtwtfs	Nakhon Sawan	250	300	BENGALI	S	AS	9740	1600	1800	smtwtfs	Singapore	250	315	ENGLISH	S	AS	
7230	1730	1745	smtwtfs	Meyerton	250	20	BBC ENGLISH	AF		9740	1800	2000	smtwtfs	Nakhon Sawan	250	300	ENGLISH	ME		
7230	1745	1800	smtwtfs	Meyerton	250	20	SWAHILI	E	AF	9740	2200	2300	smtwtfs	Singapore	250	90	INDONESIAN	SE	AS	
7230	1800	1830	smtwtfs	Meyerton	250	76	FRENCH	S	AF	9740	2300	2330	smtwtfs	Singapore	250	13	VIETNAMESE	SE	AS	
7235	0300	0329	smtwtfs	Rampisham	500	140	SWAHILI	E	AF	9740	2330	2400	smtwtfs	Singapore	250	330	THAI	SE	AS	
7235	1700	1730	smtwtfs	Nakhon Sawan	250	300	HINDI	S	AS	9750	1800	1900	smtwtfs	Lampertheim	100	92	AZER	CAU		
7235	1730	1745	smtwtfs	Nakhon Sawan	250	300	URDU	S	AS	9750	2030	2100	.mtwtf.	Rampisham	500	105	TURKISH	SE	EUR	
7245	1300	1530	smtwtfs	Nakhon Sawan	250	25	MANDARIN	CHN		9750	2100	2115	.mtwtf.	Rampisham	500	115	ALBANIAN	SE	EUR	
7255	1800	1900	smtwtfs	Cyprus	250	77	AZERI	C	AS	9760	2215	2245	s....fs	Cyprus	250	315	CYPRUS	EUR		
7255	2100	2115	smtwtfs	Rampisham	500	95	ROMANIAN	SE	EUR	9770	0200	0300	smtwtfs	Seychelles	250	280	ENGLISH	E	AF	
7260	0500	0600	.mtwtf.	Skelton	300	90	UKRAINIAN	UKR		9780	1700	1730	smtwtfs	Cyprus	250	314	SERBIAN	SE	EUR	
7320	0100	0130	smtwtfs	Cyprus	300	102	HINDI	S	AS	9790	0030	0100	smtwtfs	Nakhon Sawan	250	325	BENGALI	S	AS	
7320	0130	0200	smtwtfs	Cyprus	300	102	URDU	SW	AS	9815	1000	1200	smtwtfs	Nakhon Sawan	250	45	ENGLISH	FE		
7320	0300	0330	smtwtfs	Cyprus	300	47	RUSS CASIA	C	AS	9825	0000	0115	smtwtfs	Ascension	250	265	SPANISH	S	AM	
7320	0330	0430	.mtwtf.	Cyprus	300	359	RUSSIAN	RUSS		9825	0115	0130	..twtfs	Ascension	250	265	SPANISH	S	AM	
7325	0300	0345	smtwtfs	Skelton	300	260	SPANISH	C	AM	9825	0300	0445	smtwtfs	Skelton	300	110	ARABIC	ME		
7325	0345	0400	..twtfs	Skelton	300	260	SPANISH	C	AM	9825	0445	0715	smtwtfs	Skelton	300	180	ARABIC	N	AF	
7325	0445	0715	smtwtfs	Rampisham	500	168	ARABIC	N	AF	9825	1200	1600	smtwtfs	Nakhon Sawan	250	45	ENGLISH	FE		
7325	1600	1800	smtwtfs	Cyprus	250	359	RUSSIAN	RUSS		9825	1600	1900	smtwtfs	Rampisham	500	47	RUSSIAN	RUSS		
7325	1800	2000	smtwtfs	Rampisham	500	62	RUSSIAN	RUSS		9825	1800	2000	smtwtfs	Woofferton	300	70	RUSSIAN	RUSS		
7325	2000	2100	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS		9825	2000	2100	.mtwtf.	Woofferton	300	70	RUSSIAN	RUSS		
7325	2100	2130	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS		9825	2100	2130	.mtwtf.	Woofferton	300	70	RUSSIAN	RUSS		
7330	1100	1530	smtwtfs	Vladivostok	500	228	MANDARIN	FE		9865	2130	2200	smtwtfs	Ascension	250	265	BRAZILIAN	S	AM	
7375	0100	0130	smtwtfs	Tashkent	200	131	HINDI	S	AS	9865	2230	2300	smtwtfs	Ascension	250	265	BRAZILIAN	S	AM	
7385	1700	1730	smtwtfs	Moscow	250	117	UZBEK	C	AS	9875	0230	0330	smtwtfs	Cyprus	300	77	PERSIAN	ME		
7385	1730	1800	s....s	Moscow</																

AFRICA

Afar	1700-1730	15485	Abu Dhabi	UAE
Amharic	0300-0330	11975	Abu Dhabi	UAE
Amharic	1700-1730	15465	Abu Dhabi	UAE
Arabic	0500-0600	11915	Moosbrunn	Austria
Arabic	0600-0700	11905	Juelich	Germany
Arabic	0600-0700	11915	Moosbrunn	Austria
Arabic	0700-0800	7260	Forlì	Italy
Arabic	0900-1000	17560	Forli	Italy
Arabic	1330-1430	11805	Forlì	Italy
Arabic	1800-1900	11740	Moosbrunn	Austria
Arabic	1900-2000	11845	Juelich	Germany
Arabic	1900-2000	11870	Moosbrunn	Austria
Dyula	0730-0800	17820	Moosbrunn	Austria
Dyula	2000-2030	13690	Moosbrunn	Austria
English	0400-0300	9650	Meyerton	South Africa
English	0500-0530	5960	Meyerton	South Africa
English	0500-0530	6015	Meyerton	South Africa
English	0530-0630	15345	Meyerton	South Africa
English	0600-0630	15345	Meyerton	South Africa
English	0830-0930	17820	Moosbrunn	Austria
English	1800-1830	5960	Meyerton	South Africa
English	1800-1830	6100	Meyerton	South Africa
English	1800-1900	11985	Meyerton	South Africa
English	2000-2030	15295	Meyerton	South Africa
English	2000-2100	15295	Meyerton	South Africa
English	2030-2100	15295	Meyerton	South Africa
English	2100-2200	9660	Moosbrunn	Austria
French	0430-0500	15225	Meyerton	South Africa
French	0500-0530	15225	Meyerton	South Africa
French	0630-0700	7260	Forlì	Italy
French	0700-0730	11905	Juelich	Germany
French	0800-0830	17820	Moosbrunn	Austria
French	1300-1330	11805	Forlì	Italy
French	2000-2030	11845	Juelich	Germany
French	2000-2030	12105	17695	Meyerton, RSA
French	2000-2030	17695	Meyerton	South Africa
French	2030-2100	13690	Moosbrunn	Austria
Fulfulde	1900-1930	17695	Meyerton	South Africa
Hausa	0600-0630	15225	Meyerton	South Africa
Hausa	1930-2000	15255	Meyerton	South Africa
Igbo	0530-0600	15225	Meyerton	South Africa
Igbo	1930-2000	17695	Meyerton	South Africa
Malagasy	0230-0330	3215	Talata	Madagascar
Malagasy	1530-1630	3215	Talata	Madagascar
Masaai	0430-0500	12080	Meyerton	South Africa
Masaai	1730-1800	12130	Meyerton	South Africa
Oromifa	1730-1800	15485	Abu Dhabi	UAE
Somali	0330-0400	11955	Abu Dhabi	UAE
Somali	1630-1700	15465	Abu Dhabi	UAE
Swahili	0400-0430	12080	Meyerton	South Africa
Swahili	1700-1730	12130	Meyerton	South Africa
Tigrinya	0300-0330	11945	Abu Dhabi	UAE

Tigrinya	1730-1800	15465	Abu Dhabi	UAE	
Yoruba	0500-0530	11970	Meyerton	South Africa	
Yoruba	2030-2100	12105	Meyerton	South Africa	
EUROPE					
Bulgarian	0500-0600	9885	Juelich	Germany	
Bulgarian	1800-1900	12015	Juelich	Germany	
English	0830-0900	9660	Moosbrunn	Austria	
English	0830-0900	9765	Forlì	Italy	
English	1130-1200	12020	Forlì	Italy	
English	2030-2100	5955	Rimavska	Sobota	Slovakia
German	0800-0830	9660	Moosbrunn	Austria	
German	0800-0830	9765	Forlì	Italy	
German	1100-1130	12020	Forlì	Italy	
German	1600-1630	7135	Moosbrunn	Austria	
Italian	1000-1100	9740	Forlì	Italy	
Italian	1000-1100	Sat/Sun	15195	Juelich	Germany
Italian	1200-1300	9885	Forlì	Italy	
Romanian	1700-1800	5840	Juelich	Germany	
MIDDLE EAST					
Arabic	0400-0500	9875	Moosbrunn	Austria	
Arabic	1600-1700	9385	Agat	Guam	
Arabic	1700-1800	17735	Moosbrunn	Austria	
Arabic	1800-1900	11740	Moosbrunn	Austria	
Dari	0230-0300	7135	Abu Dhabi	UAE	
English	1730-1800	9385	11560	Agat	Guam
Farsi	0330-0400	9740	Moosbrunn	Austria	
Farsi	1630-1700	11905	Moosbrunn	Austria	
Tagalog	1700-1730	9385	11560	Agat	Guam
CENTRAL ASIA					
English	0330-0400	11795	Abu Dhabi	UAE	
English	1300-1330	17630	Abu Dhabi	UAE	
Mandarin	1100-1300	17835	Abu Dhabi	UAE	
Russian	0300-0330	11795	Abu Dhabi	UAE	
Russian	1330-1400	17630	Abu Dhabi	UAE	
SOUTHERN ASIA					
Bangla	1300-1330	15385	Abu Dhabi	UAE	
Bangla	1330-1400	15660	Agat	Guam	
Dari	0230-0300	7135	Abu Dhabi	UAE	
English	0030-0100	6025	Abu Dhabi	UAE	
English	0030-0100	6055	Abu Dhabi	UAE	
English	0100-0130	6160	Moosbrunn	Austria	
English	1300-1330	15660	Agat	Guam	
English	1330-1400	15385	Abu Dhabi	UAE	
English	1430-1500	15660	Agat	Guam	
English	1630-1700	11980	Agat	Guam	
English	1630-1700	9890	Abu Dhabi	UAE	
English	1730-1800	7455	Agat	Guam	
Farsi	1700-1730	7455	Agat	Guam	
Hindi	0000-0030	6025	Abu Dhabi	UAE	
Hindi	0000-0030	6055	Abu Dhabi	UAE	
Hindi	1400-1430	17760	Abu Dhabi	UAE	
Hindi	1530-1600	11625	17640	Agat	Guam
Hindi	1530-1600	11625	Agat	Guam	

Hindi	1530-1600	15215	Abu Dhabi	UAE	
Hindi	1530-1600	17640	Agat	Guam	
Kannada	1430-1500	17775	Abu Dhabi	UAE	
Kannada	1530-1600	17815	Agat	Guam	
Malayalam	1530-1600	11800	Agat	Guam	
Malayalam	1530-1600	17590	Abu Dhabi	UAE	
Marathi	1600-1630	9890	Abu Dhabi	UAE	
Nepali	1500-1530	11625	Agat	Guam	
Nepali	1500-1530	17590	Abu Dhabi	UAE	
Punjabi	1500-1530	15215	Abu Dhabi	UAE	
Punjabi	1500-1530	17640	Agat	Guam	
Sinhala	1400-1430	15660	Agat	Guam	
Sinhala	1430-1500	17590	Abu Dhabi	UAE	
Tamil	1330-1400	17775	Abu Dhabi	UAE	
Tamil	1500-1530	11800	Agat	Guam	
Telugu	1400-1430	17775	Abu Dhabi	UAE	
Telugu	1500-1530	17815	Agat	Guam	
Urdu	0130-0200	6160	Moosbrunn	Austria	
Urdu	1400-1500	15385	Abu Dhabi	UAE	
Urdu	1600-1630	11980	Agat	Guam	
Urdu	1600-1630	11980	Agat	Guam	
NORTHEAST ASIA					
English	1000-1100	11900	Agat	Guam	
English	1330-1400	11755	Agat	Guam	
English	1330-1400	11980	Agat	Guam	
English	2130-2200	11960	11980	Agat	Guam
Japanese	1300-1330	11980	11755	Agat	Guam
Japanese	2100-2130	11980	11960	Agat	Guam
Korean	1200-1300	11825	Agat	Guam	
Korean	2000-2100	6185	9515	Agat	Guam
Mandarin	0000-0200	11975	17635	Agat	Guam
Mandarin	0000-0200	17880	Agat	Guam	
Mandarin	1000-1100	11870	15260	Agat	Guam
Mandarin	1100-1200	11870	Agat	Guam	
Mandarin	1100-1200	11900	Agat	Guam	
Mandarin	1100-1500	15725	Agat	Guam	
Mandarin	1400-1500	11870	Agat	Guam	
Mandarin	2100-2200	11720	11970	Agat	Guam
Mandarin	2200-0000	17880	Agat	Guam	
Mandarin	2200-2300	11970	Agat	Guam	
Mandarin	2300-0000	11970	Agat	Guam	
Mandarin	2300-0000	11975	Agat	Guam	
SOUTHEAST ASIA					
Bangla	1330-1400	15660	Agat	Guam	
Burmese	1400-1500	11625	Agat	Guam	
Chin	0000-0030	11770	Agat	Guam	
English	1000-1030	11705	Agat	Guam	
English	1300-1330	15660	Agat	Guam	
Indonesian	1100-1130	15260	Agat	Guam	
Indonesian	2200-2230	11775	Agat	Guam	
Javanese	1130-1200	15260	Agat	Guam	
Javanese	2230-2300	11775	Agat	Guam	
Karen	0030-0100	11770	Agat	Guam	

Tagalog	1030-1100	11705	Agat	Guam
Vietnamese	1200-1300	11775	Agat	Guam
Vietnamese	1200-1300	15225	Agat	Guam
Vietnamese	1600-1700	15275	Agat	Guam
Vietnamese	2200-0000	17835	Agat	Guam

(AWR webpage via WB, 27 Oct 2001)

VIETNAM: Voice of Vietnam - VOV international daily programs for B01 period.
Postal address: Radio The Voice of Vietnam, 58 - Quan Su street, Hanoi - Vietnam.
Please note new Fax: (844)8261122 and Email: qhqt.vov@hn.vnn.vn address, WWW-URL
<http://www.vov.org.vn/>

Vietnamese	1900-1930	9730	13740	Eu			
0000-0100	9730	13740	As/Am	2030-2100	9730	13740	Eu
0130-0230	6175(S)	ENAm	2330-0000	12020	9840	SEAs	
0400-0500	6175(S)	WNAm	French				
1700-1800	9730	13740	Eu	1300-1330	9730	13740	As
1830-1930	7440(M)	Eu	1830-1900	9730	13740	Eu	
2030-2130	7330(M)	Eu	1930-2000	7440(M)	Eu		
English			2100-2130	9730	13740	Eu	
0100-0130	6175(S)	ENAm	Russian				
0230-0300	6175(S)	WNAm	1130-1200	9840	12020	Russia	
0330-0400	6175(S)	CAM	1300-1330	7285	SEAs		
1000-1030	9840-12020	SEAs	1630-1700	9730	13740	Eu	
1100-1130	7285	SEAs	2000-2030	7330(M)	Eu		
1230-1300	9840	12020	SEAs	Spanish			
1330-1400	9730	13740	Eu	0300-0330	6175(S)	CAM	
1600-1630	9730	13740	Eu	1100-1130	9730	13740	Af
1800-1830	7440(M)	Eu		2000-2030	9730	13740	Af

S=Sackville, Canada

M=Moscow, Russia

Note: Reserve frequency for the Moscow relay on 7330 is 7390. All other transmissions are from Vietnam. (EDXP SW News #224, 2 Nov 2001)

Sources & Contributors:

ADDX Assoziation deutschsprachiger DXer - Duesseldorf, Germany.
BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.
Alokesh Gupta New Delhi - India.
EDXP Electronic DX Press, Bob Padula - Australia.
HJB Dr. Hansjoerg Biener, Amberg - Germany.
RUS-DX Information bulletin of Russian DX League - Russia.
WB Wolfgang W. Bueschel, Stuttgart - Germany.
WWDXC-HQ WWDXC Headquarter, Michael Bethge

Abbreviations: (see last month)

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



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DX LOGBOOK

Logs around the clock

by Ashok Kumar Bose, Toronto, Canada
E-Mail: logbook@wwdxc.de

LONG & MEDIUM WAVE BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
171.0	1530	33332	RUS	Radio Chechnya Svobodvaya	Russian	Program	0710	HO
181.0	0500	35333	RUS	Radio Rossii, Blagoveshchensk	Russian	Program	1510	HO
234.0	1900	45444	RUS	Radio Magadanskoe	Russian	Opening Ann. & Program	1609	HO
527.0	1709	35433	CVA	Radio Vatican	Italian	Classical Music	3010	HJK
531.0	2343	34333	ALG	RTA 1, El Beida	Arabic	Political Talks	0311	HJK
603.0	1720	43333	D	Stimme Russland	German	Briefkastensendung	0111	HJK
810.0	1614	44333	G	BBC Radio Scotland	English	Football Commentary	0311	HJK
891.0	2006	34333	ALG	RTA 1, Algiers	Arabic	News	3110	HJK
1044.0	0050	43433	GRC	ERA, Thessalonki	Greek	Folklore Music	0411	HJK
1179.0	1936	44333	S	Radio Sweden	German	Jazz in Sweden	3110	HJK
1242.0	1520	43333	G	Virgin Radio	English	ID, Football Sports Results	0311	HJK
1296.0	1516	45444	HOL	Radio Nacional	Dutch	German Hits	0311	HJK
1341.0	1633	44444	G	BBC Radio Ulster	English	Football Game commentary	0311	HJK
1350.0	1845	34433	HNG	Radio Pecs	German	Culture program & Folk Mx	3010	HJK
1467.0	1932	54444	F	Radio Vatican via Roumoules	German	Vatican Calender for 2002	3110	HJK
1521.0	1711	44443	ARS	BSKSA, Duba	Arabic	Talks amnd Music	0111	HJK
1530.0	1929	44444	CVA	Radio Vatican	German	Wahrsager in Italien	3110	HJK
1539.0	2335	44333	E	SER Radio Elch	Spanish	Talks with Listeners & Pop	0311	HJK
1602.0	1605	44333	I	RAI, Bozen	German	News & Folk Music Parade	0311	HJK

TROPICAL BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3250.0	0320	33333	HND	Radio Luz y Vida	Spanish	ID, Sign Off & Nat. Anthem	2609	RAD
3264.7	1400	43333	INS	RRI, Gorontalo	Indonesian	Open air Hiburan Music	0311	JY
3270.1	0406	21221	NMB	Namibia Broadcasting Corp.	English	News	0711	RAD
3279.6	0939	32332	EQA	La Voz del Napo	Spanish	Long Talks & Vocals	0811	RAD
3315.0	1104	33333	PNG	Radio Manus	English	News and Island Music	1910	RAD
3325.0	1435	32332	INS	RRI, Palangkaraya	Indonesian	Music. Signoff Love Ambon	2910	JY
3360.0	0224	32322	GTM	La Voz de Nahuala	Spanish	Marimba Mx & Talks	2509	RAD
3365.0	1103	33333	PNG	Radio Milne Bay	English	News & Ann. & Music	1910	RAD
3385.0	1052	21221	PNG	Radio East New Britain	English	Talk & Pidgin Music	2409	RAD
3905.0	1355	32332	INS	RRI, Merauke	Indonesian	Local Pops, Signoff	0311	JY
3915.0	1600	35444	SNG	BBC, Singapore	English	World News	0411	HJK
3955.0	2038	55444	G	Radio Taipei Intl. Via relay	German	Talks	3010	HJK
3975.0	1850	45444	HNG	Radio Budapest	German	DX Program	3010	HJK
3976.1	1335	43333	INS	RRI, Pontianak	Indonesian	Talks & Country Music	0311	JY
4000.2	1145	22222	INS	RRI, Kendari	Indonesian	Talks, Music & News	1011	RAD
4003.2	1137	32222	INS	RRI, Padang	Indonesian	Local Pops and Talks	2810	JY
4005.0	1700	35444	CVA	Radio Vatican	English	ID and World News	0311	HJK
4421.2	1020	33222	PRU	Radio Frecuencia Lider	Spanish	Program of huaynos ,ld	0911	RAD
4635.0	1600	34433	TJK	Tajik Radio	Tajik	Local Music	2210	HO

4716.8	2328	21221	BOL	Radio yura	Spanish	Vocals And ID	0911	RAD
4746.8	1005	33333	PRU	Radio Huanta	Spanish	Talks & Rustic Vocals	0811	RAD
4750.1	1042	23222	PRU	Radio San Francisco Solano	Spanish	ID,Ann & Woman vocals	0911	RAD
4753.2	1054	21221	INS	RRI,Makassar	Indonesian	Talks,Vocals & ID	2409	RAD
4760.0	2153	32332	LBR	ELWA	English	Music,ID and Sign Off	0711	RAD
4781.4	1000	34333	EQA	Radio Oriental	Spanish	Flute Music,Vocal and ID	0811	RAD
4790.0	1755	44444	PAK	Azad Kashmir Radio,	Urdu	Music & News	1910	KH
4800.0	0356	43443	LSO	Radio Lesotho	English	ID,News	2609	RAD
4815.0	2257	33333	BRA	Radio Difusora Londrina	Portugese	ID and female vocals	0811	RAD
4820.0	1734	35433	BOT	Radio Botswana	Vernaculars	Innenpolitik	0211	HJK
4824.4	1016	43433	PRU	La Voz de la Selva	Spanish	Ads,Id and TC	0811	RAD
4860.0	0020	21211	IND	All India Radio, Delhi	Hindi	Talks and Music	2110	RAD
4865.0	2310	33333	BRA	Radio Alvoradora Londrina	Portugese	ID and female vocals	0911	RAD
4930.0	2100	34333	TKM	Turkmen Radio	Russian	Talks	2210	HO
4976.0	1957	35444	UGA	Radio Uganda	English	ID and Politics	3010	HJK
4995.6	1014	32332	PRU	Radio Andina	Spanish	Talk,Vocals,ID & TC	0911	RAD
5003.4	1741	34333	GNE	Radio Nacional , Bata	Spanish	Local Folklore	0211	HJK
5009.5	1008	32222	PRU	Radio Altura	Spanish	Continous vocals & ID	0911	RAD
5009.5	1030	22121	DOM	Radio Cristal International	Spanish	Religious discussion and ID	0811	RAD
5015.0	1610	24332	TKM	Turkmen Radio	Russian	Talks	2210	HO
5020.0	1150	32322	SLM	Solomon Is.Broadcasting Co.	English	BBC World Service ID	0811	RAD
5025.0	0808	24432	CUB	Radio Rebelde,Habana	Spanish	Music & Announcements	0611	ALS
5039.2	1036	32222	PRU	Radio Libertad	Spanish	Talks & ID	0811	RAD
5100.0	2055	32332	LBR	Radio Liberia International	English	Pop Music and Local News	2610	KH

SHORTWAVE BANDS

Frequ.	UTC	SINPO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5500.0	1455	34333	ARS	Voice of Tigray Revolution	Tigre	IS,Ann. & Talks	2610	KH
5745.0	0110	45444	USA	WHRI	English	DX-ing with Cumbre	0411	HJK
5770.0	0047	43443	NCG	Radio Miskut	Spanish	Continous vocals & ID	0911	RAD
5800.0	1740	55444	BUL	Radio Bulgaria	German	Lyrics & Ryhmes	0311	HJK
5920.0	2220	32322	RUS	Radio Studio	Russian	Music,Talk,ID's	0711	RAD
5984.9	1455	24222	ALB	Radio Tirana, Albania	Albanian	National Program	0810	WB
5985.0	2202	43433	COG	RTV Congolaise	French	African Pop Music	0211	KH
6000.0	0105	43333	CUB	Radio Habana	English	News	0411	HJK
6050.0	2210	32332	NIG	Radio Nigeria,Ibadan	English	Sports Px.	2409	RAD
6055.0	2055	43433	RRW	Radio Rwanda	English	Music with sign off	0711	RAD
6071.2	1420	32222	INS	RRI,Jayapura	Indonesian	Telecon with listeners Pops	0411	JY
6100.0	1746	54444	BIH	Radio Yugoslavia	German	Land Reforms	0311	HJK
6114.9	0141	32332	CLM	La Voz del Llano	Spanish	Vocal Music	2410	RAD
6153.8	1121	43333	INS	RRI, Biak	Indonesian	Music,ID and Ann.	2810	JY
6155.0	0130	43443	G	RTE via Rampisham relay	English	ID,News,Sports	1810	RAD
6180.0	1905	44444	G	Radio Taipei Intl.,	German	Wochenrueckblick	2810	HJK
6265.0	1115	43433	TWN	CBS	Chinese	Discussions and ID	0811	RAD
6265.0	1820	45444	ZMB	Zambia Nac.Broadcasting Corp.	English	IS, Political Talks	3010	HJK
6280.0	1555	35433	USA	WYFR	English	Bible Program, ID	0311	HJK
6294.3	2220	43433	EQA	Radio Nacional,Malabo	Spanish	Talks & Non-stop vocals	1809	RAD
6315.0	1826	33433	ETH	VO Tigray Revolution	Vernaculars	Local Music & ID	3010	HJK
6797.5	1045	33333	PRU	Radio Ondas del Rio	Spanish	Rustic vocals with ads and ID	0811	RAD
6973.0	1830	45444	ISR	Galei Zahal	Hebrew	Report on Afghanistan	3010	HJK
7105.0	1539	34333	BLR	Radio Stolitsa, Belarus	Belarussian	Weather & Music	0710	HO
7164.4	1208	23222	NPL	Radio Nepal	Nepali	Continous Talks by woman	1011	RAD
7171.2	0940	22222	INS	RRI, Serui	Indonesian	ID & Local Pops	2810	JY
7175.0	0615	24333	RUS	Radio Stantsiya Tikhyy Okean	Russian	Programs	0710	HO
7185.0	1833	44444	ALB	Radio Tirana	German	News	3010	HJK
7210.0	1400	33433	VTN	Voice of Vietnam	Vietnamese	IS,Program	2310	HO
7225.0	2256	34333	NIG	Voice of Nigeria	English	Talks,ID & sign Off	1810	KH
7245.0	1640	34433	TJK	Radio Tajikistan	Dari	Talk & Songs. IS & ID	2110	IN
7269.8	1450	43444	ALB	Radio Tirana	Albanian	National Program	0810	WB

7295.0	1530	34333	MRC	Radio Liberty via Tangier	Belarussian	News	2210	HO
7300.0	1836	54444	RUS	Radio Santec	German	Communication with God	0111	HJK
7345.0	0845	33333	RUS	Yakutskoe Radio	Russian	Ann. And Songs	2010	HO
7375.0	1514	22332	PAK	Radio Pakistan, Islamabad	Russian	ID and Program	0810	WB
7380.0	0057	43443	CLM	Idea Radio	Spanish	ID and Music selection	0711	RAD
8700U	0030	43443	USA	US PsycOps (Afghanistan)	English	Talks & Music	1810	RAD
9329.8	0435	44444	USA	WBCQ	English	Programs	0810	WB
9420.0	0930	45433	GRC	Voice of Greece	English	ID, Weather and News	0111	HJK
9530.0	1730	33433	UZB	Radio Tashkent		IS, ID & News	1710	KH
9568.5	1525	22332	ARS	Voice of Iraqi People	Arabic	Music	0810	WB
9695.0	2118	34443	BRA	Radio Rio Mar, Manaus	Portugese	Football Commentary	2110	ALS
9704.2	1458	32332	ETH	Radio Ethiopia	Amharic	IS, ID and Talk	2310	KH
9705.0	2252	32322	IND	All India Radio, Panaji	English	Ann with Hindi songs	0911	RAD
9715.0	1330	33443	UZB	Radio Tashkent	English	News	1610	WB
9736.2	1149	44333	PAR	Radio Nacional de Paraguay	Spanish	Romantic local Music & ID	2710	ALS
9745.0	0854	35433	EQA	HCJB, Quito	Portugese	Religious Px & Andean Mx.	0111	HJK
9760.0	2215	35433	CYP	Cyprus Broadcasting Service	Greek	ID & Music	0211	KH
9765.0	0859	35433	EQA	HCJB, Quito	Quechua	ID, Local Folklore	0111	HJK
9779.6	0425	31331	YEM	YRTVC, Sanaa	Arabic	Afghan clash	0810	WB
9780.0	0728	35433	EQA	HCJB, Quito	English	Studio 9 Religious Px.	0111	HJK
9870.0	0742	35333	MCO	Trans World Radio, Monaco	English	ID and Talks	2810	IN
9890.0	1630	44444	UAE	AWR via Abu Dhabi relay	English	Bible Program	0111	IN
9900.0	0238	33333	EGY	Radio Cairo	Arabic	Comments & Interview	1810	SHM
9917.0	1520	22222	IRQ	Radio Baghdad	Arabic	Songs	0810	WB
9955.0	1105	24332	USA	Radio Miami International	Spanish	Religious Talks	2810	IN
11550.0	1700	44423	TWN	CBS, Taipei	Chinese	ID & Hymns	0311	ZL
11665.0	0358	32332	RUS	Voice of Tatarstan	Russian	IS, ID & Talks	1609	RAD
11690.0	1411	45544	JOR	Radio Jordan	English	Hitparade	0311	HJK
11705.0	0430	33433	CUB	Radio Havana, Cuba	English	Terrorist Oklahoma	0210	WB
11710.0	1110	45544	G	Radio Japan via relay	German	Japan Panorama	2810	HJK
11734.1	2052	33333	TZA	Voice of Tanzania, Zanzibar	English	Vocals, Music, ID & Sign Off	0911	RAD
11765.0	1730	54444	IRN	IRIB	German	Koran	2710	HJK
11770.0	0023	33333	MEX	Radio Mexico International	Spanish	Talks, E ID & Latin vocals	0710	RAD
11787.0	2003	43333	IRQ	Radio Iraq	English	News on war in Afghanistan	3010	HJK
11800.0	1625	55555	BUL	Radio Sofia	German	Program	0910	WB
11985.0	1100	32322	TWN	Radio Taipei International	English	ID, News	0911	RAD
12085.0	1030	23222	MNG	Voice of Mongolia	English	Talks and Music	1011	RAD
12125.0	1935	43433	USA	Voice of Biafra International	English	Px. against Nigerian Govt.	1509	RAD
15060.1	0912	35322	TWN	CBS, Taiwan	Chinese	Intl. Music	2110	WB
15120.0	0905	22222	NIG	Voice of Nigeria	English	ID and News	2110	WB
15125.0	1200	22222	INS	Voice of Indonesia	Indonesian	Ann. & News	0911	RAD
15190.0	1904	23322	PHL	Radyo Pilipinas, Manila	English	News, ID & Commentary	1809	RAD
15200.0	1015	24433	GUM	KTWR, Agana	Indonesian	Religious Music	0311	ZL
15250.0	0225	33333	CLN	VOA via Irianwila relay	English	News & Topical Program	0811	RAD
15260.0	0455	55555	IRN	IRIB, Kamalabad	Turkish	Programs	0210	WB
15270.0	0750	45554	ARM	Voice of Armenia, Gavar	Armenian	Program ID and News	3009	WB
15294.8	0920	25222	MLA	Radio TV Malaysia	Malay	Talks	2110	WB
15435.0	2032	35443	LBY	Voice of Africa	Arabic	News	2810	IN
15450.0	1543	34433	TUN	RDTV Tunisienne	Arabic	Talks & ID	2510	KH
15475.5	2030	12211	ATA	Radio Nacional Arcangel	Spanish	Talk by woman with music	0811	RAD
15625.7	1000	24222	PAK	Radio Pakistan, Islamabad	Urdu	Songs	2110	WB
15770.0	0900	35332	IND	All India Radio, Delhi	Indonesian	Program	2110	WB
15785.0	0908	35333	ISR	Galei Zahal	Hebrew	Political Talks	0111	HJK
17520.0	0911	35444	PAK	Radio Pakistan, Islamabad	Urdu	Political Talks & Music	0111	HJK
17522.0	0925	33333	PAK	Radio Pakistan, Islamabad	Urdu	Songs	2110	WB
17535.0	0917	45444	ISR	KOL Israel, Jerusalem	Hebrew	Pop Music	0111	HJK
17595.0	1214	33433	EGY	Radio Cairo	English	IS, ID and Arabic Music	2810	KH

17625.0	0729	24332	CHN	China Nat Radio – 2	Chinese	ID & Music	0711	ZL
17630.0	0716	33433	GAB	Africa No.1 via Moyabi	French	News	0311	KH
17645.0	1200	21221	RUS	Dr.Gene Scott via Samara	English	Program	0410	WB
17735.0	1158	33433	TUN	RTV Tunisienne	Arabic	ID & Music	0311	HO
17745.0	1208	44444	ROU	Radio Romania Intl.,	German	Innenpolitik, ID	0111	HJK
17870.0	1750	45444	AFS	Channel Africa	Portugese	Tourism Magazine	0311	HJK
20276L	2301	34333	ARG	Radio Continental	Spanish	News & ID	1810	KH
21455.0	1905	45433	USA	WYFR, Oakland	German	Testament & Abraham	3010	HJK
21530.0	1236	55444	TUR	Voice of Turkey	German	Turkish Press Report	0111	HJK
21590.0	1231	35433	D	Tamil Oli Radio	Tamil	Talks and Music	2810	IN
21640.0	0900	35433	CLN	Deutsche Welle, via Trincomalee	German	News, Sport	0111	HJK
21820.0	1243	35433	AUS	Radio Australia	English	Report over Farmers	0111	HJK
25780.0	1840	32332	USA	WFLA	English	970 WFLA ID with News	0211	RAD

Thanks a lot for your contributions:

ALS : Arnaldo L.Slaen, Argentina. Sony ICF 2010,RealisticDX-160 & GE Superradio with 15 metres long wire
 GI : Gaku Iwata, Chiba, Japan. FRG 7700 / NRD 535D, AD30, 20 metres long wire
 HO : Hironao Oguma, Tokyo, Japan. AR 7030 with AN-1
 HJK : Hans-Joachim Koch, Pfalzrafenweiler, Germany. AR 7030 with 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-Windom Datong FL3 JPS ANC-4
 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 November issue of Logbook. I will now continue to edit this portion from my new location in Toronto.

I must thank my Club President for taking the extra work of composing this Logbook for last two months.

This month the Logbook is small. Hope our members keep their Loggings pouring in.

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

Ashok Kumar Bose



(continued from DX MAGAZINE 10/2001)

The directivity

By installation of two EWE-antennas "radiating" in two opposite directions the F/B ratio can be demonstrated quite well. If the station is situated in the antenna main direction e.g. the east-EWE and one switches then to the west-EWE, the signal strength decreases approx. 20-25 dB. With this arrangement however I could not achieve the value of max. 35 dB signal suppression as postulated in the antenna-theoretical discussions. The following example may clarify, which practical effects the rear zero point can have. One evening I could receive RRI Jambi on 4925.2 kHz at around 22.15 UTC on the Asia-EWE. Switching over to the South America EWE I could listen to Radio San Miguel from Bolivia, audible on same frequency without any interferences caused by RRI Jambi. Such a clear differentiation of two co-channel stations was not possible on the long wire and on the DX-One. Something similar was to observe concerning the Peruvian station Radio Libertad from Jun'Yn on 5039.2 kHz. In the late evening there are sometimes interferences by a Chinese station on 5040 kHz, which can be suppressed almost completely by the application of the LA-EWE.

My domestic satellite TV set so far made impossible DX on 90m and 120m absolutely. Long wire as well as DX-One cannot eliminate the electric noise level. Using the Asia-EWE I succeeded for the first time to listen to ABC Alice Springs on 2310 kHz, despite of TV consuming family.

Concerning mediumwave-DX the two opposite EWEs are a real enrichment. It makes fun to check the entire mediumwave scale in the evening hours shifting up and down the two EWE-antennas on certain frequencies. The Asia-EWE opens a great part of the Middle East. Numerous Arab speaking stations become audible, which otherwise perish completely in the overcrowded European MW-powerband. Some examples of the later afternoon and early evening in October and November 2000:

198 kHz: BBC on the west-EWE; using the east-EWE PR 1 Raszyn came through.

738 kHz: RNE Barcelona on the west-EWE, Kol Israel with Arab program on the east-EWE.

1017 kHz: The local SWR as expected on the west-EWE. The east-EWE suppressed the SWR completely and a Turkish station became audible.

1053 kHz: On 80 $\ddot{\text{m}}$ Romania came in quite well, on 260 $\ddot{\text{m}}$ a UK station. Separation almost completely.

1413 kHz: BBC Oman on the east-EWE with O=4-5. Long wire and DX-One produced noise here only.

1458 kHz: Here one could choose between Radio Tirana and Sunrise Radio by switching the two EWE-antennas.

Frequency range

Contrary to "standing wave antennas" (e.g. dipoles) the EWE enables broad-band reception. The directivity is provable from approx. 150 kHz up to approximately 10 MHz. The EWE therefore can be used without any problems from longwave up to the 31m-band. One evening I could observe six Brazilian stations on 31m using the LA-EWE between 21.30 and 22.00 UTC. The signal level thereby was about 5 dB lower compared to the long wire. The directivity of the system could be demonstrated quite clearly. After switching to the Asia-EWE practically nothing more was to be heard from the Brazilians. Above 10 MHz the signal strengths substantially decrease in comparison to

the long wire, and a rear zero point cannot be found any more.

Noise level and other disturbances

The actual highlight of the EWE-antenna is the quietude of the signal! As we all know, the main problem of low-band DXing is the considerable noise. In particular long wire antennas pick up each electrical disturbance from ionosphere and atmosphere (thunderstorms etc.), or caused by the neighbourhood (computer, TV set etc.). Using the EWE for the first time the DXer learns an absolutely striking new experience: He often can enjoy a clearer and fewer disturbed signal. Regarding the entire audio impression and cleanness of reception the EWE is unbeatable in many cases. Especially the long wire is beaten concerning this criterion. The EWE does not only reduce a part of the electrical noises, but beyond that it also suppresses all those reception impairments, which are due to rear stations. Annoying interference whistling can disappear only by switching from long wire to EWE, or disturbances caused by a European power station on the adjacent channel can be reduced under certain conditions.

Construction tips

Basically no other regularities apply to the construction of an EWE as to other antennas, too. Proximity to metallic articles such as gutters, gutter-pipes etc. has to be avoided. Beyond that the location of the antenna should be far away from the house, as far as the garden size permits. Balun and terminating resistor can be accommodated comfortably and weather-proofed in small current distribution boxes, which are available in each market for household goods. These boxes can be fastened easily to the ground rods.

Summary

Also the EWE will not and cannot solve each reception problem. It doesn't replace other antenna forms under any circumstances. Who exclusively prefers listening to international radio stations certainly can use the classical long wire or a magnetic antenna without any problems. The DXer however usually is hunting local radio stations, far away and with poor transmitter power only. And all these African, Indonesian or South American stations, which are to be found normally on the tropical bands of 60m and 90m, often disappear in the noise of electrical disturbances. Here the EWE can be a certain remedy indeed. If one has several antennas, then one chooses the best one in each case anyway. Concerning all stations, coming in from the correct direction, there can be said: The EWE-antenna almost always produces the calmest signal!

Erecting and assembling are remarkably simple. All needed parts are available for a few money only. The dimensions of the EWE enable the mounting in each average garden. I also want to recommend the relevant literature to this topic. It supplies an additional view on the theory of the EWE and on its function principles and gives suggestions for further construction versions. Finally I would like to thank the DXers Thomas Adam and Thomas Berner, who advised me concerning the antenna-theoretical reflections.

Sources:

John Devoldere, ON4UN: "Low-Band DXing", USA, 1999
 Floyd Koontz, WA2WVL: "Is this EWE for You?", QST Volume 79, 1995

The article of F. Koontz in the Internet:

<http://www.arrl.org/tis/info/pdf/9502031.pdf>
<http://www.arrl.org/tis/info/pdf/9601032.pdf>

(Michael Schnitzer, Germany <mschnitzer@cc-online.de> via Hard-Core-DX)

SWL / Media Programs in English and German

Oct. 28th, 2001 – March 31th, 2002 – As of Nov. 3rd, 2001

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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
- 0100 WWCR Nashville, E, World of Radio – 3215
- 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
- 0305 DW Cologne, G
- 0400 RVI Brussels via Bonaire, E – 11985 STL
- 0601 WWCR Nashville, E, World of Radio – 3215
- 0630 WWCR Nashville, E, Communications World – 3215
- 0700 WWCR Nashville, E, Spectrum – 3210
- 0706 Radio NZL Internat., E, alternate weeks – 11675
- 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
- 1200 WWCR Nashville, E, World of Radio – 15685
- 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
- 2105 RHC Habana, E – 13660usb 13750
- 2130 RAE Buenos Aires, G – 9690 15345
- 2305 RHC Habana, E – 9550

Wednesday

- 0100 WBCQ, E, Off the Hook – 7415
- 0100 RfPI Costa Rica, E, World of Radio – 15040 21815usb
- 0135 RHC Habana, E – 6000 9820 11705usb
- 0200 RfPI Costa Rica, E, Continent of Media –
7445 15040 21815usb
- 0335 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
- 0535 RHC Habana, E – 9550 9820 9830usb
- 0700 RfPI Costa Rica, E, World of Radio – 7445 15040
- 0700 Radio Polonia Warsaw, E – STL WRN1 EUR/ME/AF
Euromax Astra/Hotbird
Afristar NE/AF / Asiasat/AsiaStar AS
- 0730 HCJB Quito, E, Ham Radio Today – 9780 EUR
- 0800 RfPI Costa Rica, E, Continent of Media – 7445 15040
- 0905 Chronos hr Frankfurt, Die Welt der Medien, G – 594
FM STL
- 0930 HCJB Quito E, Ham Radio Today– 11755 21455usb PAC
- 1030 WWCR Nashville, E, Communications World – 9475
- 1200 WWCR Nashville, E, Communications World – 15685
- 1300 RfPI Costa Rica, E, World of Radio – 15040 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

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
2030 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
2330 HCJB Quito, E, Ham Radio Today – 11785 SoAS

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
0130 Radio Australia, E, Media Report – 9660 12080
15240 15415 17580 17750 17775 17795 21725
0130 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
0245 RAE Buenos Aires, E – 6060 11710
0305 Radio NZL Internat., E, alternate weeks – 17675
0430 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
0515 WBCQ, E, World of Radio – 7415
0520 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
0820 R Budapest, G –
STL WRN1 Euromax Astra/Hotbird / WRN2 Afristar AF
1030 Radio Australia, E, Media Report – 9580 17750 21820
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
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
2130 WWCR Nashville, E, World of Radio –
15685 Nov-Mar (9475 Dec-Feb)
2330 Radio Australia, E, Media Report –
9660 12080 13620 15230 17715 17775 17795 21740

Friday

1030 WWCR Nashville, E, World of Radio – 9475
1130 Radio Bulgaria Sofia, G – 15700 17500
1200 WRN on Internet, E, World of Radio on-demand start

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 13620 15230 17715 21740
2115 RÖI Vienna, Hotline G – 5945 6155 STL Astra EUR
2130 RAE Buenos Aires, G – 9690 15345
2215 WWCR Nashville, Sp, Mundo Radial – 9475
2230 WHRA, E, DXwCumbre – 17650
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 21815usb
0105 Radio Tashkent, E, after 3rd Sat – 5955 5975 7215
0130 RfPI Costa Rica, E, World of Radio – 15040 21815usb
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
0300 WWCR Nashville, E, World of Radio – 3215
0303 RÖI Vienna, Intermedia G – STL Astra only EUR
0430 HCJB Quito, G via WRN – STL Astra EuroMax/Hotbird /
WRN2 AfriSat / AfriStar
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 9775
0600 HCJB Quito, G – 9765 21455usb EUR
0600 WHRI South Bend, E, DXwCumbre – 7315
0600 KWHR Naalehu Hawaii, E, DXwCumbre – 17780
0605 Radio Australia, E, Feedback – 15240 15415 15515
0700 Voice of America, E, Communications World –
6873ssb (10869ssb)
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 – 7445 15040
0730 RfPI Costa Rica, E, World of Radio – 7445 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
1200 WRN2, E, Communications World – STL TelStar V AM
1227 RRI Bucharest, G – 15245 17745
1230 WWCR Nashville, E, World of Radio – 15685
1245 Radio Bulgaria Sofia, E – 15700 17500
1245 Voice of Turkey, G, fortnightly – 21530
1300 RfPI Costa Rica, E, Contin. of Media – 15040 21815usb
1300 WHRI South Bend, E, DXwCumbre – 6040
1330 RfPI Costa Rica, E, World of Radio – 15040 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 – 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
1600 WHRI South Bend, E, DXwCumbre – 13760
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 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
2105 RHC Habana, E – 13660usb 13750
2115 DW Cologne, E, last Sat – 9765 15275 17560
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 Radio Tashkent, E, **2nd** – 5025 7105 11905
2145 Voice of Turkey, E – 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
2305 RHC Habana, E – 9550
2315 DW Cologne, E, last Sat – 9470 9815 13690 21790
2315 Voice of Turkey, E – 9655 9830
2330 RfPI Costa Rica, E, Continent of Media –
15040 21815usb
2330 WHRI South Bend, E, DXwCumbre – 9495
- 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
0135 RHC Habana, E – 6000 9820 11705usb

0140 REE Madrid, E – 6055
0200 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
0205 Radio Budapest, E – 9835
0215 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 Radio Belarus Minsk, G – 1170 6070 7210
0335 RHC Habana, E – 6000 9820 11705usb
0335 Radio Budapest, E – 9835
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
0435 Radio Budapest, E – STL WRN TelStar V AM
WorldSpace Afristar AF / AsiaSat/AsiaStar AS/Pac
0500 HCJB Quito, E, Ham Radio Today –
9745 11840 21455usb NoAM
0500 WBCQ, E, Tom and Darryl – 7415
0530 RfPI Costa Rica, E, Continent of Media – 7445 15040
0535 RHC Habana, E – 9550 9820 9830usb
0540 REE Madrid, E – 6055
0600 RfPI Costa Rica, E, World of Radio – 7445 15040
0705 DW Cologne, G
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 Forli, E – 9765 STL Astra EUR/ME
0835 RKI Seoul, E – 9570 13670 STL
1000 AWR Wavescan KSDA Guam, E – 11705 11900
1005 hr1 Frankfurt, Netzwerk, G – FM STL
1105 DW Cologne, G
1115 Radio Bulgaria Sofia, G – 15700 17500
1130 AWR Wavescan Forli, E – 12020
1130 RVI Brussels, E – 9865
1130 RfPI Costa Rica, E, Continent of Media – 15040
1135 RKI Seoul via Sackville, E – 9650
1200 RfPI Costa Rica, E, World of Radio – 15040 21815usb
1225 Radio UKR Internat. Kiev, E – 11720 11825 15520
1230 RVI Brussels, E – 1512 STL
1230 RMI Miami (AWR Wavescan), E – 15725 (1330??)
1300 AWR Wavescan Abu Dhabi, E – 17630
1300 AWR Wavescan KSDA Guam, E – 15660
1300 KWHR Naalehu Hawaii, E, DXwCumbre – 11565
1330 AWR Wavescan Abu Dhabi, E – 15385
1330 AWR Wavescan KSDA Guam, E – 11755 11980 STL
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 WRN1, E, Communications World – STL via TelStar V
1500 RMI Miami (AWR Wavescan), E – 15725
1505 DW Cologne, G
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 6150 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
1930 RVI Brussels, E – STL WRN1 Euromax EUR/ME/AF /
TelStar V AM
1935 RKI Seoul, E – 5975 7275
2030 RVI Brussels, E – 1512 9925 STL
2030 AWR Wavescan Slovakia, E – 5955
2030 Radio Belarus Minsk, G – 1170 7105 7210
2110 RCI Montreal, E, Mailbag, fortnightly –
5995 7235 7425 9805 11600 13650 STL Hotbird
2130 AWR Wavescan KSDA Guam, E – 11960 11980
2130 Radio Belarus Minsk, G – 1170 7105 7210
2135 RKI Seoul, E – 15575
2200 WBCQ, E, Communications World – 7415
2200 RCI Montreal, E, Mailbag, fortnightly – STL Hotbird only
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