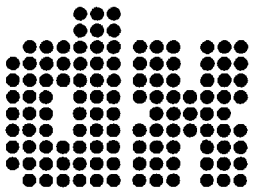


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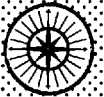
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magazine



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.



QSL of OM Eberhard Ahl



DEADLINE (Redaktionsschluß) for
DX MAGAZINE No. 7 is on June
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DX MAGAZINE No. 5

Vol. XXXV

May 2000

Hello again,

Welcome to another issue of our DX MAGAZINE. Please note that WORLD RADIO TV HANDBOOK 2000 is sold out now, i.e. why the advertisement on page 2 has disappeared. And now over to our usual news from outside the club:

The ADXB Asociación DX Barcelona and the European DX Council plan to hold the **2000 EDXC Conference** from October 13-15th at the Rancho Park Hotel, Castelldefels, Spain. All DXers, shortwave listeners, international broadcasters and other radio enthusiasts are cordially invited to attend. Castelldefels is located about 29 km south of Barcelona, quite close to the airport and with a commuter train service to the city centre. Further details will be provided in due course. Enquiries can be made to: <frubio@redestb.es> or <risto.vahakainu@helsinki.fi> or <edxc2000@yahoo.com>

ITU TELECOM AMERICAS 2000, the fourth regional telecommunications Exhibition and Forum for the Americas region, was held from 10-15 April, at the RioCentro Exhibition and Conference Centre, Rio de Janeiro, Brazil. It was organized by the International Telecommunication Union (ITU) and hosted by the Government of the Federative Republic of Brazil. AMERICAS 2000 featured world and regional leaders from the telecoms and IT industries as well as key figures from governments across the region. They met in Rio to discuss the issues shaping the future path of an industry which now generates more than a trillion US dollars a year in revenue worldwide. Around 17 000 trade visitors came to see the latest technology and services on display from 303 exhibitors from the telecommunications, information technology and audio-visual entertainment fields. A special stamp was issued by the government of Brazil to commemorate the event which coincided with the 500th anniversary of the discovery of Brazil.

The FORUM at AMERICAS 2000 covered the whole breadth of the telecommunications field. More than 300 speakers came from 42 different countries and a dozen international organizations such as Inter-American Telecommunication Commission (CITEL) of the Organization of the American States, the European Commission, the United Nations Development Programme (UNDP) and the World Bank. Altogether more than 1,100 people attended the FORUM, which encompassed a Policy and Regulatory Summit, an Infrastructure and Applications Summit, a TELECOM Development Symposium and various combined sessions, which had a strong focus on the impact of the digital revolution. (ITU)

Grundig Satellit - Alle Modelle in Wort und Bild ist ein neues Buch von Thomas Baier über diesen KW-Empfänger. Das Layout des Buches ist im Stil der Sechziger gehalten. Das Werk hat 100 Seiten und ist mit 100 Fotos und 19 Tabellen illustriert. Alle Fotos und Fakten direkt vom Sammler und Autor selbst. Buchaufbau: s/w, pro Modell eine Tabellenseite, eine Textseite und 2 Fotoseiten. Den ersten Modellen S 205 bis S 1400 wurden 4 Fotoseiten gewidmet. Auch Zubehör und Vergleichsgeräte werden z.T. vorgestellt, ebenso ein "Marktspiegel". Preis: DM 19,90 + Versandkosten = DM 2,00 (Inland). Erschienen im Bielefeld Verlag, ISBN 3-89833-013-3, Vertrieb jedoch in eigener Regie: E-Mail <nemez@arcormail.de>

Unser Mitglied Bernd Hebel hat folgende Zeitschriften für Liebhaber und Sammler anzubieten: 1.) RADIO-BILDFUNK-FERNSEHEN FÜR ALLE: Unabhängige Monatsschrift für Rundfunk und verwandte Gebiete. Franckh'sche Verlagsbuchhandlung, Stuttgart, Hg. Hanns Günther. Jahrgang 1932 (11.) komplett (12 Hefte); Jahrgang 1933 (12.) komplett (12 Hefte); Jahrgang 1934 (13.) alle ausser Nr. 8 und 11 (10 Hefte);

Jahrgang 1935 (14.) alle ausser Nr. 1 und 4 (10 Hefte).

2.) EIGENES LABORATORIUM: Monatsschrift für Radio Amateure, Radio, Ronfilm, Fernsehen; ÖRA, Offizielles Organ der Funktechnischen Gesellschaft (FU-GE). Technischer Verlag Berthold Erb, Wien. Jahrgang 1934 (11.) komplett (12 Hefte).

3.) RADIOTECHNIK: Radio-Amateur, Zeitschrift für Hochfrequenztechnik (monatlich). Technischer Verlag Erb, Wien. Jahrgang 1951 (31.): Heft Nr. 11; Jahrgang 1955 (35.): Hefte Nr. 10 und 11.

Zu vergeben an den Meistbietenden. Ihre Angebote richten Sie bitte per e-Mail <b.hebel@gmx.net> oder Telefon +41/76/5842020 direkt an Bernd Hebel, Basel (CH).

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



NEWS ABOUT BROADCASTING (+other) STATIONS
Dr. Juergen Kubiak · Goltzstr. 19 · D-10781 Berlin · GERMANY

ALASKA: KNLS, Anchor Point, Alaska - A00 schedule. Address: KNLS, P.O. Box 473, Anchor Point, Alaska 99556 U.S.A., fax: +615-371-8791 and email: KNLS@aol.com (for reception reports subject should be "reception report" without quotes). KNLS will provide only ONE QSL for each report, regardless the number of entries and doesn't NOT provide QSL's for other transmitter operators who may air World Christian Broadcasting programs. To qualify, a report must include: The date and time (UTC only) of the transmission, the frequency and as many program details as you can supply. At the web you will find KNLS at the URL www.knls.org

UTC	kHz	Language
0800	11765	English
0900	9615	Russian
1000	9615	Mandarin
1100	9615	Russian
1200	9615	Mandarin
1300	9615	English
1400	9615	Mandarin
1500	9615	Mandarin
1600	9615	Mandarin
1700	11765	Russian (KNLS website updated 8-April-2000 via JKB)

ALBANIA: A00 schedule of **Trans World Radio - TWR-Europe** from transmitter sites Cerrik, Shijak and Fllake. TWR is a Christian evangelical broadcaster with headquarters in North Carolina, USA.

UTC	DAY	LANGUAGE	kHz	PWR	CIRAF	AZI	DATE
<u>Tx Cerrik:</u>							
0515-0530	123 567	POLISH	9475	100	28	350	
0830-0845	23456	HUNGARIAN	9490	100	28	350	
0845-0900	123 5	SLOVAK	9490	100	28/29	350	
1030-1100	6	SLOVAK	9490	100	28/29	350	
1400-1415	7	RUSSIAN	9495	100	28/29/30	33	
1400-1415	7	RUSSIAN	11635	100	28/29/30	33	
1400-1500	6	RUSSIAN	9495	100	28/29/30	33	
1400-1500	6	RUSSIAN	11635	100	28/29/30	33	
1400-1515	2345	RUSSIAN	9495	100	28/29/30	33	
1400-1515	2345	RUSSIAN	11635	100	28/29/30	33	
1445-1515	1	RUSSIAN	9495	100	28/29/30	33	
1445-1515	1	RUSSIAN	11635	100	28/29/30	33	
1530-1545	67	ARMENIAN	9945	100	29S/39N	90	
1530-1545	67	ARMENIAN	12080	100	29S/39N	90	

1530-1600	12345	ARMENIAN	9945	100	29S/39N	90	
1530-1600	12345	ARMENIAN	12080	100	29S/39N	90	
1500-1530	1234567	POLISH	9435	100	28	350	
1615-1630	12 45	CZECH	6235	100	28	350	
1625-1740	123456	FARSI	9960	100	30/40	90	
1625-1740	123456	FARSI	12090	100	30/40	90	
1625-1710	7	FARSI	9960	100	30/40	90	
1625-1710	7	FARSI	12090	100	30/40	90	
1815-1845	1	BELORUS	9875	100	28/29/30	33	
1815-1845	1	BELORUS	11635	100	28/29/30	33	
1800-1845	234567	RUSSIAN	9875	100	28/29/30	33	
1800-1845	234567	RUSSIAN	11635	100	28/29/30	33	
1900-1930	1234567	LITHUANIAN	9475	100	29NW	350	010500-130800
1930-2000	12345	FINISH	9475	100	18	350	010500-130800
1930-2000	67	LITHUANIAN	9475	100	29NW	350	010500-130800
2000-2030	12345	SWEDISH	9475	100	18	350	010500-130800
2000-2030	67	ESTONIAN	9475	100	29NW	350	010500-130800
2030-2100	12345	NORWEGIAN	9475	100	18	350	010500-130800
2030-2100	67	LATVIAN	9475	100	29NW	350	010500-130800
2000-2015	1234567	ARABIC	6240	100	46	240	
2000-2015	1234567	ARABIC	7355	100	46	240	

Tx Shijak:

0515-0530	123 567	POLISH	7380	100	28	350	
0830-0845	23456	HUNGARIAN	7385	100	28	350	
0845-0900	123 5	SLOVAK	7385	100	28/29	350	
1030-1100	6	SLOVAK	7385	100	28/29	350	
1500-1530	1234567	POLISH	7380	100	28	350	
1615-1630	12 45	CZECH	7355	100	28	350	

Tx Fllake:

1825-1840	12	Bosnian	1395	500	28	330	
1825-1840	567	Serbian	1395	500	28	330	
1840-1915	1234567	Hungarian	1395	500	28	330	
1915-1930	1	Polish	1395	500	28	330	
1915-1930	2	Turkish	1395	500	28	330	
1915-1930	3	Farsi	1395	500	28	330	
1915-1930	4	Sorani	1395	500	28	330	
1915-1930	5	Arabic	1395	500	28	330	
1915-1930	6	Kirmanji	1395	500	28	330	
1915-1930	7	Russian	1395	500	28	330	
1930-1945	1234567	Croatian	1395	500	28	330	
1945-2015	12345	Croatian	1395	500	28	330	
1945-2015	67	Bosnian	1395	500	28	330	
2015-2030	1234567	Slovak	1395	500	28	330	
2030-2100	1234567	Czech	1395	500	28	330	
1825-1840	12	Bosnian	1395	500	28	330	
1825-1840	567	Serbian	1395	500	28	330	
1840-1915	1234567	Hungarian	1395	500	28	330	
1915-1930	1	Polish	1395	500	28	330	
1915-1930	2	Turkish	1395	500	28	330	
1915-1930	3	Farsi	1395	500	28	330	
1915-1930	4	Kur/Sorani	1395	500	28	330	
1915-1930	5	Arabic	1395	500	28	330	
1915-1930	6	Kur/Kirmanji	1395	500	28	330	
1915-1930	7	Russian	1395	500	28	330	
1930-1945	1234567	Croatian	1395	500	28	330	
1945-2015	12345	Croatian	1395	500	28	330	
1945-2015	67	Bosnian	1395	500	28	330	
2015-2030	1234567	Slovak	1395	500	28	330	
2030-2100	1234567	Czech	1395	500	28	330	

(TWR Vienna Office via WB, 22 Mar 00)

ARMENIA: A00 schedule of *Trans World Radio - TWR-Europe* from transmitter site Gavar to Central Asia.

UTC	DAY	LANGUAGE	KHz	PWR	CIRAF	AZI
0030-0045	1234567	KAZAK	6240	100	30/31	78

0045-0100	1234567	KOREAN	6240	100	30/31	78
1625-1640	1234567	ENGLISH	5895	100	30/31	78
1640-1655	567	TURKMEN	5895	100	30/31	78
1640-1655	1234	KIRGIS	5895	100	30/31	78
1655-1710	1234567	UZBEK	5895	100	30/31	78
1710-1740	7	TAJIKI	5895	100	30/31	78
0030-0045	1234567	Kazak	864	1000	30,31	0
0045-0100	1234567	Korean	864	1000	30,31	0
0300-0330	1234567	Armenian	864	1000	29	0
1625-1640	1234567	English	864	1000	30,31	0
1640-1655	1234	Kirgis	864	1000	30,31	0
1640-1655	567	Turkish	864	1000	30,31	0
1655-1710	1234567	Uzbek	864	1000	30	0
1710-1740	123456	Farsi	864	1000	39,40	0
1710-1740	7	Tajiki	864	1000	30,31	0
1810-1825	1234567	Sorani	864	1000	39	0
1830-1900	12345	Turkish	1350	1000	39	262
1830-1845	67	Kirmanji	1350	1000	39	262
1845-1900	67	Turkish	1350	1000	39	262
1901-1931	1234 67	Hebrew	1350	1000	39	232
1901-1931	5	Russian	1350	1000	39	232
1931-2001	1234 7	Hebrew	1350	1000	39	232

(TWR Vienna Office via WB, 22 Mar 00)

BELGIUM: Radio Vlaanderen Internationaal - RVI summer schedule 2000 (26 March - 28 October 2000).

UTC Lang. via kW Beam kHz Target area
Schedule shortwave transmissions on WEEKDAYS:

0400-0430	E	BON	250	320	15565	N.America
0430-0500	N	BON	250	320	15565	N.America
0500-0600	N	WAV	200	163	5985	S.Europe
0500-0600	N	WAV	200	137	9925	SE.Europe
0600-0700	N	WAV	200	163	5985	S.Europe
0600-0700	N	WAV	100	153	9925	S&N.Europe
0600-0700	N	WAV	200	137	13710	SE Europe
0700-0800	N	WAV	100	153	9925	S&N.Europe
0700-0800	N	WAV	200	197	13710	SW.Europe
0700-0730	E	WAV	200	163	5985	S.Europe
1100-1130	N	WAV	200	153	9925	S&N.Europe
1100-1130	N	WAV	200	197	13710	SW.Europe
1130-1200	E	P.K	250	244	9865	E.Asia
1130-1200	E	WAV	200	153	9925	S&N-Europe
1200-1230	N	P.K	250	244	9865	E.Asia
1200-1230	N	TAC	100	131	17690	SE.Asia
1200-1230	N	WAV	200	157	21630	C-Africa
1600-1630	N	WAV	200	153	9925	S&N.Europe
1600-1630	N	WAV	200	137	13710	SE.Europe
1630-1645	F	WAV	200	153	9925	S&N-Europe
1645-1700	D	WAV	200	153	9925	S&N-Europe
1700-1730	N	WAV	200	163	5910	S.Europe
1700-1730	N	WAV	100	84	9925	E.Europe
1700-1730	N	WAV	200	197	13710	SW.Europe
1730-1800	E	WAV	200	163	5910	S.Europe
1730-1800	E	WAV	100	84	9925	E-Europe
1730-1800	E	JUL	100	115	13710	ME; SE.Europe
1730-1800	E	WAV	200	157	17735	C.Africa
1800-1900	N	WAV	200	163	5910	S.Europe
1800-1900	N	WAV	100	197	9925	SW.Europe
1800-1900	N	MDC	50	245	13645	S.Africa
1800-1900	N	JUL	100	115	13710	ME; SE.Europe
1800-1900	N	WAV	200	157	15365	C-Africa
1800-1900	N	JUL	100	160	17735	C-Africa

1900-1915	F	JUL	100	ND	5960	W.Europe
1915-1930	D	JUL	100	ND	5960	W.Europe
1930-2000	E	JUL	100	ND	5960	W.Europe
2000-2100	N	WAV	200	163	5910	S.Europe
2000-2100	N	WAV	200	197	9925	SW.Europe
2230-2300	E	BON	250	350	15565	N.America
2300-2330	N	BON	250	350	15565	N.America

EXCEPTION ON SATURDAYS:

1800-1900	N	MDC	50	245	13645	S.Africa
1800-1900	N	JUL	100	115	13710	ME; SE.Europe
1800-1900	N	JUL	100	160	17735	C-Africa
1800-2000	Sport	WAV	200	163	5910	S.Europe
1800-2000	Sport	WAV	100	197	9925	SW.Europe
1800-2000	Sport	WAV	200	157	15365	C.Africa

EXTRA ON SUNDAYS:

1000-1100	N	WAV	200	152	17690	C.Africa
1000-1100	N	WAV	200	157	21630	C.Africa
1300-1600	Sport	WAV	100	163	9925	S.Europe
1300-1600	Sport	WAV	200	197	13710	SW.Europe
1300-1600	Sport	WAV	200	157	21630	C.Africa

D = German

E = English

F = French

N = Dutch

Sport = relay sports programme from Radio 1 (in Dutch)

Transmitter sites:

BON = Bonaire, Netherlands Antilles

JUL = Jülich, Germany

MDC = Talata, Madagascar

P.K = Petropavlovsk-Kamtchatsky, Russia

TAC = Tashkent, Uzbekistan

WAV = Wavre, Belgium

(Paul Brems via WB, 22 Mar 2000)

CANADA: Final broadcast schedule A00 of **Radio Canada International - RCI.** Effective 26.03.00 (0900 UTC) to 28.10.00 (0900 UTC).

UTC	FREQU. (kHz)	kW	TARGET Azim	PROGRAMS DESTINATION	EMIS-	-----	-----	-----	-----	-----
SIONS						0000-0029	11895	250	176	ANT/AMÉRIQUES

0243-0258	12345	French	216	2000	27	315
0345-0415	1234567	German	1467	1000	28	25
1900-1915	1 6	Tamazight	1467	1000	37,38	241
1900-1915	23	Mandarin	1467	1000	27,28	325
1900-1915	45	Albanian	1467	1000	28	85
1900-1915	7	Sous	1467	1000	37,38	241
1915-1930	1234 67	Albanian	1467	1000	28	85
1915-1930	5	Spanish	1467	1000	27,28	241
1930-2000	1234567	German	1467	1000	28	25
2000-2030	12345	German	1467	1000	28	25
2000-2100	67	Arabic	1467	1000	37,38	241
2030-2100	12345	Kabyle	1467	1000	37,38	241
2100-2200	1234567	Arabic	1467	1000	37,38	241
2200-2215	1234567	English	1467	1000	27	325
2215-2245	1 7	English	1467	1000	27	325

(TWR Vienna Office via WB, 22 Mar 00)

GERMANY: New AOO schedule valid until 26 March 2000 of *Trans World Radio Europe* - *TWR* via Juelich.

UTC	DAY	LANGUAGE	kHz	PWR	CIRAF	AZI
0645-0850		7 ENGLISH	6045	100	27	0
0645-0820		6 ENGLISH	6045	100	27	0
0655-0820	12345	ENGLISH	6045	100	27	0
1230-1245	1	MACEDONIAN	9490	100	28	130
1230-1245	23 567	CROATIAN	9490	100	28	130
1230-1245	4	SLOVENIAN	9490	100	28	130
1245-1300	6	SLOVENIAN	9490	100	28	130
1245-1300	7	MACEDONIAN	9490	100	28	130
1630-1645	5 7	ROMANIAN	7260	100	28	110
1600-1645	6	ROMANIAN	7260	100	28	110

(TWR Vienna Office via WB, 22 Mar 00)

LIBERIA: Liberia's government ordered the immediate closure of *Star Radio* and the Catholic station *Radio Veritas* in that country. Star Radio had already been denied a license for shortwave, but now it has also been taken off its FM frequency in Monrovia. The Liberian government said it close the station because of what it described as a "threat created by agents provocateurs using the news media." The Swiss-based Hironnelle Foundation, which set up Star Radio, said police occupied the Star Radio compound Wednesday morning and also closed its Internet news service. U.S. State Department spokesman James Rubin said Thursday that the United States vigorously protests the closure of the two stations. (Comm. via JKB, 18 March 2000) Agence France Press reported Wednesday that Radio Veritas was allowed back on the air after talks between station personnel and Liberian authorities. And Radio France International announced that it is now rebroadcast in Monrovia, the capital, on 106 megahertz FM. This would make RFI the only major international broadcaster now on FM in Monrovia. (Comm. via JKB, 25 March 2000)

MOLDOVA: New AOO schedule valid until 28 October 2000 of *Trans World Radio Europe* - *TWR* Grigoriopol.

UTC	DAY	LANGUAGE	kHz	PWR	CIRAF	AZI
1730-1800	1234567	Ukrainian	999	500	29	0
1900-1930	1	Belorussian	999	500	29	0
1900-1930	234567	Russian	999	500	29	0
1800-1830	12345 7	Bulgarian	1548	500	28	245
1800-1845	6	Bulgarian	1548	500	28	245
1830-1845	12345 7	Romani/Balka	1548	500	28	245
1845-1915	123456	Romani/Kalde	1548	500	28	245
1845-1915	7	Macedonian	1548	500	28	245
1915-1945	1234567	Rumanian	1548	500	28	245
1945-2000	12	Macedonian	1548	500	28	245
1945-2000	34567	Serbian	1548	500	28	245
1730-1800	1234567	Ukrainian	999	500	29	0
1900-1930	1	Belorussian	999	500	29	0
1900-1930	234567	Russian	999	500	29	0

1800-1830	12345	7	Bulgarian	1548	500	28	245
1800-1845		6	Bulgarian	1548	500	28	245
1830-1845	12345	7	Rom/Balkan	1548	500	28	245
1845-1915	123456		Rom/Kalderas	1548	500	28	245
1845-1915		7	Macedonian	1548	500	28	245
1915-1945	1234567		Rumanian	1548	500	28	245
1945-2000	12		Macedonian	1548	500	28	245
1945-2000	34567		Serbian	1548	500	28	245

(TWR Vienna Office via WB, 22 Mar 00)

MONACO: New A00 schedule valid until 26 March 2000 of *Trans World Radio Europe* - TWR Monte Carlo.

UTC	DAY	LANGUAGE	KHz	PWR	CIRAF	AZI
0645-0850		7 ENGLISH	9870	100	27	324
0645-0820		6 ENGLISH	9870	100	27	324
0655-0820	12345	ENGLISH	9870	100	27	324
0830-0845	123456	GERMAN	9795	500	28	26
0830-0845	123456	GERMAN	7160	100	28	13
0830-0915		7 GERMAN	9795	500	28	26
0830-0915		7 GERMAN	7160	100	28	13
1230-1245	1	MACEDONIAN	7255	100	28	85
1230-1245	23 567	CROATIAN	7255	100	28	85
1230-1245	4	SLOVENIAN	7255	100	28	85
1245-1300		6 SLOVENIAN	7255	100	28	85
1245-1300		7 MACEDONIAN	7255	100	28	85
1330-1400	1234567	GERMAN	9795	500	28	26
1330-1400	1234567	GERMAN	7160	100	28	13
1315-1330		6 GERMAN	9795	500	28	26
1315-1330		6 GERMAN	7160	100	28	13
1300-1330		7 GERMAN	9795	500	28	26
1300-1330		7 GERMAN	7160	100	28	13
1630-1645	5 7	ROMANIAN	9855	500	28	65
1600-1645	6	ROMANIAN	9855	500	28	65

(TWR Vienna Office via WB, 22 Mar 00)

NETHERLANDS: Shortwave and Mediumwave frequency schedule of *Radio Netherlands* - RN, valid from 26 March - 29 October 2000, published by RN Programme Distribution Dept. Hilversum, updated version 02-May-2000. Please see also NETHERLANDS ANTILLES.

UTC	Site	kHz	Beam	kW	Language	Target	1130-1325	Jülich	6045	ND	100	English	C & W Europe
0130-0225	Flevo	11730	290	500	Dutch	N & C America	1130-1325	Wertachtal	9860	125	300	English	W Europe
0130-0225	Bonaire	15315	170	250	Dutch	S America s	1130-1155	Bonaire	6020	210	250	Spanish	S America nw
0130-0325	Bonaire	6165	275	250	Spanish	C America	1130-1155	Bonaire	9715	170	250	Spanish	S America nw
0130-0325	Flevo	9845	275	500	Spanish	Mex/Caribb	1130-1230	Petropavl.	9865	244	250	RVI Engl.	E Asia
0230-0330	Madagascar	3215	200	50	AWR	Madagascar						RVI Dutch	
0257-0345	Bonaire	15105	320	250	DW English	N America w	1200-1230	Tashkent	17690	131	100	RVI Dutch	SE Asia
0330-0425	Bonaire	6165	335	250	Dutch	N America c	1130-1325	Madagascar	17580	85	200	Indonesian	Indonesia
0330-0425	Flevo	9590	290	500	Dutch	N America c	1130-1325	Madagascar	21480	85	200	Indonesian	Indonesia
0330-0425	Madagascar	9845	335	200	Dutch	East Africa	1130-1325	Singapore	11690	140	250	Indonesian	Indonesia
0330-0425	Madagascar	15560	360	200	Dutch	Middle East	1200-1225	Bonaire	6020	275	250	Spanish	C America
0400-0456	Bonaire	15565		250	RVI	N America w	1200-1225	Bonaire	9715	290	250	Spanish	C America
0430-0530	Bonaire	6165	320	250	English	N America w	1330-1425	Tashkent	12065	131	100	Dutch	SE Asia/ W Australia
0430-0530	Bonaire	9590	320	250	English	N America w							
0457-0557	Wolvertem	1512	ND	300	Dutch	C & W Europe	1330-1425	Madagascar	17580	50	200	Dutch	South Asia
0500-0545	Bonaire	11985	320	250	DW English	N America w	1330-1425	Madagascar	21480	45	200	Dutch	South Asia
0500-0557	Flevo	7130	113	500	Dutch	Centr. & SE Europe	1330-1425	Petropavl.	9890	244	250	Dutch	Far East & East Asia
0500-0800	Flevo	9895	127	500	Dutch	SE Europe	1330-1425	Khabarovsk	13695	218	100	Dutch	East Asia/ SE Asia
0500-1700	Flevo	5955	210	500	Dutch	West Europe							
0500-1700	Flevo	9895	205	500	Dutch	SW Europe	1429-1455	Madagascar	17750	55	50	Dem. V. of Burma	SE Asia
0600-0757	Flevo	11935	191	500	Dutch	South Europe							
0700-0800	Bonaire	9820	230	250	Dutch	NZ/Australia	1430-1625	Madagascar	15590	50	200	English	South Asia
0700-0800	Bonaire	11655	230	250	Dutch	NZ/Australia	1430-1625	Madagascar	9890	50	200	English	South Asia
0800-1700	Flevo	13700	123/500	Dutch		S & SE Europe	1430-1625	Tashkent	12075	131	100	English	South Asia
							1458-1525	Madagascar	17490	55	50	IBC Tamil	South Asia
0857-0945	Madagascar	15210	245	200	DW Engl.	South Africa	1530-1630	Madagascar	3215	200	50	AWR	Madagascar
0930-1015	Bonaire	6020	110	250	Dutch	Suriname (Mon-Sat)	1630-1725	Madagascar	6020	255	200	Dutch	South Africa
							1630-1725	Madagascar	11655	335	200	Dutch	East Africa
0930-1130	Bonaire	9795	230	250	English	NZ/Australia	1730-2025	Madagascar	6020	255	200	English	South Africa
0930-1130	Irkutsk	13710	152	250	English	E & SE Asia	1730-2025	Madagascar	7120	320	200	English	East Africa
0930-1130	Petropavl.	12065	244	250	English	Far East + E Asia + Aus	1757-1900	Madagascar	11985	245	200	RVI Dutch	South Africa
							1730-1825	Flevo	9895	113	500	Dutch	ME/E Africa
1030-1125	Bonaire	9720	230	250	Dutch	NZ/Australia	1730-1825	Flevo	13700	123	500	Dutch	SE Europe/ME
1030-1125	Madagascar	17575	115	200	Dutch	W Australia	1730-1825	Flevo	15560	153	500	Dutch	S & E Africa
1030-1125	Madagascar	21480	85	200	Dutch	SE Asia	1730-1825	Bonaire	21590	90	250	Dutch	W Africa
1030-1125	Khabarovsk	13820	218	100	Dutch	East Asia	1730-2025	Flevo	11655	191	500	English	W Africa
1100-1125	Bonaire	15455	170	250	Spanish	S America	1830-2025	Flevo	9895	187	500	English	West Africa

1830-2025 Flevo	13700	205	500	English	West Africa	2130-2225 Flevo	9895	260	500	Dutch	S America n
1830-2025 Bonaire	17605	80	250	English	C,W Africa						Caribbean
1830-2025 Bonaire	21590	90	250	English	West Africa	2130-2225 Flevo	13700	230	500	Dutch	N America e
2030-2125 Bonaire	15315	80	250	Dutch	West Africa	2130-2325 Madagascar	7285	85	200	Indonesian	Indonesia
2030-2125 Bonaire	17605	80	250	Dutch	West Africa	2130-2325 Madagascar	9590	75	200	Indonesian	Indonesia
2030-2125 Bonaire	21590	90	250	Dutch	C Africa	2230-0125 Flevo	9895	260	500	Spanish	S America/ Caribbean
2030-2125 Flevo	6020	191	500	Dutch	Spain/Port						
2030-2125 Flevo	9895	123	500	Dutch	Greece/Turkey	2230-0125 Flevo	15315	170	500	Spanish	S America s
2030-2125 Flevo	9895	205	500	Dutch	NW Africa	2230-2325 Bonaire	11715	170	250	Spanish	S America n
2030-2125 Flevo	11655	191	500	Dutch	West Africa	2230-2325 Singapore	6120	140	250	Indonesian	Indonesia
2030-2125 Kaliningrad	5835	245	160	Dutch	C & W Europe	2230-2326 Bonaire	15565	350	250	RVI	N America e
2030-2125 Madagascar	6015	255	200	Dutch	South Africa	2330-0025 Flevo	11715	230	500	Spanish	S America e
2030-2125 Madagascar	7120	290	200	Dutch	C Africa	2330-0025 Khabarovsk	17590	218	100	Dutch	SE Asia
2030-2225 Wolvertem	1512	ND	300	English	C & W Europe	2330-0025 Madagascar	7280	85	250	Dutch	SE Asia
2130-2225 Bonaire	6020	110	250	Dutch	Surinam	2330-0025 Singapore	9590	140	250	Dutch	SE Asia
2130-2225 Bonaire	15155	350	250	Dutch	N America e	2330-0125 Bonaire	6165	335	250	English	N America c
2130-2225 Bonaire	15315	182	250	Dutch	S America w	2330-0125 Bonaire	9845	350	250	English	N America e

(Website Radio Netherlands, 16-May-2000)

NETHERLANDS ANTILLES: "I have just received the bad news that there has been a major fire at our Bonaire relay station. Apparently the diesel generators have been totally destroyed, meaning there is no power to run the station. I am not sure yet whether any of the transmitters have been damaged. Clearly this is a major incident and there is no chance of the station getting back on the air in the short term. The good news is that I understand nobody has been injured. I am sure that my colleagues at RN will be working as fast as they can to work out an alternative schedule. The problem is exacerbated by it being Easter weekend, with people away - not everyone knows yet." (Andy Sennitt, Radio Netherlands, April 23, swprograms via DX LISTENING DIGEST)

"Since the accident our staff in Bonaire has worked around the clock to get the station back on the air. Two new generators have arrived for the energy supply of the transmitters and one small generator for the general electricity of the station. A new building has been constructed to host the new generators." (Andy Sennitt, Radio Netherlands, April 29)

"Thanks to a fantastic effort over the past 10 days by Bonaire relay station manager Leo Kool and his entire staff, I'm delighted to report that Radio Netherlands is resuming a full schedule from Bonaire, at full power, as of 1730 UTC on 2 May 2000. The temporary generators have proven to be capable of powering two 250kW transmitters, so there's no need to use substitute sites. DW and RVI English broadcasts will also be using Bonaire again with immediate effect." (Andy Sennitt, Radio Netherlands, May 2)

PORTUGAL: A00 frequency schedule of **RDP Internacional** Lisboa. Postal address: RDP Internacional, Apartado 1011, P-1001 Lisboa, Portugal. All Transmissions in Portuguese.

Mon-Fri:

EUR	0500-1200	9815	100	LPV	30	degr	/11	gain	dB
		11960	100	RHOS	52	degr	/20		
	0645-0800	11850	250	HRS	55	degr	/18	(DW Sines tx)	
	1600-1900*	15445	100	RHOS	52	degr	/19		
		15555	100	LPV	30	degr	/11		
	1600-1900	13770	100	RHOS	66	degr	/20		
	1900-2300#	13625	100	RHOS	66	degr	/20		
ME / IND	1300-1500	13665	100	RHOS	81,5	degr	/19		
AF	1000-1200	21830	100	HR	142	degr	/18		
	1600-1900	17680	300	HR	144	degr	/20		
	1900-2300#	11945	300	HR	144	degr	/20		
USA / CAN	0500-0700	15585	100	RHOS	310	degr	/19		
	1200-2300#	15580	100	RHOS	294	degr	/19		
	2300-0200	9715	100	RHOS	294	degr	/19		
		11655	100	RHOS	310	degr	/20		
VEN	1900-2300#	21540	100	RHOS	261	degr	/19		
	2300-0200	13700	100	RHOS	261	degr	/19		
BRAZIL / CVERDE / GUINEA									
	1000-1200	21655	100	RHOS	215	degr	/20		
		21725	100	RHOS	215	degr	/20		
	1600-1900	21655	100	RHOS	215	degr	/20		

1600-1900*21800 100 RHOS 215 degr /20
 BRAZIL 2300-0200 13660 100 RHOS 215 degr /18
 15295 100 RHOS 215 degr /18

Sat and Sun:

EUR 0700-1355 12020 100 RHOS 52 degr /20
 13610 100 LPV 30 degr /11
 0830-1000 11995 250 HRS 55 degr /18 (DW Sines tx)
 1400-2000 13770 100 RHOS 66 degr /20
 1400-2000*15555 100 LPV 30 degr /11
 1900-2300#13625 100 RHOS 66 degr /20
 AF 0700-1655 21830 100 RHOS 142 degr /18
 1700-2000 17680 300 RHOS 144 degr /22
 1900-2300#11945 300 RHOS 144 degr /18
 USA / CAN 1200-2000*15580 100 RHOS 294 degr /19
 VEN 1200-2000 17615 100 RHOS 261 degr /19
 1900-2300#21540 100 RHOS 261 degr /19
 BRAZIL / CVERDE / GUINEA
 0700-2000 21655 100 RHOS 215 degr /20
 1200-2000*21800 100 RHOS 215 degr /20

* may be extended until 2300.

reserved for special transmissions.

Emissions in Portuguese and Tetum language, spoken in Timor Program ID is "Timor Loro Sae":

EaTIMOR 1000-1100 11550 250 HR 205 degr
 1400-1500 15345 250 HR 180 degr
 2200-2300 11550 250 HR 205 degr

(Grupo Redes de Emissores via Carlos L.R.de Assuncao Goncalves via Noel Green via BC-DX, Mar 17)

ROMANIA: Summer A00 schedule of *Radio Romania International*, homepage at the internet is www.rrri.ro and postal address is: Radio Romania International, PO Box 111, Bucharest.

0000-0200 Romanian 11940 15255
 0000-0100 Spanish 11790 15105 15340 17815
 0100-0200 Portuguese 15340 17815
 0200-0300 English 9570 11885 11940 15105 15380 17790
 0300-0400 Spanish 9510 11940
 0330-0400 Chinese 15340 17790
 0400-0500 English 11940 15105 15335 17745
 0500-0530 Bulgarian 5965
 0500-0600 French 11940 15105
 0500-0600 Romanian 15250 17745 21480
 0530-0600 Ukrainian 7195
 0600-0700 English 11940 15335
 0600-0630 Hungarian 7225
 0600-0656 Multiling 9570 9665 11885 15250
 Ro 0600-0615
 Fr 0615-0628
 Ge 0628-0641
 En 0641-0656
 0700-0800 Arabic 15370 15380 17720 17815
 0700-0800 English 15580 17735
 1100-1200 French 15250 15380 17720 17815
 1100-1300 Romanian 11810 15390 17770
 1200-1300 German 11940 15180 17720
 1300-1400 English 15250 15390 17770 17790
 1300-1400 Russian 15270 15405 17745
 1400-1500 Arabic 15270 15370 15380 17745 17815
 1400-1430 Italian 15180
 1430-1500 Chinese 9675 11885
 1500-1600 French 15250 15340 17805 17815
 1500-1530 Italian 15180 MW 756
 1500-1600 Russian 11970 15365
 1600-1700 German 11940 15250 17805
 1600-1700 Romanian 15270 17790

1600-1630	Ukrainian	11970			
1630-1700	Bulgarian	11725	MW	756	
1700-1800	English	15250	15390	17735	17805
1700-1900	Romanian	11940	15405		
1700-1730	Serbian	11725	MW	756	
1730-1800	Greek	11775	MW	756	
1800-1830	Aromanian	9510	MW	756	
1800-1900	Spanish	11840	15250	17745	
1900-2000	German	5955	7195	9690	11940
1900-2000	Russian	6125	7205		
1900-1930	Serbian	11775	MW	756	
1930-2000	Greek	6015	11970	MW	756
2000-2100	French	9690	11940	15405	
2000-2030	Italian	11765	MW	756	
2030-2100	Hungarian	5955	7105	MW	630
2030-2100	Aromanian	MW	756		
2100-2200	English	11740	11940	15105	15180
2100-2200	Romanian	11830	15405		
2200-2300	Portugese	11790	15255	15380	17745
2200-2300	Spanish	15340	15365	17815	
2300-0000	English	9690	11775	11830	15105
2300-0000	Romanian	15365	17815		

(RRI web site via WB, Mar 30)

RUSSIA: A00 schedule of *Trans World Radio - TWR-Europe* from transmitter site St. Petersburg.

UTC	DAY	LANGUAGE	kHz	PWR	CIRAF	AZI
1900-1930	12345	Lithuanian	1494	600	29NW	258
1900-2000	67	Lithuanian	1494	600	29NW	258
1930-2000	12345	Finnish	1494	600	18	258
2000-2030	12345	Swedish	1494	600	18	258
2000-2030	67	Latvian	1494	600	29NW	258
2030-2100	12345	Norwegian	1494	600	18	258
2030-2100	67	Estonian	1494	600	29NW	258

(TWR Vienna Office via WB, 22 Mar 00)

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. Website: <www.febo.org.uk>. Broadcast Schedule, Summer A00 26th March to 29th October 2000:

Time UTC	Days	Languages	Frequency kHz	Azimuth deg	Power Kw			
NoIND, NEPAL, TIBET								
0030-0100	smtwtfs	HINDI	7285	040 B	100			
0100-0115	smtw...	MARATHI	7285	040 B	100			
0100-0115	.....f.	DZONKHA	7285	040 B	100			
0100-0115	.....s	PUNJABI India	7285	040 B	100			
0045-0100	smtwt...	BANGLA	9465	040 N	100			
0045-0100	.....f.	PUNJABI India	9465	040 N	100			
0045-0100	.....s	ASSAMEESE	9465	040 N	100			
0815-0900	.....t..	HINDI	15460	040 N	100			
1145-1200	s.....s	TSANGLA	15445	040 N	100			
1200-1230	smtwtfs	TIBETAN	15445	040 N	100			
1230-1245	smt.....	MUNDARI	15445	040 N	100			
1230-1245	...w.fs.	BHOJPURI	15445	040 N	100			
1230-1245	.....t..	NAGPURIA	15445	040 N	100			
1245-1300	s.....	MARATHI	15445	040 N	100			
1245-1300	.....f.	PUNJABI India	15445	040 N	100			
1245-1300	.....s	MARWARI	15445	040 N	100			
1245-1300	.....s	BHILI	15445	040 N	100			
1300-1315	.m.wt..	ORIYA	15445	040 N	100			
1330-1345	sm.....	NEPALI	15445	040 N	100			
1330-1345	..tw...	CHATTISGARHI	15445	040 N	100			
1330-1345	.....s	MAGHI	15445	040 N	100			
1315-1330	smtwt.s	GUJARATI	15445	040 N	100			
1315-1345	.....f.	GUJARATI	15445	040 N	100			
1400-1415	smtwt..	URDU India	11600	040 B	100			
1400-1500	.....fs	HINDI	11600	040 B	100			
1415-1500	smtwt..	HINDI	11600	040 B	100			
1415-1445	smtwtfs	BANGLA	15445	040 N	100			
1500-1600	smtwtfs	ENGLISH S.Asia	11600	040 B	100			
SoIND, MALDIVES, SRI LANKA								
0115-0145	smtwt..	TELUGU	7285	040 B	100			
0115-0200	.....fs	TELUGU	7285	040 B	100			
0145-0200	s.....	MALAYALAM	7285	040 B	100			
0100-0200	smtwtfs	TAMIL	9465	052 N	100			
0815-0900	.....f.	ENGLISH S.Asia	15460	052 N	100			
0815-0830	.....s	TELUGU	15460	052 N	100			
0815-0830	s.....	MALAYALAM	15460	052 N	100			
0830-0845	s.....	BADAGA	15460	052 N	100			
0845-0900	s.....	TAMIL	15460	052 N	100			
1300-1330	smtwtfs	MALAYALAM	11600	052 N	100			
1330-1345	smtwtfs	TAMIL	11600	052 N	100			
1330-1400	smtwtfs	SINHALA	9810	052 N	100			
1345-1400	sm.....	BADAGA	11600	052 N	100			
1445-1500	...w....	MALAYALAM	15445	052 N	100			
1445-1500	.....f.	KONKANI	15445	052 N	100			
1445-1500	.....s	TULU	15445	052 N	100			
1445-1515	s.....	KANNADA	15445	052 N	100			
1500-1515	.mtwtfs	KANNADA	15445	052 N	100			
1500-1600	smtwtfs	ENGLISH S.Asia	11600	040 B	100			
1630-1700	s.....	ENGLISH S.Asia	11605	052 N	100			
1630-1700	.....f.	DHIVEHI	11605	052 N	100			
PAK, AFG, IRN								
0145-0200	s.....fs	AZERI	11610	358 N	100			
0200-0230	smtwtfs	PERSIAN	11610	358 N	100			
0200-0215	smtwtfs	URDU Pakistan	11640	028 N	100			
0200-0215	s.....fs	SIRAIKI	9465	028 N	100			
0200-0215	.mt....	HINDKO	9465	028 N	100			
0215-0230	smtwtfs	SINDHI	9465	028 N	100			
0230-0245	s.....fs	BALUCHI	9465	028 N	100			
0230-0245	.....t..	BALUCHI S.Iran	9465	358 N	100			
0230-0245	.m.....	BRAHUI	9465	028 N	100			

0215-0230	smtw..s	PUNJABI	Pakistan	11640	028	N	100	EaAf_ETH_SDN_INDIAN OCEAN	0315-0400	smtw..s	SWAHILI	11885	280	B	75
0230-0245	smtwtf.s	PUSHTO		11640	028	N	100	0315-0345	....tf.	SWAHILI	11885	280	B	75
0230-0245	smtwtf.s	PUSHTO		15555	028	N	100	0345-0400	....f.	ENGLISH	11885	280	B	75
0245-0300	smtwtf.s	DARI		11640	028	N	100	0400-0415	....t..	PORTUGUESE	9455	232	N	75
0245-0300	smtwtf.s	DARI		15555	028	N	100	0400-0430	smtw.fs	PORTUGUESE	9455	232	N	75	
0300-0330	....f.	DARI		15555	028	N	100	0915-0930	smtwtf.s	FRENCH	15430	208	N	75
0300-0315	s.....s	HAZARAGI		15555	028	N	100	1515-1530	smtwtf.s	NUER	11885	280	B	75	
1400-1443	smtwtf.s	URDU	Pakistan	9810	040	B	100	1530-1545	smtwtf.s	DINKA	11885	280	B	75	
1443-1458	...wtf.s	HINDKO		9810	040	B	100	1545-1615	....s	MAKONDE	11885	280	B	75
1443-1458	s.....s	URDU	Pakistan	9810	040	B	100	1600-1615	smtwtf.	MAKONDE	11885	280	B	75	
1458-1513	s.....s	BALTI		9810	040	B	100	1600-1630	s....fs	AMHARIC	11640	322	N	100	
1545-1600	smtwtf.s	HAZARAGI		9485	040	B	100	1600-1615	.mtw...	TIGRINYA	11640	322	N	100	
1600-1630	smtwtf.s	DARI		9485	040	B	100	1615-1630	.mtw...	GURAGENA	11640	322	N	100	
ME								1615-1700	smtwtf.s	SWAHILI	11885	280	B	75	
0345-0445	smtwtf.s	ARABIC		15530	340	B	100	1630-1700	smtwtf.s	AMHARIC	11640	322	N	100	
0500-0558	s.....s	TAGALOG	M.East	15555	340	B	100	1700-1730	s.....s	OROMO	11640	340	B	100	
0530-0600	....f.	SINHALA	M.East	15555	340	B	100	1700-1745	smtwtf.s	SOMALI	9485	340	B	100
1000-1058	....f.	TAGALOG	M.East	15535	340	B	100	1700-1730	smtwtf.s	SOMALI	11885	280	B	75
1100-1300	smtwtf.s	ARABIC		15535	340	B	100	1830-1845	.tw...	FRENCH	9485	280	B	75	
1100-1245	....f.	ARABIC		15535	340	B	100	1830-1900	sm..tfs	FRENCH	9485	280	B	75
1245-1300	....f.	ENGLISH		15535	340	B	100							
1800-1900	....f.	MALAYALAM		11600	340	B	100							

(FEBA schedule A00bs1 dated 23.03.00 via WB)

UNITED KINGDOM: BBC World Service will be maintaining its good signal in the Middle east and South Asia. BBC and Merlin Communications have signed a deal to upgrade and move the World Service in Oman. That site is presently on Masirah Island; it will move to Al-Ashkarah on the Omani mainland. BBC says that the Oman relay, on 720 and 1413 kHz, plus shortwave, serves up to 50 million World Service listeners.

(Comm. via JKB, 26 February 2000)

BBC World Service, operational schedule A-00 part 2 1200 UTC to 2400 UTC (sorted first by time, then by site - ed.). Part 1 of schedule 0000 - 1200 UTC was published in DXM last month.

From	To	Freq	Days	Site	KW	deg	Language	Target	1300	1350	5990	smtwtf.s	Nakhon Sawan	250	45	ENGLISH	FE
1200	1204	6195	.mtwtf.	Antigua	250	160	ENGLISH	C N AM	1300	1350	6195	.mtwtf.	Singapore	125	0	ENGLISH	SE AS
1200	1204	15220	.mtwtf.	Antigua	125	205	ENGLISH	S AM	1300	1350	6195	.mtwtf.	Singapore	125	90	ENGLISH	S AS
1200	1204	15220	.mtwtf.	Antigua	125	300	ENGLISH	C N AM	1300	1350	9740	.mtwtf.	Singapore	125	38	ENGLISH	SE AS
1200	1215	11680	smtwtf.s	Biblis	100	105	BULGARIAN	SE EUR	1300	1350	9740	.mtwtf.	Singapore	125	135	ENGLISH	OC
1200	1215	9410	smtwtf.s	Cyprus	250	325	BULGARIAN	SE EUR	1300	1359	15220	s.....s	Antigua	125	205	ENGLISH	S AM
1200	1215	11840	smtwtf.s	Cyprus	300	7	RUSSIAN	RUSS	1300	1359	15220	.mtwtf.	Antigua	125	205	ENGLISH	S AM
1200	1215	15260	smtwtf.s	Cyprus	250	50	RUSSIAN	RUSS	1300	1359	15220	s.....s	Antigua	125	300	ENGLISH	C N AM
1200	1215	13670	smtwtf.s	Rampisham	500	62	RUSSIAN	RUSS	1300	1359	15220	.mtwtf.	Antigua	125	300	ENGLISH	C N AM
1200	1215	17695	smtwtf.s	Rampisham	500	61	RUSSIAN	RUSS	1300	1400	6195	smtwtf.s	Antigua	250	160	ENGLISH	C N AM
1200	1215	7135	smtwtf.s	Singapore	100	13	BBC ENGLISH	CHN	1300	1400	17830	s.....s	Ascension	250	65	ENGLISH	W C AF
1200	1215	11835	smtwtf.s	Singapore	100	13	BBC ENGLISH	CHN	1300	1400	15575	smtwtf.s	Cyprus	250	117	ENGLISH	ME
1200	1230	21640	smtwtf.s	Ascension	250	85	FRENCH	W C AF	1300	1400	21470	s.....s	Cyprus	300	175	ENGLISH	E AF
1200	1230	15105	smtwtf.s	Rampisham	500	169	FRENCH	N AF	1300	1400	21470	.mtwtf.	Cyprus	300	175	ENGLISH	E AF
1200	1230	17780	smtwtf.s	Woofferton	250	170	FRENCH	N AF	1300	1400	11760	smtwtf.s	Masirah	100	305	ENGLISH	ME
1200	1300	17830	smtwtf.s	Ascension	250	65	ENGLISH	W C AF	1300	1400	17700	smtwtf.s	Masirah	100	45	ENGLISH	S AS
1200	1300	15575	smtwtf.s	Cyprus	250	117	ENGLISH	ME	1300	1400	17700	smtwtf.s	Masirah	100	92	ENGLISH	S AS
1200	1300	11760	smtwtf.s	Masirah	100	305	ENGLISH	ME	1300	1400	6190	s.....s	Meyerton	100	0	ENGLISH	S AF
1200	1300	17700	smtwtf.s	Masirah	100	45	ENGLISH	S AS	1300	1400	6190	.mtwtf.	Meyerton	100	0	ENGLISH	S AF
1200	1300	17700	smtwtf.s	Masirah	100	92	ENGLISH	S AS	1300	1400	11940	s.....s	Meyerton	100	15	ENGLISH	S AF
1200	1300	6190	smtwtf.s	Meyerton	100	0	ENGLISH	S AF	1300	1400	11940	.mtwtf.	Meyerton	100	15	ENGLISH	S AF
1200	1300	11940	smtwtf.s	Meyerton	100	15	ENGLISH	S AF	1300	1400	15310	smtwtf.s	Nakhon Sawan	250	290	ENGLISH	S AS
1200	1300	15310	smtwtf.s	Nakhon Sawan	250	290	ENGLISH	S AS	1300	1400	11865	smtwtf.s	Okeechobee	100	315	ENGLISH	N AM
1200	1300	15565	smtwtf.s	Rampisham	500	62	ENGLISH	N EUR	1300	1400	9515	smtwtf.s	Sackville	250	268	ENGLISH	N AM
1200	1300	9515	smtwtf.s	Sackville	250	268	ENGLISH	N AM	1300	1400	15420	s.....s	Seychelles	250	280	ENGLISH	E AF
1200	1300	17885	smtwtf.s	Seychelles	250	270	ENGLISH	E AF	1300	1400	15420	.mtwtf.	Seychelles	250	280	ENGLISH	E AF
1200	1300	21470	smtwtf.s	Seychelles	250	240	ENGLISH	E AF	1300	1400	17885	s.....s	Seychelles	250	270	ENGLISH	E AF
1200	1300	15485	smtwtf.s	Skelton	300	180	ENGLISH	W EUR	1300	1400	17885	.mtwtf.	Seychelles	250	270	ENGLISH	E AF
1200	1300	17640	smtwtf.s	Skelton	300	140	ENGLISH	EUR	1300	1400	15485	s.....s	Skelton	300	180	ENGLISH	W AF
1200	1300	12095	smtwtf.s	Woofferton	250	140	ENGLISH	EUR	1300	1400	17640	s.....s	Skelton	300	140	ENGLISH	EUR
1200	1300	17640	smtwtf.s	Woofferton	300	70	ENGLISH	EUR	1300	1400	17640	.mtwtf.	Skelton	300	140	ENGLISH	EUR
1200	1630	11820	smtwtf.s	Cyprus	250	102	ARABIC	ME	1300	1400	17640	s.....s	Woofferton	300	70	ENGLISH	EUR ME
1200	1630	15555	smtwtf.s	Cyprus	300	150	ARABIC	ME	1300	1400	17640	.mtwtf.	Woofferton	300	70	ENGLISH	EUR ME
1200	1630	15180	smtwtf.s	Rampisham	500	168	ARABIC	N AF	1300	1430	9740	s.....s	Singapore	125	38	ENGLISH	SE AS
1200	1630	17585	smtwtf.s	Skelton	300	180	ARABIC	N AF	1300	1430	9740	s.....s	Singapore	125	135	ENGLISH	OC
1200	2115	7140	smtwtf.s	Cyprus	300	170	ARABIC	ME	1300	1500	17830	.mtwtf.	Ascension	250	65	ENGLISH	W C AF
1200	2115	13660	smtwtf.s	Skelton	300	180	ARABIC	N AF	1300	1500	15565	.mtwtf.	Rampisham	500	62	ENGLISH	N EUR
1204	1216	6195	.mtwtf.	Antigua	250	160	ENGLISH	CARIB	1300	1500	15565	s.....s	Rampisham	500	62	ENGLISH	RUSS
1204	1216	15220	.mtwtf.	Antigua	125	205	ENGLISH	CARIB	1300	1500	6195	s.....s	Singapore	125	0	ENGLISH	SE AS
1204	1216	15220	.mtwtf.	Antigua	125	300	ENGLISH	CARIB	1300	1500	6195	s.....s	Singapore	125	90	ENGLISH	S AS
1215	1230	11680	s.....s	Biblis	100	105	BULGARIAN	SE EUR	1300	1500	15485	.mtwtf.	Skelton	300	180	ENGLISH	W AF
1215	1230	9410	s.....s	Cyprus	250	325	BULGARIAN	SE EUR	1300	1500	12095	.mtwtf.	Woofferton	250	140	ENGLISH	EUR
1215	1230	11840	.mtwtf.	Cyprus	300	7	RUSSIAN	RUSS	1300	1500	12095	s.....s	Woofferton	250	140	ENGLISH	EUR
1215	1230	15260	.mtwtf.	Cyprus	250	50	RUSSIAN	RUSS	1300	1530	11870	smtwtf.s	Chita	500	200	MANDARIN	CHN
1215	1230	13670	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS	1300	1530	6065	smtwtf.s	Kimjae	250	290	MANDARIN	CHN
1215	1230	17695	.mtwtf.	Rampisham	500	61	RUSSIAN	RUSS	1300	1530	7245	smtwtf.s	Nakhon Sawan	250	25	MANDARIN	CHN
1215	1300	9635	s.....s	Biblis	100	105	HUNGARIAN	C EUR	1300	1530	15285	smtwtf.s	Singapore	100	13	MANDARIN	FE
1215	1300	11895	s.....s	Cyprus	250	328	HUNGARIAN	C EUR	1315	1330	11680	smtwtf.s	Biblis	100	126	ALBANIAN	SE EUR
1215	1300	15325	s.....s	Rampisham	500	95	HUNGARIAN	C EUR	1315	1330	15115	smtwtf.s	Cyprus	250	295	ALBANIAN	SE EUR
1216	1300	6195	smtwtf.s	Antigua	250	160	ENGLISH	C N AM	1330	1345	15105	smtwtf.s	Ascension	250	55	BBC ENGLISH	W AF
1216	1300	15220	smtwtf.s	Antigua	125	205	ENGLISH	S AM	1330	1345	21640	smtwtf.s	Rampisham	500	169	BBC ENGLISH	W AF
1216	1300	15220	smtwtf.s	Antigua	125	300	EN										

1359	1600	17840	.mtwtf.	Antigua	125	205	ENGLISH	S	AM	1500	1600	6195	s.....	Singapore	125	0	ENGLISH	SE	AS
1359	1600	17840	.mtwtf.	Antigua	125	300	ENGLISH	C	N AM	1500	1600	6195	.mtwtf.	Singapore	125	90	ENGLISH	S	AS
1400	1415	7105	.mtwtf.	Biblis	100	126	CROATIAN	SE	EUR	1500	1600	6195	.....s	Singapore	125	90	ENGLISH	S	AS
1400	1415	11980	.mtwtf.	Rampisham	500	105	CROATIAN	SE	EUR	1500	1600	6195	s.....	Singapore	125	90	ENGLISH	S	AS
1400	1430	21490	....tf.	Cyprus	250	160	SOMALI	E	AF	1500	1600	9740	.mtwtf.	Singapore	125	38	ENGLISH	SE	AS
1400	1430	11845	smtwtf.	Lampertheim	100	75	UKRAINIAN	UKR		1500	1600	9740	.....s	Singapore	125	38	ENGLISH	SE	AS
1400	1430	6190	smtwtf.	Meyerton	100	0	ENGLISH	S	AF	1500	1600	9740	s.....	Singapore	125	38	ENGLISH	SE	AS
1400	1430	11940	smtwtf.	Meyerton	100	15	ENGLISH	S	AF	1500	1600	9740	.mtwtf.	Singapore	125	135	ENGLISH	OC	
1400	1430	15245	.mtwtf.	Rampisham	500	62	KAZAKH	C	AS	1500	1600	9740	.....s	Singapore	125	135	ENGLISH	OC	
1400	1430	15595	smtwtf.	Rampisham	500	85	UKRAINIAN	UKR		1500	1600	9740	s.....	Singapore	125	135	ENGLISH	OC	
1400	1430	17860	.mtwtf.	Rampisham	500	80	KAZAKH	C	AS	1500	1600	15485	s.....	Skelton	300	180	ENGLISH	W	AF
1400	1430	11860	....tf.	Seychelles	250	295	SOMALI	E	AF	1500	1600	15485	.....s	Skelton	300	180	ENGLISH	W	EUR
1400	1430	15420	....tf.	Seychelles	250	295	SOMALI	E	AF	1500	1600	12095	s.....	Woofferton	250	140	ENGLISH	EUR	ME
1400	1430	13680	smtwtf.	Skelton	300	95	UKRAINIAN	UKR		1500	1700	15400	.mtwtf.	Ascension	250	27	ENGLISH	W	AF
1400	1500	17830	s.....s	Ascension	250	65	ENGLISH	S	C AF	1500	1700	17830	.mtwtf.	Ascension	250	65	ENGLISH	W	C AF
1400	1500	21660	s.....s	Ascension	250	114	ENGLISH	S	AF	1500	1700	21660	.mtwtf.	Ascension	250	114	ENGLISH	S	AF
1400	1500	21660	.mtwtf.	Ascension	250	114	ENGLISH	S	AF	1500	1700	21470	.mtwtf.	Cyprus	300	175	ENGLISH	E	AF
1400	1500	12005	.mtwtf.	Cyprus	250	37	RUSSIAN	RUSS		1500	1700	6190	.mtwtf.	Meyerton	100	0	ENGLISH	S	AF
1400	1500	15145	.mtwtf.	Cyprus	250	50	RUSSIAN	RUSS		1500	1700	11940	.mtwtf.	Meyerton	100	15	ENGLISH	S	AF
1400	1500	15520	smtwtf.	Cyprus	300	107	HINDI	S	AS	1500	1700	15485	.mtwtf.	Skelton	300	180	ENGLISH	W	AF
1400	1500	15575	smtwtf.	Cyprus	250	117	ENGLISH	ME		1500	1800	11845	smtwtf.	Cyprus	250	359	RUSSIAN	RUSS	
1400	1500	21470	smtwtf.	Cyprus	300	175	ENGLISH	E	AF	1500	1800	17630	smtwtf.	Rampisham	500	47	RUSSIAN	RUSS	
1400	1500	6140	smtwtf.	Masirah	100	106	HINDI	S	AS	1500	1900	9635	smtwtf.	Cyprus	250	359	RUSSIAN	RUSS	
1400	1500	11920	smtwtf.	Masirah	100	45	HINDI	S	AS	1500	1900	13745	smtwtf.	Rampisham	500	62	RUSSIAN	RUSS	
1400	1500	15310	s.....s	Masirah	100	70	ENGLISH	S	AS	1500	1900	15225	smtwtf.	Woofferton	300	70	RUSSIAN	RUSS	
1400	1500	15310	.mtwtf.	Masirah	100	70	ENGLISH	S	AS	1515	1545	6140	smtwtf.	Masirah	100	106	SINHALA	S	AS
1400	1500	17700	s.....s	Masirah	100	92	ENGLISH	S	AS	1515	1545	9510	smtwtf.	Singapore	250	270	SINHALA	S	AS
1400	1500	17700	.mtwtf.	Masirah	100	92	ENGLISH	S	AS	1530	1545	11685	smtwtf.	Singapore	250	320	BBC ENGLISH	S	AS
1400	1500	7205	smtwtf.	Nakhon Sawan	250	305	HINDI	S	AS	1530	1545	15540	smtwtf.	Singapore	100	315	BBC ENGLISH	S	AS
1400	1500	13745	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS		1530	1615	21490	smtwtf.	Meyerton	500	7	SWAHILI	E	AF
1400	1500	15485	s.....s	Skelton	300	180	ENGLISH	W	EUR	1530	1615	15470	smtwtf.	Nakhon Sawan	250	305	PASHTO	SW	AS
1400	1500	17640	smtwtf.	Skelton	300	140	ENGLISH	W	EUR	1530	1615	6195	smtwtf.	Rampisham	500	140	PASHTO	W	AS
1400	1500	9860	smtwtf.	Tashkent	200	131	HINDI	S	AS	1530	1615	17870	smtwtf.	Rampisham	500	95	PASHTO	W	AS
1400	1500	15225	.mtwtf.	Woofferton	300	70	RUSSIAN	RUSS		1530	1615	11860	smtwtf.	Seychelles	250	270	SWAHILI	E	AF
1400	1500	17640	smtwtf.	Woofferton	300	70	ENGLISH	EUR		1530	1615	15420	smtwtf.	Seychelles	250	280	SWAHILI	E	AF
1400	1600	17840	s.....s	Antigua	125	205	ENGLISH	S	AM	1545	1600	15310	.....s	Masirah	100	70	ENGLISH	S	AS
1400	1600	17840	s.....s	Antigua	125	300	ENGLISH	C	N AM	1545	1600	15310	smtwtf.	Masirah	100	70	ENGLISH	S	AS
1400	1600	11865	.mtwtf.	Okeechobee	100	315	ENGLISH	N	AM	1545	1600	17700	.....s	Masirah	100	92	ENGLISH	S	AS
1400	1600	11865	s.....s	Okeechobee	100	315	ENGLISH	N	AM	1545	1600	17700	smtwtf.	Masirah	100	92	ENGLISH	S	AS
1400	1600	9515	.mtwtf.	Sackville	250	268	ENGLISH	N	AM	1545	1600	5975	.....s	Nakhon Sawan	250	290	ENGLISH	S	AS
1400	1600	9515	s.....s	Sackville	250	268	ENGLISH	N	AM	1545	1600	5975	smtwtf.	Nakhon Sawan	250	290	ENGLISH	S	AS
1400	1600	15220	.mtwtf.	Sackville	250	285	ENGLISH	N	AM	1545	1600	15575	smtwtf.	Rampisham	500	62	ENGLISH	N	EUR
1400	1600	15220	s.....s	Sackville	250	285	ENGLISH	N	AM	1545	1600	15575	.....s	Rampisham	500	62	ENGLISH	RUSS	
1415	1430	21490	.mtw...	Cyprus	250	160	BBC ENGLISH	E	AF	1545	1600	12095	.mtwtf.	Woofferton	250	140	ENGLISH	EUR	
1415	1430	11860	.mtw...	Seychelles	250	295	BBC ENGLISH	E	AF	1545	1600	12095	.....s	Woofferton	250	140	ENGLISH	EUR	
1415	1430	15420	.mtw...	Seychelles	250	295	BBC ENGLISH	E	AF	1545	1615	6140	smtwtf.	Masirah	100	106	TAMIL	S	AS
1430	1445	6190	.mtwtf.	Meyerton	100	0	ENGLISH	S	AF	1545	1615	7205	smtwtf.	Nakhon Sawan	250	255	TAMIL	S	AS
1430	1445	6190	s.....s	Meyerton	100	0	ENGLISH	S	AF	1545	1615	9510	smtwtf.	Singapore	250	270	TAMIL	S	AS
1430	1445	11940	.mtwtf.	Meyerton	100	15	ENGLISH	S	AF	1600	1615	9515	smtwtf.	Sackville	250	268	ENGLISH	N	AM
1430	1445	11940	s.....s	Meyerton	100	15	ENGLISH	S	AF	1600	1630	11680	smtwtf.	Biblis	100	105	BULGARIAN	SE	EUR
1430	1500	21490	smtwtf.	Cyprus	250	160	SOMALI	E	AF	1600	1630	5875	smtwtf.	Cyprus	250	328	BULGARIAN	SE	EUR
1430	1500	5990	smtwtf.	Nakhon Sawan	250	45	ENGLISH	FE		1600	1630	6050	smtwtf.	Cyprus	250	315	SERBIAN	SE	EUR
1430	1500	11860	smtwtf.	Seychelles	250	295	SOMALI	E	AF	1600	1630	9535	smtwtf.	Cyprus	250	7	UKRAINIAN	UKR	
1430	1500	15420	smtwtf.	Seychelles	250	295	SOMALI	E	AF	1600	1630	11985	smtwtf.	Cyprus	300	7	UKRAINIAN	UKR	
1430	1500	6195	.mtwtf.	Singapore	125	0	ENGLISH	SE	AS	1600	1630	13650	smtwtf.	Rampisham	500	85	UKRAINIAN	UKR	
1430	1500	6195	.mtwtf.	Singapore	125	90	ENGLISH	S	AS	1600	1630	9915	smtwtf.	Woofferton	250	114	SERBIAN	SE	EUR
1430	1500	7135	smtwtf.	Singapore	100	13	VIETNAMESE	SE	AS	1600	1700	17840	smtwtf.	Antigua	125	205	ENGLISH	S	AM
1430	1500	9510	smtwtf.	Singapore	250	13	VIETNAMESE	SE	AS	1600	1700	17840	smtwtf.	Antigua	125	300	ENGLISH	C	N AM
1430	1500	9740	smtwtf.	Singapore	125	38	ENGLISH	SE	AS	1600	1700	15400	s.....s	Ascension	250	27	ENGLISH	W	AF
1430	1500	9740	smtwtf.	Singapore	125	135	ENGLISH	OC		1600	1700	17830	s.....s	Ascension	250	65	ENGLISH	W	C AF
1430	1500	11740	smtwtf.	Singapore	250	13	VIETNAMESE	SE	AS	1600	1700	21660	s.....s	Ascension	250	114	ENGLISH	S	AF
1430	1530	15470	smtwtf.	Cyprus	250	77	PERSIAN	ME		1600	1700	21470	s.....s	Cyprus	300	175	ENGLISH	E	AF
1430	1530	6195	smtwtf.	Rampisham	500	140	PERSIAN	ME		1600	1700	15310	s.....s	Masirah	100	70	ENGLISH	S	AS
1430	1530	17860	smtwtf.	Rampisham	500	95	PERSIAN	ME		1600	1700	15310	.mtwtf.	Masirah	100	70	ENGLISH	S	AS
1430	1600	6190	.....s	Meyerton	100	0	ENGLISH	S	AF	1600	1700	17700	s.....s	Masirah	100	92	ENGLISH	S	AS
1445	1500	6190	smtwtf.	Meyerton	100	0	ENGLISH	S	AF	1600	1700	17700	.mtwtf.	Masirah	100	92	ENGLISH	S	AS
1445	1500	11940	smtwtf.	Meyerton	100	15	ENGLISH	S	AF	1600	1700	6190	s.....s	Meyerton	100	0	ENGLISH	S	AF
1500	1530	9840	smtwtf.	Cyprus	250	335	ROMANIAN	SE	EUR	1600	1700	11940	s.....s	Meyerton	100	15	ENGLISH	S	AF
1500	1530	21490	s.....s	Meyerton	500	7	ENGLISH	S	AF	1600	1700	15575	smtwtf.	Rampisham	500	62	ENGLISH	RUSS	
1500	1530	21490	.mtwtf.	Meyerton	500	7	ENGLISH	S	AF	1600	1700	6195	smtwtf.	Singapore	125	0	ENGLISH	SE	AS
1500	1530	11860	s.....s	Seychelles	250	270	ENGLISH	E	AF	1600	1700	6195	smtwtf.	Singapore	125	90	ENGLISH	S	AS
1500	1530	11860	.mtwtf.	Seychelles	250	270	ENGLISH	E	AF	1600	1700	15485	s.....s	Skelton	300	180	ENGLISH	W	EUR
1500	1530	15420	s.....s	Seychelles	250	280	ENGLISH	E	AF	1600	1700	12095	smtwtf.	Woofferton	250	140	ENGLISH	EUR	
1500	1530	15420	.mtwtf.	Seychelles	250	280	ENGLISH	E	AF	1600	1745	5975	s.....s	Nakhon Sawan	250	290	ENGLISH	S	AS
1500	1530	11685	smtwtf.	Singapore	250	320	NEPALI	S	AS	1600	1745	5975	.mtwtf.	Nakhon Sawan	250	290	ENGLISH	S	AS
1500	1530	15540	smtwtf.	Singapore	100	315	NEPALI	S	AS	1600	1745	9740	s.....s	Singapore	250	315	ENGLISH	S	AS
1500	1530	9860	smtwtf.	Tashkent	200	131	NEPALI	S	AS	1600	1745	9740	.mtwtf.	Singapore	250	315	ENGLISH	S	AS
1500	1545	15520	smtwtf.	Cyprus	300	107	URDU	SW	AS	1600	1800	3915	smtwtf.	Singapore	100				

1700	1730	7235	smtwtfs	Nakhon Sawan	250	305	HINDI	S AS	1900	2000	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF
1700	1730	15575	smtwtfs	Nakhon Sawan	250	300	ENGLISH	ME	1900	2000	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF
1700	1730	15575	.....s	Nakhon Sawan	250	300	ENGLISH	S AS	1900	2000	13745	.mtwtfs	Rampisham	500	62	RUSSIAN	RUSS
1700	1730	11955	smtwtfs	Rampisham	500	115	ALBANIAN	SE EUR	1900	2000	6005	smtwtfs	Seychelles	250	280	ENGLISH	E AF
1700	1730	13650	smtwtfs	Rampisham	500	105	CROATIAN	SE EUR	1900	2000	9630	smtwtfs	Seychelles	250	270	ENGLISH	E AF
1700	1730	15310	smtwtfs	Rampisham	500	85	UZBEK	C AS	1900	2000	6010	.....s	Skelton	250	150	SLBC	S,WEUR
1700	1730	7205	smtwtfs	Singapore	250	320	HINDI	S AS	1900	2000	15225	.mtwtfs	Woofferton	300	70	RUSSIAN	RUSS
1700	1730	9605	smtwtfs	Singapore	250	315	HINDI	S AS	1915	2000	6050	s.....s	Cyprus	250	325	BULGARIAN	SE EUR
1700	1730	13720	smtwtfs	Skelton	300	110	HUNGARIAN	C EUR	1915	2000	11730	s.....s	Rampisham	500	105	BULGARIAN	SE EUR
1700	1730	15585	smtwtfs	Skelton	300	125	ALBANIAN	SE EUR	1930	1945	11855	smtwtfs	Ascension	250	55	HAUSA	W AF
1700	1730	11865	smtwtfs	Woofferton	250	114	CROATIAN	SE EUR	1930	1945	15105	smtwtfs	Ascension	250	65	HAUSA	W AF
1700	1745	15400	smtwtfs	Ascension	250	27	ENGLISH	W AF	1930	1945	17885	smtwtfs	Ascension	250	55	HAUSA	W AF
1700	1745	15400	smtwtfs	Ascension	250	102	ENGLISH	S AF	1930	1945	6050	.mtwtf.	Cyprus	250	315	CROATIAN	SE EUR
1700	1745	17830	smtwtfs	Ascension	250	65	ENGLISH	W C AF	1930	1945	12010	.mtwtf.	Rampisham	500	105	CROATIAN	SE EUR
1700	1745	9510	s.....s	Masirah	100	106	ENGLISH	S AS	1930	2000	9410	.mtwtfs	Cyprus	250	328	ENGLISH	EUR
1700	1745	9510	.mtwtf.	Masirah	100	106	ENGLISH	S AS	1930	2000	9410	s.....s	Cyprus	250	328	ENGLISH	EUR
1700	1745	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF	1930	2000	6195	.mtwtfs	Rampisham	500	105	ENGLISH	EUR
1700	1745	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF	1930	2000	6195	s.....s	Rampisham	500	105	ENGLISH	EUR
1700	1745	15420	smtwtfs	Meyerton	250	19	ENGLISH	S AF	1930	2000	6195	.mtwtfs	Rampisham	500	168	ENGLISH	W EUR
1700	1745	17840	smtwtfs	Sackville	250	285	ENGLISH	N AM	1930	2000	6195	s.....s	Rampisham	500	168	ENGLISH	W EUR
1700	1745	6005	smtwtfs	Seychelles	250	280	ENGLISH	E AF	1930	2000	11730	.mtwtf.	Rampisham	500	105	TURKISH	SE EUR
1700	1745	9630	smtwtfs	Seychelles	250	270	ENGLISH	E AF	1930	2000	12095	.mtwtfs	Woofferton	250	78	ENGLISH	EUR
1700	1745	15485	smtwtfs	Skelton	300	180	ENGLISH	W AF	1930	2000	12095	s.....s	Woofferton	250	78	ENGLISH	EUR
1700	1800	12005	smtwtfs	Biblis	100	88	AZERI	CAU	2000	2015	9840	smtwtfs	Cyprus	250	315	SERBIAN	SE EUR
1700	1800	5875	smtwtfs	Cyprus	300	77	AZERI	C AS	2000	2015	6175	smtwtfs	Rampisham	500	105	SERBIAN	SE EUR
1700	1800	12095	smtwtfs	Woofferton	250	78	ENGLISH	EUR	2000	2015	7295	smtwtfs	Rampisham	500	105	SERBIAN	SE EUR
1700	1800	15235	smtwtfs	Woofferton	300	74	AZERI	C AS	2000	2030	5875	.mtwtf.	Cyprus	300	359	RUSSIAN	RUSS
1730	1745	6050	.m.w....	Cyprus	250	315	BBC ENGLISH	SE EUR	2000	2030	7325	.mtwtf.	Cyprus	250	7	RUSSIAN	RUSS
1730	1745	3390	smtwtfs	Meyerton	100	76	BBC ENGLISH	AF	2000	2030	9635	.mtwtf.	Cyprus	250	359	RUSSIAN	RUSS
1730	1745	6070	smtwtfs	Meyerton	500	32	BBC ENGLISH	AF	2000	2030	11845	.mtwtf.	Lampertheim	100	75	RUSSIAN	RUSS
1730	1745	9520	smtwtfs	Meyerton	500	335	BBC ENGLISH	AF	2000	2030	6050	smtwtfs	Rampisham	500	115	ALBANIAN	SE EUR
1730	1745	11955	.m.w....	Rampisham	500	115	BBC ENGLISH	SE EUR	2000	2030	12010	smtwtfs	Rampisham	500	115	ALBANIAN	SE EUR
1730	1745	15585	.m.w....	Skelton	300	125	BBC ENGLISH	SE EUR	2000	2030	13745	.mtwtf.	Rampisham	500	62	RUSSIAN	RUSS
1730	1800	9750	s.....s	Cyprus	250	77	ENGLISH (C	C AS	2000	2030	15225	.mtwtf.	Woofferton	300	70	RUSSIAN	RUSS
1730	1800	9750	.mtwtfs	Cyprus	250	77	RUSS CASIA	C AS	2000	2045	15400	smtwtfs	Ascension	250	27	ENGLISH	W AF
1730	1800	6065	smtwtfs	Masirah	100	45	URDU	SW AS	2000	2045	15400	smtwtfs	Ascension	250	102	ENGLISH	S AF
1730	1800	12045	s.....s	Moscow	250	117	ENGLISH (C	C AS	2000	2045	17830	smtwtfs	Ascension	250	65	ENGLISH	W C AF
1730	1800	12045	.mtwtfs	Moscow	250	117	RUSS CASIA	C AS	2000	2045	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF
1730	1800	7235	smtwtfs	Nakhon Sawan	250	305	URDU	S AS	2000	2045	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF
1730	1800	15575	smtwtfs	Nakhon Sawan	250	300	ENGLISH	ME	2000	2045	6005	smtwtfs	Seychelles	250	280	ENGLISH	E AF
1730	1800	15310	s.....s	Rampisham	500	85	ENGLISH (C	C AS	2000	2045	9630	smtwtfs	Seychelles	250	270	ENGLISH	E AF
1730	1800	15310	.mtwtfs	Rampisham	500	85	RUSS CASIA	C AS	2000	2050	11835	smtwtfs	Skelton	300	180	ENGLISH	W EUR
1730	1800	7205	smtwtfs	Singapore	250	320	URDU	S AS	2000	2100	6195	smtwtfs	Cyprus	250	327	ENGLISH	EUR
1730	1800	9605	smtwtfs	Singapore	250	315	URDU	S AS	2000	2100	6195	smtwtfs	Rampisham	500	168	ENGLISH	W EUR
1745	1800	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF	2000	2100	12095	smtwtfs	Woofferton	250	78	ENGLISH	EUR
1745	1800	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF	2000	2145	9410	smtwtfs	Cyprus	250	295	ENGLISH	W EUR
1745	1800	7230	smtwtfs	Meyerton	500	32	SWAHILI	E AF	2000	2200	5975	smtwtfs	Singapore	250	140	ENGLISH	OC
1745	1800	15420	smtwtfs	Meyerton	250	19	ENGLISH	S AF	2030	2100	11855	smtwtfs	Ascension	250	27	PORTUGUESE	W AF
1745	1800	17840	.mtwtf.	Sackville	250	285	ENGLISH	N AM	2030	2100	5875	smtwtfs	Cyprus	300	328	BBC ENGLISH	W EUR
1745	1800	17840	s.....s	Sackville	250	285	ENGLISH	N AM	2030	2100	9635	smtwtfs	Cyprus	250	329	BBC ENGLISH	W EUR
1745	1800	6005	smtwtfs	Seychelles	250	270	SWAHILI	E AF	2030	2100	3390	smtwtfs	Meyerton	100	76	PORTUGUESE	S AF
1745	1800	9630	smtwtfs	Seychelles	250	270	SWAHILI	E AF	2030	2100	6135	smtwtfs	Meyerton	250	32	PORTUGUESE	S AF
1745	1800	9740	smtwtfs	Singapore	250	315	ENGLISH	S AS	2030	2100	7205	smtwtfs	Meyerton	250	328	PORTUGUESE	S AF
1745	1800	15485	smtwtfs	Skelton	300	180	ENGLISH	W EUR	2030	2100	6050	smtwtfs	Rampisham	500	105	BBC ENGLISH	W EUR
1745	1830	9510	smtwtfs	Masirah	100	106	ENGLISH	S AS	2030	2100	13700	smtwtfs	Rampisham	500	189	PORTUGUESE	W AF
1745	1830	5975	smtwtfs	Nakhon Sawan	250	290	ENGLISH	S AS	2030	2100	15105	smtwtfs	Woofferton	250	170	PORTUGUESE	W AF
1745	1900	15400	smtwtfs	Ascension	250	27	ENGLISH	W AF	2050	2100	15400	smtwtfs	Ascension	250	102	ENGLISH	S AF
1745	1900	15400	smtwtfs	Ascension	250	102	ENGLISH	S AF	2050	2100	17830	smtwtfs	Ascension	250	65	ENGLISH	W C AF
1745	1900	17830	smtwtfs	Ascension	250	65	ENGLISH	W C AF	2050	2100	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF
1800	1815	6065	smtwtfs	Masirah	100	45	BBC ENGLISH	S AS	2050	2100	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF
1800	1815	9605	smtwtfs	Singapore	250	315	BBC ENGLISH	S AS	2050	2100	6005	smtwtfs	Seychelles	250	280	ENGLISH	E AF
1800	1830	15105	smtwtfs	Ascension	250	65	FRENCH	W AF	2050	2100	9630	smtwtfs	Seychelles	250	270	ENGLISH	E AF
1800	1830	17885	smtwtfs	Ascension	250	27	FRENCH	W AF	2050	2200	15400	smtwtfs	Ascension	250	27	ENGLISH	W AF
1800	1830	21630	smtwtfs	Ascension	250	70	FRENCH	W AF	2050	2200	11835	smtwtfs	Skelton	300	180	ENGLISH	W AF
1800	1830	6050	smtwtfs	Cyprus	250	335	ROMANIAN	SE EUR	2100	2115	5975	smtwtfs	Antigua	250	160	ENGLISH	C N AM
1800	1830	7230	smtwtfs	Meyerton	250	76	FRENCH	S AF	2100	2115	6130	.mtwtf.	Cyprus	250	328	BULGARIAN	SE EUR
1800	1830	6005	smtwtfs	Seychelles	250	300	SOMALI	E AF	2100	2115	7165	smtwtfs	Cyprus	300	329	SERBIAN	SE EUR
1800	1830	9630	smtwtfs	Seychelles	250	295	SOMALI	E AF	2100	2115	6050	smtwtfs	Rampisham	500	105	SERBIAN	SE EUR
1800	1830	15180	smtwtfs	Woofferton	250	170	FRENCH	N AF	2100	2115	7255	.mtwtf.	Rampisham	500	105	BULGARIAN	SE EUR
1800	1830	15445	smtwtfs	Woofferton	300	128	SOMALI	E AF	2100	2115	9660	smtwtfs	Rampisham	500	105	SERBIAN	SE EUR
1800	1900	5875	smtwtfs	Cyprus	300	359	RUSSIAN	RUSS	2100	2130	5875	smtwtfs	Cyprus	300	328	HUNGARIAN	C EUR
1800	1900	11845	smtwtfs	Cyprus	250	7	RUSSIAN	RUSS	2100	2130	9635	smtwtfs	Cyprus	250	329	HUNGARIAN	C EUR
1800	1900	3255	.mtwtf.	Meyerton	100	0	ENGLISH	S AF	2100	2145	6195	.mtwtf.	Cyprus	250	327	ENGLISH	EUR
1800	1900	3255	s.....s	Meyerton	100	0	ENGLISH	S AF	2100	2145	6195	.mtwtf.	Rampisham	500	168	ENGLISH	W EUR
1800	1900	6190	.mtwtf.	Meyerton	100	15	ENGLISH	S AF	2100	2200	6195	s.....s	Cyprus	250	327	ENGLISH	EUR
1800	1900	6190	s.....s	Meyerton	100	15	ENGLISH	S AF	2100	2200	3255	smtwtfs	Meyerton	100	0	ENGLISH	S AF
1800	1900	15420	.mtwtf.	Meyerton	250	19	ENGLISH	S AF	2100	2200	6190	smtwtfs	Meyerton	100	15	ENGLISH	S AF
1800	1900	15420	s.....s	Meyerton	250	19	ENGLISH	S AF	2100	2200	6195	s.....s	Rampisham	500	168	ENGLISH	W EUR
1800	1930	9410	.mtwtf.	Cyprus	250	328	ENGLISH	EUR	2100	2200	6005	smtwtfs	Seychelles	250	255	ENGLISH	E AF
1800	1930	9410	s.....s	Cyprus	250	328	ENGLISH	EUR	2100	2200	3915	smtwtfs	Singapore	100	340	ENGLISH	S AS
1800	1930	12095	.mtwtf.	Woofferton	250	78	ENGLISH	EUR	2100	2200	11945	smtwtfs	Yamata	300	290	ENGLISH	FE
1800	1930	12095	s.....s	Woofferton	250	78	ENGLISH	EUR	2100	2230	12095	smtwtfs	Ascension	250	245	ENGLISH	S AM
1800	2000	15575	smtwtfs	Nakhon Sawan	250	3											

2200	2300	5875	smtwtfs	Rampisham	500	76	INDONESIAN	SE AS	2230	2300	11835	.....s	Skelton	300	180	ENGLISH	W EUR
2200	2300	6195	smtwtfs	Rampisham	500	168	ENGLISH	W EUR	2230	2300	11835	smtwtf.	Skelton	300	180	ENGLISH	W AF
2200	2300	9915	smtwtfs	Rampisham	500	47	MANDARIN	CHN	2300	0030	15280	smtwtfs	Nakhon Sawan	250	50	ENGLISH	FE
2200	2300	3915	smtwtfs	Singapore	100	160	INDONESIAN	SE AS	2300	0030	3915	smtwtfs	Singapore	100	160	ENGLISH	SE AS
2200	2300	6080	smtwtfs	Singapore	250	140	INDONESIAN	SE AS	2300	0030	11945	smtwtfs	Yamata	300	290	ENGLISH	FE
2200	2300	9740	smtwtfs	Singapore	250	90	INDONESIAN	SE AS	2300	2330	5975	.mtwtfs	Antigua	250	160	ENGLISH	C N AM
2200	2300	11945	smtwtfs	Yamata	300	290	MANDARIN	CHN	2300	2330	5975	s.....	Antigua	250	160	ENGLISH	C N AM
2200	2400	11955	smtwtfs	Singapore	125	38	ENGLISH	SE AS	2300	2330	12095	.mtwtfs	Ascension	250	245	ENGLISH	S AM
2200	2400	11955	smtwtfs	Singapore	125	135	ENGLISH	OC	2300	2330	12095	s.....	Ascension	250	245	ENGLISH	S AM
2215	2245	6180	s.....fs	Cyprus	250	314	CYPRUS	EUR	2300	2330	6175	.mtwtfs	Sackville	250	268	ENGLISH	N AM
2215	2245	7205	s.....fs	Cyprus	250	314	CYPRUS	EUR	2300	2330	6175	s.....	Sackville	250	268	ENGLISH	N AM
2215	2245	9760	s.....fs	Cyprus	250	315	CYPRUS	EUR	2300	2330	9590	.mtwtfs	Sackville	250	268	ENGLISH	N AM
2230	2300	5975	s.....	Antigua	250	160	ENGLISH	C N AM	2300	2330	9590	s.....	Sackville	250	268	ENGLISH	N AM
2230	2300	5975	.mtwtfs	Antigua	250	160	ENGLISH	C N AM	2300	2330	6080	smtwtfs	Singapore	250	13	VIETNAMESE	SE AS
2230	2300	11765	smtwtfs	Antigua	250	160	BRAZILIAN	S AM	2300	2330	7160	smtwtfs	Singapore	100	13	VIETNAMESE	SE AS
2230	2300	9575	smtwtfs	Ascension	250	265	BRAZILIAN	S AM	2300	2330	9740	smtwtfs	Singapore	250	13	VIETNAMESE	SE AS
2230	2300	12095	s.....	Ascension	250	245	ENGLISH	S AM	2300	2400	6035	smtwtfs	Kimjae	250	270	ENGLISH	FE
2230	2300	12095	.mtwtfs	Ascension	250	245	ENGLISH	S AM	2330	2400	5975	smtwtfs	Antigua	250	160	ENGLISH	C N AM
2230	2300	15390	smtwtfs	Ascension	250	245	BRAZILIAN	S AM	2330	2400	12095	smtwtfs	Ascension	250	245	ENGLISH	S AM
2230	2300	6175	s.....	Sackville	250	268	ENGLISH	N AM	2330	2400	6175	smtwtfs	Sackville	250	268	ENGLISH	N AM
2230	2300	6175	.mtwtfs	Sackville	250	268	ENGLISH	N AM	2330	2400	9590	smtwtfs	Sackville	250	268	ENGLISH	N AM
2230	2300	9590	s.....	Sackville	250	268	ENGLISH	N AM	2330	2400	6080	smtwtfs	Singapore	250	330	THAI	SE AS
2230	2300	9590	.mtwtfs	Sackville	250	268	ENGLISH	N AM	2330	2400	7160	smtwtfs	Singapore	100	340	THAI	SE AS

(via WB, 14 Mar 2000)

Merlin Communications in the U.K. has announced two new deals to transmit programs by shortwave. Merlin owns the former BBC World Service shortwave transmitters in the U.K. and Ascension Island, and it sells time on shortwave transmitters owned by Sentech in South Africa and the Central Broadcasting System in Taiwan. Merlin will add 24 hours a week of programming for Ginger Media Group. This is in addition to the 24 hours of Ginger's "Global Sound Kitchen," sponsored by Levi's jeans, already transmitted by Merlin. The new program, starting April 15th, will be 'Rock n Roll Football with Terry Venables and Chris Evans.' No times or frequencies announced yet. Ginger, which owns Virgin Radio, said the Merlin transmitters will allow it to target English speakers outside the U.K. And Merlin is arranging the shortwave transmissions of African Beacon, the first major Christian radio service broadcasting programs of African-American ministries to Africa. The transmissions will be via Meyerton in South Africa and Rampisham in the U.K. Here is the schedule, starting April 1: to southern Africa via Meyerton at 0430 to 0630 on 6115 and 1600 to 1800 on 6145. And to north, central, and southern Africa, via Rampisham, 1800 to 2000, on 9675. (Comm. via JKB, 25 March 2000)

Merlin has also announced a two-year renewal of its agreement to transmit NHK World/Radio Japan transmission on shortwave transmitters in the U.K. Ascension Island, and Singapore. (Comm. via JKB, 8 April 2000)

USA: WYFR broadcast schedule 26 Mar 2000 - 29 Oct 2000.

FREQ (KHZ)	AZ	TIME (UTC)	LANG	ZONE	PWR					
5850	315	1100-1245	ENGL	2	100	11580	44	0400-0500	GERM	27,28,39 100
5950	355	1000-1245	ENGL	4,5,9	100	11580	44	0500-0600	ENGL	27,28,39 100
5985	315	0500-0700	ENGL	2	100	11580	44	0600-0700	GERM	27,28,39 100
5985	181	2200-0500	SPAN	11	50	11725	222	0700-0800	ITAL	27,28,39 100
6015	315	1100-1245	MAND	13	100	11725	222	1100-1400	SPAN	12 100
6065	355	0100-0445	ENGL	4,5,9	100	11740	315	2200-2345	ENGL	2 100
6085	355	0000-0100	ENGL	4,5,9	100	11770	142	0800-1000	PORT	13 100
6085	181	1000-1400	SPAN	11	100	11830	315	1300-1700	ENGL	2 100
6085	355	2300-0000	FREN	4,5,9	100	11855	160	0800-1100	SPAN	16 100
6175	160	0900-1000	PORT	15	100	11855	222	2200-0600	SPAN	11 100
6175	160	1000-1045	SPAN	15	100	11970	151	1000-1100	FREN	15 100
7355	44	0304-0500	RUSS	27,28,39	100	11970	151	1100-1300	SPAN	15 100
7355	44	0500-0600	GERM	27,28,39	100	11970	151	1300-1500	ENGL	4,5,9 100
7355	44	0600-0745	ENGL	27,28,39	100	13695	87	0500-0600	ARAB	37,46 100
7520	44	0600-0745	FREN	27,28,39	100	13695	87	0600-0700	FREN	37,46 100
9355	44	0300-0400	RUSS	27,28,39	100	13695	87	0700-0800	ENGL	37,46 100
9355	44	0400-0600	GERM	27,28,39	100	13695	355	1200-1300	FREN	4,5,9 100
9370	160	1100-1200	SPAN	15	100	13695	355	1300-1400	MAND	4,5,9 100
9505	315	0000-0445	ENGL	2	100	15120	87	2100-2245	ENGL	47,52,57 100
9505	355	1100-1145	FREN	4,5,9	100	15130	142	0000-0045	PORT	15 100
9550	160	0800-1100	SPAN	14	100	15130	285	1200-1500	SPAN	10 50
9605	142	0804-1000	PORT	15	100	15130	142	2200-2300	PORT	13 100
9605	222	1100-1145	SPAN	11	100	15145	222	1200-1400	SPAN	11 100
9625	140	0900-1000	PORT	13	100	15170	87	0400-0500	PORT	47,52,57 100
9625	140	1000-1045	FREN	13	100	15170	87	0500-0600	ARAB	47,52,57 100
9705	285	0445-0600	SPAN	10	50	15170	87	0600-0700	FREN	47,52,57 100
9715	285	0000-0445	SPAN	10	50	15170	87	0700-0800	ENGL	47,52,57 100
9985	44	0304-0400	GERM	27,28,39	100	15215	160	2304-0200	SPAN	16 100
9985	44	0400-0600	ENGL	27,28,39	100	15255	151	0100-0300	SPAN	15 100
9985	44	0600-0700	ITAL	27,28,39	100	15255	151	2304-0100	FREN	15 100
9985	44	0700-0745	FREN	27,28,39	100	15600	315	1604-1700	ENGL	13 100
						15695	44	2000-2100	FREN	27,28 100

15695	44	2100-2200	ITAL	27,28	100	17845	160	2304-0100	SPAN	14	100
15695	142	2200-2245	SPAN	13	100	18930	44	1700-1800	RUSS	27,28	100
15715	44	1800-1900	ITAL	27,28	100	18930	44	1800-1845	FREN	27,28	100
15715	44	1900-2000	GERM	27,28	100	21455	44	1600-1800	ENGL	27,28	100
15715	44	2100-2200	ITAL	27,28	100	21455	44	1800-1900	FREN	27,28	100
15715	44	2200-2245	SPAN	27,28	100	21455	44	1900-1945	GERM	27,28	100
17555	44	1600-2145	ENGL	27,28,39	100	21525	87	1600-1700	ENGL	47,52,57	100
17725	140	2300-0145	PORT	13	100	21525	87	1700-1800	ARAB	47,52,57	100
17750	285	1200-1700	ENGL	10	100	21525	87	1800-1900	FREN	47,52,57	100
17750	44	1700-1800	RUSS	27,28	100	21525	87	1900-2000	PORT	47,52,57	100
17750	44	2000-2045	FREN	27,28	100	21525	87	2000-2045	FREN	47,52,57	100
17750	160	2300-0200	SPAN	15	100	21600	44	1600-1700	ARAB	27,28	100
17805	142	0000-0045	PORT	13	100	21600	44	1700-1745	GERM	27,28	100
17845	87	2000-2245	ENGL	37,46	100						

(WB, 14 Mar 2000)

Super Power **KTBN Shortwave Radio** schedule, valid until October 29, 2000:

7510.0 KTBN SALT LAKE CITY, UT 0100-1500 ENA

15590.0 KTBN SALT LAKE CITY, UT 1500-0100 NA

This station started operations in December 1990. It broadcasts from a single 100 kW transmitter in Salt Lake City, Utah, which was formerly operated by commercial station KUSW. Most KTBN programming is of a Christian evangelical nature and containing programming mirrors the Trinity Broadcasting Network television schedule. TBN Transmission Details:

Location: Salt Lake City, Utah

Coordinates: 40-39-07 North, 112-02-39 West

Transmitter: Harris SW-100B operating at 100 kW

Antenna: Log periodic at 70 degrees azimuth

Effective radiated power: 2,500,000 watts

Postal address for QSL's, IRCs are appreciated to defray costs: Trinity Broadcasting Network, Attention Superpower KTBN Radio QSL Manager Laura Reyes, 2442 Michelle Drive, Tustin, California 92780, United States of America. (KTBN & George Jacobs & Assoc., Inc. websites via JKB, May 00)

Schedule of **Adventist World Radio - AWR** valid summer period A00. Address: 12501 Newbold Columbia Pike, Silver Spring, MD 20904-6600, USA.

AWR program schedule summer 2000:

Language	UTC	KHz	TX						
<u>NW Africa</u>									
Arabic	0700-0800	9610	Forli, Italy	1530-1600	3215	Talata/Volondry, MDG			
	0700-0900	15620	Juelich, Germany	Malag 0300-0330	3215	Talata/Volondry, MDG			
	2100-2300	9745	Juelich, Germany	1600-1630	3215	Talata/Volondry, MDG			
				* Starts 30 April					
<u>N - Europe</u>									
Arabic	1330-1430	9670	Forli, Italy						
En	0930-1000	9610	Forli, Italy						
	1230-1300	9610	Forli, Italy						
French	1300-1330	9670	Forli, Italy						
German	0900-0930	9610	Forli, Italy						
	1200-1230	9610	Forli, Italy						
	1300-1330	7230	Rimavska Sobota, Slovakia						
	1730-1800	7240	Rimavska Sobota, Slovakia						
<u>S + SE Europe</u>									
Bulgar	0300-0400	5840	Juelich, Germany						
	1600-1700	9875	Juelich, Germany						
Italian	0800-0900	7230	Forli, Italy						
	0800-0900	11970	Juelich, Germany						
	1100-1200	7230	Forli, Italy						
Roman	1700-1800	9875	Juelich, Germany						
Armen	1800-1900	17660	Juelich, Germany						
Georg	1800-1900	810	Tibilisi, Georgia						
<u>MIDDLE EAST (West)</u>									
Arabic	0500-0700	15735	Rimavska Sobota, Slovakia						
	1600-1800	13840	Agat, Guam						
	1600-1800	9385	Agat, Guam						
	1800-2000	13855	Rimavska Sobota, Slovakia						
<u>MIDDLE EAST (East)</u>									
Farsi	0330-0400	13855	Rimavska Sobota, Slovakia						
	1630-1700	15735	Rimavska Sobota, Slovakia						
	1700-1730	11965	Agat, Guam						
Tagalog	1700-1730	11560	Agat, Guam						
En	1730-1800	11560	Agat, Guam						
	1730-1800	11965	Agat, Guam						

<u>Japan, Korea, NE Asia</u>			
En	1330-1400	11705	Agat, Guam
	2130-2200	11980	Agat, Guam
	2130-2200	15550	Agat, Guam
	1030-1100	11795	Agat, Guam
Jpn	1300-1330	11705	Agat, Guam
	2100-2130	11980	Agat, Guam
	2100-2130	15550	Agat, Guam
Korean	1200-1300	9515	Agat, Guam
	2000-2100	11980	Agat, Guam
	2000-2100	15550	Agat, Guam
Ru	1000-1030	11795	Agat, Guam
<u>Central China</u>			
En	1000-1100	11560	Agat, Guam
Mand	0200-0400	21770	Agat, Guam Sat/Sun
	1100-1500	15615	Agat, Guam
	1100-1200	11980	Agat, Guam
	2100-2200	11970	Agat, Guam
	2100-2200	11720	Agat, Guam
	2200-2300	11980	Agat, Guam
	2200-0200	17635	Agat, Guam
	1000-1100	15225	Agat, Guam
<u>West China</u>			
Cant	1000-1030	11980	Agat, Guam
	2300-2330	17870	Agat, Guam
Shangh	1030-1100	11980	Agat, Guam Mon-Fri
	2330-0000	17870	Agat, Guam Mon-Fri
Uighur	1030-1100	11980	Agat, Guam Sat/Sun
	2330-0000	17870	Agat, Guam Sat/Sun
Mand	1100-1200	11560	Agat, Guam
	1300-1400	11980	Agat, Guam
	1400-1500	15380	Agat, Guam
<u>SE Asia (NW)</u>			
Burm	1400-1500	11930	Agat, Guam
Chin	0000-0030	21770	Agat, Guam
Karen	0030-0100	21770	Agat, Guam

<u>SE Asia (C)</u>			
En	1230-1300	15330	Agat, Guam
Ins	1100-1130	15330	Agat, Guam
	2200-2230	15225	Agat, Guam
Javan	1130-1200	15330	Agat, Guam
	2230-2300	15225	Agat, Guam
Tagalog	1200-1230	15330	Agat, Guam
Vn	0000-0100	11720	Agat, Guam Sat/Sun
	1200-1300	11920	Agat, Guam
	1600-1700	11930	Agat, Guam
	2200-0000	11775	Agat, Guam
<u>SOUTHERN ASIA (N-India, Pakistan)</u>			
En	0130-0200	11600	Rimavska Sobota, Slovakia
	1430-1500	17525	Rimavska Sobota, Slovakia
	1600-1700	9355	Agat, Guam
	1730-1800	11965	Agat, Guam
Nepali	1500-1530	11930	Agat, Guam
Hindi	0230-0300	13855	Rimavska Sobota, Slovakia
	1530-1600	17525	Rimavska Sobota, Slovakia
Punjabi	0200-0230	11600	Rimavska Sobota, Slovakia
	1500-1530	17525	Rimavska Sobota, Slovakia
	1530-1600	15195	Agat, Guam
Urdu	0300-0330	13855	Rimavska Sobota, Slovakia
	1600-1630	15735	Rimavska Sobota, Slovakia
<u>SOUTHERN ASIA (S-India)</u>			
Bangla	1300-1330	11750	Agat, Guam
En	1430-1500	9355	Agat, Guam
	1330-1400	11750	Agat, Guam
Hindi	1530-1600	11930	Agat, Guam
	0230-0300	13855	Rimavska Sobota, Slovakia
Kannada	1530-1600	15380	Agat, Guam
Malayal	1500-1530	15195	Agat, Guam
Marathi	1530-1600	9355	Agat, Guam
Sinhal	1400-1430	9355	Agat, Guam
Tamil	1500-1530	15380	Agat, Guam
Telugu	1500-1530	9355	Agat, Guam

(AWR webpage via WB, March 28)

U.S. religious international broadcaster **Trans World Radio** formally dedicated its new 100 kilowatt medium wave transmitter on the island of Bonaire in the Netherlands Antilles (in 1993, the station shut down its shortwave transmitters on the island after 28 years of operation). This replaces a less efficient 500-kilowatt transmitter that was expensive for TWR to operate. Among the broadcasts on the 800 kilohertz outlet is a recently inaugurated program in Creole for Haiti. (Comm. via JKB, 26 February 2000)

A00 operational schedule of **WSHB, Cypress Creek SC.** issued by George Jacobs & Assoc., Inc. Cypress Creek is a small community in Hampton County, South Carolina (032.41.02N 081.07.51W). WSHB began construction in December, 1987. It began broadcasting on March 27, 1989. WSHB has a 19000 SF building on 360 acres, and operates three 750-KW generators in peak load shaving with its power supplier. The station employs 9 people. WSHB uses two Brown Boveri 500KW SK 55 C3-2P Shortwave Transmitters with six antennas.

FREQ	UTC	DATES	TARGET	KW	DEG			
5850	0200-0300	0326-1029	A W & C NAM	500	315	11590	1100-1300	0326-1029 A c&sAM 500 167
6095	1000-1300	0326-1029	ENA/CARIB	500	25	11615	0600-0800	0326-1029 A C/W AFR 500 72
6095	1000-1300	0326-1029	ENA/CARIB	500	173	11615	0800-1000	0326-1029 A EU 500 42
7535	0000-0100	0326-1029	A ENA/CARIB	500	25	11660	1100-1300	0326-1029 c&sAM 500 167
7535	0000-0100	0326-1029	A ENA/CARIB	500	173	11840*	1000-1100	0326-1029 No.China 250 323
7535	0100-0200	0326-1029	A cNA	500	315	11930	0300-0400	0507-0903 EUR 500 42
7535	0200-0300	0326-1029	MEXICO	500	245	11930	0400-0600	0507-0903 EUR 500 25
7535	0300-0400	0903-1029	E.EUR/RUS	500	42	13650	0600-0800	0326-1029 C/W AFR 500 72
7535	0400-0600	0903-1029	CIS/eEU	500	25	13770	2200-2300	0326-1029 SoEur 500 57
9430	0000-0100	0326-1029	ENAM	500	25	13770	2300-2400	0326-1029 SEur-WAF 500 72
9430	0000-0100	0326-1029	CARIB.	500	173	15195	0400-0500	0326-1029 AF 500 72
9430	0100-0300	0326-1029	C/WNAM.	500	315	15285	2200-2300	0326-1029 BRAZIL 500 137
9430	1300-1400	0326-1029	C.NO.AMER	500	315	15285	2400-0200	0326-1029 c&sAM 500 167
9455	0900-1000	0326-1029	BRA/SAM	500	137	15665	1800-2000	0326-1029 eEU 500 25
9455	1000-1100	0326-1029	SAM	500	152	15665	2000-2200	0326-1029 W.EUR 500 25
9455	1300-1400	0326-1029	CAM&Mex	500	245	18910	1600-1700	0326-1029 eAF 500 72
9840	0500-0600	0326-1029	S.AFR	500	102	18910	1700-1800	0326-1029 cAF 500 87
9845	0800-0900	0326-1029	OCEANIA	500	245	18910	1800-1900	0326-1029 SAF 500 102
9860	0800-1000	0326-1029	EU	500	42	18910	1900-2000	0326-1029 SAF 500 102
9940*	1300-1400	0326-1029	India	250	224	18910	2000-2200	0326-1029 W/C AFR 500 72
11550*	1200-1300	0326-1029	China	250	300			

* = Relay via Taiwan

(Schedule by webpage of George Jacobs & Assoc. Inc. via JKB, May 00)

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 Comm Communications World, hosted by Dr. Kim Andrew Elliott, VOA.
 JKB Dr. Juergen Kubiak, Berlin - Germany.
 WB Wolfgang W. Bueschel, Stuttgart - Germany.

Abbreviations:

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

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

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South Africa - Broadcasting for the whole nation

Television and radio services have been transformed to become a major force in integrating all sectors of society.

In the six years since the nation's first democratic general elections, the South African Broadcasting Corporation (SABC) has been transformed from a state broadcaster into a public broadcaster, serving a far more diverse audience than previously.

Since the decisions of the Conference eventually form an international treaty binding all governments through the revision of the Radio Regulations, the arcane four-volume set of rules and regulations governing radio services worldwide, the result is intensive backroom lobbying to elicit support for their countries' proposals.

THE KEY ISSUES

Some proposals to WRC-2000 concern the need for additional spectrum to facilitate expansion of existing services and to foster development of brand-new technologies and applications. Other proposals relate to regulatory procedures and the equitable use of spectrum. As some parts of the spectrum become intensively used, the conference is required to ensure that all users can share safely without harmful interference.

At WRC-2000, the agenda items that are likely to attract most attention can be outlined briefly as follows:

Additional spectrum for third generation mobile systems - IMT-2000 systems

With third generation (3G) mobile systems based on ITU's IMT-2000 standard due to come into service very soon in different countries, most delegations are working to find ways to increase spectrum allocations for 3G services in light of the expected rapid growth of large-bandwidth mobile data services.

When spectrum was identified for third generation systems back in 1992, the estimation of required spectrum was based on a model where voice services were considered to be the major source of traffic, and only low data rate services were additionally considered. Usage of mobile services has increased substantially since 1992 and, along with the growing demand for megabit data rates, has overtaken the estimations of that time.

To satisfy a forecast need for additional spectrum beyond that identified in 1992 and over and above the spectrum used for first and second-generation mobile systems, a number of candidate bands have been identified each offering advantages for some and drawbacks for others.

While a global, harmonized additional allocation is generally supported, it has been very difficult to find bands that would draw consensus because of their current use by other services such as analogue and digital TV, digital audio broadcasting, aeronautical radionavigation service, meteorological radars, fixed wireless access and more. A lack of consensus would not prevent countries from making mobile spectrum available for IMT-2000 on a national basis, but this would result in higher handset prices for third generation systems because of the need to incorporate more complex circuitry to support international roaming across different frequency bands.

With the licensing process for third generation systems picking up strong momentum this year, billions of dollars are riding on the decisions to be made at WRC-2000.

Sharing Between Non Geostationary-Satellite Orbit satellites (NGSO) and Geostationary-Satellite Orbit Satellites (GSO)

Intense private sector interest in the potential of satellite systems to deliver mobile voice and broadband data services has resulted in a large number of proposed new systems and services from non-geostationary satellites. With at least a dozen new projects in the pipeline which are scheduled to begin offering services - from mobile voice to fixed Internet access - over the coming 3 to 4 years, finding the spectrum to accommodate these systems was a focal point of the last two World Radiocommunication Conferences in 1995 and 1997. After lengthy debate and difficult negotiations at the time, it was decided to establish provisional power limits for the operation of these non-geostationary systems. WRC-97 also directed the ITU to undertake studies in the intervening period until the next WRC, to determine whether sharing was feasible.

While the issue seemed certain to reappear on this year's list of hot debates, the various parties including commercial satellite operators, surprised observers by reaching a tentative agreement at last December's Conference Preparatory Meeting in Geneva. This year's conference will examine the results of those studies, which seem favourable to the concept of shared use of the bands in question by non-GSO and GSO systems of the Fixed Satellite Service and the Broadcasting-Satellite Service.

Re-Planning of the Broadcasting-Satellite Service For Regions 1 & 3

One of the most contentious issues at the 1997 conference, this issue promises to be just as difficult this time. The Broadcasting-Satellite Service provides direct-to-home television broadcasting. Under the existing plan adopted by WRC-97 for Regions 1 and 3 (i.e. everywhere other than the Americas) which has roots back to 1977, each country enjoys a certain capacity and the use of that planned capacity is restricted to national services. However, for small countries or for countries with a small population, the use of that capacity may prove to be uneconomical. One of the compromises reached at WRC-97 was to request the ITU to study ways in which the capacity for each country could be increased. These studies have shown that an increase in capacity compared with the plan adopted by WRC-97 is possible.

At WRC-2000, some delegations will advocate adoption by the Conference of a new plan based upon the ITU studies while others may favour further studies to be conducted before adopting of a revised plan at a subsequent conference.

Re-planning is a very complex matter with many inter-related aspects such as the level of constraints imposed for the protection of existing and future assignments in both space and terrestrial services, the allocations to which are different in the different regions. It also involves carrying out the re-planning on the basis of fully digital channels while accommodating existing analogue systems and the interest in accommodating sub-regional systems in a Plan originally engineered on the basis of a national coverage of a fixed capacity per country.

In addition to the technical challenges, the question of BSS re-planning has implications which touch on issues of national sovereignty.

Satellite Positioning Systems

Another issue expected to generate some heat on the conference floor is the bid by European countries for spectrum to support a new satellite positioning system to add to the two current systems, Russia's GLONASS (Global Navigation Satellite System) and the US Global Positioning System (GPS). The challenge for Europe will be to secure the vital spectrum needed to ensure the system's viability and effective operation.

Highly accurate satellite positioning data is becoming increasingly important for a wide range of activities, from navigation on land, in the air, at sea and in outer space to national security to new consumer-oriented position determination applications. There are over eight million Radionavigation-Satellite Service (RNSS) receivers in use today for a wide range of applications, including safety-of-life, critical navigation on land, at sea, and in the air.

New generations of GPS and GLONASS satellites are being designed and new RNSS systems proposed including Europe's Galileo. These second-generation global navigation satellite systems promise to provide even better satellite radionavigation facilities but are also competing for frequencies in a part of the spectrum already heavily used.

While Europe's plan to set up a new, global positioning system would seem to be relatively straightforward, securing the necessary spectrum for the project already proved a sticking point at the last WRC in 1997. At that event, moves to agree on allocations in new bands were blocked on the ground that the proposal for the GPS and Galileo systems to share some of the same frequency bands would effectively jeopardize smooth and reliable functioning of the GPS system. Concerns were also expressed about the shared use of bands currently allocated for aeronautical navigation, which it was said could also pose safety risks.

Tough negotiations are to be expected at this year's event as the EUR2 billion system is tentatively scheduled to go into operation in 2008.

Quiet zones for Radioastronomy and deep space research

With the growing demand for radiocommunication-based services and the resulting deluge of radio signals from cellular phones, pagers, satellite systems and more, there are concerns about interference with radioastronomy and other deep-space research services which are seeking "quiet zones" in the spectrum.

The biggest problems are in the areas of passive monitoring, such as that used by the world's largest radiotelescopes to detect extremely weak celestial sources of radio activity, which are susceptible to interference from active users such as mobile telephony.

From the point of view of passive space research, the signal strength from a cellular phone is huge - so high, in fact, that making a standard cellular phone call from the surface of the moon would register on a radiotelescope as the third most powerful source of radio activity in the universe. With unwanted emissions from other services threatening to blot out incoming cosmic signals and close the "spectral pinhole" through which astronomers and others learn about our world and the universe around us, radio astronomers are actively seeking better protection for vital research.

SHARING THE SPECTRUM

With all these services, and many others, vying for allocations and protection from harmful interference by other systems, delegates to WRC-2000 should have no problem filling each day's agenda over the course of the month-long event. As always, the result of the conference will be a balancing act between the sometimes conflicting requirements of spectrum for new services and the need to protect the existing systems which provide valuable communications links, particularly in developing countries where wireline infrastructure can be sparse.

With wireless systems playing an ever-growing role in the world's communications networks, only one thing is certain: the decisions taken in the WRC-2000 plenary sessions in Istanbul in May/June will play a crucial role in determining future shape of telecommunications worldwide.



DX LOGBOOK

Logs around the clock

by Eberhard Ahl, Postfach 32 01 39, D-55065 Mainz, Germany

MEDIUMWAVE

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
261,0	1626	45454	D	Radio France Int.	D	Rufdienste/via Radioropa	1804	MWL
639,0	2122	34444	CZE	CR 2 PRAG	VN	Talk von Frau	1703	EAM
675,0	0720	34444	HOL	R. Teen Gold	DUTCH	Oldis, Mosamibk-Hilfe	1703	EAM
693,0	2114	34433	G	BBC R 5	E	Rock MX, Talk	1703	EAM
711,0	2105	33343	D	SWR 1 ???	D	Klare ID, News,sport	1703	EAM
738,0	1903	34433	E	RNE Madrid	S	Talk by Frau u. Mann	1704	EAM
774,0	1908	2333	E	RNE Valencia	S	//738 Interview	1704	EAM
783,0	2035	34444	D	MDR Info	D	Fussball Bremen-London	1603	EAM
810,0	1920	34433	G	BBC R. Scotland	E	Sport, Fussball,Aberden	1804	EAM
828,0	2009	42432	HOL	Arrow Classic Rock	Holl.	Mx.Thin Lizzy/viaRotterd.	1904	MWL
855,0	2050	33333	D	DLR Berlin	D	Grüne Parteitag,Talk	1703	EAM
855,0	2255	34443	E	RNE 1	S	Talk Valencia, USA, ID	2103	EAM
864,0	0045	23322	ARM	TWR, Gavar	KOREA	IS, ID, Chor, //6240,0	2804	HKN
864,0	2250	24442	EGY	R. Kairo	A	Wort PX by OM	2103	EAM
864,0	0730	33333	F	TF R.Blue Paris	F	ID, Talk by OM	1703	EAM
891,0	2030	23333	ALG	RTA Algiers	ARAB	Folkl Gesang, Talk	1603	EAM
909,0	2245	34443	G	BBC R. 5	E	Talk about young Gyis	2103	EAM
945,0	2240	23332	G	Capitol Gold //1548	E	Wunsch PX, Klare ID	2103	EAM
954,0	1915	23333	CZE	CR Brno	VN	Schlager MX Talk	1704	EAM
972,0	2235	33333	D	NDR Hamburg	D	Polit Talk, Scharping	2103	EAM
981,0	1924	24433	ALG	RTA Algier	A	Folkl MX, Talk	1704	EAM
999,0	2005	44433	D	Talk Radio, Schwerin	D	Pop Class, ID, Testpx.	1904	MWL
1170,0	2030	53433	BLR	Radio Minsk	D	IS, ID // 7210,0	1904	MWL
1179,0	1833	54554	S	Radio Schweden	D	Nx. , Börse // 6065,0	1804	MWL
1260,0	2035	33333	E	SER ??	S	Fussball Vigo, USW	1803	EAM
1314,0	2030	45444	NOR	NRK 1	NORW	Country MX, Talk	1803	EAM
1323,0	1634	55555	D	Stimme Russlands	D	Ausstellung	1804	MWL
1332,0	2025	44444	I	RAI 1	ITAL	Talk, Werbung, Sport	1803	EAM
1341,0	2020	44444	G	BBC R. Ulster	E	Talk, Country MX	1803	EAM
1359,0	1950	34433	E	RNE 1	S	Talk by 2 OM's,Rep.	1803	EAM
1386,0	1945	34444	RUS	R. Santec	D	Bibel, Pharao usw.	1803	EAM
1404,0	1940	34433	F	TDF R. Blue	F	ID, Schlager	1803	EAM
1413,0	1955	34444	E	RNE 5 ???	S	Talk by 20 om's	1603	EAM
1440,0	0105	34443	YUG	R. Beograd	S	ID, News, Talk by OM	2304	EAL
1458,0	1855	34433	ALB	R. Tirana	VN	Folkl Gesang,Telef.talk	2803	EAM
1476,0	1830	54444	AUT	Radio Österreich Int.	D	DX-Tip: Marconi-Tag	2104	MWL
1494,0	1859	44444	???	TWR	???	IS, Talk, Rel.MX	2803	EAM

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
1512,0	1904	44444	BEL	R. Vlaanderen Inter	D	Nx, Presseschau	2803	EAM
1512,0	0040	34443	GRC	ERA Chania	VN	No ID, Folkl Gesang	2304	EAL
1521,0	2100	34444	UAE	BSKSA Rhiyad	ARAB	ID, Talk Folkl Gesang	1903	EAM
1530,0	1828	53543	CVA	Radio Vatikan	D	Interview // 5883, 7250	1804	MWL
1539,0	0100	34433	E	REE Canaren	S	Talk, Schlager MX,ID	2304	EAL
1548,0	1717	34444	G	R. Capitol Gold	E	Talk ID, Pop MX, Oldis	1503	EAM
1557,0	0140	44444	F	R. Blue ???	F	ID, Nacht PX	2304	EAL
1566,0	0030	44444	G	County Sound Radio	E	ID, Telefon, Pop MX	2304	EAL
1575,0	1950	33333	I	RAI div.	ITAL	Sport live, Maldini	0503	EAM
1584,0	1705	33443	HOL	1584 AM R. Caroline	E/Holl.	Testsignale, ID, Adresse	2104	MWL
1602,0	2010	33333	E	R. Euzkadi	S	Telefon Talk, ID	1603	EAM
1602,0	1633	33433	I	RAI Sender Bozen	D	Rep.ü. Brennerautobahn	2004	MWL

TROPICAL BANDS

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
3200,0	1744	23322	SWZ	TWR Swaziland	E	Talk by YL, Rel. PX	1804	ZL
3215,0	0200	24322	USA	WWCR, Nashville	E	Transmitter 1, Live PX	2604	HKN
3240,0	1837	24222	SWZ	TWR Manzini	Vn.	Predigt by OM	1704	MWL
3255,0	1834	35232	AFS	BBC World Service	E	Wortpx. by OM	1904	MWL
3270,0	0428	34433	NMB	NBC Windhoeck	E	Ann, ID, TS, TA, News	0304	SGL
3290,0	1819	33242	NMB	NBC Windhoeck	D	Berichte by YL, Mx.	1804	MWL
3316,0	2014	24232	SRL	SLBC Freetown	E	Talkpx., Ansage by OM	2204	MWL
3320,0	1832	34232	AFS	Radio Sonder Grense	Afrikaan	Infopx. by OM, Popmx.	1904	MWL
3335,0	1956	12231	TWN	CBS Taipei	C	Lokal MX, Talk	1804	ZL
3365,0	1822	24322	IND	AIR Dehli, Khampur	E/Vn.	lokale Mx. / bad Modulat.	1804	MWL
3366,0	2009	44423	GHA	GBC Accra	VN	Lokal MX,	1304	ZL
3366,0	2022	23342	GHA	GBC Accra	F / VN	Talk by OM, no MX	2004	EAL
3374,9	2020	22222	AGL	R. n. Angola	P	Talk, MX, Still PX	1304	ZL
3380,0	1837	25232	MWI	MBC Blantyre	E/Vn.	Afrikan. Folkloremx.	1904	MWL
3915,0	1637	25322	SNG	BBC World Service	E	Korrespondentenbericht	2004	MWL
3950,0	2246	23332	CHN	PBS Qinghai	Chin.	Wortbeitrag by YL, Mx.	1904	MWL
3955,0	1914	55444	G	RTI, Skelton	F	ID, Bericht ü. Präsidenten	2704	HKN
3975,0	0452	45333	HNG	R. Budapest	UKRAIN	ID, klass.Musik //6025	2404	HKN
3975,0	1752	55544	HNG	Radio Budapest	D	Interview // 6025,0	2004	MWL
3985,0	0500	45444	I	IRRS - Milano	ITAL	ID, Relig. Px, Predigt	2404	HKN
4770,0	2030	23242	NIG	FRCN Kaduna	E / VN	Talk by OM	2004	EAL
4777,0	1851	34232	GAB	RTG Libreville	F	Wortpx., Talk	1904	MWL
4790,4	1704	35333	PAK	Azad Kashmir Radio	Vn.	Nx. by OM	1804	MWL
4800,0	1706	34343	IND	AIR Hyderabad	Vn.	lokale Mx., Ans by YL	1804	MWL
4800,0	1808	33333	LSO	Lnbs Lesotho	VN	Instr. MX, Talk	2004	EAL
4810,0	1709	34433	ARM	R. Yerevan	VN	Folkl Gesang, Talk by OM	2104	EAL
4815,0	2200	23332	B	Unid	P	no ID, MX, NX, delMundo“	2103	EAM
4815,0	2248	33333	BFA	Radio Burkina	F	Afropop, Ansage by YL,	2204	MWL
4830,0	0130	24332	VEN	R. Tachira	S	ID, Werbung, Talk OM	2304	EAL
4835,0	1944	45433	MLI	RTV du Mali	Vn./F	Ansage, lokale Mx.//782,4	2104	MWL
4840,0	1715	33333	IND	AIR Mumbai	VN	Folkl Gesang nonstop	2104	EAL
4845,0	1647	25322	MLA	RTM Kuala Lumpur	Tamil	asiatische Popmx., Ansage	2004	MWL
4845,0	1940	33333	MTN	R. Nouakchot	A	Talk, Guitar MX	2004	EAL

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
4845,0	2118	33333	MTN	ORTM Nouakchott	Vn.	Stammesgesänge	2104	MWL
4850,0	2015	43333	UZB	R. Tashkent	VN	Folkl Gesang,	0503	EAM
4860,0	1710	35333	IND	AIR Dehli, Kingsway	Vn.	lokale Mx., Chorgesang	1804	MWL
4880,0	1712	23222	IND	AIR Lucknow	Vn.	lokale Mx., Song by YL	1804	MWL
4885,0	1818	34333	KEN	KBC Nairobi	VN	Folkl Gesang	2004	EAL
4895,0	1716	25343	RUS	Radio Rossii	Russ.	Instr.-Mx., Ansage YL	2004	MWL
4915,0	2020	23333	GHA	GBC Accra	E	Talk by OM , Feeling	0503	EAM
4915,0	1816	34433	KEN	KBC Central Service	Vn.	Ansage OM, lokale Mx.	2004	MWL
4915,0	2215	22222	P	R. nacional ????	P	LA MX,Talk by OM	2103	EAM
4919,0	0550	23333	EQA	R. Quito,	S	Talk , LA MX, ID	1203	EAM
4950,0	2025	34433	STP	VoA Relais	E	PX“Afrika tonight“	0503	EAM
4952,0	1915	33433	AGL	RN Angola	P	ID , Anns, Report	0304	SGF
4965,0	1822	35333	ZMB	Christian Voice	E	Predigt by OM	2004	MWL
4976,0	2030	33333	UGA	R. Kampala	E	Lokal Rep. ID	0503	EAM
4985,0	2111	24242	B	Radio Brasil Central	Port.	Popmx., LA-Mx.	2104	MWL
5003,4	1855	44323	GNE	R.N. Bata	F/S	Folk MX, ID, PX in S	1804	ZL
5009,5	1845	23322	MDG	R. Madagaskar	VN	Talk Folkl Gesang	2004	EAL
5009,5	1750	23233	MLA	RTM Kuala Lumpur	VN	Country MX, ID, Talk	1604	ZL
5010,0	2108	23343	CHN	CPBS 2	Chin.	Chin. Popmx., Ansage	2104	MWL
5015,0	1748	35333	TKM	Radio Turkmenistan	Vn.	Ans. by OM, lokale Mx.	2104	MWL
5025,0	1927	32342	BEN	Radiodiff. du Benin	F	Talkpx,Chanson Gesang	2104	MWL
5025,0	1939	44333	UZB	Radio Taschkent	D	Nx. by YL // 5035,	2104	MWL
5026,0	1745	24343	UGA	R. Uganda Blue Ch.	Vn.	Afropop, Folklore-Mx.	2104	MWL
5030,0	2105	35333	CHN	CPBS 1	Chin.	Nx. by YL	2104	MWL
5035,0	2220	23333	CAF	R. Bangui	F	Folkl Gesang, Talk, ID	2103	EAM
5047,0	1901	35333	TGO	RTT Lomé	F	Rod Stewart, Talk , Nx.	2104	MWL
5050,0	2035	33333	TZA	R. Tanzania	VN	Folkl MX mit Trommeln	0503	EAM
5060,0	1935	44444	UZB	R. Tashkent	D	PX-Talk, ID, News	1803	EAM
5070,0	0210	35333	USA	WWCR, Nashville	E	Live PX, Transmitter 3	2604	HKN
5090,0	1947	33223	CHN	CNR 2 TWN PX	VN	Folkl Gesang, Talk	0603	EAM
5100,0	1857	25242	LBR	Radio Liberia Int.	E	Anns by OM, Mx., ID	2104	MWL

SHORTWAVE

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
5825,0	0743	25433	USA	WEWN, Birmingham	E	Relig. Px, Talk ü. Kirche	2404	HKN
5835,0	2037	55444	KAL	R.Netherland (Realais)	HOLL	ID, Nachrichten,	2904	HKN
5883,0	0504	45444	CVA	R. Vatikan	E	Ostersegen des Papstes	2404	HKN
5905,0	1700	53543	UKR	Radio Ukraine Int.	D	IS, ID, Infos // 9640	1804	MWL
5915,0	1329	55544	SVK	R. Slovakia	D	IS,ID,News, Gündungs PX	2004	SGL
5920,0	1821	55544	SVK	Radio Slowakei Int.	D	Schulwesen // 6055, 7345	1904	MWL
5935,0	0150	43333	USA	WWCR, Nashville	E	Dr.Gene Scott,QRM R. Rossi	2604	HKN
5945,0	2022	55444	AUT	ROI, Wien	D	DX – Telegr.Marconi Tag,	2904	HKN
5955,0	1400	45554	HOL	R. Netherland	DUTCH	News, Aktien, ID	2004	EAL
5970,0	1925	33333	CHN	CRI Beijing	D	Folkl Gesang	1803	EAM
5975,0	1640	34333	SNG/ ATG	BBC, Singapore + Antigua	E	ID, Sportmagazin, ganz starker Echo Effekt	2404	HKN
5985,0	0910	55544	D	Christl. Wissenschaften	D	relig. Talkpx. by 2 OM	2304	MWL
6010,0	1910	55444	G	Sri Lanka Broadcasting	E	Reportage über Buddha,	2904	HKN

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
				Corporation, Skelton		asiatische Musik		
6010,0	1950	55444	G	Merlin, Skelton	E	Mx von Fleetwood Mac,	2804	HKN
6010,2	2208	24322	B	R. Inconfidencia, Bela Horizonte	P	ID, Innenpolitik, Jingles, ab 22.28 s/on RAI Italien	2404	HKN
6015,0	1637	55544	D	Kosmische Welle	D	relig. Px., Bruder Emanuel	1804	MWL
6025,0	1735	44444	HNG	R.Budapest	D	News, MX instrum.	2004	EAL
6025,0	1920	54444	HNG	R. Budapest	E	Px "Hungary today"	2804	HKN
6035,0	0440	43333	USA	VOA, Greenville	P	ID, Jingle, Polit. Magazin,	2504	HKN
6045,0	1926	44444	IRN	IRIB Teheran	F	ID, Absage, Intersignal	2804	HKN
6055,0	1200	45544	CZE	Radio Prag	D	ID, Nx. by YL // 7345,0	2304	MWL
6055,0	2010	32542	RRW	Radiodiff. Rwandaise	Vn./F	Nx. by YL, lokale Mx.	1704	MWL
6055,0	1936	54444	S	R. Schweden	E	Wochenrückblick, ID,	2804	HKN
6055,0	1840	44444	SLK	R. Sloakia Inter	E	Letterbox,	0904	EAM
6055,0	1931	44444	SVK	R. Slowakei Intern.	F	ID, Nachrichten, Panorama	2804	HKN
6060,0	0500	32322	I	Radiouno, Caltanissetta	ITAL	(HS1) ID, News //900	2504	HKN
6065,0	1835	44444	S	RSI Stockholm	D	Rep ü. Andre Weida	0904	EAM
6095,0	1945	33333	G	R. Taipe Inter	D	ID, Chauolie Report	0403	EAM
6100,0	2014	54544	YUG	Radio Jugoslawien	D	Anti-NATO-Propag. , ID	1904	MWL
6110,0	0507	44444	CAN	NHK, Montreal	E	Nachrichten, ID,QRG's	2504	HKN
6110,0	1940	44444	FIN	R. Finnland	E	Nachrichten, Sprachkurs	2804	HKN
6110,0	1949	44444	FIN	YLE Radio Finnland	D	Px.-Hinweise, Post // 261,0	2104	MWL
6130,0	0907	55544	G	Evangeliumsr. Hambg.	D	relig. Nx. by YL	2304	MWL
6140,0	1444	45444	D	Deutsche Welle	E	ID, History of Germany	2104	MWL
6145,0	1945	54444	G	RKI, Skelton	F	ID, tradition. korean.Mx	2804	HKN
6155,0	1835	45544	AUT	RÖI	D	Intermedia, Marconi	2104	EAL
6155,0	0015	44444	IND	AIR Delhi	URDU	S/on, ID, Korangesang,NX	2804	HKN
6160,0	1646	42332	IRN	IRIB Teheran	AZERI	Polit-Talk ü. Afghanistan,	2404	HKN
6165,0	0025	44433	ATN	R. Netherland, Bonaire	E	Test - neuen elektrischen Generator auf Bonaire	3004	HKN
6165,0	0426	45444	HRV	Hrvatska RTV	KROAT	ID, Jingles, TA, Wetter	2504	HKN
6165,0	0625	44444	HRV	Hrvatski Radio Zagreb	VN	VN, Klare ID, Folkl MX	1203	EAM
6165,0	2248	25322	VTN	VO Vietnam,	HMONG	Talk by YL, Folkl MX	2704	HKN
6170,0	2304	24322	B	R. Cultura, Sao Paulo	P	Klare ID mit Sao Paulo	2704	HKN
6175,0	1900	54444	G	RTI, Skelton	D	ID, Nachrichten, Wetter	2704	HKN
6180,0	2325	44333	B	RN Amazonia, Brasília	P	Polit. Rep ü. Buenos Aires	2704	HKN
6205,0	1631	35433	RUS	R. Vatikan, Samara	R	ID, IS um 16.35, c/d 16.40	2404	HKN
6235,0	1624	44444	ALB	TWR, Cerrik	TSCH	Predigt , Rel.MX, IS c/d	2404	HKN
6239,9	2000	55444	ALB	TWR, Cerrik	SCHWE	Predigt, ID Norea Radio	2804	HKN
6265,0	1802	44333	ZMB	ZNBC Lusaka	E	Nx. by OM, Zimbabwe	1704	MWL
6480,0	1813	44444	KOR	Radio Korea Int.	D	ID,Kreuz & Quer d. Korea	1904	MWL
6970,0	0607	35433	CTR	RfPI	E	Relig. Px, "god is so good"	2404	HKN
7083,0 V	1545	33333	AFG	V.o. Sharia	RUSS	Jamming,LSB, Talk PX	1604	ZL
7110,0	0853	35433	ALB	R. Tirana, Cerrik	ALBAN	Bericht von Jugoslawien	2404	HKN
7120,0	2048	34322	MDG	R. Netherland	HOLL	Schlager Musik, ID, //6020	2904	HKN
7125,0	2340	45433	GUI	Rdiff. TV Guinéeenne	F	Ansager, afrikan. Folklore	2704	HKN
7135,0	1807	55544	I	RAI International	D	Begrüßung, ID,Nx./6040,0	1904	MWL
7150,0	1052	35433	ALB	R. Tirana, Cerrik	ALBAN	100 kW, Rundstrahler,Mx	2404	HKN
7185,0	1747	54544	ALB	Radio Tirana	D	Folklore-Mx., ID // 9570,0	2004	MWL
7220,0	1208	45544	HNG	Radio Budapest	D	Rep Ungarndeutsche//6025	2304	MWL
7225,0	1930	33343	CHN	R. China Inter	D	Folkl. Gesang, Anns	0403	EAM

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
7225,0	1620	44444	CLN	DW Köln (Relais)	E	Polit Talk	2004	EAL
7230,0	1300	55544	SVK	Stimme der Hoffnung	D	ID,Ostern, Manfred Sibald	2304	MWL
7240,0	1422	44444	I	RAI Rom	D	Totto Zahlen, ID, News	2004	EAL
7335,0	0155	44444	CAN	CHU, Ottawa	E/F	Timesignal, ID,TA Minute	2804	HKN
7335,0	0200	44444	RUS	Radio Stanzija	R	S/on, ID, News on Block	2804	HKN
7345,0	1327	55544	SVK	Radio Slowakei Int	D	IS, ID, QRG's & Zeiten	2304	MWL
7365,0	0144	43333	USA	R. Marti	S	Bericht über Fiedel Castro,	2804	HKN
7385,0	0514	23322	USA	R. Santec via WRMI	D	Prophetin Gabrielle (Mo)	2404	HKN
7460,0	1848	44333	ALG	Voz del Sahara Libre	A	Neue Frequency - ex. 7470,	2704	HKN
7475,0	1831	54544	GRC	Stimme Griechenlands	D	QRG-Infos, Wetter, Nx.	1804	MWL
7490,0	0836	25333	USA	WJCR Upton	E	Gospelmx., Country	2304	MWL
7505,0	1810	53433	KRE	R. Pyongyang	D	News, ID, //9325	2004	SGL
7510,0	0833	25322	USA	KTBN Salt Lake City	E	Predigt by OM, relig. Mx.	2304	MWL
7550,0	2056	45333	KOR	Radio Korea Int.	D	MX, ID, QRG's & Zeiten	2104	MWL
7800,0	2210	34433	CHN	CRI Beijing	F	Folkl MX, Talk, ID	2103	EAM
9022,0	1827	55544	IRN	IRIB Teheran	D	PX-Ende. // 11680, 13685	1904	MWL
9325,0	1629	35333	KRE	Radio Pyongyang	D	Rep's //7505,bad Modulat.	1804	MWL
9355,0	1435	25242	GUM	KSDA Agat	E	Predigt by OM, Bibelzitate	2104	MWL
9400,0	1623	55544	BUL	Radio Bulgarien	D	Nx. by OM // 11800,0	1804	MWL
9420,0	1425	45554	GRC	ERT Athen	VN	Gesang, Talk	2104	EAL
9475,0	1622	34433	AUS	R. Australia, Shepp.	E	ID, Country Sängerin,Talk	2704	HKN
9540,0	2035	42322	UZB	R. Tashkent	E	News, Spring-MX	2803	WBS
9584,9	1045	35444	ALB	R. Tirana, Cerrik	ALBAN	(HS1) italalo MX,Talk	2404	HKN
9585,0	1426	45544	I	RAI International	D	ItaloMx,ID,Hymne / 7240	2104	MWL
9610,0	0903	45544	I	Stimme der Hoffnung	D	relig. Mx. / via WAR Forli	2304	MWL
9620,0	1630	44444	BIH	R. Jugoslawien	D	News , ID Polittalk	2004	EAL
9665,0	1750	53543	E	R. Exterior de Espana	D	Tourismus, Andalusien	2004	MWL
9680,0	2011	43533	THA	Radio Thailand	D	Hochzeit in Thailand	1904	MWL
9710,0	1205	45544	LTU	Kosmische Welle	D	Predigt by YL	2304	MWL
9795,0	1315	55544	MCO	ERF via TWR	D	Rep.25 Jahre RMRC//7160	2204	MWL
9860,0	0901	55544	USA	WSHB Cypress Creek	D	Relig. Ansprache by YL	2304	MWL
9955,1	1823	44444	TWN	Radio Taipei Int.	D	Rezepte, Uta Rundfleisch	1904	MWL
9990,0	1919	34444	EGY	R. Kairo	D	Lokal News, ID	1803	EAM
11510,0	1527	35333	ARM	R. Free Asia, Erevan	TIBET	Bericht über Afghanistan	2704	HKN
11705,0	0959	34333	UKR	RNI Relais	UKR	//9620, 9640, 13590	0204	WBS
11715,0	0118	33433	EGY	Radio Kairo, Abis	S	//9740,0 + 9475,1 ID,	2804	HKN
11720,0	0522	34333	AFS	Channel Africa	E	Bericht über Weltbank, ID,	2404	HKN
11745,0	0905	54544	RUS	Stimme Russlands	D	Russland-Nx. // 15455,	2304	MWL
11760,0	1615	44444	G	HCJB, Rampisham	R	ID, Chor, Predigt	2704	HKN
11760,0	2005	34433	GEO	R. Georgien	F	ID, Talk von Frau	2004	EAL
11765,0	0518	24322	AFS	BBC, Meyerton	E	Politisches Magazin,	2404	HKN
11765,0	0814	13242	ALS	KNLS Anchor Point	E	relig. Gesang, Ansprache	2304	MWL
11795,0	1615	34433	MRA	R. Free Asia	MANDA	//9905 + 17640 Polit.Talk	2404	HKN
11830,0	0520	35433	CAN	RCI, Montreal	E	First edition, Sportnews	2504	HKN
11880,0	1412	34333	CLN	NHK World Radio	E	Lokal News, Jingle, ID	2104	EAL
11910,0	1810	34443	GEO	Radio Georgien	D	Gesang, News, ID	2104	EAL
11920,0	0818	25433	SNG	NHK, Singapore	JAP	(J1) Magazin, ID,	2404	HKN
11980,0	0930	14342	EQA	Radio HCJB	D	TS, ID/ für Südamerika	2304	MWL
12030,0	1815	53433	CHN	C R I	D	/15130,ID,Zeitgeschehen	2004	SGL

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
12060,0	2025	45444	RUS	V O Mediteranean	??	//11735, 12060	2803	WBS
12079,8	1550	45444	ALB	TWR, Cerrik	ARMEN	Predigt aus dem AT	2704	HKN
12085,0	1845	44433	SYR	R. Damaskus	D	Talk v.Frau Folkl Mx	0904	EAM
13610,0	1836	44444	SYR	Radio Damaskus	D	Oriental.Gesänge // 12085	1804	MWL
15100,0	1435	33333	PAK	R. Pakistan	URDU	Sport Live	1604	WBS
15110,0	1925	42422	CHN	C R I	D	HBF, ID, Adr, //12030	0304	SGF
15130,0	1928	55544	CHN	Radio China Int.	D	Chin.Popmx // 12030	2204	MWL
15140,0	1423	34443	OMA	R. Oman	E	Talk by 2 Frauen	2104	EAL
15140,0	1423	34443	OMA	R. Oman	E	Talk by 2 Frauen	2104	EAL
15150,0	1800	54544	INS	St. Indonesiens	D	IS, TA, News	2004	SGL
15175,0	0650	14221	PAK	R. Pakistan	VN	Folkl MX, Holy Quran	1604	WBS
15255,0	1428	44444	GRC	V o A Relais	E	Talk by Om	2104	EAL
15275,0	1202	45444	POR	Deutsche Welle	D	Nx by OM/v. Sines, //6075	2304	MWL
15285,0	2015	55555	E	REE Madrid	E	No Rain in Spain	2803	WBS
15330,0	0818	25343	GUM	KTWR Agana	E	relig. Ansprache by YL	2304	MWL
15335,0	1810	45444	PAK	R. Pakistan	URDU	Woman Song, Talk	0104	WBS
15345,0	2059	42532	ARG	RAE Buenos Aires	D	Pausezeichen, TS, ID	1704	MWL
15475,0	1807	44444	GAB	Africa No. 1	F	Aktuelles, Rep's	1804	MWL
15476,6	1941	23342	ANT	RN Arcangel S. Gabriel	S	Wortpx by YL, LA-Mx.	1904	MWL
15515,0	1730	55544	TUR	Stimme der Türkei	D	IS, ID, NX, Rep. ü. Osman	2004	SGL
15545,0	0811	34433	D	Schweizer Radio Int.	D	Volksmx. // 17685, 21750	2304	MWL
15600,0	2100	45333	USA	Radio Taipei Int.	D	ID, QRG's & Zeiten	2104	MWL
15665,0	1825	45444	USA	WSHB Cypress Creek	D	ID, Adr., eMail, Homepage	1904	MWL
15685,0	1215	22222	KAZ	RFA Almaty	TIBET.	//15645	0104	WBS
15695,0	1523	35333	TJK	R. Free Asia, Duchanbe	BURME	IS, Politische Reportage	2704	HKN
17495,0	0507	25322	TJK	R. Free Asia, Duchanbe	MANDA	Polit. Magazin //17525	2404	HKN
17535,0	1404	44444	ISR	KOL Israel	E	Lokal News, ID	2104	EAL
17605,0	1925	35433	HOL	R. Netherland, Flevo	E	New QTH ex. ATN, /9895	2904	HKN
17675,0	2012	35333	NZL	R. New Zealand	E	Sportnews	2803	WBS
17720,0	1210	44444	ROU	Radio Rumänien Int.	D	ID, Kulturchronik//11940	2304	MWL
17750,0	0816	35333	AUS	Radio Australia	E	Sportergebn. // 15240,	2304	MWL
17760,0	1215		TUR	Stimme der Türkei	D	Interview Reiseland Türkei	2304	MWL
17765,0	1950	45444	NZL	R N Z I	E	RPT King of Tango	0304	SGF
17770,0	1516	25333	AFS	Channel Africa,	E	ID, Rep ü. Simbabwe	2704	HKN
17780,0	1510	25433	AFS	Channel Africa,	SWAHIL	ID, Rep. o. Mombasa/Kenia	2704	HKN
17795,0	2105	44444	EQA	HCJB Quito	D	Talk ü. Equador	2004	EAL
17820,0	1400	34433	ROU	RRI Bukarest	A	IS, ID, News	2104	EAL
17875,0	0110	23342	ATG	DW-Köln Relais	D	//15410, Class. MX	2304	EAL
17875,0	0110	23342	ATG	DW-Köln Relais	D	//15410, Class. MX	2304	EAL
18275,0	1400	35333	USA	V O A Greenville	E	(LSB), Worldnews	1604	WBS
21455,0	1258	34443	EQA	HCJB	E	Talk about Jesus	2104	EAL
21455,0	1820	35433	USA	WYFR, Oakland	F	Predigt, IS, Adresse	2704	HKN
21460,0	0520	34433	PAK	R. Pakistan	VN	Folkl MX, Talk	1604	WBS
21470,0	1930	45444	EQA	Radio HCJB	D	Theme Tune, DxPx. /17795	2204	MWL
21480,0	1252	34433	CLN	DW Köln Relais	??	Jingle Talk	2104	EAL
21480,0	1252	34433	CLN	DW Köln Relais	??	Jingle Talk	2104	EAL
21490,0	1500	34333	AFS	BBC, Meyerton	E	S/on, IS, Nachrichten,	2704	HKN
21770,0	1213	25322	SUI	Schweizer Radio Int.	D	mit Echo, // long Skip	2304	MWL
21775,0	0807	35343	IRN	IRIB Teheran	D	Talk by OM & YL// 15084	2304	MWL
21820,0	1015	35333	AUS	R. Australia	E	Cuba Boy in Miami	0204	WBS

OVERSEAS LOGBOOK

With loggings from Canada and USA

Frequ.	UTC	SINPO	ITU	Station	Language	Programme details	Date	RPT
6055,0	0110	45543	E	REE Madrid	E	Radio Waves	2603	RL
6115,0	2247	24422	G	NHK World R.	J	Talk by 2-m's, QRM	1504	MH
6145,0	0031	55555	CAN	NHK World (RELAIS)	E	Tape Comment by OM	1604	MH
7195,0	2337	24433	ROU	R. Romania	E	Letterbox, ID	1203	MH
7285,0	2109	34433	POL	Polski Radio	E	Opera MX, Talk by OM	1203	MH
7344,0	0225	43433	CZE	R. Prague	E	Mailbox	2503	RL
7385,0	0407	45443	USA	WRMI	E	Mailbag, News	2503	RL
7415,0	0036	44333	J	NHK World Radio	E	Hello from Tokio	2703	RL
7415,0	2102	55555	USA	WBCQ	E	Sister called Slow Hand	0904	MH
9515,0	0148	23333	GAB	NHK World (RELAIS)	E	//17835, Comments by YL	1604	MH
9560,0	0143	34443	UKR	R. Ukraine Inter	E	Letterbox, Comment by OM	1303	MH
9570,0	1323	43333	KRE	RKI Seoul	E	Seoul Calling	2703	RL
9675,0	2105	55555	G	World Beacon Radio	E	MX Katrina and the Wave	1504	MH
9680,0	1737	23333	CLN	V o A (RELAIS)	E	Comment by YL	0604	MH
9745,0	1959	24333	AFS	AWR (RELAIS)	E	MX, ID, Talk by OM	1504	MH
9750,0	0122	32222	CLN	V o A (RELAIS)	URDU	News, ID, MX	1203	MH
9826,0	0136	54444	CUB	RHC Habana	E	Dx-Unlimitid, ID	0904	MH
9835,0	0230	53433	HNG	R. Budapest	E	DX-Blockbuster	2603	RL
9880,0	2130	43344	G	HCJB (Relais)	A	Rep by oM	1203	MH
9900,0	2332	53533	EGY	R. Cairo	E	Listeners Mail	2503	RL
11655,0	0237	55433	USA	WBCQ the Planet	E	Speaking about holyland	2703	RL
11730,0	1407	33333	J	NHK World	E	News, WX, MX	0804	MH
11830,0	1511	55555	USA	WYFR	E	Gospel MX, talk	1504	MH
11895,0	2250	45544	GUF	NHK World radio	J	//6110, 6115, ID	1504	MH
11915,0	0055	44444	USA	WWBS	E	Talk about Mathew, News	1604	MH
11975,0	2209	54444	MLI	China Radio Inter	F	MX by YL, Rep's	0804	MH
11990,0	1812	43333	KWT	R. Kuwait	E	Talk about small Mobile	1604	MH
15050,0	0227	45333	CTR	RFPI Costa Rica	E	RFPI Mailbag, James	2603	RL
15050,0	1445	54444	CTR	R F P I	E	Talk about people	0804	MH
15105,0	1719	24433	??	V. o. Oromo	OROMO	Talk by 2 OM's	0604	MH
15250,0	2334	34333	CLN	DW Köln (RELAIS)	D	//17860, 11795, News, ID	1504	MH
15425,0	0105	45544	CLN	Sri Lanka BC	E	Woman Talking // 9730	1203	MH
15435,0	1743	55555	LBY	R. Jamahiriya	A	MX by Group, Talk	0804	MH
15550	2116	24433	GUM	KSDA AWR Asia	??	Gospl MX, Talk	0604	MH
15560,0	2003	35544	D	AWR (RELAIS)	F	Rep by YL, MX, Talk	1504	MH
15565,0	0358	55533	ATN	RVI (Relais)	E	Radio World	2703	RL
15565,0	2335	55555	ATN	RVI (RELAIS)	E	World radio by OM	0904	MH
17675,0	0233	44444	NZL	R. New Zealand Inter	E	WX, News by OM	0904	MH
17690,0	2011	34433	HNG	R. Budapest	VN	Talk about Amerika	1504	MH
17895,0	1616	34433	MRC	V o A (RELAIS)	E	Talk by YL	0604	MH
21605,0	1346	44444	UAE	RCTV Dubai	E/A	Engl. Serv. By YL	0804	MH
21790,0	2301	25333	RUS	DW Köln (RELAIS)	E	Amerikan/Europa Parlam.	1504	MH

Thanks a lot for your contribution :

AD : Alan Davies, Agra, India

AKI : Ashok Kumar Bose, Calutta, India, Siemens RK 759, 7m. Lw. Teleskop

Bulgaria	Radio Bulgaria	82 d	C	15.700		MH
Bulgaria	Radio Bulgaria	66 d	C	7.535		MH
Bulgaria	Radio Bulgaria	49-51 d	C	5.845		MH
Canada	CKZN, New Foundland	512 d	C	6.160		MH
Canada	Deutsche Welle	43 d	C	6.040	v/s, Horst Scholz	MH
Canada	RTE Relay via Merlin	23 d	C	13.640		MH
Croatia	HRT-Radio Zagreb	1277d	C	6.165	v/s, Zelimir Klasan. Longest verie.	MH
Cuba	Radio Rebelde	67 d	C	5020		MH
Cuba	Radio Rebelde		C	6.140		MH
Czech Republic	R. Prague	18 d	C	11.660		MH
Czech Republic	Radio Prague	30 d	C	5.930		MH
Ecuador	EDXC, HCJB	39 d	L	9745	V/s, Risto Vaha Kalnu.	MH
Ecuador	HCJB	28-116d	C	12.015	v/s, John E. Beck.	MH
England	Merlin Network One		C			MH
European Russia	Deutsche Welle	71 d	C	12.055	V/s, Horst Scholz.	MH
Gabon	Radio Japan	41 d	C	15.355	v/s, M. Yoshioka	MH
Germany	Deutsche Welle	71 d	C	6.045	v/s, B. Klaumann.	MH
Germany	Deutsche Welle	122d	C	7115	v/s, B.Klaumann	MH
Greece	VOA, Relay	49 d	C	9.865		MH
Greece	VOA, Relay	58 d	C	15.205		MH
Hawaii	KWHR	124 d	C	17.555	v/s, Loren Holycross.	MH
Iran	IRIB	68 d	C	9.022		MH
Iraq	Radio Iraq Int.	162 d	C	11.785	Country no. 136 for me.	MH
Israel	Kol Israel	58 d	C	15.640		MH
Israel	Kol Israel	75 d	C	11.585		MH
Israel	KOL Israel	79 d	C	17.545		MH
Israel	Kol Israel	50 d	C	11.605		MH
Israel	Kol Israel	68 d	C	15.650		MH
Israel	Galei Zahal	24 d	C	6.898		MH
Italy	Rai-Rome	83 d	C	9.675		MH
Japan	Radio Japan	48 d	C	13.650	v/s, M. Yoshioka.	MH
Libya	Radio Jamahiriya	123 d	C	15.415		MH
Mali	China Radio Int.	29 d	C	7.170		MH
Mali	CRI	29 d	C	5.990		MH
Morocco	VOA, Relay	43 d	C	9.760	Also on 17.895 Khz	MH
Morocco	VOA, relay.	48 d	C	17.895		MH
Morocco	RTV Marocaine		C	15345	v/s, J.Tanane.	MH
Netherlands	R.Netherlands	31 d	C	9.895		MH
New Zealand	RNZI	16 d	C	17.675	QSL No. 2000 for me.	MH
New Zealand	RNZI	15 d	C	17.675		MH
Norway	Radio Norway	11 d	C	11.990	v/s, Marina Engen.	MH
Norway	Radio Denmark Relay	11 d	C			MH
P.R. China	CRI		C			MH
Pakistan	Radio Pakistan	94 d	L	11.570		MH
Philippines	VOA Relay	87 d	C	9.760		MH
Portugal	R.Diffusao Portugal	49 d	C	9570		MH
Portugal	Radio Diff.Portugal	39 d	C	17.600		MH
Portugal	Deutsche Welle	137-138d	C	13.720	v/s, Horst Schulz.	MH

Thanks to our Reporter: Mark Humenyk of Weston, Ontario, CANADA.

(continued in DX MAGAZINE 6/2000)