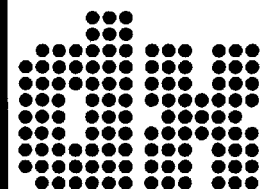


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WORLD WIDE DX CLUB



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

WORLD RADIO TV HANDBOOK 2004

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DX MAGAZINE No. 5

Vol. XXXIX

May 2004

Hello again,

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

Please note that a new A04 update for the **WORLD RADIO TV HANDBOOK 2004** is now available at: <http://www.wrth.com/WRTHA04WEB.pdf>. Over 200 A04 schedules are contained in this file. The file now includes a 'by frequency' listing at the end of the file which should facilitate station identification whilst band scanning.

"I have also set up my own website which will carry copies of this (and other) file(s) as well as other radio related information. It is in a constant state of change at the moment as I am adding new files etc. So please check in regularly. I am working on a page about digital modes in ham radio at the moment and how to identify them by their footprint on a waterfall. The address for my website is: <http://myweb.tiscali.co.uk/g4ucj>."

(Sean D. Gilbert, International Editor - WRTH)

Im April erschien im Siebel Verlag der neue Titel **Piratensender**. Auf 288 Seiten mit 384 Abbildungen erzählt der Autor Wolf-Dieter Roth ausgesprochen kurzweilig in diesem Buch die Geschichte der Piratensender (Seesender), Alpensender und der illegalen Rundfunkpiraten. Viele weitgehend unbekannte Zusammenhänge werden aufgedeckt, und der Leser erfährt so manche haarsträubende Tatsache, aber auch amüsante Anekdoten aus der wilden Radiozeit. Aufgelockert wird das Buch durch einen Vielzahl von sehenswerten Abbildungen aus der Geschichte des Rundfunks und der Piratensender.

Erhältlich ist das Buch vom vth-Bestellservice, Verlag für Technik und Handwerk GmbH, Postfach 2274, D-76492 Baden-Baden, Tel. 07221-5087-22, Fax 07221-5087-33, eMail service@vth.de oder im Buchhandel für € 13,90 (Best.-Nr. 413 0037, ISBN 3-88180-637-7).

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

NEWS ABOUT BROADCASTING (+other) STATIONS

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

ALASKA: *KNLS*, Anchor Point, Alaska - season schedule A04. Mailing address: Station *KNLS*, Anchor Point, AK 99556, USA. Fax: +615-371-8791 and email: KNLS@aol.com (for reception reports subject should be "reception report" without quotes). *KNLS* will provide only ONE QSL for each report, regardless the number of entries and doesn't NOT provide QSL's for other transmitter operators who may air World Christian Broadcasting programs. Only 200 special cards are awarded each season. Each card is individually numbered and features a full color photo of Alaska. To qualify, a report must include: The date and

time (UTC only) of the transmission, the frequency and as many program details as you can supply. At the web you will find KNLS at the URL <<http://www.knls.org>>. Seasonal schedule valid April 25, 2004 to July 24, 2004:

UTC	kHz	Language	1300	11870	English
0800	11765	English	1400	11870	Mandarin
0900	11765	Russian	1500	11870	Mandarin
1000	11765	Mandarin	1600	11765	Mandarin
1100	9795	Russian	1700	12105	Russian
1200	11765	Mandarin			

(KNLS schedule at the web modified on 29 March 2004, via JKB)

ALBANIA: According to the Web site of *China Radio International*, the morning mediumwave broadcast in English to Eastern Europe originally advertised for 1395 kHz is now on 1215 kHz. It was scheduled at 0700-0900 UTC, but may have moved to 0600-0800 UTC with the start of summer time in Europe. This transmission is via a relay station in Albania. (©RNMN March 29, 2004; via JKB)

AUSTRALIA: International Christian broadcaster *HCJB Australia*, has applied for approval to construct 31 additional radio masts at its shortwave transmitter site near Kununurra, in Western Australia. The station says the expansion would allow it to reach 60 per cent of the world's population. There was considerable local opposition to the construction of the site two years ago, but Station Manager Mike Moore told the Australian Broadcasting Corporation that he's confident attitudes have changed. "The facility we've done I believe we've done well," he said. "It's certainly not obtrusive and certainly hasn't caused any environmental problems." (©RNMN April 14, 2004; via JKB)

BAHRAIN: The *Maritime Liaison Office* (MARLO) in Bahrain has announced that Coalition maritime broadcasts began shortwave radio broadcasts on 15 April, disseminating "popular regional and international music" as well as information in Arabic, Farsi, Hindi, Pashtu, Urdu, and English. The information portions will advise listeners on ways of assisting Coalition Maritime Forces in identifying and reporting terrorist activity conducted at sea. The morning broadcast is at 0300-0800 UTC on 6125 kHz, and the evening broadcast at 1400-1900 UTC on 15500 kHz. One of two handbills pictured on the MARLO Web site mentions broadcasts on "Radio One", though it's not clear if this refers to shortwave. An E-mail message to the contact address on the MARLO Web site was returned as undeliverable. The mission of MARLO is to facilitate the exchange of information between the United States Navy and the commercial shipping community in the US Central Command's area of responsibility. MARLO operates as a conduit for information focused on safety of shipping and is committed to assisting the commercial shipping community. (©RNMN April 27, 2004; via JKB)

BELGIUM: Belgian French-language public broadcaster *RTBF* has this week completed the reorganisation of its radio services, which means that mediumwave listeners will have to get used to new identifications on some frequencies: RTBF's mediumwave services are now as follows:

621 kHz La Première
 1125 kHz VivaCité
 1233 kHz Pure FM
 1305 kHz Pure FM (©RNMN April 03, 2004; via JKB)

Antwerp commercial radio station *Maeva Radio* has been testing today at 1300-1500 UTC on 5975 kHz via Juelich, Germany. The station plans to test in the DRM mode in the future. An E-mail address of maevaradio@hotmail.com was given for reception reports. A different frequency, 6015 kHz, was mentioned for future tests. Both have been registered with the HFCC. The transmissions are organised through TDP Radio. ID was given by presenter Peter van Dam as "Maeva FM Internationaal". (©RNMN April 03, 2004; via JKB)

CANADA: *CBC* Radio Shortwave Frequencies:

Location	kHz	Program Source	Call Sign
St John's, NL	6160	Goose Bay Radio One	CKZN
Vancouver, BC	6160	Vancouver Radio One	CKZU
Northern Quebec	Shortwave Service		
Sackville, NB	9625	Montreal*	

*English [Radio One], French, Inuktitut & Cree (CBC web page 13. May 2004, via JKB)

CENTRAL AFRICAN REPUBLIC: Staff at *Radio Centrafrique*, the national broadcaster of the Central African Republic, are falling ill because of their awful working conditions. Radio Centrafrique reported on Tuesday that a presenter and technician had been rushed to hospital after being taken ill in the studio due to a broken-down air conditioner. Outdoor temperatures are currently around 28C (82F) and relative humidity of up to 91%. Radio Centrafrique is using equipment that's nearly 50 years old and highly unreliable, and the breakdown of the air conditioning is the last straw for its beleaguered staff, whose ingenuity and improvisation has kept the station on the air. That's despite the fact that their salary payments are many months in arrears. Radio Centrafrique's director, Delphine Zouta, has already warned that the station could be forced to stop broadcasting unless its dilapidated facilities are modernised. "It's a catastrophic scenario," she said. "We are moving towards elections [due in December 2004]. This is a delicate period. We ask the authorities to intervene in this situation so that national radio does not go off the air. People need this very important tool for this country's development." (©RNMN March 31, 2004; via JKB)

CHINA (Peoples Rep.): *CRI - China Radio International* broadcast times and frequencies for English language service (beginning Mar. 28th, 2004). Postal address: China Radio International, P.O.Box 4216, CRI-2, Beijing 100040, China RP. Web: <<http://www.cri.com.cn>>.

North America (East Coast)	2100-2200	5965, 9840, 7190, (Luxemburg)
2300-2400	6040	1440AM
0100-0200	9790,96	2200-2300 7170
0300-0400	9690	1600-1800 558AM, 92.9FM, 106.7FM
0400-0500	9755,96	East and South Africa
0500-0600	9560	1400-1600 13685, 15125
1100-1200	5960	1600-1800 7190, 9570
1300-1400	9755, 9570, 13675	1600-1800 7190, 9570
1400-1500	9755, 13675	2000-2100 11640, 13630
1300-1400	1120 AM#	2100-2130 11640, 13630
North America (West Coast)		West and North Africa
2300-2400	13680	1900-2000 9440, 9585, 7140
0100-0200	9790	2000-2100 9440, 7140
0300-0400	9790,97	South Asia
0400-0500	9560, 6190, 9755	1200-1300 1188*
0500-0600	9560, 6190	1400-1500 1422, 9565
1300-1400	13675	1500-1600 7160, 9785, 1323
1400-1500	13675, 17720	Southeast Asia
1500-1600	17720	1200-1300 1341, 9730, 11980, 684
Caribbean Sea		1300-1400 1341, 15180, 11980
2300-2400	5990	The South Pacific
Europe		0900-1100 15250, 17690
2000-2100	5965, 9840, 7190	1200-1300 9760, 11760, 15415
	(Lithuania) 1557	1300-1400 11760, 11900

One-hour program is relayed by WUST or New World Radio.

* Testing Frequencies. (CRI schedule on the web May 2004, via JKB)

Foreign broadcaster via CRI facilities:

RFI

0100-0157 French 15605B1

1100-1200 French 11600B1

1200-1257 Khmer 11600X1

1300-1357 French 684 (Dongfang, Hainandao Island)

1400-1457 English 7180XI

1500-1557 Vietnamese 1296K

1600-1657 French 6090K1 1296K

REE

1000-1157 Spanish 9660B1

1200-1357 Spanish 11910X1

VOR

1200-1300 Vietnamese 603 (Guangdong)

1300-1400 Hindi 1269K

1400-1500 English 1269K

1500-1557 English 11500X1

1700-1757 English 1269K

RCI effective March 28th to October 30th, 2004

0000-0057 English 15205X1

0200-0257 English 17860X1 15510X1

1500-1557 English 17720X1 15455X1 (Nagoya DXers Circle via BC-DX #664, 2004 Mar 30)

CUBA: *Radio Habana Cuba* external A04 schedule. QTH: R. Habana Cuba, Apartado 6240, La Habana 6, Cuba. Web: <<http://www.radiohc.cu>>.

<u>Target</u>	<u>KHz</u>	<u>UTC</u>			
			Caribe	9505	2030-2130
<u>Spanish:</u>				9550	2300-2400
Caracas	11800	1100-1500		9550	0500-0700
Nueva York	11760	1100-1500		9655	2400-0200
N/C/S América	6000	1100-1500	New York	11760	0500-0700
Caribe	9550	1100-1500	New York	11760	2030-2130
Buenos Aires	15230	1100-1500	<u>French:</u>		
Europa(Roma)	15120	2100-2300	Caribe	9505	2200-2230
América Del Sur	15230	2100-2300		9550	0000:0100
Caribe	9550	2100-2300	Caribe	9550	0130-0200
Caracas	9600	0000-0500	New York	11760	2000-2030
Nueva York	11760	0100-0500		11760	2130-2200
México	5965	0000-0500	<u>Portuguese:</u>		
Buenos Aires	15230	0000-0500	Europa	15120	2000-2030
Chicago	9820	0000-0100	Brasil	17705	2200-2230
Washington (only summer)	6000	0000-0100		17705	2300-2330
Caribe	9550	0200-0500		15230	2300-2400
Chile	11875	0300-0500	<u>Guaraní:</u>		
Mesa Redonda Informativa (Monday to Friday):			Sudamerica	17705	2230-2300
Washington	6000	2300-0100	Sudamerica	17705	2330-2400
Nueva York	11875	2300-0100	<u>Quechua:</u>		
"A Lo Presidente" (Programa Dominical Del Presidente De Venezuela, Hijo Chávez Frías):			Sudamerica	17705	0000-0030
C América	13680	1400	Caribe	9505	2130-2200
Antillas	11670	1400		9505	2230-2300
Río De Janeiro	17750	1400	Caribe	9550	0100-0130
Chile	11875	1400	<u>Esperanto:</u>		
Estados Unidos	13750	1400	San Francisco	9820	0700-0730
<u>English:</u>			Nueva York	11760	1500-1530
Chicago	9820	0100-0500	Nueva York	11760	1930-2000
Washington	6000	0100-0500	Caracas	9600	2330-2400
San Francisco	9820	0500-0700	America Central	9505	2330-2400
			<u>Arabic:</u>		
			Europa	15120	2030-2100

(RHC schedule on the web last modified 27 March 2004, via JKB)

CZECH REPUBLIC: Parliamentary media committee supports Radio Slovakia International. Members of Slovakia's parliamentary Media Committee have rejected plans to cancel the shortwave broadcasts of Radio Slovakia International (RSI) for financial reasons. "I will speak to ministers and try to bring arguments explaining the importance of sustaining

shortwave broadcasting of Radio Slovakia International", said Slovak Radio director general Jaroslav Reznik after the Parliamentary Media Committee decided not to cancel the shortwave broadcasts as of July 1. MPs on the Media Committee are now asking the Culture and Finance Ministers to secure financing for RSI. According to the director of the Slovak Radio, shortwave broadcasting is the most effective way to promote Slovakia abroad. The vice chairman of the Media Committee described the possible cancellation of the international service as absurd during the time of Slovakia's EU entry. Last year, RSI received over 71 million Crowns, including 46 million allocated for the shortwave transmissions. But Slovak Radio no longer has its own budgetary chapter, which used to include a specific funding allocation for Radio Slovakia International. Under a new law, RSI is now supposed to be financed by a state order. RSI claims a worldwide audience of 150,000. The station says that if it stopped its international broadcasts on shortwaves, there would be about 20,000 left to listen via the Internet and satellite receivers. (©RNMN May 01, 2004; via JKB)

DENMARK: Stig Hartvig Nielsen of *World Music Radio* (WMR) tells us that the 10 kW shortwave transmitter he ordered has finally arrived in Denmark, and is currently on the dockside in Copenhagen. It's hoped that test transmissions on shortwave can now begin in a matter of weeks. Two frequencies, 5815 and 15810 kHz, have been registered. Besides shortwave, WMR will also be available worldwide via the Internet and locally in Denmark on FM. (©RNMN April 12, 2004; via JKB)

WMR first went on the air on shortwave in 1967 from The Netherlands, and broadcast without a licence until August 1973. Later, Stichting World Music Radio was established as a legal Dutch foundation, and between 1976 and 1989 WMR purchased airtime on a number of European shortwave stations including Radio Andorra, Radio Milano International and Radio Dublin. WMR moved its headquarters to Denmark, and came back on the air between May 31st and August 24th 1997 from the Meyerton shortwave site in South Africa. (JKB)

GERMANY: We would like to inform you that a new broadcast service *Bible Christian Association (BCA)* started its transmissions on short-wave on a regular weekly in Polish language. Regarding to the BCA broadcasting service, please find attached the following technical data, commencing from Sunday, 12. April 2004: Sundays only, 15:30 - 16:00 UTC, using 6.055 MHz on high gain antenna system to EEUR, SEEUR, azimuth 70 degrees. Your reception reports would be highly appreciated. (Weyl - T-Systems Regional Media Broadcast Cologne, via WWDXC-HQ; April 14, 2004)

Schedule A04 of *Deutsche Welle - DW*, valid 28 March to 31 October 2004.

LANGUAGE	START/END	KHZ	POW	STATION	AZI	TARGET					
BOSNIAN	1200-1230	09770	500	WERTACHTAL	135	EUR					
BOSNIAN	1600-1615	07185	500	WERTACHTAL	120	EUR					
BOSNIAN	1600-1615	17835	250	SINES	075	EUR					
BULGARIAN	0400-0430	07190	500	NAUEN	135	EUR					
BULGARIAN	0500-0530	07190	500	NAUEN	135	EUR					
BULGARIAN	0930-1000	11970	500	NAUEN	135	EUR					
BULGARIAN	1130-1200	09770	500	WERTACHTAL	120	SOFIA					
CHINESE	1030-1055	15190	100	KRANJI	013	FE					
CHINESE	1030-1055	15350	250	VLADIVOST.	230	FE					
CHINESE	1030-1055	15490	250	TRINCOMALE	005	FE					
CHINESE	1030-1055	17820	250	TRINCOMALE	045	FE					
CHINESE	1300-1350	07305	500	IRKUTSK	152	FE					
CHINESE	1300-1350	15355	250	TRINCOMALE	005	FE					
CHINESE	1300-1350	15445	100	KRANJI	013	FE					
CHINESE	1300-1350	17820	500	WERTACHTAL	075	FE					
CHINESE	2300-2350	06175	250	TRINCOMALE	015	FE					
CHINESE	2300-2350	09570	500	ALMA ATA	094	FE					
CHINESE	2300-2350	09610	250	TRINCOMALE	045	FE					
CHINESE	2300-2350	09690	250	IRKUTSK	110	FE					
CROATIAN	0800-0815	07190	500	WERTACHTAL	120	EUR					
CROATIAN	1230-1300	07170	500	WERTACHTAL	120	EUR					
CROATIAN	1400-1415	07170	500	WERTACHTAL	120	EUR					
DARI	0800-0815	15525	250	SAMARA	140	ME					
DARI	0800-0815	17485	500	WERTACHTAL	090	ME					
DARI	0800-0815	17705	250	TRINCOMALE	335	ME					
DARI	1330-1400	15595	250	KRASNODAR	110	ME					
DARI	1330-1400	21820	250	SINES	065	ME					
DARI	1730-1745	00801	999	DUSHANBE	OND	ME					
DARI	1730-1745	09825	250	KRASNODAR	110	SAS					
DARI	1730-1745	13755	250	TRINCOMALE	335	SAS					
DARI	1730-1745	15360	500	NAUEN	095	ME					
ENGLISH	0000-0100	01548	400	TRINCOMALE	035	SAS					
ENGLISH	0000-0059	07130	250	TRINCOMALE	345	SAS					
ENGLISH	0000-0059	09505	250	TRINCOMALE	015	SAS					

GERMAN	2200-0000	17860	250	KIGALI	295	N/CAM	RUSSIAN	1400-1500	01188	010	ST.PETERB.	OND	PETERSBG
HAUSA	0630-0700	11925	250	SINES	150	WAF	RUSSIAN	1400-1500	11915	500	WERTACHTAL	075	CIS
HAUSA	0630-0700	15470	500	WERTACHTAL	180	WAF	RUSSIAN	1400-1500	13840	500	WERTACHTAL	045	CIS
HAUSA	1300-1350	15410	250	KIGALI	295	AF	RUSSIAN	1400-1458	15425	500	WERTACHTAL	060	CIS
HAUSA	1300-1350	17770	500	WERTACHTAL	180	AF	RUSSIAN	1500-1600	00693	010	MOSKVA	OND	MOSKAU
HAUSA	1300-1350	17800	250	KIGALI	310	AF	RUSSIAN	1500-1600	00999	500	GRIGORIOPO	OND	CIS
HAUSA	1300-1350	21665	250	KIGALI	295	AF	RUSSIAN	1500-1600	01188	010	ST.PETERB.	OND	PETERSBG
HAUSA	1800-1857	11965	250	KIGALI	295	WAF	RUSSIAN	1500-1600	11915	500	WERTACHTAL	075	CIS
HAUSA	1800-1900	13590	500	WERTACHTAL	195	WAF	RUSSIAN	1500-1559	13840	500	WERTACHTAL	045	CIS
HAUSA	1800-1900	15390	500	WERTACHTAL	180	WAF	RUSSIAN	1500-1600	15425	500	WERTACHTAL	075	CIS
HINDI	1515-1600	01548	400	TRINCOMALE	035	SAS	RUSSIAN	1600-1700	00693	010	MOSKVA	OND	MOSKAU
HINDI	1515-1600	06170	250	TRINCOMALE	015	SAS	RUSSIAN	1600-1700	01188	010	ST.PETERB.	OND	PETERSBG
HINDI	1515-1600	07225	250	TRINCOMALE	345	SAS	RUSSIAN	1600-1700	09715	500	NAUEN	065	CIS
HINDI	1515-1600	17595	500	WERTACHTAL	090	SAS	RUSSIAN	1600-1700	11915	500	WERTACHTAL	075	CIS
INDONESIAN	1200-1250	15105	250	TRINCOMALE	105	SEAS	RUSSIAN	1600-1700	15425	500	WERTACHTAL	075	CIS
INDONESIAN	1200-1250	17820	250	TRINCOMALE	120	SEAS	RUSSIAN	1700-1800	00693	010	MOSKVA	OND	MOSKAU
INDONESIAN	1200-1250	21820	250	DHABAYYA	105	SEAS	RUSSIAN	1700-1800	01188	010	ST.PETERB.	OND	PETERSBG
INDONESIAN	2200-2250	06000	250	TRINCOMALE	120	SEAS	RUSSIAN	1700-1757	09715	500	NAUEN	065	CIS
INDONESIAN	2200-2250	09670	250	TRINCOMALE	105	SEAS	RUSSIAN	1700-1759	11915	250	TRINCOMALE	345	CIS
INDONESIAN	2200-2250	09815	250	KIGALI	085	SEAS	RUSSIAN	1700-1759	15425	500	WERTACHTAL	075	CIS
MACEDONIAN	0630-0645	00810	100	OVEC POLE	OND	EUR	RUSSIAN	1800-1900	00693	010	MOSKVA	OND	MOSKAU
MACEDONIAN	0630-0645	07190	500	WERTACHTAL	135	EUR	RUSSIAN	1800-1900	00999	500	GRIGORIOPO	OND	CIS
MACEDONIAN	0900-0930	00810	100	OVEC POLE	OND	EUR	RUSSIAN	1800-1900	01188	010	ST.PETERB.	OND	PETERSBG
MACEDONIAN	0900-0930	09770	500	WERTACHTAL	120	EUR	RUSSIAN	1800-1900	05955	500	NAUEN	065	CIS
MACEDONIAN	1300-1330	07170	500	WERTACHTAL	120	EUR	RUSSIAN	1800-1900	09715	500	WERTACHTAL	075	CIS
MACEDONIAN	1530-1545	00810	100	OVEC POLE	OND	EUR	RUSSIAN	1800-1900	09715	500	WERTACHTAL	045	CIS
MACEDONIAN	1530-1545	09605	500	WERTACHTAL	135	EUR	RUSSIAN	1800-1900	09885	250	TRINCOMALE	345	CIS
PASHTO	0815-0830	15525	250	SAMARA	140	ME	RUSSIAN	1900-2000	00693	010	MOSKVA	OND	MOSKAU
PASHTO	0815-0830	17485	500	WERTACHTAL	090	ME	RUSSIAN	1900-2000	01188	010	ST.PETERB.	OND	PETERSBG
PASHTO	0815-0830	17705	250	TRINCOMALE	335	ME	RUSSIAN	1900-2000	05955	500	NAUEN	065	CIS
PASHTO	1400-1420	15595	250	KRASNODAR	110	ME	RUSSIAN	1900-1959	09715	500	WERTACHTAL	075	CIS
PASHTO	1400-1420	21820	250	SINES	065	ME	RUSSIAN	1900-1959	09715	500	WERTACHTAL	045	CIS
PASHTO	1745-1800	00801	999	DUSHANBE	OND	ME	RUSSIAN	1900-1959	09885	250	TRINCOMALE	345	CIS
PASHTO	1745-1800	09825	250	KRASNODAR	110	SAS	SERBIAN	0615-0630	07190	500	WERTACHTAL	135	EUR
PASHTO	1745-1800	13755	250	TRINCOMALE	335	SAS	SERBIAN	0615-0630	09750	500	NAUEN	150	EUR
PASHTO	1745-1800	15360	500	NAUEN	095	ME	SERBIAN	0930-1000	00810	100	OVEC POLE	OND	EUR
PERSIAN	0900-0930	15230	500	WERTACHTAL	105	ME	SERBIAN	0930-1000	07190	500	WERTACHTAL	120	EUR
PERSIAN	0900-0930	15605	200	KRASNODAR	128	ME	SERBIAN	0930-1000	09770	500	WERTACHTAL	120	EUR
PERSIAN	1230-1300	15245	500	WERTACHTAL	105	ME	SERBIAN	1330-1400	07170	500	WERTACHTAL	120	EUR
PERSIAN	1230-1300	17545	200	KRASNODAR	128	ME	SERBIAN	1330-1400	09770	500	NAUEN	150	EUR
PERSIAN	1800-1900	07230	200	KRASNODAR	132	ME	SERBIAN	2000-2015	01458	500	FLLAKA	004	EUR
PERSIAN	1800-1857	17820	250	KIGALI	030	ME	SERBIAN	2000-2015	06130	500	WERTACHTAL	120	EUR
POLISH	1200-1230	05925	500	WERTACHTAL	045	EUR	SERBIAN	2000-2015	13750	250	SINES	065	EUR
POLISH	1200-1230	07130	500	WERTACHTAL	045	EUR	SWAHILI	0300-0400	06180	250	KIGALI	180	AF
POLISH	1630-1700	15595	250	SINES	040	EUR	SWAHILI	0300-0400	07225	250	KIGALI	OND	AF
PORTUGUESE	0515-0545	09565	250	KIGALI	210	AF	SWAHILI	0300-0400	09475	500	WERTACHTAL	150	AF
PORTUGUESE	0515-0545	15520	500	WERTACHTAL	165	AF	SWAHILI	0300-0400	09535	500	NAUEN	170	AF
PORTUGUESE	2000-2050	09875	250	KIGALI	210	AF	SWAHILI	1000-1050	09565	250	KIGALI	OND	AF
PORTUGUESE	2000-2050	11870	250	TRINCOMALE	240	AF	SWAHILI	1000-1050	13790	250	KIGALI	265	AF
PORTUGUESE	2000-2050	15275	500	WERTACHTAL	165	AF	SWAHILI	1000-1050	15410	250	KIGALI	180	AF
ROMANES	1030-1100	15275	500	WERTACHTAL	105	SEUR/ME	SWAHILI	1000-1050	21780	500	WERTACHTAL	150	AF
ROMANES	1030-1100	17765	500	WERTACHTAL	105	SEUR/ME	SWAHILI	1500-1600	09735	250	KIGALI	OND	AF
ROMANIAN	1000-1200	11970	500	NAUEN	135	EUR	SWAHILI	1500-1557	11665	250	KIGALI	180	AF
RUSSIAN	0000-0100	11895	200	VLADIVOST.	320	CIS	SWAHILI	1500-1600	21840	500	NAUEN	165	AF
RUSSIAN	0000-0100	12070	250	PETROPAVL.	263	CIS	TURKISH	0530-0600	11865	500	WERTACHTAL	105	SEUR/ME
RUSSIAN	0000-0059	13690	250	TRINCOMALE	015	CIS	TURKISH	0530-0600	15215	500	WERTACHTAL	105	SEUR/ME
RUSSIAN	0100-0200	07105	500	WERTACHTAL	075	CIS	TURKISH	1030-1100	15275	500	WERTACHTAL	105	SEUR/ME
RUSSIAN	0100-0159	13720	250	TRINCOMALE	345	CIS	TURKISH	1030-1100	17765	500	WERTACHTAL	105	SEUR/ME
RUSSIAN	0200-0300	17800	250	TRINCOMALE	345	ZAS	TURKISH	1430-1457	13740	500	NAUEN	128	SEUR/ME
RUSSIAN	0300-0400	00693	010	MOSKVA	OND	MOSKAU	TURKISH	1430-1500	17610	500	WERTACHTAL	105	SEUR/ME
RUSSIAN	0300-0400	01188	010	ST.PETERB.	OND	PETERSBG	UKRAINIAN	0430-0500	00999	500	GRIGORIOPO	OND	CIS
RUSSIAN	0300-0400	07105	500	WERTACHTAL	075	CIS	UKRAINIAN	0430-0500	05910	500	WERTACHTAL	075	CIS
RUSSIAN	0300-0400	09545	500	WERTACHTAL	075	CIS	UKRAINIAN	0430-0500	09780	500	WERTACHTAL	075	CIS
RUSSIAN	0300-0400	17800	250	TRINCOMALE	345	ZAS	URDU	1430-1515	01548	400	TRINCOMALE	035	SAS
RUSSIAN	0400-0500	09545	500	WERTACHTAL	045	CIS	URDU	1430-1514	15470	250	TRINCOMALE	335	SAS
RUSSIAN	0400-0500	11655	500	WERTACHTAL	075	CIS	URDU	1430-1515	17595	500	WERTACHTAL	090	SAS
RUSSIAN	0500-0530	00999	500	GRIGORIOPO	OND	CIS	URDU	1700-1730	09825	250	KRASNODAR	110	SAS
RUSSIAN	0500-0530	09545	500	WERTACHTAL	045	CIS	URDU	1700-1730	13755	250	TRINCOMALE	335	SAS
RUSSIAN	0500-0530	11655	500	WERTACHTAL	075	CIS	URDU	1700-1730	15360	500	NAUEN	095	ME
RUSSIAN	1400-1500	00693	010	MOSKVA	OND	MOSKAU							

(via Andreas Volk-D, ADDX March 11)

HUNGARY: Radio Budapest new A04 schedule.

English to Eu	1500-1528 Sun	6025	9715		
	1900-1928 Daily	3975	6025	11720	
	2100-2128 Daily	6025			
English to SoAf	2100-2128 Daily	11830*	>>>>*	ex 11890	for A-03
English to NoAm	0100-0128 Daily	9590			
	0230-0258 Daily	9790*	>>>>*	ex 9570	for A-03
German to Eu	1200-1258 Sun	6025	7220		
	1400-1458 Sun	6025	7160		

	1700-1758 Sun	3975*	6025	>>>>*	ex 5970 for A-03
	1730-1758 Mon-Sat	3975	6025		
	1930-1958 Mon-Sat	3975	6025		
French to Eu	1600-1628 Daily	3975	6025		
	2000-2028 Daily	6025	9585*	>>>>*	ex 7185 for A-03
Hungarian to Eu	0400-1058 Sun	6025	(relay Kossuth R)		
	0400-1558 Mon-Sat	6025	(relay Kossuth R)		
	1100-1158 Sun	6025			
	1300-1358 Sun	6025			
	1800-1858 Daily	3975	6025	7235*	>>>>* ex 7170 for A03
	2200-2258 Daily	6025			
Hungarian to NoAm	0000-0058 Daily	9800			
	0130-0228 Daily	9570			
	2000-2058 Daily	15185*	>>>>*	ex 11890 for A-03	
Hungarian to SoAm	2200-2258 Daily	9850	11990		
	2300-2358 Mon	9850	11990		
Hungarian to AUS	1100-1158 Daily	21560			
	2100-2158 Daily	9780			
Hungarian to SoAf	1700-1758 Daily	15335*	>>>>*	ex 15275 for A-03	
Italian to Eu	1630-1658 Daily	6025	9525		
	2030-2058 Daily	3975	6025		
Russian to Eu	0300-0328 Daily	3975	6025		
	1530-1558 Sun	6025	9740		
	1700-1728 Mon-Sat	6025	9650		
	1930-1958 Sun	3975	6025		
Spanish to Eu	0330-0358 Daily	3975	6025		
	2130-2158 Daily	6025	11830*	>>>>*	ex 11685 for A-03

(I. Ivanov and A. Datzinov in OBSERVER #305 via WB, 2004-04-01)

IRAN: Islamic Republic of Iran Broadcasting (*IRIB*) continues its policy of phasing out shortwave broadcasts to some parts of the world, while expanding international TV broadcasting in foreign languages. Some services, such as German, have left shortwave completely, while English shortwave broadcasts are now beamed only to Africa and Asia. The broadcasts at 2130-2230, 0130-0230 and 0230-0330 UTC are via Internet only. Iran's international television service Sahar TV now features news and streaming video on its Website in English, Arabic, Bosnian, French, Azari, Kurdish, Russian and Urdu. Sahar TV broadcasts on the Hotbird satellite at 13E, 12.437 GHz H, SR 27500, FEC 3/4. The foreign language radio programmes of IRIB are also available on this transponder. (©RNMN April 06, 2004; via JKB)

ITALY: Updated A04 schedule for *IRRS-Shortwave*, effective 28 March, 2004 - 31 October, 2004. IRRS-Shortwave transmitter is located at Milano, Italy 09° 11' East and 45° 27' North. Transmission Mode is A3A = USB -6 dB reduced carrier AM compatible in the target area, use USB or sync detector for DX reception outside target area. A3 = conventional Double Side Band (DSB) AM. Address: IRRS-Shortwave, PO BOX 10980, I-20110 Milano, Italy. Fax: +39-02-70638151 and email: info@nexus.org

kHzUTC	Day	ITU Zones	PWR / Mode	Az.	Language
13840	0700-1200	Sat & Sun	18-19, 27-30, 37-39	20 kW A3	nd English
5775	1900-2030	daily (*)	18-19, 27-30, 37-39	20 kW A3*	nd English, German, Italian
5775	1900-2030	Friday	18-19, 27-30, 37-39	100 kW A3**	nd English, German, Italian
15665	1100-1200	Friday	18-19, 27-30, 37-38, 46	100 kW A3	Spanish,

Arabic

A3 = conventional Double Side Band (DSB) AM

(*) On Fridays 100 kW.

(**) Occasionally extended on Fridays until 2400 CET (2200 UTC, summertime) with 100 kW. (IRRS schedule at the web last update on 3 April, 2004, via JKB)

ISRAEL: Mike Brand reports that today's edition of the Hebrew Newspaper Yediot Achronot says the *Voice of Israel's* overseas broadcasts on shortwave will cease in the near future. The paper says that in the framework of the Israel Broadcasting Authority's financial cuts, it was decided to relay the broadcasts through the Internet only. This

will create a saving of around about 20 million Shekels (just under \$4,500,000) a year.
(©RNMN April 18, 2004; via JKB)

KOL ISRAEL A04 overseas service schedule (Network in brackets), valid until October 30, 2004. Postal address: KOL, Israel Radio International, PO Box 1082, Jerusalem 91010, Israel. Fax: +972-2-302327. KOL website: <<http://www.israelradio.org>> and for correspondence regarding reception problems send to: Raphael Kochanowski, Director of Engineering Liaison and Coordination (email to <raphaelk@iba.org.il>).

<u>Language (Network)</u>	<u>UTC</u>	<u>kHz</u>	<u>Main Target Area</u>
Hebrew	0400-1800	15760	Europe + N. America
Reshet Bet - Second Network	1800-0400	11585	
Incl. TV news Channel 1	1800-0400	15760#	
at 1800-1848	0330-0500	11590	
	0500-1000	17535	
	1030-1400	17535	
	2000-2400	13635	
	0000-0330	11585	
Arabic (Reshet Dalet - Fourth Network)	0245-2210	5915	Middle East
English (Alef)	0400-0415	9435	Europe + N. America
		15640#	
		11590	
		17600	Australasia and S. America
	1010-1020	15640	Europe + N. America
		17535	
	1700-1715	15640	Europe + N. America
		17535	
(Hei)	1900-1925	17535	Europe + N. America
		15640#	
		11605	
		15615	Africa
French (Alef)	0415-0430	11590	Europe + N. America
		11605	
		15640#	
		9435	
	1000-1010	15640	Europe + N. America
		17535	
(Hei)	1530-1545	15640	Europe + N. America
		17535	
	1930-1945	17535	Europe + N. America
		11605	
		15615	S. Europe, N. Africa + C. America
Spanish (Alef)	1020-1030	15640	Europe + N. America
		17535	
(Hei)	1945-2000	17535	Europe + N. America
		11605	
		15615	S. Europe + Latin America
Spanish & Ladino (Sat only)	1500-1525	17535	Europe + N. America
(Hei)		15640	Spain + Latin America
Ladino	1545-1555	15640	Europe + N. America
(Hei)		17535	
Russian (REQA+Hei)	1730-1900	11605	Russia
		15640#	
		17535	
		9435	
Persian (Hei)	1400-1525*	15640	Iran ~
	1400-1500**	15640	
		17525	
		17535	Europe + N. America
Yiddish (REQA + Hei)	1600-1625	11605	Europe
		17535	
Hungarian	1645-1700	11605	Central Europe

(Hei) 17535
 Romanian 1625-1645 11605 Romania
 (Hei) 17535
 + In use March 28 April 30 and Sept 1 Oct 30
 # In use May 1 August 31
 ~ Reserve frequencies 11605; 13850 kHz
 * Sun-Thur / ** Fri-Sat and holidays
 (IBA web site last modified on 27. March 2004, via JKB)

LITHUANIA: The language segments for the new *China Radio International* (CRI) relays via Lithuania on 1386 kHz starting 17 April have been defined. The Czech program will start at 1902; the 500kW transmitter in Sitkunai is used by Lietuvos radijas on 666 until 1900 and it needs 2 minutes to re-tune it to 1386. The CRI schedule from 17 April will be:

Sitkunai 1386 kHz 500 kW ND
 1902-2000 CRI Czech
 2000-2100 CRI English
 2100-2200 CRI German
 Sitkunai 1557 kHz 150 kW ND
 1800-2000 CRI Russian
 2000-2030 CRI Polish
 2030-2100 CRI English
 2100-2200 CRI Chinese

(Source: Bernd Trutenau-LTU via Medium Wave Circle via ©RNMN April 13, 2004; via JKB)

LUXEMBOURG: Broadcasting Center Europe (BCE) has started a second DRM service on shortwave. In addition to its existing transmissions on 6095 kHz, RTL DRM 2 is now broadcasting from Junglinster, Luxembourg (G.C: 49.43N 06.15E) at 0600-2400 UTC on 5990 kHz. Beam is ND to Europe, and power is 50 kW RMS. BCE is currently working on a new transmitter control interface, so service interruptions may occur without notice. There has not yet been any decision what programme will be attributed to which frequency, so a rotating programme scheme will be adopted for the next weeks. Transmissions on 6095 kHz are daily, and there will be no fixed maintenance day on 6095 kHz in the future. (©RNMN March 29, 2004; via JKB)

MISCELLANEOUS: ARRL, the organisation representing radio amateurs in the United States, has produced a two-page document that discusses Broadband over Power Line (BPL) in lay terms. "Broadband over Power Line: Why Amateur Radio is Concerned about its Deployment" is available for reprinting and use as a handout when, for example, dealing with members of Congress, municipal officials, power utilities and the news media. While emphasizing that hams do not oppose broadband services per se and tend to be "early adopters" of new technology, the information sheet outlines Amateur Radio's concern about BPL's potential to create interference. Other broadband delivery methods "do not pollute the radio spectrum as BPL does," the paper states. It also defines BPL, outlines its current deployment status, discusses FCC regulations already in place and explains that BPL's interference potential is real, not just theoretical. Finally, it lists "Others at risk," including shortwave listeners, public safety agencies and federal government radio systems. (Source: The ARRL Letter Vol. 23, No. 14 April 2, 2004 via ©RNMN via JKB)

NEW ZEALAND: Radio New Zealand (RNZ) hopes to establish its own text-based news website within six months, and is seeking Government financing to add audio-on-demand. A parliamentary select committee says the audio-on-demand facility would cost \$259,000 to set up and \$360,000 a year to run. At the moment, RNZ publishes some text and audio material through arrangements with commercial Web sites. RNZ Chief Executive Peter Cavanagh says the broadcaster wants to provide the same level of service that public broadcasters in other parts of the world already offer. He doesn't think an RNZ news site will have a significant impact on existing commercial sites. "I would expect that we will simply become one of a number of sources people turn to on a regular basis," he says. There are no plans to accept online advertisements, and RNZ will rely entirely on

government funding. The revamped website will include content from Radio NZ and Pacific Island news from Radio New Zealand International, which already includes news on its own Website. (©RNMN April 11, 2004; via JKB)

Changes of *Radio New Zealand International - RNZI* schedule valid 28 March - 30 October 2004. Address: P.O.Box 123, Wellington, New Zealand. Fax: 00 64 4 474 1433 and e-mail address is <info@rnzi.com>. Reception reports by e-mail or post are welcome and at the web <<http://www.rnzi.com/pages/contact.htm>> RNZI has provided forms of reception reports for e-mail (Netscape users only) and postal mail. Please do not send cassettes. All DX reception reports must contain detailed programme information for verification purposes and be accompanied by two International Reply Coupons (IRC) or \$US 2 if a QSL is sought. E-mail reports will be verified by e-mail only.

UTC	kHz	Primary Target	Az.	Days
0459-0705	9615	All Pacific	0	Daily
0706-1059	9885	All Pacific	0	Daily
1100-1259	9885	NW Pacific, Bougainville, Timor, Asia	325	Daily
1300-1650	6095	All Pacific	0	Daily
1650-1850	6095	NE Pacific, Fiji, Samoa, Cook Islands	35	Daily
1851-1950	9845	All Pacific	0	Daily
1951-2050	11725	All Pacific	0	Daily
2051-0458	15720	All Pacific	0	Daily

From 1105 -1305 UTC our programme is directed to the North Western Pacific and Asia for NZ Forces serving overseas.

(RNZI schedule at the web, April 2004, via JKB)

NIGERIA: The Nigerian government has banned broadcasters in Nigeria from transmitting live news broadcasts from foreign stations. The decision was announced at a press conference yesterday by the head of the regulatory agency, the National Broadcasting Commission (NBC), Sila Yisa. The ban, which takes effect tomorrow, is necessary because it is "a professional aberration" for a local station to relay live any news item over which it has no editorial control, said Yisa. Such live broadcasts also pose a danger to Nigeria's national interests, he said. "Any terrestrial broadcast station in Nigeria that conducts a live relay of news or news programmes of a foreign station will be sanctioned according to the prescription of the NBC code," Yisa said. Foreign news and related programmes will in future only be allowed on local radio and television stations after the scripts have been re-written and voiced locally, he continued. (©RNMN March 31, 2004; via JKB)

ROMANIA: A04 schedule of *Radio Romania International - RRI*, homepage at the internet is <<http://www.rrr.ro>> and postal address is: Radio Romania International, PO Box 111, Bucharest.

ARABIC	0730-0756	11875	15340	15370	17720	
	1500-1556	11970	15260	15305	17860	>> new time,x1430-1456
AROMANIAN	1600-1626	7135				>> new time,x1630-1656
	1800-1826	7145				>> additional txion
	2000-2026	7145				
CHINESE	0500-0526	15445	17740			
	1400-1426	15380	17810			
ENGLISH	0100-0156	9690	11940	15430	17760	
	0400-0456	11820	15140	15235	17860	>> new time,x0300-0356
	0700-0726	11830	15150			
	1300-1356	11830	15105			
	1800-1856	11940	15380			>> new time,x1730-1756
	2130-2156	7285	9725	15285	17735	>> new time,x2030-2056
FRENCH	2300-2356	7280	9590	9645	11940	
	0200-0256	9715	11940			>> new time,x0400-0456
	0600-0626	9655	9690	11840	11875	
	1100-1156	11830	15250	15380	17740	
	1700-1726	11765	15170			
	2100-2126	7130	9585	till May 1 and from Sep 5		
2100-2126	7230	9585	from May 2 to Sep 4			

GERMAN 0630-0656 9655 9690 11840 11875
 1200-1256 11775 15270
 1900-1956 7145 9625 9760 11940 >> new time,x1600-1656
 ITALIAN 1630-1656 11970 >> new time,x1700-1726
 1830-1856 11695 >> addit txion
 2030-2056 9580 >> new time,x2000-2026
 ROMANIAN 0200-0256 7175 9620 >> additional txion
 0800-0856 11830 15270 15370 17805 >> Sunday only
 0900-0956 15430 15450 17740 17855 >> Sunday only
 1000-1056 11830 15250 15380 17740 >> Sunday only
 1200-1256 9760 11830 >> addit txion
 1400-1456 9760 11830 >> new time,x1300-1356
 1600-1656 9690 11960 >> new time,x1500-1556
 1700-1756 9530 11865 >> new time,x1730-1756
 1800-1856 9755 11765
 RUSSIAN 0530-0556 9590 11875
 1430-1456 9740 11855 >> new time,x1500-1526
 1600-1656 7210 9680 >> new time,x1800-1826
 SERBIAN 1530-1556 7165
 1730-1756 7240 >> addit txion
 1930-1956 7295 >> new time,x1900-1926
 SPANISH 0000-0056 9575 9760 11935 11965 >> addit txion
 0300-0356 9550 9775 11725 11970 >> new time,x0200-0256
 2000-2056 11940 15465 >> new time,x1900-1956
 2200-2256 11965 15255 >> new time,x2100-2156
 UKRAINIAN 1500-1526 7210 >> new time,x1530-1556
 1700-1726 7240 >> addit txion
 1900-1926 7230 >> new time,x1830-1856
 CANCELLED LANGUAGES: Bulgarian; Greek; Hungarian; Portuguese; Turkish.
 (OBSERVER via BC-DX #663, 2004 March 23)

SAUDI ARABIA: *Broadcasting Service of the Kingdom of Saudi Arabia - BSKSA*
 complete schedule for A04 season. Address of Technical/Frequency management: PO Box 61718,
 Riyadh. Fax: +966-1-404-1692.

1st Main px

0600-0855 Arabic NF 17730, ex 21505

NF 17740, ex 21705

0900-1155 Arabic NF 17805, ex 21505

NF 17825 not active \\ 21705 unregistered

1200-1455 Arabic NF 21640* ex 21705 \\ 21505

* co-ch BBC 1200-1245 in French; 1345-1415 in Hausa and DW till 1355 in Ge
 Holy Koran

0300-0555 Arabic NF 17895, ex 21495

1300-1555 Arabic NF 21460, ex 17745

1800-2255 Arabic NF 11740& ex 15230

& co-ch RFA Manadrin Chinese till 2200 and Chinese mx jammer

External sces

0400-0455 Somali NF 15470, ex 17760

0500-0555 Swahili NF 15470, ex 17760

0800-0955 French NF 17785, ex 21600

1600-1655 Pashto NF 9525# ex 9810

co-ch Radio Budapest in Italian from 1630 (OBSERVER #306, via WB; 2004-04-08)

SOUTH AFRICA: *Channel Africa* Shortwave Transmissions A04, 28 March 2004 to 30
 October 2004:

TIME UTC	kHz	TARGET AREA	LANGUAGE
MORNING PROGRAMMES			
0300-0355	3965	East & Central Africa	Swahili
0300-0355	6160	East & Central Africa	English
0300-0459	3345	Southern Africa	English
0400-0455	7265	Central Africa	French

0500-0555	9770	West Africa	English
0500-0659	7210	Southern Africa	English
0600-0655	15215	Far West Africa	English
0700-0800	11825	Southern Africa	English
0800-0900	11825	Southern Africa	Chinyanja
0900-1000	11825	Southern Africa	Silozi

DAY TIME PROGRAMMES

1000-1200	11825	Southern Africa	English
1200-1300	11825	Southern Africa	Chinyanja
1300-1400	11825	Southern Africa	Silozi
1400-1559	11825	Southern Africa	English

EVENING PROGRAMMES

1500-1555	17780	East & Central Africa	Swahili
1500-1555	17770	East & Central Africa	English
1600-1655	15245	West Africa	French
1700-1755	15265	West Africa	English
1900-2200	3345	Southern Africa	English

(Ch. Africa website modified on 5. April 2004, via JKB)

Business Day reports that the South African cabinet has approved the corporatisation of Channel Africa, the country's external radio service, as a subsidiary company of the South African Broadcasting Corporation. Government spokesman Joel Netshitenzhe said the new company will be known as Channel Africa Network, and will have its own board of directors including four non-executive directors. (©RNMN April 02, 2004; via JKB)

SPAIN: *Radio Exterior de Espan - REE* esquema en idioma espanol, valido desde el 03/28/2004 al 10/30/2004. Address: Radio Exterior de Espana, Apartado 156.202, 28080 Madrid, Spain. E-mail: audiencia_ree.rne@rtve.es and Web: <http://www.rne.es/ree>.

[Sked is not available in English, Ed.]

Transmisiones para America del Norte:

HORA UTC	KHZ	1000-1300	C-11815 (LaV)
0100-0600	6055	1000-1700	C-21570 (SyD)
0200-0600	C-6025	1200-2000	21700 (Dom)
1000-1300	21700 (LaV)	1200-2100	21700 (Sab)
1100-1400	C-15170 (LaV)	1200-2300	C-11815 (Dom)
1200-1500	C-15170 (Dom)	1500-1800	21700 (Lun)
1300-1500	17595 (LaV)	1500-2100	21700 (Mar a Vie)
1500-2300	C-17850 (Dom)	1600-2300	C-11815 (Sab)
1600-2300	C-17850 (Sab)	1700-1900	17715
1800-2000	C-17850 (LaV)	1800-2000	C-11815 (LaV)
1900-2300	15110	2300-0300	11680
2300-0500	9535	2300-0500	9620, 15160

Transmisiones para America Central:

HORA UTC	KHZ
0200-0600	C-3350
1000-1300	21700 (LaV)
1100-1400	C-9765 (LaV)
1200-1500	C-15170 (Dom)
1200-2000	21700 (Dom)
1200-2100	21700 (Sab)
1200-2300	C-9765 (Dom)
1500-1800	21700 (Lun)
1500-1900	21700 (Mar a Vie)
1600-2300	C-9765 (Sab)
1800-2000	C-9765 (LaV)
2300-0500	9535, 15160

Transmisiones para America del Sur:

HORA UTC	KHZ
0000-0400	C-6020
0800-1700	21570 (LaV)
0900-1700	C-21570 (LaV)

Transmisiones para Africa:

HORA UTC	KHZ
0900-1400	21540
1400-1700	15385 (Sab)
1400-1900	17760 (LaS)
1400-2000	17760 (Dom)
1500-1700	15385 (LaV)
2100-2200	11625 (LaV)
2200-2300	11625 (Sab)

Transmisiones para Europa:

HORA UTC	KHZ
0500-0700	5985, 9710 (SyD)
0500-0900	12035
0700-1300	13720 (LaV)
0700-1400	13720 (SyD)
0900-1700	15585
1700-2000	9665 (Dom)
1700-2100	9665 (Sab)
1700-2300	7275

Transmisiones para Australia:

HORA UTC KHZ
 0700-0900 17770
 0700-0900 21610 (SyD)

Transmisiones para Japon:

HORA UTC KHZ
 1000-1200 B-9660x

Transmisiones para Filipinas:

HORA UTC KHZ
 1200-1400 X-11910

Transmisiones para Oriente Medio:

HORA UTC KHZ
 0500-0700 15485
 0900-1700 21610

Centros Retransmisores:

(C) via Cariari, Costa Rica
 (B) via Beijing, China
 (X) via Xiang, China

(Ruben G. Margenet in CONEXION #257 via WDXC-HQ; April 03, 2004)

SWITZERLAND: Confirming a report from Chris Brand on the mailing list of the British DX Club, Swissinfo / *Swiss Radio International* is announcing that its final English programme will be broadcast on Monday 12 April, somewhat earlier than had been expected. SRI is phasing out all its radio programmes, and the remaining shortwave transmissions will cease at the end of October as previously announced. The English slots will be replaced by music from 13 April. Some listeners appear to be surprised that the English shortwave service is ending, but in fact the policy of phasing out of radio broadcasting in favour of Internet was announced three years ago. In a statement sent out to listeners in March 2001, the station said "A further cut down of short wave transmissions - down to a complete cessation at the end of October 2004 - will follow gradually." (©RNMN April 05, 2004; via JKB)

THAILAND: With the start of the A04 broadcasting season *Radio Thailand*, has introduced new relays via VOA transmitters in the US. Radio Thailand is now broadcasting via Greenville on 5890 kHz at 0030-0100 UTC in English and 0100-0200 in Thai. The West coast station at Delano is also being used, at 0300-0330 in English and 0330-0430 in Thai. Joe Hanlon in New Jersey checked for the new relay via Delano this morning at 0418 on 5890. He reports that it was big signal in NJ, but it was just a carrier and they had audio feed problems. (Source: Joe Hanlon in DX India mailing list via ©RNMN March 28, 2004; via JKB)

Radio Thailand started its foreign language services under the call-sign HSK-9 on the 20th of October 1938. It was some time before the control of radio broadcasting was transferred from the Post and Telegraph Department to the Publicity Bureau, set up on May 3, 1933, in the Prime Minister's Office. The name was later changed to the Public Relations Department. The service has been continuously expanded and improved over the decades. Utilizing two short-wave transmitters, and one medium-wave transmitter. A major improvement came about in 1994, with the opening of the shortwave relay station in Ban Dung District, Udon Thani Province, in cooperation with the Voice of America. Radio Thailand now transmits its signals via satellite to Udon Thani Relay Station in 12 languages, to be broadcast to target areas all over the world. Radio Thailand World Service Broadcast Schedule, relayed over transmitters in Ban Dung, Udon Thani, Northeastern Thailand, on frequencies shared with the Voice of America. Radio Thailand is part of the Government Public Relations Department, Royal Thai Government. Address: Radio Thailand, World Service, Public Relations Department, Royal Thai Government, 236 Vibhavadi Rangsit Road, Din Daeng, Bangkok 10400, Thailand. Website <http://www.prd.go.th/en_mainmenu.asp>, email address: <amporns@mozart.inet.co.th>.

(R. Thailand website via JKB)

Schedule for A04 season (from 28 Mar 2004 to 31 October 2004)

Language	Times (UTC)	kHz	Site	Beam	Target area
Burmese	1145-1200	6030	UDO	284°	Asia Pacific
		6070	PT	ND	Asia Pacific
		7115	PT	ND	Asia Pacific
Chinese (Mandarin)	1315-1330	11685	UDO	030°	Asia Pacific
English	0000-0030	9570	UDO	276°	Europe, Africa
	0030-0100	5890	GB	174°	N America (E)
	0300-0330	5890	DL	180°	N America (W)

	0530-0600	21795	UDO	321°	Europe	
	1230-1300	9855	UDO	132°	Asia Pacific	
	1400-1430	9830	UDO	132°	Asia Pacific	
	1900-2000	7155	UDO	329°	Europe	
	2030-2045	9680	UDO	321°	Europe	
French	2015-2030	9680	UDO	321°	Europe	
German	2000-2015	9680	UDO	321°	Europe	
Indonesian	1215-1230	11870	UDO	154°	Asia Pacific	
Japanese	1300-1315	11685	UDO	054°	Asia Pacific	
Khmer (Cambodian)	1115-1130	6070	PT	ND	Asia Pacific	
		7115	PT	ND	Asia Pacific	
		7260	UDO	144°	Asia Pacific	
Lao	1130-1145	6030	UDO	030°	Asia Pacific	
		6070	PT	ND	Asia Pacific	
		7115	PT	ND	Asia Pacific	
Malay (Bahasa Malaysia)	1200-1215	6070	PT	ND	Asia Pacific	
		7115	PT	ND	Asia Pacific	
		11805	UDO	154°	Asia Pacific	
Thai	0100-0200	5890	GB	174°	N America (E)	
	0330-0430	5890	DL	180°	N America (W)	
	1000-1100	11870	UDO	138°	Asia Pacific	
	1330-1400	11685	UDO	054°	Asia Pacific	
	1800-1900	9695	UDO	284°	Asia Pacific	
Vietnamese	2045-2115	9680	UDO	313°	Europe	
		1100-1115	6070	PT	ND	Asia Pacific
			7115	PT	ND	Asia Pacific
		7260	UDO	144°	Asia Pacific	

Transmitter sites and powers:

DL = Delano, California, USA (250 kW)

GB = Greenville, North Carolina, USA (250 kW)

PT = Pathumthani, Thailand (10 kW, frequencies not confirmed recently and possibly INACTIVE)

UDO = Udon Thani, Thailand (250 kW, reportedly running at half power of 500 kW at present.)

Radio Saranrom at 1575 kHz, operated by the Ministry of Foreign Affairs, Bangkok. All programmes are now in the Thai language and are broadcast from the 1000 kW mediumwave transmitter of the International Broadcasting Bureau (IBB, USA) near Ban Phachi, Phra Nakhon Si Ayutthaya Province, Thailand: Sun-Thurs 2230-2400, Mon-Fri 1030-1130, 1300-1330 and 1500-1530.

(Source: ASIAWAVES - Broadcasting in South and South-East Asia, © Alan G. Davies, <http://www.asiawaves.net>; via JKB, 05/13/2004)

TURKEY: A04 program schedule of *Voice of Turkey* - *VOT* valid 28 MARCH - 31 OCTOBER 2004 according to their website <<http://www.trt.net.tr/duyurufiler/vot.htm>> as of 17. March 2004. Postal Address: Voice of Turkey, PO Box 333, Yenisehir 06443, Ankara, Turkey. Fax: +90-312-490-9845/9846.:

TARGET	LANGUAGE	KHZ	UTC	SITE	KW						
EUROPE	Albanian	11875	1130-1230	CAK	250		Turkish	9460	1600-2100	CAK	500
	Bosnian	5980	1800-1900	CAK	500		Turkish	15350	0700-1600	CAK	500
	Bulgarian	7140	1330-1430	EMR	250	NORTH AMERICA	Turkish	9460	2100-0700	CAK	500
	Croatian	11970	1600-1630	EMR	250		English	6140	0300-0400	EMR	500
	English	6140	0300-0400	EMR	500		English	9830	2200-2300	EMR	500
	English	15225	1230-1330	EMR	500	AUSTRALIA	Turkish	9460	2100-0700	CAK	500
	English	9785	1830-1930	EMR	500		English	15535	1230-1330	EMR	500
	English	9830	2200-2300	EMR	500		English	7170	2030-2130	EMR	500
	French	11850	1930-2030	EMR	500		Turkish	21715	0900-1200	EMR	500
	German	13760	1130-1230	EMR	500	ASIA	Turkish	13655	1200-1600	EMR	500
	German	13640	1730-1830	EMR	500		Turkish	9560	1600-2200	EMR	500
	Greek	9840	1030-1130	EMR	500		Arabic	11690	0900-1100	EMR	500
	Greek	7180	1430-1530	EMR	500		Arabic	15520	0900-1100	EMR	500
	Hungarian	13770	0930-1030	EMR	500		Arabic	11735	1400-1600	CAK	250
	Macedonian	11690	0800-0900	EMR	250		Azerbaijani	11730	0700-0830	CAK	250
	Rumanian	9560	0930-1030	CAK	250		Azerbaijani	15140	0700-0830	EMR	500
	Serbian	11860	1330-1400	EMR	250		Azerbaijani	9645	1400-1500	EMR	500
Spanish	13640	1630-1700	EMR	500	Chinese		17715	1100-1200	EMR	500	
					English		7270	0300-0400	EMR	500	

English	15535	1230-1330	EMR	500		Turkish	5960	1600-2200	EMR	500
English	7170	2030-2130	EMR	500		Turkish	9560	1600-2200	EMR	500
Georgian	9760	0700-0800	EMR	500		Turkmen	11905	1530-1630	EMR	500
Greek	7295	1030-1130	CAK	250		Urdu	15170	1200-1300	EMR	500
Kazakh	11860	1500-1600	EMR	500		Uzbek	7175	0100-0200	EMR	500
Kyrgyz	9575	1600-1700	CAK	500		Uzbek	6115	1700-1800	EMR	500
Persian	11795	0830-0930	CAK	250	AFRICA	Arabic	11690	0900-1100	EMR	500
Persian	17705	0830-0930	EMR	500		Arabic	17790	1400-1600	EMR	500
Persian	11940	1230-1400	CAK	250		Arabic	11735	1400-1600	CAK	250
Russian	13720	1300-1400	EMR	500		English	7270	0300-0400	EMR	500
Russian	9675	1700-1800	CAK	500		French	9535	1930-2030	CAK	500
Tatar	9855	1500-1600	EMR	500		Turkish	11955	0700-1600	CAK	250
Turkish	11750	0400-0900	EMR	500		Turkish (*)	17705	1000-1500	EMR	500
Turkish	11955	0700-1600	CAK	250		Turkish	5960	1600-2200	EMR	500
Turkish	15225	0400-0700	EMR	500		Turkish	7215	1700-2200	EMR	500
Turkish	21715	0900-1200	EMR	500						
Turkish	13655	1200-1600	EMR	500						

(*) Fridays only.

(TRT web page last modified 17 March 2004 via JKB)

UNITED KINGDOM: High Adventure Gospel Communication Ministries, *Bible Voice Broadcasting*, introduced new schedule. Postal address: POB 220, Leeds, LS26 0WW, United Kingdom. Reception Reports: <mail@biblevoice.org>. All Shortwave Programs are available for Internet too, <http://www.biblevoice.org>.

#1 15.680 khz 100 KW from Juelich English/Russian/Hebrew WAS 9.860

1545-1615 Monday

1545-1715 Tuesday

1545-1615 -1700-1800 Wednesday

1545-1645 Thursday

1545-1615 1700-1800 Friday

1545-1800 Sat

1515-1800 Sun

#2 13.710 khz 250 kw from Wertachtal Arabic/English WAS 9.470

1800-1845 Thursday

1800-1915 Friday/Sunday

1800-1915 Saturday

3 15.460 MHz 250 KW from Krasnodar Arabic (S Arabia) WAS 15.460

0500-0530 M-T

0500-0545 F

#4 17.595 khz 125 KW from Wertachtal Arabic (Egypt) WAS 15.350

0845-1015 UT Friday

5 15.235 khz 100 KW from Juelich English/Arabic WAS 11.650

1615-1730 Monday/Wednesday/Friday Arabic

1700-1730 Tuesday/Thursday Arabic

1700-1800 Sat/Sun English

#6 17.860 mhz 250 from Wooferton Arabic (Yemen) WAS 15.365

1700-1730 M

1700-1715 T-F

#7 13.810 mhz 100 from Juelich Arabic (From April 7-May 23/04) NEW

0600-0630 Wednesday - Sunday

EAST AFRICA Amharic /Tigrinya

13.810 khz 100 KW from Juelich WAS 13.810

1630-1730 Monday-Friday

1630-1700 Sat/Sun

CENTRAL AFRICA/NIGERIA 100 KW from Juelich English 9.425 mhz WAS 7.295

1915-1945 Friday

1900-2000 Sat Sun

WEST AFRICA/LIBERIA

12.050 mhz. 125 kw Wertachtal English WAS 7.295

1945-2015 Friday

INDIA

1 7485 mhz 250 KW from Tashkent Hindi/English WAS 7485

1400-1500 Thursday

1400-1500 Friday/Saturday

1430-1530 Sunday [what about #2?]

3 9.605 mhz 250 KW from DB Hindi WAS 6.175
0030-0100 Daily
4 7.210 mhz 250 KW from DB Bengali/English WAS 7.105
0030-0100 UT Daily
0015-0100 Monday-Friday English
0030-0100 Saturday/Sunday Bengali
5 17.510 mhz 100 KW from Juelich English/Hindi/Urdu WAS 12.005
1530-1600 Daily
Tuesdays Urdu 1500-1600
IRAN
11.965 mhz 100 kw from Juelich Farsi/English WAS 7.210
1800-1900 Sat/Sunday
EAST EUROPE/RUSSIA
5.970 mhz 100 KW from Juelich English/Russian Was 6.015
1815-1830 Mon-Friday
1800-1900 Sat
1800-1930 Sun
WEST EUROPE/UK English 5.905 mhz 100 KW from Juelich WAS 5.975
0715-0745 W-F
0700-0815 Sat/Sun
CHINA English/Vietnamese/Cantonese/Japanese 12.065 mhz 100 kw from
Khabarovsk WAS 5945
Mandarin Wednesday 1215, Friday to 1250*
(1235-1250 Japanese)
1200-1245 Monday-Friday
1130-1230 Saturday/Sunday
SE ASIA VIETNAM Vietnamese/English 5945 mhz 250 KW from Komsomolsk on
Amur WAS 5945
1430-1500 Saturday
(Source: Bible Voice via Mukesh Kumar at DXLD #4-052, March 22, 2004)

BBC World Service and relays of other stations over the **Merlin** facilities. Operational schedule A04 part 2. Part 1 of schedule was published at DXM last month.

Freq	From-To	Days	Call	Site	Pwr	Brg	Lang	Target
11550	0900-0930	smtwtfs	ABC	Taipei	250	205	ABC INDONESIAN	SE AS
11550	2130-2330	smtwtfs	ABC	Taipei	250	205	ABC INDONESIAN	SE AS
11565	0900-1000	smtwtfs	MNO	Naalahu (WHRI)	100	225	CHINA RADIO	OC
11565	1100-1300	smtwtfs	MNO	Naalahu (WHRI)	100	225	CHINA RADIO	OC
11665	1700-1730	smtwtfs	BBC	Biblis	100	85	AZERI	CAU
11665	0600-0630	smtwtfs	RFI	Ascension	250	27	RFI ENGLISH	W AF
11665	0630-0700	smtwtfs	RFI	Ascension	250	27	RFI FRENCH	W AF
11665	0000-0030	smtwtfs	RPR	Ascension	250	245	RPR SPANISH	S AM
11670	1300-1400	.....f.	SHB	Furman	500	245	HERALD CC ENGLISH	C M OC
11670	1300-1400	s.....s	SHB	Furman	500	245	HERALD CC SPANISH	C AM
11675	2115-2130	.mtwtf.	BBC	Antigua	125	235	ENGLISH (CARIBBEAN)	CARIB
11675	2115-2130	.mtwtf.	BBC	Antigua	125	300	ENGLISH (CARIBBEAN)	CARIB
11675	1600-1630	smtwtfs	BBC	Skelton	300	110	SERBIAN	SE EUR
11680	0600-0900	smtwtfs	BBC	Cyprus	300	102	ARABIC	ME
11680	1630-2100	smtwtfs	BBC	Rampisham	500	168	ARABIC	N AF
11680	2100-2400	smtwtfs	BBC	Skelton	300	180	ARABIC	N AF
11680	1100-1130	smtwtfs	BBC	Cyprus	250	335	ROMANIAN	SE EUR
11680	1030-1045	smtwtfs	BBC	Biblis	100	126	SERBIAN	SE EUR
11680	1500-1600	smtwtfs	BBC	Skelton	300	110	TURKISH	SE EUR
11685	1530-1545	smtwtfs	BBC	Singapore	250	320	BBC ENGLISH (LD)	S AS
11685	0230-0300	smtwtfs	BBC	A'Seela	250	100	HINDI	S AS
11685	2200-2300	smtwtfs	BBC	Nakhon Sawan	250	150	INDONESIAN	SE AS
11685	1500-1530	smtwtfs	BBC	Singapore	250	320	NEPALI	S AS
11685	2300-2400	smtwtfs	BBC	Singapore	250	13	VIETNAMESE	SE AS
11690	1700-1757	smtwtfs	FEB	Kigali	250	30	FEBA SOMALI	E AF
11690	2000-2100	smtwtfs	RCI	Skelton	300	110	RCI ENGLISH	EUR ME
11690	1100-1200	smtwtfs	RNW	Singapore	250	140	RNW INDONESIAN	SE AS
11695	1600-1630	smtwtfs	MNO	Dhabbaya	250	85	GOSPEL FOR ASIA	S AS

11695	1700-1900	smtwtfs	YFR	Rampisham	500	62	YFR RUSSIAN	RUSS
11710	1100-1130	smtwtfs	NHK	Skelton	300	70	NHK GERMAN	EUR
11710	0800-1000	smtwtfs	NHK	Skelton	300	70	NHK JAPANESE	EUR
11710	1130-1200	smtwtfs	NHK	Skelton	300	70	NHK RUSSIAN	EUR
11720	2200-2300	smtwtfs	MNO	Santiago	100	45	CHINA RADIO	S AM
11720	2130-2145	.t.f.	BBC	Rampisham	500	200	ENGLISH (FALKLANDS)	S AT
11720	1930-2000	.mtwtf.	BBC	Rampisham	500	105	TURKISH	SE EUR
11735	1630-1700	smtwtfs	BBC	Rampisham	500	75	BBC ENGLISH (UKR)	UKR
11735	1600-1630	smtwtfs	BBC	Rampisham	500	75	UKRAINIAN	UKR
11740	0300-0600	smtwtfs	BBC	Cyprus	300	150	ARABIC	ME
11740	1030-1100	smtwtfs	NHK	Singapore	250	1	NHK BURMESE	SE AS
11740	1230-1300	smtwtfs	NHK	Singapore	250	1	NHK CHINESE	SE AS
11740	0600-0700	smtwtfs	NHK	Singapore	250	1	NHK ENGLISH	SE AS
11740	0700-1000	smtwtfs	NHK	Singapore	250	1	NHK JAPANESE	SE AS
11740	1130-1200	smtwtfs	NHK	Singapore	250	1	NHK THAI	SE AS
11740	1200-1230	smtwtfs	NHK	Singapore	250	1	NHK VIETNAMESE	SE AS
11750	1100-1300	smtwtfs	MNO	Singapore	100	135	CHINA RADIO	OC
11750	1400-1600	smtwtfs	BBC	Nakhon Sawan	250	25	ENGLISH (ASE)	FE
11750	1315-1400	smtwtfs	FEB	Samara	250	129	FEBA PUNJABI	S AS
11750	0100-0130	smtwtfs	BBC	A'Seela	250	85	HINDI	S AS
11750	0130-0200	smtwtfs	BBC	A'Seela	250	85	URDU	S AS
11755	2200-2300	smtwtfs	RCI	Ascension	250	65	RCI FRENCH	W C AF
11760	0300-0500	smtwtfs	BBC	Cyprus	250	77	ENGLISH (MEF)	W AS
11760	0500-0600	smtwtfs	BBC	A'Seela	250	320	ENGLISH (MEF)	ME
11760	0700-1400	smtwtfs	BBC	A'Seela	250	320	ENGLISH (MEF)	ME
11760	0200-0300	smtwtfs	BBC	Cyprus	250	101	ENGLISH (NEWS)	ME
11760	1600-1700	smtwtfs	HCJ	Rampisham	500	62	HCJB RUSSIAN	RUSS
11765	0500-0700	smtwtfs	BBC	Meyerton	250	328	ENGLISH (AFW)	W AF
11765	0700-0800	smtwtfs	BBC	Ascension	250	27	ENGLISH (AFW)	W AF
11765	0130-0230	smtwtfs	RAI	Ascension	250	295	RAI ITALIAN	C AM
11765	0000-0115	smtwtfs	BBC	Ascension	250	265	SPANISH	S AM
11765	0115-0130	.twtfs	BBC	Ascension	250	265	SPANISH	S AM
11770	1800-1900	smtwtfs	RCI	Dhabbaya	250	230	RCI ENGLISH	E AF
11770	0400-0500	.mtwtf.	BBC	Woofferton	250	78	UKRAINIAN	UKR
11775	2030-2300	smtwtfs	VOV	Skelton	300	180	VOV	N AF
11780	0800-0900	s.....	BBC	Biblis	100	126	TURKISH	SE EUR
11795	0445-0500	smtwtfs	BBC	Cyprus	300	314	SERBIAN	SE EUR
11820	0900-1630	smtwtfs	BBC	Cyprus	300	102	ARABIC	ME
11820	1630-1800	smtwtfs	BBC	Cyprus	300	150	ARABIC	ME
11835	1330-1400	smtwtfs	BBC	Singapore	250	330	BENGALI	S AS
11835	0000-0300	smtwtfs	BBC	Okeechobee	50	285	ENGLISH (AME)	C AM
11835	0300-0500	smtwtfs	BBC	Delano	250	121	ENGLISH (AME)	C AM
11835	1400-1430	smtwtfs	BBC	Cyprus	300	7	UKRAINIAN	UKR
11845	0530-0600	smtwtfs	BBC	Rampisham	500	110	ALBANIAN	SE EUR
11845	0500-0505	.mtwtf.	BBC	Cyprus	300	314	CROATIAN	SE EUR
11845	0233-0300	s.....	BBC	Woofferton	250	45	ENGLISH (MEF)	RUSS
11845	0305-0330	s.....	BBC	Woofferton	250	45	ENGLISH (MEF)	RUSS
11845	0333-0400	s.....s	BBC	Woofferton	250	45	ENGLISH (MEF)	RUSS
11845	0405-0430	s.....s	BBC	Woofferton	250	45	ENGLISH (MEF)	RUSS
11845	0230-0233	smtwtfs	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0233-0300	.mtwtf.	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0233-0330	.....s	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0300-0305	smtwtf.	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0305-0330	.mtwtf.	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0330-0333	smtwtfs	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0333-0400	.mtwtf.	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0400-0405	smtwtfs	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	0405-0500	.mtwtf.	BBC	Woofferton	250	45	RUSSIAN	RUSS
11845	1630-1900	smtwtfs	BBC	Cyprus	250	7	RUSSIAN	RUSS
11845	1900-1930	smtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
11845	1930-2000	.mtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
11845	1500-1600	smtwtfs	BBC	Cyprus	250	92	URDU	SW AS

11850	0030-0100	smtwtfs	BBC	Singapore	250	340	BENGALI	S AS
11850	0000-0030	smtwtfs	BBC	Singapore	250	340	BURMESE	SE AS
11855	0230-0300	smtwtfs	BBC	A'Seela	250	335	FARSI	ME
11855	0300-0430	smtwtfs	BBC	Cyprus	250	77	FARSI	ME
11855	1930-2000	smtwtfs	BBC	Ascension	250	55	HAUSA	W AF
11855	2100-2200	smtwtfs	NHK	Ascension	250	85	NHK ENGLISH	AF
11855	2030-2100	smtwtfs	BBC	Ascension	250	27	PORTUGUESE (AF)	W AF
11855	2000-2030	smtwtfs	IBB	Ascension	250	27	VOA ENGLISH AFRICA	AF
11860	1400-1415	.mtw...	BBC	Seychelles	250	295	BBC ENGLISH (SOMALI)	E AF
11860	1500-1530	smtwtfs	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
11860	1615-1700	s.....s	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
11860	1630-1700	.mtwtf.	BBC	Seychelles	250	270	GREAT LAKES	E AF
11860	0100-0200	smtwtfs	NHK	Singapore	250	340	NHK ENGLISH	SE AS
11860	0200-0300	smtwtfs	NHK	Singapore	250	340	NHK JAPANESE	SE AS
11860	1400-1415	....tf.	BBC	Seychelles	250	295	SOMALI	E AF
11860	1415-1500	smtwtfs	BBC	Seychelles	250	295	SOMALI	E AF
11860	1530-1615	smtwtfs	BBC	Seychelles	250	270	SWAHILI	E AF
11860	1615-1630	.mtwtf.	BBC	Seychelles	250	270	SWAHILI	E AF
11865	1700-1800	smtwtfs	NHK	Singapore	250	315	NHK JAPANESE	S AS
11865	0300-0329	smtwtfs	BBC	Rampisham	500	140	SWAHILI	E AF
11875	1600-1700	smtwtfs	BBC	Cyprus	250	101	FARSI	ME
11895	1100-1110	.mtwtf.	BBC	Biblis	100	126	CROATIAN	SE EUR
11910	1400-1500	smtwtfs	AWR	Taipei	100	250	AWR VIETNAMESE	SE AS
11920	1130-1145	smtwtfs	BBC	Nakhon Sawan	250	150	BBC ENGLISH (LD)	SE AS
11920	1400-1445	smtwtfs	BBC	Singapore	100	315	HINDI	S AS
11920	1100-1130	smtwtfs	BBC	Nakhon Sawan	250	150	INDONESIAN	SE AS
11920	0700-1000	smtwtfs	NHK	Singapore	250	140	NHK JAPANESE	OC
11920	1000-1100	smtwtfs	RAI	Singapore	250	140	RAI ITALIAN	OC
11935	1600-1630	smtwtfs	RCI	Woofferton	250	82	RCI RUSSIAN	RUSS
11935	1530-1600	smtwtfs	RCI	Woofferton	300	75	RCI UKRAINIAN	UKR
11940	0500-1700	smtwtfs	BBC	Meyerton	100	15	ENGLISH (AFE)	S AF
11945	1030-1100	smtwtfs	BBC	Nakhon Sawan	250	20	BBC ENGLISH (ASIA E	FE
11945	1345-1430	smtwtfs	BBC	Singapore	250	340	BURMESE	SE AS
11945	0000-0030	smtwtfs	BBC	Yamata	300	290	ENGLISH (ASE)	FE
11945	2100-2200	smtwtfs	BBC	Yamata	300	290	ENGLISH (ASE)	FE
11945	2300-2400	smtwtfs	BBC	Yamata	300	290	ENGLISH (ASE)	FE
11945	1300-1345	smtwtfs	BBC	Singapore	250	90	INDONESIAN	SE AS
11945	1100-1300	smtwtfs	BBC	Nakhon Sawan	250	20	MANDARIN	CHN
11945	2200-2300	smtwtfs	BBC	Yamata	300	290	MANDARIN	CHN
11945	1500-1530	smtwtfs	BBC	Cyprus	300	77	TAJIK	C AS
11945	1430-1500	smtwtfs	BBC	Singapore	250	13	VIETNAMESE	SE AS
11950	1633-1700	s.....	BBC	Cyprus	300	77	RUSS CASIA	C AS
11950	1630-1633	s.....	BBC	Cyprus	300	77	RUSSIAN	RUSS
11950	1600-1630	smtwtfs	BBC	Cyprus	300	77	UZBEK	C AS
11950	1630-1700	.mtwtf.	BBC	Cyprus	300	77	UZBEK	C AS
11955	0300-0400	smtwtfs	BBC	Sackville	250	285	ENGLISH (AME)	N AM
11955	0500-0900	smtwtfs	BBC	Nakhon Sawan	250	150	ENGLISH (ASE)	SE AS
11955	2200-2300	smtwtfs	BBC	Singapore	250	13	ENGLISH (ASE)	SE AS
11955	2300-2400	smtwtfs	BBC	Nakhon Sawan	250	150	ENGLISH (ASE)	SE AS
11955	0000-0100	smtwtf.	BBC	Nakhon Sawan	250	275	ENGLISH (ASS)	S AS
11955	0100-0300	smtwtfs	BBC	A'Seela	250	63	ENGLISH (ASS)	S AS
11960	1700-1730	smtwtfs	BBC	Woofferton	250	114	ALBANIAN	SE EUR
11960	1730-1745	.m.w...	BBC	Woofferton	250	114	BBC ENGLISH (ALBANIA	SE EUR
11960	0000-0200	smtwtfs	DWL	Antigua	250	310	DW GERMAN	N AM
11965	2130-2200	smtwtfs	BBC	Antigua	250	160	BRAZILIAN	S AM
11965	2230-2300	smtwtfs	BBC	Antigua	250	160	BRAZILIAN	S AM
11965	0230-0300	smtwtfs	BBC	Cyprus	250	89	DARI	ME
11965	0300-0330	smtwtfs	BBC	Cyprus	250	89	PASHTO	W AS
11975	0300-0330	smtwtfs	AWR	Dhabbaya	250	225	AWR AMHARIC	E AF
11975	0330-0400	smtwtfs	AWR	Dhabbaya	250	225	AWR TIGRINYA	E AF
11980	2200-2330	smtwtfs	BBC	A'Seela	250	50	MANDARIN	CHN
11985	0600-0800	smtwtfs	DWL	Antigua	250	270	DW GERMAN	OC

11985	2145-2215	....tf.	FEB	Ascension	250	27	FEBA WOLOF	W AF
12005	1230-1315	smtwtfs	FEB	Tashkent	100	131	FEBA NEPALI	S AS
12010	1300-1430	smtwtfs	ABC	Singapore	100	13	ABC CHINESE	CHN
12010	1230-1315	s.....	BBC	Skelton	300	125	ALBANIAN	SE EUR
12010	1315-1345	smtwtfs	BBC	Skelton	300	125	ALBANIAN	SE EUR
12025	2100-2230	smtwtfs	HCJ	Skelton	250	165	HCJB ARABIC	N AF
12030	0930-1030	smtwtfs	BBC	Cyprus	250	77	FARSI	ME
12030	1030-1130	.....f.	BBC	Cyprus	250	77	FARSI	ME
12035	0300-0500	smtwtfs	BBC	Cyprus	250	173	ENGLISH (AFE)	E AF
12035	1800-1815	smtwtfs	TWR	Dhabbaya	250	225	TWR VARIOUS	E AF
12035	1815-1830	s.....s	TWR	Dhabbaya	250	225	TWR VARIOUS	E AF
12045	0200-0245	smtwtfs	FEB	Novosibirsk	250	195	FEBA URDU	S AS
12045	1500-1700	smtwtfs	NHK	Singapore	250	315	NHK JAPANESE	S AS
12090	1633-1700	s.....	BBC	Moscow	250	117	RUSS CASIA	C AS
12090	1630-1633	s.....s	BBC	Moscow	250	117	RUSSIAN	C AS
12090	1633-1700	.....s	BBC	Moscow	250	117	RUSSIAN	C AS
12090	1600-1630	smtwtfs	BBC	Moscow	250	117	UZBEK	C AS
12090	1630-1700	.mtwtf.	BBC	Moscow	250	117	UZBEK	C AS
12095	1900-2100	smtwtfs	BBC	Ascension	250	114	ENGLISH (AFE)	S AF
12095	0000-0300	smtwtfs	BBC	Skelton	300	230	ENGLISH (AME)	S AM
12095	2100-2400	smtwtfs	BBC	Ascension	250	245	ENGLISH (AME)	S AM
12095	0600-1200	smtwtfs	BBC	Rampisham	500	140	ENGLISH (EUR)	W EUR
12095	1200-1700	smtwtfs	BBC	Woofferton	250	140	ENGLISH (EUR)	EUR
12095	0300-0400	smtwtfs	BBC	Cyprus	250	7	ENGLISH (MEF)	RUSS
12095	0400-0600	smtwtfs	BBC	Woofferton	250	70	ENGLISH (MEF)	EUR
12095	1600-1900	smtwtfs	BBC	Woofferton	250	78	ENGLISH (MEF)	RUSS
13610	1400-1500	smtwtfs	BBC	Nakhon Sawan	250	305	DARI	ME
13610	1600-2000	smtwtfs	BBC	Nakhon Sawan	250	305	FARSI	ME
13610	1500-1600	smtwtfs	BBC	Nakhon Sawan	250	305	PASHTO	SW AS
13640	1300-1500	smtwtfs	MNO	Okeechobee	50	285	CHINA RADIO	C AM
13640	0500-0600	smtwtfs	RFI	Dhabbaya	250	255	RFI FRENCH	E C AF
13645	0000-0100	smtwtfs	MNO	Okeechobee	50	285	CHINA RADIO	C AM
13645	0300-0430	smtwtfs	BBC	Cyprus	250	50	FARSI	ME
13645	1500-1600	smtwtfs	BBC	Rampisham	500	105	TURKISH	SE EUR
13645	1400-1430	smtwtfs	BBC	Rampisham	500	76	UKRAINIAN	UKR
13650	0530-0600	smtwtfs	BBC	Cyprus	300	295	ALBANIAN	SE EUR
13650	1700-1730	smtwtfs	BBC	Skelton	300	125	ALBANIAN	SE EUR
13650	1730-1745	.m.w...	BBC	Skelton	300	125	BBC ENGLISH (ALBANIA)	SE EUR
13650	1030-1045	smtwtfs	BBC	Rampisham	500	105	SERBIAN	SE EUR
13660	0000-0200	smtwtfs	BBC	Cyprus	300	150	ARABIC	ME
13660	0200-1200	smtwtfs	BBC	Cyprus	300	117	ARABIC	ME
13660	1200-2400	smtwtfs	BBC	Skelton	300	180	ARABIC	N AF
13670	1630-1700	smtwtfs	BBC	Rampisham	500	76	BBC ENGLISH (UKR)	UKR
13670	1700-1900	smtwtfs	NHK	Dhabbaya	500	285	NHK JAPANESE	ME
13670	1600-1630	smtwtfs	BBC	Rampisham	500	76	UKRAINIAN	UKR
13690	1657-1856	smtwtfs	VRT	Skelton	300	180	VRT FGDE	EUR AF
13690	1957-2056	smtwtfs	VRT	Skelton	300	180	VRT FGDE	EUR AF
13700	1700-1800	smtwtfs	MNO	Woofferton	300	75	CBS RUSSIAN	RUSS
13700	1700-1900	smtwtfs	MNO	Okeechobee	50	285	CHINA RADIO	C AM
13720	1800-1900	smtwtfs	BBC	Skelton	300	140	YFR ARABIC	N AF
13730	0100-1300	smtwtfs	MNO	Singapore	100	13	PROJECT AIRWAVES	CHN
13740	0600-0629	smtwtfs	BBC	Rampisham	500	168	FRENCH	N AF
13740	1500-1530	smtwtfs	BBC	Cyprus	250	89	TAJIK	C AS
13745	0333-0400	s.....s	BBC	Rampisham	500	62	ENGLISH (MEF)	RUSS
13745	0405-0430	s.....s	BBC	Rampisham	500	62	ENGLISH (MEF)	RUSS
13745	0100-0130	smtwtfs	BBC	Tashkent	200	131	HINDI	S AS
13745	2030-2100	smtwtfs	BBC	Rampisham	500	189	PORTUGUESE (AF)	W AF
13745	1100-1300	smtwtfs	IBB	Rampisham	500	95	RFE RL RUSSIAN	RU
13745	0200-0230	smtwtfs	BBC	Cyprus	250	37	RUSS CASIA	C AS
13745	0230-0330	.mtwtfs	BBC	Cyprus	250	7	RUSSIAN	RUSS
13745	0330-0333	smtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
13745	0333-0430	.mtwtf.	BBC	Rampisham	500	62	RUSSIAN	RUSS

13745	0400-0405	s.....s	BBC	Rampisham	500	62	RUSSIAN	RUSS
13745	0430-0500	.mtwtf.	BBC	Rampisham	500	62	RUSSIAN	RUSS
13745	1630-1930	smtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
13745	1930-2000	.mtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
13755	1230-1315	s.....s	BBC	Cyprus	300	295	ALBANIAN	SE EUR
13755	1315-1345	smtwtfs	BBC	Cyprus	300	295	ALBANIAN	SE EUR
13760	1600-1615	smtwtfs	BBC	Nakhon Sawan	250	300	DARI	ME
13760	1615-1700	smtwtfs	BBC	Nakhon Sawan	250	300	PASHTO	SW AS
13770	2200-2300	s...t..	SHB	Furman	500	57	HERALD CC ENGLISH	EU,NAF
13770	2300-2400	s..w...	SHB	Furman	500	72	HERALD CC ENGLISH	AF
13770	2200-2300	..t..f.	SHB	Furman	500	57	HERALD CC FRENCH	EU,NAF
13770	2300-2400	.m....s	SHB	Furman	500	72	HERALD CC FRENCH	AF
13770	2300-2400	....t..	SHB	Furman	500	72	HERALD CC PORTUGUESE	AF
13770	2200-2300	.m.w..s	SHB	Furman	500	57	HERALD CC SPANISH	EU,NAF
13770	2300-2400	..t..f.	SHB	Furman	500	72	HERALD CC SPANISH	AF
13780	0400-0500	smtwtfs	RFI	Dhabbaya	250	255	RFI FRENCH	E C AF
13790	2200-2330	smtwtfs	BBC	Nakhon Sawan	250	40	MANDARIN	CHN
13835	2000-2100	sm.w.f.	SHB	Furman	500	87	HERALD CC ENGLISH	AF
13835	2100-2200	....f.	SHB	Furman	500	87	HERALD CC ENGLISH	AF
13835	2000-2100	..t.t.s	SHB	Furman	500	87	HERALD CC FRENCH	AF
13835	2100-2200	smtwt.s	SHB	Furman	500	87	HERALD CC FRENCH	AF
15105	1915-1930	smtwtfs	BBC	Ascension	250	65	BBC ENGLISH (AFR)	W C AF
15105	1230-1245	smtwtfs	BBC	Woofferton	300	170	BBC ENGLISH (FRENCH)	N AF
15105	1330-1345	smtwtfs	BBC	Ascension	250	55	BBC ENGLISH (HAUSA)	W AF
15105	0700-0729	smtwtfs	BBC	Ascension	250	65	FRENCH	W AF
15105	1200-1230	smtwtfs	BBC	Woofferton	300	170	FRENCH	N AF
15105	1800-1830	smtwtfs	BBC	Ascension	250	65	FRENCH	W AF
15105	1345-1415	smtwtfs	BBC	Ascension	250	55	HAUSA	W AF
15105	1930-2000	smtwtfs	BBC	Ascension	250	65	HAUSA	W AF
15105	2030-2100	smtwtfs	BBC	Skelton	300	195	PORTUGUESE (AF)	W AF
15110	2330-2400	smtwtfs	ABC	Taipei	250	225	ABC VIETNAMESE	SE AS
15115	0333-0400	.....s	BBC	Cyprus	250	7	ENGLISH (MEF)	RUSS
15115	0405-0430	s.....s	BBC	Woofferton	250	70	ENGLISH (MEF)	RUSS
15115	0330-0333	.mtwtfs	BBC	Cyprus	250	7	RUSSIAN	RUSS
15115	0333-0400	.mtwtf.	BBC	Cyprus	250	7	RUSSIAN	RUSS
15115	0400-0405	smtwtfs	BBC	Woofferton	250	70	RUSSIAN	RUSS
15115	0405-0500	.mtwtf.	BBC	Woofferton	250	70	RUSSIAN	RUSS
15130	1830-1900	smtwtfs	FEB	Ascension	250	70	FEBA FRENCH	C AF
15135	1230-1300	smtwtfs	AWR	Dhabbaya	250	85	AWR BANGLA	S AS
15135	1200-1230	smtwtfs	AWR	Dhabbaya	250	85	AWR ENGLISH	S AS
15160	1257-1556	s.....s	VRT	Rampisham	500	168	VRT FLEMISH	EUR AF
15165	1900-2000	smtwtfs	YFR	Woofferton	300	114	YFR ARABIC	ME
15170	0800-1100	smtwtfs	NEW	Dhabbaya	250	45	RADIO FOR PEACE	C AS
15180	0600-1630	smtwtfs	BBC	Rampisham	500	168	ARABIC	N AF
15180	1630-1800	smtwtfs	BBC	Cyprus	250	280	ARABIC	N AF
15180	1800-1830	smtwtfs	BBC	Cyprus	250	280	FRENCH	N AF
15185	0600-0900	smtwtfs	BBC	Cyprus	250	150	ARABIC	ME
15190	1030-1055	smtwtfs	DWL	Singapore	100	13	DW CHINESE	FE
15190	1000-1030	smtwtfs	DWL	Singapore	100	13	DW ENGLISH	FE
15190	0900-1000	smtwtfs	BBC	Ascension	250	235	ENGLISH (AME)	S AM
15190	1000-1130	s.....s	BBC	Ascension	250	235	ENGLISH (AME)	S AM
15190	1100-1130	s.....s	BBC	Antigua	125	205	ENGLISH (AME)	S AM
15190	1100-1130	s.....s	BBC	Antigua	125	300	ENGLISH (AME)	CARIB
15190	1130-1200	.mtwtf.	BBC	Antigua	125	205	ENGLISH (AME)	S AM
15190	1130-1200	.mtwtf.	BBC	Antigua	125	300	ENGLISH (AME)	CARIB
15190	1130-1700	s.....s	BBC	Antigua	125	205	ENGLISH (AME)	S AM
15190	1130-1700	s.....s	BBC	Antigua	125	300	ENGLISH (AME)	CARIB
15190	1230-1700	.mtwtf.	BBC	Antigua	125	205	ENGLISH (AME)	S AM
15190	1230-1700	.mtwtf.	BBC	Antigua	125	300	ENGLISH (AME)	CARIB
15190	1100-1130	.mtwtf.	BBC	Antigua	125	205	ENGLISH (CARIBBEAN)	CARIB
15190	1100-1130	.mtwtf.	BBC	Antigua	125	300	ENGLISH (CARIBBEAN)	CARIB
15190	1200-1230	.mtwtf.	BBC	Antigua	125	205	ENGLISH (CARIBBEAN)	CARIB

15190	1200-1230	.mtwtf.	BBC	Antigua	125	300	ENGLISH (CARIBBEAN)	CARIB
15195	1057-1126	smtwtfs	VRT	Rampisham	500	168	VRT FLEMISH	S EUR
15195	2000-2100	smtwtfs	YFR	Ascension	250	65	YFR ENGLISH	C AF
15205	0300-0330	smtwtfs	AWR	Dhabbaya	250	20	AWR RUSSIAN	C AS
15205	1400-1500	smtwtfs	IBB	Woofferton	250	82	RFE RL RUSSIAN	RU
15205	1300-1400	smtwtfs	IBB	Woofferton	250	82	VOA RUSSIAN	RUSS
15210	0400-0600	smtwtfs	RFI	Dhabbaya	250	255	RFI FRENCH	E C AF
15215	1400-1500	smtwtfs	MNO	Dhabbaya	250	85	GOSPEL FOR ASIA	S AS
15215	1800-1900	smtwtfs	BBC	Rampisham	500	61	RUSSIAN	RUSS
15220	0700-0730	smtwtfs	NHK	Ascension	250	27	NHK ARABIC	N AF
15220	2200-2300	smtwtfs	NHK	Ascension	250	235	NHK JAPANESE	S AM
15220	1100-1130	.mtwtf.	BBC	Ascension	250	235	SPANISH	S AM
15225	1530-1600	smtwtfs	AWR	Dhabbaya	250	75	AWR ENGLISH	S AS
15225	1500-1530	smtwtfs	AWR	Dhabbaya	250	75	AWR NEPALI	S AS
15225	1630-1930	smtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
15225	1930-2000	.mtwtfs	BBC	Rampisham	500	62	RUSSIAN	RUSS
15225	1600-1700	smtwtfs	IBB	Ascension	250	102	VOA ENGLISH AFRICA	AF
15245	1445-1500	.mtwtfs	BBC	A'Seela	250	100	BBC ENGLISH (ASIA S)	S AS
15245	1400-1445	smtwtfs	BBC	A'Seela	250	100	HINDI	S AS
15245	1445-1500	s.....	BBC	A'Seela	250	100	HINDI	S AS
15250	0330-0600	smtwtfs	BBC	A'Seela	250	290	ARABIC	ME
15255	1800-1900	smtwtfs	RCI	Skelton	300	180	RCI ENGLISH	EUR AF
15265	1530-1600	smtwtfs	AWR	Dhabbaya	250	75	AWR HINDI	S AS
15265	1500-1530	smtwtfs	AWR	Dhabbaya	250	75	AWR PUNJABI	S AS
15280	0000-0530	smtwtfs	BBC	Nakhon Sawan	250	40	ENGLISH (ASE)	FE
15280	2300-2400	smtwtfs	BBC	Nakhon Sawan	250	40	ENGLISH (ASE)	FE
15285	1030-1100	smtwtfs	BBC	Singapore	100	13	BBC ENGLISH (ASIA E	SE AS
15285	1900-2030	smtwtfs	BBC	Antigua	250	160	BRAZILIAN	S AM
15285	2200-2300	s..w...	SHB	Furman	500	137	HERALD CC ENGLISH	S AM
15285	2300-2400	s.....	SHB	Furman	500	167	HERALD CC ENGLISH	S AM
15285	2200-2300	.t.t..	SHB	Furman	500	137	HERALD CC PORTUGUESE	S AM
15285	2200-2300	.m.....	SHB	Furman	500	137	HERALD CC SPANISH	S AM
15285	2300-2400	.mtwtfs	SHB	Furman	500	167	HERALD CC SPANISH	S AM
15285	1100-1300	smtwtfs	BBC	Singapore	100	13	MANDARIN	FE
15285	1300-1530	smtwtfs	BBC	Nakhon Sawan	250	25	MANDARIN	CHN
15310	0000-0100	smtwtf.	BBC	Nakhon Sawan	250	290	ENGLISH (ASS)	S AS
15310	0100-0300	smtwtfs	BBC	Nakhon Sawan	250	290	ENGLISH (ASS)	S AS
15310	0300-0600	smtwtfs	BBC	A'Seela	250	63	ENGLISH (ASS)	S AS
15310	0600-1800	smtwtfs	BBC	Nakhon Sawan	250	290	ENGLISH (ASS)	S AS
15310	1800-2000	smtwtfs	BBC	Nakhon Sawan	250	300	ENGLISH (MEF)	ME
15310	0000-0100	.....s	BBC	Nakhon Sawan	250	290	ENGLISH (NEWS)	S AS
15320	1300-1500	smtwtfs	AWR	Dhabbaya	250	60	AWR MANDARIN	W CHN
15320	1700-1800	smtwtfs	RAI	Ascension	250	100	RAI ITALIAN	AF
15325	1100-1110	.mtwtf.	BBC	Cyprus	300	314	CROATIAN	SE EUR
15325	1500-1530	smtwtfs	RCI	Rampisham	500	62	RCI RUSSIAN	RUSS
15325	1600-1630	smtwtfs	RCI	Rampisham	500	62	RCI RUSSIAN	RUSS
15325	1530-1600	smtwtfs	RCI	Rampisham	500	76	RCI UKRAINIAN	UKR
15325	1030-1045	smtwtfs	BBC	Cyprus	300	314	SERBIAN	SE EUR
15325	1300-1330	.mtwtf.	BBC	Greenville	250	164	SPANISH	C S AM
15325	1235-1300	smtwtfs	BBC	Cyprus	250	102	THAI	ME
15325	1759-1856	smtwtfs	VRT	Dhabbaya	250	230	VRT FGDE	AF
15340	1500-1600	smtwtfs	BBC	Cyprus	300	50	PASHTO	W AS
15355	1200-1230	smtwtfs	FEB	Dhabbaya	250	85	FEB TIBETAN	S AS
15360	0000-0300	smtwtfs	BBC	Singapore	100	13	ENGLISH (ASE)	SE AS
15360	0300-0500	smtwtfs	BBC	Nakhon Sawan	250	150	ENGLISH (ASE)	SE AS
15360	0500-0900	smtwtfs	BBC	Singapore	125	25	ENGLISH (ASE)	SE AS
15360	0500-0900	smtwtfs	BBC	Singapore	125	135	ENGLISH (ASE)	SE AS
15360	0900-1030	smtwtfs	BBC	Nakhon Sawan	250	25	ENGLISH (ASE)	FE
15360	1800-1900	smtwtfs	KBS	Rampisham	500	61	KBS RUSSIAN	RUSS
15360	1100-1200	smtwtfs	NEW	Rampisham	500	85	RADIO FOR PEACE	C AS
15360	2300-2330	smtwtfs	RCI	Singapore	100	13	RCI CHINESE	CHN
15365	1900-1959	smtwtfs	KBS	Rampisham	500	168	KBS ARABIC	N AF

15370	1700-1800	smtwtfs	IBB	Woofferton	300	74	VOA RUSSIAN	RUSS
15380	1600-2000	smtwtfs	BBC	Singapore	100	315	FARSI	ME
15390	2130-2200	smtwtfs	BBC	Ascension	250	245	BRAZILIAN	S AM
15390	2230-2300	smtwtfs	BBC	Ascension	250	245	BRAZILIAN	S AM
15390	2115-2130	.mtwtf.	BBC	Greenville	250	174	ENGLISH (CARIBBEAN)	CARIB
15390	1200-1230	smtwtfs	IBB	Ascension	250	250	VOA SPANISH	L AM
15395	1345-1430	smtwtfs	BBC	Cyprus	250	92	BURMESE	SE AS
15400	0629-0700	smtwtfs	BBC	Ascension	250	65	ENGLISH (AFW)	W C AF
15400	0700-1000	smtwtfs	BBC	Ascension	250	27	ENGLISH (AFW)	W AF
15400	1000-1100	s.....s	BBC	Ascension	250	27	ENGLISH (AFW)	W AF
15400	1100-1130	smtwtfs	BBC	Ascension	250	27	ENGLISH (AFW)	W AF
15400	1500-2300	smtwtfs	BBC	Ascension	250	27	ENGLISH (AFW)	W AF
15400	0529-0559	s.....s	BBC	Meyerton	250	7	GREAT LAKES	E AF
15400	1230-1300	smtwtfs	NHK	Ascension	250	27	NHK FRENCH	AF
15405	0600-0629	smtwtfs	BBC	Cyprus	300	280	FRENCH	N AF
15405	0230-0300	smtwtfs	BBC	Nakhon Sawan	250	305	HINDI	S AS
15410	2200-2400	smtwtfs	DWL	Antigua	250	340	DW GERMAN	N AM
15420	1400-1415	.mtw...	BBC	Seychelles	250	295	BBC ENGLISH (SOMALI)	E AF
15420	0830-0900	smtwtfs	BBC	A'Seela	250	35	DARI	ME
15420	0930-1000	smtwtfs	BBC	A'Seela	250	35	DARI	ME
15420	1030-1100	smtwtfs	BBC	A'Seela	250	35	DARI	ME
15420	0329-0600	smtwtfs	BBC	Seychelles	250	280	ENGLISH (AFE)	E AF
15420	1300-1400	smtwtfs	BBC	Seychelles	250	280	ENGLISH (AFE)	E AF
15420	1500-1530	smtwtfs	BBC	Seychelles	250	280	ENGLISH (AFE)	E AF
15420	1615-1630	s.....s	BBC	Seychelles	250	280	ENGLISH (AFE)	E AF
15420	1630-1700	smtwtfs	BBC	Seychelles	250	280	ENGLISH (AFE)	E AF
15420	1700-1900	smtwtfs	BBC	Meyerton	250	19	ENGLISH (AFE)	S AF
15420	0900-0930	smtwtfs	BBC	A'Seela	250	35	PASHTO	SW AS
15420	1000-1030	smtwtfs	BBC	A'Seela	250	35	PASHTO	SW AS
15420	1100-1130	smtwtfs	BBC	A'Seela	250	35	PASHTO	SW AS
15420	1400-1415	....tf.	BBC	Seychelles	250	295	SOMALI	E AF
15420	1415-1500	smtwtfs	BBC	Seychelles	250	295	SOMALI	E AF
15420	1530-1615	smtwtfs	BBC	Seychelles	250	280	SWAHILI	E AF
15420	1615-1630	.mtwtf.	BBC	Seychelles	250	280	SWAHILI	E AF
15435	1300-1430	smtwtfs	ABC	Singapore	100	13	ABC CHINESE	CHN
15445	0300-0330	smtwtfs	AWR	Dhabbaya	250	225	AWR OROMINYA	E AF
15445	0100-0200	.....s	AWR	Taipei	100	250	AWR VIETNAMESE	SE AS
15445	1300-1350	smtwtfs	DWL	Singapore	100	13	DW CHINESE	FE
15450	1800-1830	smtwtfs	BBC	Woofferton	300	126	SOMALI	E AF
15460	1630-1700	smtwtfs	AWR	Dhabbaya	250	225	AWR SOMALI	E AF
15470	1830-1930	smtwtfs	NEW	Woofferton	250	152	HIRONDELLE	AF
15485	0700-1700	smtwtfs	BBC	Skelton	300	180	ENGLISH (EUR)	W EUR
15495	1700-1730	.t..f.	MNO	Rampisham	500	95	LEADING THE WAY	WAS
15495	1700-1730	s...s	MNO	Rampisham	500	76	LEADING THE WAY	RUSS
15495	1730-1745	.mtwtf.	UNR	Skelton	300	110	UN RADIO	ME
15500	1400-1700	smtwtfs	NEW	Rampisham	500	105	RADIO FOR PEACE	ME
15510	0100-0130	smtwtfs	BBC	Nakhon Sawan	250	305	HINDI	S AS
15510	0130-0200	smtwtfs	BBC	Nakhon Sawan	250	305	URDU	S AS
15520	1700-1730	smtwtfs	AWR	Dhabbaya	250	225	AWR AFAR	E AF
15520	1500-1700	smtwtfs	YFR	Dhabbaya	250	85	YFR ENGLISH	S AS
15520	1400-1500	smtwtfs	YFR	Dhabbaya	250	85	YFR HINDI	S AS
15530	0400-0530	smtwtfs	FEB	Samara	250	188	FEBA ARABIC	ME
15535	1300-1330	.mtwtf.	BBC	Rampisham	500	62	KAZAKH	C AS
15540	1530-1545	smtwtfs	BBC	Singapore	100	315	BBC ENGLISH (LD)	S AS
15540	1500-1530	smtwtfs	BBC	Singapore	100	315	NEPALI	S AS
15555	0900-1630	smtwtfs	BBC	Cyprus	250	150	ARABIC	ME
15565	0500-0700	smtwtfs	BBC	Cyprus	300	7	ENGLISH (MEF)	RUSS
15565	0700-1800	smtwtfs	BBC	Rampisham	500	62	ENGLISH (MEF)	RUSS
15575	0300-0500	smtwtfs	BBC	A'Seela	250	20	ENGLISH (MEF)	ME
15575	0500-0730	smtwtfs	BBC	Cyprus	250	92	ENGLISH (MEF)	W AS
15575	0730-0900	s.....s	BBC	Cyprus	250	92	ENGLISH (MEF)	W AS
15575	0900-1200	smtwtfs	BBC	Cyprus	250	92	ENGLISH (MEF)	W AS

15575	1200-1500	smtwtfs	BBC	Cyprus	250	117	ENGLISH (MEF)	ME
15585	1830-1845	.mtwtf.	UNR	Rampisham	500	115	UN RADIO	ME
15590	1230-1330	smtwtfs	MNO	Dhabbaya	250	85	GOSPEL FOR ASIA	S AS
15665	1800-1900	s.....	SHB	Furman	500	25	HERALD CC ENGLISH	CAN,EU
15665	1900-2000	s.t.t..	SHB	Furman	500	25	HERALD CC ENGLISH	CAN,EU
15665	2100-2200	sm.w..s	SHB	Furman	500	25	HERALD CC ENGLISH	CAN,EU
15665	2000-2100	....t..	SHB	Furman	500	25	HERALD CC FRENCH	CAN,EU
15665	1800-1900	.m.w.f.	SHB	Furman	500	25	HERALD CC GERMAN	CAN,EU
15665	1900-2000	.....s	SHB	Furman	500	25	HERALD CC GERMAN	CAN,EU
15665	2100-2200	.t..f.	SHB	Furman	500	25	HERALD CC GERMAN	CAN,EU
15665	2000-2100	.m.w..s	SHB	Furman	500	25	HERALD CC PORTUGUESE	CAN,EU
15665	2100-2200	....t..	SHB	Furman	500	25	HERALD CC PORTUGUESE	CAN,EU
15665	1800-1900	.t.t.t.s	SHB	Furman	500	25	HERALD CC RUSSIAN	CAN,EU
15665	1900-2000	.m.w.f.	SHB	Furman	500	25	HERALD CC RUSSIAN	CAN,EU
15665	2000-2100	s.t..f.	SHB	Furman	500	25	HERALD CC SPANISH	CAN,EU
17540	1600-1700	.....s	SHB	Furman	500	87	HERALD CC ENGLISH	AF
17540	1700-1800	.t.t.t.s	SHB	Furman	500	87	HERALD CC ENGLISH	AF
17540	1800-1900	s..w...	SHB	Furman	500	102	HERALD CC ENGLISH	AF
17540	1900-2000	smtwtfs	SHB	Furman	500	102	HERALD CC ENGLISH	AF
17540	1600-1700	.m.w.f.	SHB	Furman	500	87	HERALD CC FRENCH	AF
17540	1700-1800	s..w.f.	SHB	Furman	500	87	HERALD CC FRENCH	AF
17540	1600-1700	s.t.t..	SHB	Furman	500	87	HERALD CC PORTUGUESE	AF
17540	1700-1800	.m.....	SHB	Furman	500	87	HERALD CC PORTUGUESE	AF
17540	1800-1900	.mt.tfs	SHB	Furman	500	102	HERALD CC PORTUGUESE	AF
17555	0900-1130	smtwtfs	BBC	Moosbrunn	100	115	ARABIC	ME
17560	1830-1845	.mtwtf.	UNR	Skelton	300	180	UN RADIO	N AF
17585	1200-1630	smtwtfs	BBC	Woofferton	300	158	ARABIC	N AF
17585	1000-1100	smtwtfs	NHK	Dhabbaya	500	315	NHK ENGLISH	SE EUR
17605	1900-2030	smtwtfs	BBC	Santiago	100	45	BRAZILIAN	S AM
17610	0730-1200	smtwtfs	BBC	Skelton	300	150	ARABIC	N AF
17615	0130-0200	smtwtfs	BBC	Nakhon Sawan	250	300	DARI	ME
17615	0230-0300	smtwtfs	BBC	Nakhon Sawan	250	300	HINDI	S AS
17615	0100-0130	smtwtfs	BBC	Nakhon Sawan	250	300	PASHTO	SW AS
17615	0200-0230	smtwtfs	BBC	Nakhon Sawan	250	300	PASHTO	SW AS
17625	1200-1500	smtwtfs	MNO	Santiago	100	45	CHINA RADIO	S AM
17630	1900-2030	smtwtfs	BBC	Antigua	250	160	BRAZILIAN	S AM
17640	0500-0700	smtwtfs	BBC	Cyprus	250	173	ENGLISH (AFE)	E AF
17640	0800-1500	smtwtfs	BBC	Rampisham	500	62	ENGLISH (MEF)	RUSS
17640	0800-1500	smtwtfs	BBC	Skelton	300	140	ENGLISH (MEF)	EUR
17650	0800-1000	smtwtfs	NHK	Ascension	250	27	NHK JAPANESE	AF
17655	0030-0100	smtwtfs	BBC	Nakhon Sawan	250	25	BBC ENGLISH (LD)	FE
17655	0000-0030	smtwtfs	BBC	Nakhon Sawan	250	25	ENGLISH (ASE)	FE
17670	1600-1700	smtwtfs	IBB	Woofferton	300	102	RFE RL RADIO FARDA	ME
17675	1000-1200	s.....	MNO	Ascension	250	27	LDS CHURCH	W AF
17695	0700-0729	smtwtfs	BBC	Meyerton	500	350	FRENCH	C AF
17705	1630-1800	smtwtfs	BBC	Rampisham	500	47	RUSSIAN	RUSS
17710	0230-0300	smtwtfs	BBC	Irkutsk	250	224	HINDI	S AS
17720	1300-1330	.mtwtf.	BBC	Rampisham	500	62	KAZAKH	C AS
17720	1000-1100	smtwtfs	NHK	Dhabbaya	500	285	NHK ENGLISH	ME
17720	0800-1000	smtwtfs	NHK	Dhabbaya	500	285	NHK JAPANESE	ME
17720	1400-1500	smtwtfs	NEW	Rampisham	500	85	RADIO FOR PEACE	C AS
17720	1700-1715	.mtwtf.	UNR	Skelton	300	180	UN RADIO	N AF
17735	1730-1830	.mtwtf.	MNO	Rampisham	500	95	CHANNEL ONE	ME
17740	1330-1400	smtwtfs	AWR	Dhabbaya	250	20	AWR RUSSIAN	C AS
17745	2000-2100	smtwtfs	IBB	Ascension	250	55	VOA ENGLISH AFRICA	AF
17745	1230-1300	.....s	MNO	Rampisham	500	62	WALES RADIO INT	OC
17750	1400-1600	smtwtfs	IBB	Woofferton	300	102	RFE RL RADIO FARDA	ME
17750	2100-2130	.mtwtf.	IBB	Ascension	250	27	VOA FRENCH AFRICA	AF
17760	0300-0500	smtwtfs	BBC	Nakhon Sawan	250	25	ENGLISH (ASE)	FE
17760	0500-1000	smtwtfs	BBC	Singapore	100	13	ENGLISH (ASE)	SE AS
17760	1000-1400	smtwtfs	BBC	Nakhon Sawan	250	25	ENGLISH (ASE)	FE
17770	0600-0657	smtwtfs	RFI	Kigali	250	280	RFI FRENCH	C AF

17780	1230-1245	smtwtfs	BBC	Ascension	250	27	BBC ENGLISH (FRENCH)	W AF
17780	1200-1230	smtwtfs	BBC	Ascension	250	27	FRENCH	W AF
17780	0600-0800	smtwtfs	NEW	Rampisham	500	85	RADIO FOR PEACE	C AS
17785	1630-1700	smtwtfs	IBB	Ascension	250	85	VOA SWAHILI	E AF
17785	1700-1730	.mtwtf.	IBB	Ascension	250	85	VOA SWAHILI	E AF
17790	1100-1130	smtwtfs	BBC	Ascension	250	245	ENGLISH (AME)	S AM
17790	0000-0100	smtwtf.	BBC	Singapore	100	315	ENGLISH (ASS)	S AS
17790	0100-0300	smtwtfs	BBC	Singapore	100	315	ENGLISH (ASS)	S AS
17790	0300-0700	smtwtfs	BBC	Nakhon Sawan	250	280	ENGLISH (ASS)	S AS
17790	0700-1600	smtwtfs	BBC	A'Seela	250	63	ENGLISH (ASS)	S AS
17790	1600-1700	smtwtfs	BBC	Cyprus	250	92	ENGLISH (ASS)	SW AS
17790	0000-0100	.....s	BBC	Singapore	100	315	ENGLISH (NEWS)	S AS
17810	1345-1415	smtwtfs	BBC	Ascension	250	55	HAUSA	W AF
17810	1730-1745	.mtwtf.	UNR	Ascension	250	65	UN RADIO	W C AF
17815	1200-1230	smtwtfs	RFI	Ascension	250	27	RFI ENGLISH	W AF
17830	0800-1000	smtwtfs	BBC	Ascension	250	65	ENGLISH (AFW)	W C AF
17830	1000-1100	s.....s	BBC	Ascension	250	65	ENGLISH (AFW)	W C AF
17830	1100-2100	smtwtfs	BBC	Ascension	250	65	ENGLISH (AFW)	W C AF
17830	2100-2300	smtwtfs	BBC	Seychelles	250	270	ENGLISH (AFW)	W AF
17850	1100-1130	smtwtfs	BBC	Cyprus	250	160	SOMALI	E AF
17855	1600-1700	smtwtfs	NEW	Rampisham	500	85	RADIO FOR PEACE	C AS
17860	1700-1715	.mtwtf.	MNO	Woofferton	250	114	BIBLE VOICE	ME
17860	0500-0600	smtwtfs	DWL	Dhabbaya	250	220	DW ENGLISH	E AF
17865	0500-0530	smtwtfs	ABC	Singapore	250	13	ABC KHMER	SE AS
17865	0530-0600	smtwtfs	ABC	Singapore	250	13	ABC VIETNAMESE	SE AS
17870	0830-0900	smtwtfs	BBC	Cyprus	300	50	DARI	ME
17870	0930-1000	smtwtfs	BBC	Cyprus	300	50	DARI	ME
17870	1030-1100	smtwtfs	BBC	Cyprus	300	50	DARI	ME
17870	1400-1500	smtwtfs	BBC	Cyprus	300	50	DARI	ME
17870	1230-1330	smtwtfs	NHK	Ascension	250	85	NHK FRENCH	AF
17870	0900-0930	smtwtfs	BBC	Cyprus	300	50	PASHTO	W AS
17870	1000-1030	smtwtfs	BBC	Cyprus	300	50	PASHTO	W AS
17870	1100-1130	smtwtfs	BBC	Cyprus	300	50	PASHTO	W AS
17875	1200-1230	smtwtfs	IBB	Ascension	250	245	VOA SPANISH	L AM
17885	1915-1930	smtwtfs	BBC	Ascension	250	27	BBC ENGLISH (AFR)	W AF
17885	0500-0529	smtwtfs	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
17885	0529-0559	.mtwtf.	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
17885	0559-0600	smtwtfs	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
17885	0600-0800	s.....s	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
17885	0800-1400	smtwtfs	BBC	Seychelles	250	270	ENGLISH (AFE)	E AF
17885	0430-0500	smtwtfs	BBC	Seychelles	250	240	FRENCH	E AF
17885	1800-1830	smtwtfs	BBC	Ascension	250	27	FRENCH	W AF
17885	0529-0559	s.....s	BBC	Seychelles	250	270	GREAT LAKES	E AF
17885	1930-2000	smtwtfs	BBC	Ascension	250	55	HAUSA	W AF
17885	0400-0430	smtwtfs	BBC	Seychelles	250	270	SWAHILI	E AF
17895	1500-1600	smtwtfs	NEW	Rampisham	500	85	RADIO FOR PEACE	C AS
21470	0800-1300	smtwtfs	BBC	Seychelles	250	240	ENGLISH (AFE)	S AF
21470	1300-1900	smtwtfs	BBC	Ascension	250	114	ENGLISH (AFE)	S AF
21490	1400-1415	.mtw...	BBC	Cyprus	250	160	BBC ENGLISH (SOMALI)	E AF
21490	1500-1530	smtwtfs	BBC	Meyerton	500	7	ENGLISH (AFE)	S AF
21490	1615-1700	s.....s	BBC	Meyerton	500	7	ENGLISH (AFE)	S AF
21490	1630-1700	.mtwtf.	BBC	Meyerton	500	7	GREAT LAKES	E AF
21490	1400-1415	....tf.	BBC	Cyprus	250	160	SOMALI	E AF
21490	1415-1500	smtwtfs	BBC	Cyprus	250	160	SOMALI	E AF
21490	1530-1615	smtwtfs	BBC	Meyerton	500	7	SWAHILI	E AF
21490	1615-1630	.mtwtf.	BBC	Meyerton	500	7	SWAHILI	E AF
21515	0930-1030	smtwtfs	BBC	Skelton	300	90	FARSI	ME
21515	1030-1130	.....f.	BBC	Skelton	300	90	FARSI	ME
21520	1000-1200	s.....s	MNO	Ascension	250	65	LDS CHURCH	W C AF
21535	1700-1715	.mtwtf.	UNR	Meyerton	500	342	UN RADIO	S C AF
21550	1030-1130	..t....	MNO	Dhabbaya	250	225	UNMEE	E AF
21615	0000-0030	smtwtfs	ABC	Tinian	250	255	ABC INDONESIAN	SE AS

21630	1800-1830	smtwtfs	BBC	Ascension	250	70	FRENCH	W C AF
21630	1600-1700	smtwtfs	NHK	Ascension	250	85	NHK ENGLISH	AF
21630	1500-1600	smtwtfs	NHK	Ascension	250	85	NHK JAPANESE	AF
21630	0957-1056	s.....	VRT	Meyerton	250	355	VRT FLEMISH	AF
21630	1057-1126	smtwtfs	VRT	Meyerton	250	355	VRT FLEMISH	AF
21640	1230-1245	smtwtfs	BBC	Ascension	250	85	BBC ENGLISH (FRENCH)	W C AF
21640	1330-1345	smtwtfs	BBC	Ascension	250	65	BBC ENGLISH (HAUSA)	W AF
21640	1200-1230	smtwtfs	BBC	Ascension	250	85	FRENCH	W C AF
21640	1345-1415	smtwtfs	BBC	Ascension	250	65	HAUSA	W AF
21660	1030-1100	smtwtfs	BBC	Nakhon Sawan	250	20	BBC ENGLISH (ASIA E)	FE
21660	1400-1600	smtwtfs	BBC	Cyprus	250	175	ENGLISH (AFE)	E AF
21660	0300-0500	smtwtfs	BBC	Nakhon Sawan	250	45	ENGLISH (ASE)	FE
21660	0500-0800	smtwtfs	BBC	Singapore	100	40	ENGLISH (ASE)	FE
21660	0800-1030	smtwtfs	BBC	Nakhon Sawan	250	45	ENGLISH (ASE)	FE
21660	1100-1300	smtwtfs	BBC	Nakhon Sawan	250	13	MANDARIN	CHN
21680	1700-1800	smtwtfs	YFR	Ascension	250	85	YFR ENGLISH	E AF
21730	1200-1250	smtwtfs	DWL	Dhabbaya	250	105	DW INDONESIAN	SE AS
21765	1100-1130	smtwtfs	BBC	Cyprus	250	160	SOMALI	E AF
21780	0400-0430	smtwtfs	ABC	Tinian	250	255	ABC INDONESIAN	SE AS
21790	0900-1000	s.....	MNO	Dhabbaya	250	225	UNMEE	E AF
21830	0300-0500	smtwtfs	BBC	Cyprus	250	92	ENGLISH (ASS)	SW AS

(via Swopan Chakroborty, conversion from spreadsheet to text by WDXC-HQ; March 18, 2004)

Christian Vision shortwave A04 radio schedules, valid from 28th March 2004. Website <<http://www.christianvision.com>>.

Asia (Voice International) [from Darwin, Australia; and? Tashkent?]

Freq	UTC	Language	Target	Target
6115	1800-2100	English	India / Indonesia	Africa (Radio Christian Voice, Zambia)
7180	1300-1700	Indonesian	Indonesia	4965 1600-0500 English Central / Southern Africa
9855	1400-1700	Hindi	India	9865 0500-1600 English Central / Southern Africa
11850	0100-0400	Hindi	India	Latin America (Voz Cristiana/Voz Cristã) [from Chile]
11955	0900-1100	English	Indonesia	5995 0800-1100 Spanish Northern South America
13630	0500-1100	Hindi	India	6070 2200-1200 Spanish Southern South America
13635	1100-1800	English	India / Indonesia	6110 0800-1100 Portuguese Brazil
13660	1400-1800	Chinese	China	9635 1200-2200 Spanish Southern South America
13685	0900-1300	English	China	11745 2300-0800 Portuguese Brazil
13770	0900-1400	Chinese	China	11935 1100-1300 Spanish Mexico, Central America
13785	1100-1400	Hindi	India	15365 2000-2300 Portuguese Southern Africa
15165	2200-0100	Chinese	China	15375 0000-0800 Spanish Northern South America
15250	2300-0200	Indonesian	Indonesia	15475 2100-0100 Portuguese Brazil
15365	1000-1300	Indonesian	Indonesia	17680 1100-2400 Spanish Northern South America
17820	0600-1000	Indonesian	Indonesia	21500 1100-2300 Portuguese Brazil
17830	0700-0900	Chinese	China	21550 1300-1400 Spanish Mexico, Central America

(Andrew Flynn - Head of Engineering Christian Vision via Alokesh Gupta; in DXLD #4-053, March 23, 2004)

USA: Ed Evans, Station Manager of shortwave station **WSHB** in Cypress Creek, South Carolina which went silent at the end of March, informs us that Herald Broadcasting has signed a letter of intent with a buyer for the station. Ed himself is leaving the station at the end of this week, and we'd like to wish him well for the future. (©RNMN April 13, 2004; via JKB)

Global Catholic Radio - WEWN frequency guide A04 effective March, 30 - October 31, 2004. WEWN is a privately-owned Catholic radio station, operated by the Eternal Word TV Network (EWTN). Station began broadcasting on 28th December 1992. Email Contact Glen Tapley, Frequency Manager, <gtapley@ewtn.com>. Postal Address: 5817 Old Leeds Road Irondale, AL. 35210, USA.

North America	Latin America	Europe/Africa	UTC	5825	7425/13615	7580	0600
English/Spanish	Spanish	English		5825	7425/11875	7580	0700
5825	7425/13615	5825*	0000	5825	7425/11875	7580	0800
5825	7425/13615	5825*	0100	5825	7425/11875	Off Air	0900
5825	7425/13615	5825*	0200	7520	7425/11875	Off Air	1000
5825	7425/13615	5825*	0300	7520	7425/11875	Off Air	1100
5825	7425/13615	5825*	0400	7520	9355/13615	Off Air	1200
5825	7425/13615	5825*	0500	7520	9355/13615	Off Air	1300

9955	9355/15745	Off Air	1400	13615	11530/15745	15685	1900
9955	11530/15745	Off Air	1500	13615	11530/15745	17595	2000
13615	11530/15745	Off Air	1600	13615	11530/15745	17595	2100
13615	11530/15745	15685	1700	9975	9355/13615	15745	2200
13615	11530/15745	15685	1800	9975	9355/13615	15745	2300

* = Secondary service to Europe during this time - signal strength marginal.

** = Primary is Africa -- Secondary is Europe.

(EWTN web page modified on 12 May 2004, via JKB)

World Wide Christian Radio - WWCR has four 100 kW state-of-the-art transmitters which serve the world on 10 different broadcasting channels. Together our transmitters provide over 400 religious and talk programs direct from Nashville, Tennessee to a global audience. WWCR (Nashville) A04 Summer Schedule:

FREQ	TIME (UTC)	DATES					
				9985	1200-1500	04 Apr 04-31	May 04
Transmitter #1 - 100 KW - 46 Degrees				12160	1500-2300	04 Apr 04-31	May 04
9475	0900-1000	04 Apr 04-31	May 04	5070	2300-1200	04 Apr 04-31	May 04
15825	1000-2200	04 Apr 04-31	May 04	9985	1200-1500	01 Jun 04-31	Aug 04
9475	2200-0000	04 Apr 04-31	May 04	12160	1500-0000	01 Jun 04-31	Aug 04
3210	0000-0900	04 Apr 04-31	May 04	5070	0000-1200	01 Jun 04-31	Aug 04
9475	0900-1000	01 Jun 04-31	Aug 04	9985	1200-1500	01 Sep 04-30	Oct 04
15825	1000-2200	01 Jun 04-31	Aug 04	12160	1500-2300	01 Sep 04-30	Oct 04
9475	2200-0100	01 Jun 04-31	Aug 04	5070	2300-1200	01 Sep 04-30	Oct 04
3210	0100-0900	01 Jun 04-31	Aug 04	Transmitter #4 - 100 KW - 90 Degrees			
9475	0900-1000	01 Sep 04-30	Oct 04	7465	1200-1500	04 Apr 04-31	May 04
15825	1000-2200	01 Sep 04-30	Oct 04	9475	1500-2200	04 Apr 04-31	May 04
9475	2200-0000	01 Sep 04-30	Oct 04	7465	2200-0300	04 Apr 04-31	May 04
3210	0000-0900	01 Sep 04-30	Oct 04	5770	0300-1200	04 Apr 04-31	May 04
Transmitter #2 - 100 KW - 85 Degrees				7465	1100-1500	01 Jun 04-31	Aug 04
13845	1200-0100	04 Apr 04-31	May 04	9475	1500-2200	01 Jun 04-31	Aug 04
5935	0100-1200	04 Apr 04-31	May 04	7465	2200-0200	01 Jun 04-31	Aug 04
13845	1200-0200	01 Jun 04-31	Aug 04	5770	0200-1000	01 Jun 04-31	Aug 04
5935	0200-1200	01 Jun 04-31	Aug 04	7465	1200-1500	01 Sep 04-30	Oct 04
13845	1200-0100	01 Sep 04-30	Oct 04	9475	1500-2200	01 Sep 04-30	Oct 04
5935	0100-1200	01 Sep 04-30	Oct 04	7465	2200-0300	01 Sep 04-30	Oct 04
Transmitter #3 - 100 KW - 40 Degrees				5770	0300-1200	01 Sep 04-30	Oct 04

(WWCR schedule at the web, revision 27 April 2004, via JKB)

YUGOSLAVIA: International Radio of Serbia and Montenegro - RSCG. RSCG is an abbreviation of the station's Serbian name: Radio Srbija i Crna Gora. Programme schedule, A04 period April 4, 2004 to October 31, 2004. Address: Radio Jugoslavija, Hilendarska 2 /IV, 11000 Beograd, Yugoslavia. Fax: +381 11 32 32 014. Email: <radioyu@bitsyu.net>. WWW: <<http://www.radioyu.org>>.

Time (UTC)	Language	Target	KHz	KW	Az.
0000-0030	ENGLISH 1 (Except Sun)	N.AMERICA/ce EUROPE/w	9580	250	310
0030-0100	SERBIAN (RTS)	N.AMERICA/ce EUROPE/w	9580	250	310
0430-0500	ENGLISH 2	N.AMERICA/w EUROPE/w	9580	250	310
1430-1500	ARABIC 1	ARABIA	11800	250	130
1500-1530	RUSSIAN 1	RUSSIA/MOS...	11870	250	40
1530-1545	HUNGARIAN 1	HUNGARY	6100	250	0
1545-1600	GREEK 1	GREECE	6100	250	130
1600-1630	FRENCH 1	EUROPE/w	9620	250	310
1630-1700	GERMAN 1	EUROPE/w	9620	250	310
1700-1715	ALBANIAN 1	ALBANIA	6100	250	180
1715-1730	BULGARIAN 1	BULGARIA	6100	250	130
1730-1800	ITALIAN 1	EUROPE/w	9620	250	310
1800-1830	RUSSIAN 2	RUSSIA/MOS...	6100	250	40
1830-1900	ENGLISH 3	EUROPE/w	6100	250	310
1900-1930	SPANISH 1	SPAIN	7200	250	250
1930-2000	SERBIAN 1 (Except Sat)	EUROPE/w	6100	250	310
2000-2030	GERMAN 2 (Except Satur)	EUROPE/w	6100	250	310

1930-2030	SERBIAN (spec.) (Sat only)	EUROPE/w	6100	250	310
2030-2100	FRENCH 2	EUROPE/w	6100	250	310
2100-2130	ENGLISH 4	EUROPE	6100	250	310
2130-2200	SERBIAN 2 (Except Sat)	AUSTRALIA	7230	250	100
2130-2230	SERBIAN(spec.) (Sat)	AUSTRALIA	7230	250	100
2200-2230	ENGLISH 5 (Except Sat)	AUSTRALIA	7230	250	100
2230-2300	CHINESE 1	CHINA	9580	250	55
2300-2330	SPANISH 2	S.AMERICA/w	9680	250	265
2330-2400	SERBIAN 3 (Except Sun)	N.AMERICA/ce EUROPE/w	9580	250	310
2230-0030	SERBIAN (spec.) (Sun only)	N.AMERICA/ce EUROPE/w	9580	250	310

(RSCG schedule at the web last modified 4 Dec 2003, via JKB)

Sources & Contributors:

Alokesh Gupta New Delhi - India.
 BC-DX News Bulletin by Wolfgang W. Bueschel - Germany.
 CONEXION CONEXION Digital - Buenos Aires, Argentina.
 DXLD Glenn Hauser's DX LISTENING DIGEST - USA.
 JKB Dr. Juergen Kubiak, Berlin - Germany.
 OBSERVER Fortnightly edition of Radio Bulgaria's Frequency Management.
 RNMN R. Netherlands Media Network ©.
 Swopan Chakroborty Kolkata - India.
 WB Wolfgang W. Bueschel, Stuttgart - Germany.
 WDXC-HQ WDXC Headquarter, Michael Bethge - Germany.

Abbreviations:

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

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

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DX LOGBOOK

Logs around the clock

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MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
603.0	0305	322	G	BBC Studio,Newcastle upon Tyne	English	Local News	2604	MF
630.0	0350	333	TUR	TRT 1	Turkish	ID,Music	2804	MF
702.0	2221	343	D	NDR Info,Flensburg	German	Marine weather	0504	HJK
738.0	0400	333	ISR	IBA	Arabic	Local News	2804	MF
855.0	1955	322	G	BBC Studio Plymouth	English	Sports	0704	MF
1161.0	2015	232	G	Brunel Classic Gold	English	What is good for us in ME	0704	MF
1368.0	0340	322	G	BBC Studio,Wiltshire	English	Wiltshire News	2604	MF
1386.0	2131	343	KAL	Radio China Intl., via Kalinningrad	German	Talks on telephone	1904	HJK
1395.0	1630	343	HOL	Radio Tien Gold	Dutch	Sport,ID,Jingles	0804	HJK
1431.0	1900	333	G	Classic Gold Reading	English	Economics	2804	MF
1476.0	2105	443	AUT	Radio Vorarlberg	German	Alpine music,ID	0504	HJK
1485.0	0420	222	G	BBC Studio,Hull	English	News from Humberside	2604	MF
1503.0	2130	322	G	BBC Studio	English	ID,Music	0804	MF
1548.0	2145	111	G	BBC Studio,Great Sheffield	English	Working standards on Sports	0804	MF
1584.0	2043	433	I	Radio Studio X	German	Oldies of the 80ies	1304	HJK
1592.0	2140	433	KWT	Radio Farda	Arabic	Political talks on Iraq	0504	HJK
1611.0	1848	544	CVA	Radio Vatican	Swedish	DX-Program	0704	HJK
1630.8	1723	332	F	Radio Toulouse	Dutch	Music	0304	HJK

TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
3279.5	0220	232	EOA	LV de Napo	Spanish	Talks,Instrumental music	2004	HJK
3315.0	0024	333	IND	AIR,Bhopal	Hindi	IS,S/on,Program	0504	HJK
3910.0	1829	443	IRL	Reflection Europe	English	Religious program	1004	HJK
3915.0	2100	343	SNG	BBC,Singapore	English	News,ID	0104	HJK
3939.0	1904	232	KOR	KBS,Hwasong	Korean	Talks by a man	1304	HJK
3950.0	2352	343	CHN	Xinjiang PBS	Chinese	Program	0404	HJK
3980.0	0012	333	CHN	Xinziang PBS	Uighur	Political talks	0504	HJK
4010.0	0017	433	KGZ	Radio Kirghizstan	English	News	0504	HJK
4750.0	0250	232	SDN	Radio Peace	English	ID,Program	1604	HJK
4765.0	0250	233	B	Radio Rural	Portugese	Program	2004	HJK
4774.9	0301	343	B	Radio Diff. Roraima	Portugese	Political talks,ID	2004	HJK
4775.0	0350	343	SWZ	TWR,Mpangela Range	Lomwe	Religious program	2104	HJK
4795.0	0031	343	KGZ	Radio Kirghizstan	Kirghiz	Program	0504	HJK
4800.0	0036	433	IND	AIR,Hyderabad	Telegu	News,ID	0504	HJK
4805.0	0045	343	B	Radio Amazonas,Manaus	Portugese	Brasilian music	0504	HJK
4825.0	0052	343	B	Radio Cancao Nova	Portugese	Romantic Brasilian music	0504	HJK
4840.0	0059	443	IND	AIR,Mumbai	Hindi	News,Report on Pakistan	0504	HJK

4860.0	0107	333	IND	AIR,Delhi	Hindi	Northern service	0504	HJK
4885.0	0312	333	B	Radio Clube do Para	Portugese	Folk music	2004	HJK
4905.0	2051	443	CHN	Xizang PBS	Chinnese	English oldies,ID	0504	HJK
4915.1	0320	333	B	Radio Difusora Macape	Portugese	Musica romantica,ID	2004	HJK
4950.0	2043	444	STP	VOA,Pinheira	Hausa	Interviews,Rwanda talks	0504	HJK
4950.0	0454	332	AGL	Radio Nacional de Angola	Portugese	Afro Folklore	0804	HJK
4985.0	0328	343	B	Radio Brasil Central	Portugese	Brasilian Folklore	2004	HJK
5009.8	0146	232	DOM	Radio Cristal	Spanish	Pop music,Beatles song	0504	HJK
5015.0	0050	443	TKM	Radio Bukhara	Turkmen	Program	0204	HJK
5020.0	2308	333	CLN	SLBC,Colombo	Tamil	Program	0604	HJK
5025.0	2322	443	CUB	Radio Rebelde	Spanish	Report on Afghanistan	0504	HJK
5040.0	0041	333	IND	AIR,Jeyapore	Vernacular	Indian Folklore	0204	HJK
5050.1	2035	343	TZA	Radio Tanzania	Vernaculars	African Folklore	0504	HJK
5070.0	0147	454	USA	WWCR	English	DX Party Line	1804	RL
5085.0	0022	443	USA	WWRB	English	Religious program	0204	HJK

SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5500.0	0405	132	ETH	Voice of Tigrey Revolution	Tigrinya	News	1604	HJK
5905.0	0731	444	D	Bible Voice Broadcasting via Juleich	English	Religious Program	1404	HJK
5915.0	1703	333	ISR	KOL,Israel	Arabic	Arabic Folklore	0104	HJK
5925.0	2015	343	VTN	Voice of Vietnam	Vietnamese	Home Service 2,Popmusic	0504	HJK
5935.0	2005	233	CHN	Xizang PBS	Chinese	Instrumental music	0504	HJK
5950.0	0339	343	YEM	Yemen Radio	Arabic	Political talks	1504	HJK
5952.5	2345	232	BOL	Emisora Pio XII	Spanish	Talks	1304	HJK
5965.0	0328	232	CUB	Radio Habana Cuba	Spanish	Political talks	1504	HJK
5985.0	1736	332	COG	RCTV,Brazzaville	French	African Folklore	0504	HJK
5990.0	0137	333	IND	AIR,Delhi	Sindhi	Indian Folklore	1704	HJK
5990.0	0259	343	ETH	Radio Ethopia	Vernaculars	IS,S/on,Bells,News	2104	HJK
5990.0	0014	444	CUB	China Radio Spanish	Spanish	News	0604	HJK
5995.0	0558	232	MLI	Radiodiff. Malienne	French	S/on,IS,Talks	2004	HJK
6000.0	2310	444	SNG	City Sounds	Chinese	Hits,Advts.,Speaker	1404	HJK
6000.0	0040	232	CUB	Radio Rebelde	Spanish	Canada & Cuba	1904	MF
6010.0	0129	534	CAN	Radio Sweden	English	Sixty Degrres North	2104	RL
6015.0	1300	444	D	Radio Maeva Intl.,	English/Dutch	Light Orchestra,Caroline History	1704	HJK
6020.0	1342	544	AUS	Radio Australia	English	Comfort Zone	2104	RL
6020.3	0451	232	PRU	Radio Victoria	Spanish	ID,Music,News	1604	HJK
6035.0	0316	333	CLM	LV Guaviare	Spanish	Football with Brasil,ID	1504	HJK
6039.9	0004	333	B	Radio Clube Paranaense	Portugese	Jingles.ID,Culture program	2004	HJK
6040.0	1334	132	BLR	Belaruskaje Radio	Belarussian	Magazine	0504	HJK
6045.0	1830	323	BGD	Radio Bangladesh	Bengali	Folklore,Music	1304	MF
6045.0	2146	333	ZWE	ZBC,Radio 2	English	Program	0604	HJK
6045.0	1720	443	IND	AIR,Delhi	Nepali	Folklore,Political talks	0504	HJK
6047.2	0032	232	MEX	Radio Universidade	Spanish	Reports from Mexico	0704	HJK
6050.0	0310	433	EQA	HCJB,Quito	Spanish	Family Program,Christian Words	1504	HJK
6055.0	0301	433	RRW	Radio Rwanda	French	S/on,National anthem,Choir	1504	HJK
6080.0	1410	554	SNG	Radio Australia	English	PM	2104	RL
6085.0	0250	222	CUB	Voice of Vietnam	Spanish	Vietnam News	2504	MF
6085.0	0226	433	OMA	Radio Oman	Arabic	Arab Folklore,Talks	1604	HJK
6089.9	0610	232	NIG	FRCN,Kaduna	Vernaculars	Afro Folklore	2004	HJK
6090.0	0156	333	AIA	Dr.Gene Scott	English	Rock n Roll music,ID,Prayers	2104	HJK
6100.0	0410	433	SWZ	TWR,Mpangela Range	Shewa	Religious program	0804	HJK
6114.8	0205	232	PRU	Radio Union,Lima	Spanish	Andean Folklore	2104	HJK
6115.0	0421	443	BLR	Belaruskaje Radio	Belarussian	Advt.,Jingle	2104	HJK
6130.0	1514	444	AUT	AWR,Moosbrun	German	Children's program	0404	HJK
6134.8	0040	343	BOL	Radio Santa Cruz	Spanish	Andean Folklore	2004	HJK
6134.9	2338	232	B	Radio Aparecida	Portugese	Brasilian Folklore	1304	HJK
6145.0	0110	443	UAE	Gospel for Asia	Vernacular	Religious program	1704	HJK
6145.0	0218	343	UAE	FEBA	Baluchi	ID,Religious program,address	1604	HJK
6150.0	1346	434	SNG	Radio Singapore	English	Book,Snap shot News	2104	RL

6150.0	0130	112	CLN	TWR	English	God is our solution in Afghanistan	0604	MF
6160.0	0325	433	AFS	Channel Africa	English	Sport,ID	1704	HJK
6165.0	2340	444	ATN	AWR,Bonaire	Spanish	Religious program	1604	HJK
6165.0	0246	342	ZMB	ZNBC,Lusaka	Vernaculars	IS,S/on Program	1504	HJK
6170.0	0100	232	B	Radio Cultura	Portugese	ID,Talks,Classic music	2004	HJK
6175.0	0001	333	NMB	NBC,Windhoek	English	Nonstop pop oldies	0904	HJK
6180.0	2322	333	B	Radio Nacional de Amazonia	Portugese	Report from from Rio de Janerio	1304	HJK
6185.0	0530	232	MEX	Radio Educacion	Spanish	Piano music	1604	HJK
6193.5	0121	232	PRU	Radio Cusco	Spanish	LA Folklore	2004	HJK
6210.0	1703	332	IRN	IRIB	Vernacular	Koran, News	0504	HJK
6225.7	1635	233	PAK	Radio Pakistan	English	News,ID	1804	HJK
6226.1	0007	343	PAK	Radio Pakistan	Vernacular	Folklore songs	0904	HJK
6250.2	1710	232	KRE	PBS,Pyongyang	Korean	Program	0404	HJK
6956.9	0131	131	PRU	LV de Campesino	Spanish	Talks,Andean Folklore	2004	HJK
7110.0	0355	233	ERI	Voice of Broad Masses,	Tigringa	Folklore,Talks	1604	HJK
7145.0	0624	132	BLR	Belaruskaje Radio	Belarussian	Pop music	2004	HJK
7180.0	0345	332	THA	Radio Thailand	English	Thai Policy	2804	MF
7200.0	0342	343	SDN	SNBC,Omdurman	Arabic	ID,Political talk	1604	HJK
7220.0	1540	222	VTN	Voice of Vietnam,Hanoi	Vietnamese	Music	2504	WB
7235.0	0015	333	SNG	Radio Warna	Malay	ID,Advts.,Morning program	0904	HJK
7270.0	0145	233	IND	AIR,Chennai	Tamil	Talks,Folklore	1504	HJK
7315.0	0333	554	Usa	WHRI	English	Dxing with Cumbre	1904	RL
7335.0	0031	333	ARM	FEBA via Yervan	Tamil	ID,Religious program	2104	HJK
7344.0	0106	454	CZE	Radio Prague	English	A letter from Prague	1804	RL
7360.0	0150	243	IND	AIR,Delhi	Hindi	Folklore	1504	HJK
7375.0	0720	232	CTR	Dr.Gene Scott	English	Prayers	0804	HJK
7385.0	0235	353	USA	WRMI	English	Original RMI	1804	RL
7410.0	1440	343	IND	AIR,Delhi	Vernacular	Political Report on Pakistan	0404	HJK
7415.0	1450	233	TWN	CBS	Chinese	ID,Home service	0404	HJK
7415.0	0200	343	USA	WBCQ	English	Christian Program	0204	HJK
7520.0	0605	433	USA	Radio Taiwan Intl.,	German	Export of Taiwan	0804	HJK
7569.6	2353	343	PAK	Radio Pakistan	Urdu	Folklore,Talks	1404	HJK
7580.0	0400	554	USA	WHRA,Greenbush	English	Call to Worship	1804	RL
9280.0	1410	343	TWN	WYFR	Chinese	Religious program	0504	hJK
9330.0	0002	343	USA	Christian Radio Network viaWBCQ	English	ID,Report Taiwan/China conflicts	1504	HJK
9335.0	1353	343	KRE	Voice of Korea	English	Classical music	0504	HJK
9370.0	0731	332	USA	WTJC,Newport	English	Prayers	0804	HJK
9387.6	1430	333	PAK	Radio Pakistan	Dari	ID,Program	0504	HJK
9415.0	2256	544	CZE	Radio Prague	English	City Planners,Earth Day	2204	RL
9440.0	0020	544	CZE	Radio Prague	English	Czech Science & One on One	2104	RL
9745.0	1443	343	AUS	Radio Australia	English	ID,Domestic politics	0504	HJK
9495.0	1900	454	USA	WHRI	English	Info Radio Network	1504	RL
9550.0	1550	333	VTN	Voice of Vietnam	Vietnamese	Music	2504	WB
9560.0	0221	554	CAN	Radio Korea Intl.,	English	Paul Ormandy South Pacific Dx Report	2504	RL
9565.0	0200	322	ALS	KNLS	English	Jesus comes now	2604	MF
9565.1	0026	233	B	Radio Tupi	Portugese	Football Report	1504	HJK
9580.0	011	554	BIH	Intl.Radio of Serbia & Montenegro	English	News	1904	RL
9580.0	1140	534	AUS	Radio Australia	English	Bush TelegraphNational Interest	2004	RL
9590.0	0122	544	HUN	Radio Budapest	English	Insight Central Europe	1504	RL
9600.0	0145	444	CUB	Radio Haban	Spanish	ID,Talks on Paraguay	2004	HJK
9615.0	0520	333	NZL	Radio New Zealand Intl.,	English	Phone-in,Handicapped people	2304	WB
9620.0	1455	343	IND	AIR,Delhi	Sindhi	Folklore,Program	0504	HJK
9625.0	0740	333	ATN	Radio Nederland via Bonaire	Dutch	Report over Export	0804	HJK
9625.0	0131	433	CAN	CBC,Northern Service	Eskimo	Report on Alaska	0204	HJK
9630.0	0035	333	B	Radio Aparecida	Portugese	Political talks on Brasil	1504	HJK
9630.0	0427	534	D	Duetsche Welle	English	Mailbag	2604	RL
9634.0	0820	343	MLI	Radio TV Malienne	French	African folklore	0904	HJK
9645.0	0043	233	B	Radio Bandeirantes	Portugese	Live Football	1504	HJK
9660.0	0302	534	CVA	Vatican Radio	English	Rwanda,Panorama & News for Young	1604	RL
9665.0	1955	332	B	Radio Nacional do Brasil	Portugese	Musica Brasileira	0504	HJK

9700.0	2357	454	BUL	Radio Bulgaria	English	Answering RL's letter	1804	RL
9704.2	1500	333	ETH	Radio Ethiopia	Amharic	S/on,ID,Talks	0504	HJK
9705.0	0004	433	IND	AIR,Delhi	English	ID,News commentary	2104	HJK
9735.0	0150	322	USA	WWBS	English	He comes why not	2604	MF
9736.9	0100	233	PRG	Radio Nacional del Paraguay	Spanish	ID,Football game with Argentina	1504	HJK
9745.0	0111	343	EOA	HCJB,Quito	Spanish	Religious Program,ID	1504	HJK
9770.0	0122	444	CLN	SLBC,Colombo	English	Morning Show,Greetings	1504	HJK
9770.0	0521	454	AFS	Channel Africa	English	Hello Channel Africa	1404	RL
9780.0	0505	554	EOA	HCJB,Quito	German	Land & People Colombian	2004	RL
9790.0	0231	454	HUN	Radio Budapest	English	Insight Central Europe	1504	RL
9795.0	0228	434	G	Wales Radio Intl.,	English	Riverbank wildlife survey	1704	RL
9820.0	0355	554	CUB	Radio Havana	English	Dxers Unlimited	1804	RL
9855.0	2200	333	EGY	Radio Cairo	Arabic	News,Islam	1104	MF
9870.0	0324	535	CZE	Radio Prague	English	One on One	2104	RL
9870.0	2348	534	AUT	Radio Austria Intl.,	English	Daily Report from Austria	1904	RL
9875.0	2349	534	LTU	Radio Vilnius	English	Join EU Prices go up	1904	RL
9885.0	2352	434	D	Swiss Radio Intl.,	English	Music	2004	RL
9975.0	1312	233	GUM	KTWR	Chinese	Religious program	0504	HJK
10330.0	0141	343	IND	AIR<Bangalore	Vernacular	Indian Folklore music	1504	HJK
11550.0	1601	243	TWN	Radio Taiwan Intl.,	English	News	0504	HJK
11570.0	1606	343	PAK	Radio Pakistan	English	News,Export to India	0504	HJK
11620.0	0158	233	IND	AIR,Delhi	Hindi	Folklore	1504	HJK
11635.0	2206	454	NLA	Radio Vlaanderen Intl.,	English	Radio World	2504	RL
11690.0	1610	333	JOR	Radio Jordan	English	In praise with you	2404	MF
11700.0	0244	534	BUL	Radio Bulgaria	English	Time out for music	2504	RL
11705.0	2035	222	ARG	RAE,Buenos Aires	Spanish	Sports	0604	MF
11720.0	1305	132	GUM	KTWR	Khmer	Religious program	0504	HJK
11735.0	1617	333	KRE	Voice of Korea	English	Folk songs	0504	HJK
11745.0	0204	343	CHL	Voz Cristiana	Spanish	ID,Christian songs	1504	HJK
11760.0	0212	233	CUB	Radio Habana	Spanish	Report on Venezuela	1504	HJK
11765.1	2046	233	B	Radio Tupi	Portugese	Sports,Football	0604	HJK
11780.0	0225	232	B	Radio Nacional de Amazonia	Portugese	Football game	1504	HJK
11815.0	0230	233	B	Radio Brasil Central	Portugese	Jingles,Football with Argentina	1504	HJK
11830.0	2114	232	B	Radio Anhanguera	Portugese	Sport program	0604	HJK
11890.0	1220	232	LBY	LJB,Sebha	Arabic	Iraq-Us matter comments	2504	WB
11925.0	0236	232	B	Radio Bandeirantes	Portugese	Football	1504	HJK
11930.0	1445	233	GUM	KSDA,Guam	Chinese	IS,ID,Prayers	1304	HJK
11945.0	0407	454	D	Duetshe Welle	English	Money Talks	2204	RL
12000.0	1431	233	GUM	KSDA,Guam	Karen	ID,Christian songs	1304	HJK
12035.0	0043	132	UZB	TWR,Tashkent		Religious program,prayers	2104	HJK
12045.0	0037	232	KAZ	TWR,Almaty	Assamese	Religious program	2104	HJK
12050.0	1337	433	EGY	Radio Cairo	Arabic	General Service,ID,Magazine	0404	HJK
12105.0	1854	454	GRC	Voice of Greece	English	Cultural Events	1704	RL
13635.0	1236	233	AUS	Voice International	English	ID,Prayers	1304	HJK
13710.0	0155	554	CAN	Radio Canada Intl.,	English	Maple Leaf Mailbag	2104	RL
13760.0	1729	434	USA	WHRI	English	Reaching Up Radio	2404	RL
13775.0	1555	454	CAN	Radio Austria Intl.,	English	Postbox	2404	RL
13795.0	1931	454	D	Swiss Radio Intl.,	English	SRI Pops	2204	RL
15120.0	0915	343	NIG	Voice of Nigeria	English	ID,Drums	0104	HJK
15205.0	2133	554	D	Duetsche Welle	English	Hits in Germany	2504	RL
15210.0	0700	233	KOR	RKI,Seoul	German	News	0804	HJK
15225.0	1512	333	UAE	TWR,Abu Dhabi	Nepali	Religious program	0104	HJK
15240.0	0543	444	AUS	Radio Australia	English	Pacific Beat	2104	RL
15260.0	1320	222	CAN	CRI,Beijing	English	World News	0704	MF
15265.0	1521	343	UAE	TWR,Abu Dhabi	Panjabi	Program to India	0104	HJK
15275.0	1337	233	GUM	KTWR,Agana,Guam	English	Songs,Prayers	1304	HJK
15285.0	1400	323	TWN	BCC	Chinese	ID,Program	0704	MF
15329.9	1415	222	MLA	Voice of Malaysia	Malay	ID,Program	0704	MF
15344.9	2135	343	ARG	RAE Buenos Aires	German	Letterbox	1304	HJK

15380.0	1420	232	GUM	KSDA,Guam	Sinhalese	Religious Program,ID	1304	HJK	
15385.0	0003	534	E	REE,Madrid	English	Cultural Spotlight	2004	RL	
15470.0	1750	111	AUS	Voice iNternational	French	ID,Program	2004	MF	
15475.0	2129	232	CHL	Voice International	Portugese	Religious program,Christian songs	1304	HJK	
15630.0	0936	444	GRC	ERT,Athens	English	Report on Olympic Games	0104	HJK	
15635.0	1215	221	TJK	Voice of Tibet,Dushanbe	Tibetian	Program jammed by China	2304	WB	
15725.0	2105	353	USA	WRMI	English	Original RMI	1804	RL	
15825.0	2029	353	USA	WWCR	English	DX Party Line	1504	RL	
17510.0	1559	233	D	Bible Voice Broadcasting	English	ID,Choir	1904	HJK	
17525.0	1230	221	UZB	Voice of Tibet,Tashkent	Tibetian	Music jammed by China	2304	WB	
17555.0	1230	233	IRN	IRIB	Malay	IS,Koran,News	0504	HJK	
17560.0	1430	344	USA	WHRA	English	Communication Radio Network	1904	HJK	
17630.0	0853	233	GAB	Africa No. 1	French	Drums,Pop Music	0104	HJK	
17650.0	0900	344	ASC	NHK,Ascension	Japanese	ID,News	0104	HJK	
17660.0	2024	554	NLA	Radio Nederlands	English	Amsterdam Forum	1704	RL	
17670.0	1258	344	EGY	Radio Cairo	English	Report on Egyptian industries	0504	HJK	
17670.0	1611	342	IND	AIR,Delhi	Swahili	Talks,Folklore	1904	HJK	
17720.0	1507	233	CHN	RCI via Xian	English	News,ID	0504	HJK	
17795.0	0002	454	AUS	Radio Australia	English	Hind sight	1604	RL	
17800.0	2140	554	NIG	Voice of Nigeria	English	Across Nigeria	1704	RL	
17825.0	2150	454	J	Radio Japan NHK	English	44 minutes	1404	RL	
17835.0	0930	233	PAK	Radio Pakistan	Vernacular	ID,IS,Folklore	2004	HJK	
17865.0	0046	454	G	BBC World Service	English	Teaching skills Learn English	1904	RL	
17870.0	2030	554	CAN	RCI	English	Canada Today	1504	RL	
21600.0	1438	344	ARS	BSKSA,Riyadh	French	Program	0104	HJK	
21660.0	1210	333	CHN	CNR	Chinese	Musicjamming	0504	HJK	
21675.0	1305	121	F	LJB via Issoudun	Arabic	Program	2504	WB	
21695.0	1315	121	F	LJB via Issoudun	Arabic	Program	2504	WB	
21755.0	0919	232	J	NHK,Tokyo	Japanese	Magazine	2004	HJK	

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HJK : Hans-Joachim Koch, Dornstetten, Germany. AOR 7030 with 400mtrs. Beverage, 100/200mtrs. Long Wire & 30mtrs. Dipole.
 MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with Telescopic antenna & Frame antenna for Medium Wave logs.
 RL : Richard Lemke, St Albert, Alberta, Canada. JRC NRD-535 HF with random long wires
 WB : Wolfgang Bueschel, Stuttgart, Germany. AOR AR 7030, SONY ICF 2010, Kenwood R-1000,Drake SPR-4 with 12 metres long wire

Dear Friends,

Welcome to the May edition.

It is summer in the northern hemisphere. Some places like in my native India it is very hot and humid but over here in Canada we just look forward to this season when we can wear light and do not have to bundle up against the cold winds. Time to relax and go on a vacation. For the members who keep listening and sending their loggings thanks for the good work.

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

Ashok Kumar Bose

For international broadcasters, the Web alone is no solution

Commentary by Andy Sennitt, 22 April 2004

Everything in broadcasting is shifting from analogue to digital, whether it be for production or delivery to the consumer. But if you look at the situation in closer detail, you'll see that the mix of delivery methods varies widely from market to market.

There are simply so many ways in which digital broadcasts can be distributed, that life is becoming increasingly complicated - especially for international broadcasters, who cannot always afford to be on every platform. A few have opted out of making difficult choices, and - for the time being at least - have chosen to confine their distribution to the one medium which has a presence in almost every country in the world - the Internet.

Broadcasting for the broadcasters

I've detected a worrying trend amongst some international broadcasters, who seem to be basing their programme delivery strategy on what is convenient for them, rather than for their listeners. In 2001 when acting BBC Director-General Mark Byford was Managing Director of World Service, he decided that the US market was ready for Internet-only delivery. It wasn't, and many loyal BBC listeners were inconvenienced. Around the same time, possibly influenced by Byford's strategy, Swiss Radio International took the curious decision to phase out radio broadcasting in favour of a Web site. And just this month, Radio Slovakia International has announced it's going to abandon shortwave in favour of the Internet, to the chagrin of its broadcasting staff.

I second that emotion

During his period as Radio Netherlands Director of Programmes and later Creative Director, Jonathan Marks frequently used to remind colleagues that one of the key elements of successful radio is the use of emotion - something Radio Netherlands has always used to good effect in its documentaries. The emotion of the human voice is lost even in a verbatim transcript. In any case, that is not what's needed on a Web site. If you look at the articles on the Radio Netherlands site that are linked to radio programmes, you'll see that they're constructed in a different way, usually working as standalone articles but designed as "teasers" for the related audio. The Web site alone does not attempt to give the full story. Apart from researchers and academics, most people don't use the Web in that way.

Multimedia

If you combine a radio documentary with original photos taken by the reporter covering the story, the results can be quite stunning. An example current in the week of publication of this article is Eric Beauchemin's Talking with the Devil. Both the radio documentary and the Web feature work well independently of each other, but taken together they can have even more impact. A piece written for radio and simply put on a Website as a text, with maybe a couple of nondescript stock photos, doesn't cut it if you're serious about using the Web as a medium for delivering an important message. In the future, as we roll out our new-look Radio Netherlands Web site, there will be more multimedia elements including, we hope, a greater use of video.

Not worth the effort?

But that's not all. Too many broadcasters - and especially international broadcasters - regard their Web sites as not worth updating in a timely manner. Or, at least, that's the impression one often gets. Some of those stations still broadcasting on shortwave can't even be bothered to tell people the correct times and frequencies of their radio broadcasts. I'm not talking about the occasional oversight - we all make those - but things like old schedules still online weeks after a new one has gone into effect. Compare that with the efforts of one of the smallest international broadcasters, Radio New Zealand International, who with a tiny staff and budget manage to produce an excellent Web site which is clearly a labour of love - and pride!

Excuses, excuses

The stations that don't keep their Web sites up to date would no doubt offer all sorts of excuses - but that's all they are, excuses. If not enough people are allocated to the task of keeping a Web site up to date, then the solution is simple: get it sorted. The sad part is that I suspect they get very few complaints, because shortwave listeners in particular are fond of complaining to each other instead of the people who can fix things, and everyone knows international broadcasters don't read DX bulletins or participate in mailing lists - apart from a few of us!

When are companies and organisations going to realise that their Web sites are potentially one of their most valuable public relations tools? The fact that a lot of international broadcasters clearly don't realise it explains why I am always sceptical when I hear that one of them is planning to use the Web as its primary, or only, means of communicating with the outside world. I am reminded of the quote from Jesus in Luke 23:34: "forgive them; for they know not what they do."