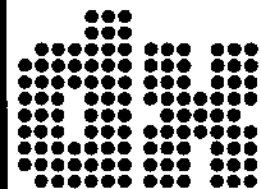


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WORLD WIDE DX CLUB



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>

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DX MAGAZINE No. 2



Vol. XL



February 2005

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 - also only one item this month:

An update file for WRTH 2005 is now available for download at the WRTH web site, <<http://www.wrth.com>>. The file is a PDF document and you will require the free adobe acrobat reader 5 or above to read it. Please follow the simple instructions on site to download. This file contains the latest International broadcaster updates, schedule changes and new stations. The file is just under 100kB, so won't take too long to download. A mirror version of the file is also available at: <<http://www.wwdxc.de/wrth.pdf>>. (Sean D. Gilbert, G4UCJ/G4001SWL, International Editor - World Radio TV Handbook)

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**

**BULGARIA:** In its January 2005 issue, the monthly magazine Umit published an interview with Ahmet Ali, editor-in-chief of the Turkish language section of state-owned *Radio Bulgaria*. Ali recalled the history of Turkish-language radio broadcasting in Bulgaria and said that the section currently had 10 staff members. He pointed out that the radio broadcast in Turkish for 150 minutes every day. The management board of Bulgarian National Radio has decided to expand broadcast time to up to six hours a day, starting in 2005. Since this would require doubling the staff of the section, Ali explained, the intention was to employ at least three new staff members in 2005, and ultimately to increase broadcast time to six hours a day by 2007. He also mentioned the need to hire full-time correspondents in regions with significant Turkish populations. (Umit, Sofia, in Turkish and Bulgarian Jan 2005 via BBC Monitoring in ©RNMN by AS; via JKB; January 11, 2005)

**CHINA (TAIWAN):** *Radio Taiwan International* announced today that it will stop five foreign language broadcasts as part of its efforts to streamline the company. The five foreign languages - Korean, Burmese, Arabic, Mongolian and Tibetan - will stop broadcasting starting Feb. 1. Chairman Lin Feng-cheng said that the company currently has a workforce of 488 people broadcasting in 18 languages daily to the world and is the only international broadcasting station in Taiwan. (Source: Central News Agency, ©RNMN by AS; via JKB; January 25, 2005)

Radio Taiwan International expands role to serve international community in Taiwan in English, Japanese, Indonesian, Vietnamese and Thai (Taipei Times, 10 February 2005). For listeners abroad, RTI drops Korean, Burmese, Arabic, Mongolian, and Tibetan (CNA News, 25 January 2005). Mongolian and Tibetan were dropped perhaps because Taiwan no longer

claims Mongolia and Tibet. RTI continues Chinese, English, French, German, Indonesian, Japanese, Russian, Spanish, Thai, and Vietnamese. Station was originally Voice of Free China, part of KMT controlled Broadcasting Corporation of China. Then it was placed under Central Broadcasting System, changed its name to Radio Taipei International, and finally to Radio Taiwan International. Meanwhile, parent Central Broadcasting System, for decades responsible for broadcasts to the Mainland, has disappeared, leaving Radio Taiwan International to do this. All fraught with geopolitical implications. (website of Kim Elliott last updated at 10. February 2005 via JKB)

Radio Taiwan International - latest English Service schedule:

Australia and New Zealand		North America	
0800-0900	9610	0200-0300	9680 Midwest
China			5950 East Coast
1600-1700	11550	0300-0400	5950 West Coast
Europe		0700-0800	5950 West Coast
1800-1900	3965	Philippines	
2200-2300	9355	0200-0300	11875
Indonesia		0800-0900	9610
0800-0900	9610	South Asia	
Japan and Korea		1600-1700	11550
0200-0300	15465	Southeast Asia	
1200-1300	7130	0300-0400	15320
South America		1100-1200	7445
0300-0400	15125	1400-1500	15265

Listeners in Western Europe can now also hear RTI's English programs via DRM on Fridays, from 1600 to 1700, on 9770 KHz. (RTI website via JKB, 11 Feb 2005)

**CUBA:** *Radio Habana Cuba* external B04 schedule. QTH: R. Habana Cuba, Apartado 6240, La Habana 6, Cuba. Web: <<http://www.radiohc.cu>>. International schedule is published at RHC website only in Spanish language.

EN LA MAÑANA

CARACAS	11800 KHZ-25M	11-15 UTC
NUEVA YORK	12000 KHZ-25M	11-15 UTC
NORTE-CENTRO-SUDAMÉRICA	11760 KHZ-25M	11-15 UTC
	6000 KHZ-49M	11-15 UTC
CARIBE	9550 KHZ-49M	11-15 UTC
BUENOS AIRES	15230 KHZ-19M	11-15 UTC

EN LA TARDE

EUROPA (ROMA)	13660 KHZ-22 M	21-23 UTC
AMÉRICA DEL SUR	15230 KHZ-19M	21-23 UTC
CARIBE	9550 KHZ-31M	21-23 UTC

EN LA NOCHE

CARACAS	9600 KHZ-31M	00-05 UTC
NORTE, CTRO Y SUDAMÉRICA	11760 KHZ-25M	00-05 UTC
NUEVA YORK	6060 KHZ-25M	01-05 UTC
AMÉRICA CENTRAL	6140 KHZ-49M	00-05 UTC
MÉXICO	5965 KHZ-49M	00-05 UTC
BUENOS AIRES	15230 KHZ-19M	00-05 UTC
CHICAGO	9820 KHZ-31M	00-01 UTC
WASHINGTON (solo verano)	6000 KHZ-49M	00-01 UTC
CARIBE	9550 KHZ-31M	02-05 UTC
CHILE	11875 KHZ-25M	03-05 UTC

MESA REDONDA INFORMATIVA (DE LUNES A VIERNES)

WASHINGTON	6000KHZ-49M	23-01 UTC
NUEVA YORK	11875KHZ-25M	23-01 UTC

"A LO PRESIDENTE" (PROGRAMA DOMINICAL DEL PRESIDENTE DE VENEZUELA, HJGO CHÁVEZ FRÍAS)  
 [Postal address R. Nacional Venezuela "Canal Internacional, Sr. Director de la Onda Corta, Apartado 3979, Caracas 1010-A, Venezuela.

E-mail: <[ondacortavenezuela@hotmail.com](mailto:ondacortavenezuela@hotmail.com)>, Ed.]

CENTROAMÉRICA	13680KHZ-22M	14 UTC
ANTILLAS	11670KHZ-25M	14 UTC
CHICAGO	13750KHZ-22M	14 UTC
RIO DE JANEIRO	17750KHZ-16M	14 UTC
CHILE	11875KHZ-25M	14 UTC

## TRANSMISIONES EN INGLÉS

CHICAGO	9820KHZ-31M	01-05 UTC
WASHINGTON	6000KHZ-49M	01-05 UTC
SAN FRANCISCO	6000KHZ-49M	05-07 UTC
CARIBE	9505KHZ-31M	20:30-21:30 UTC
	9550KHZ-31M	23:00-24:00 UTC
	9550KHZ-31M	05-07 UTC
NEW YORK	6060 KHZ-49M	05-07 UTC
NORTE, CTRO Y SUDAMÉRICA	11760KHZ-25M	05-07 UTC
NORTE, CTRO Y SUDAMÉRICA	11760KHZ-25M	20:30-21:30 UTC
TRANSMISIONES EN FRANCÉS		
CARIBE	9505KHZ-31M	22-22:30 UTC
	9550KHZ-31M	00-00:0100 UTC
CARIBE	9550KHZ-31M	01-30-:02.00 UTC
NUEVA YORK	11760KHZ-25M	20.00 -:20.30-UTC
	11760KHZ-25M	21:30-22.00 UTC

## TRANSMISIONES EN PORTUGUÉS

EUROPA	13660KHZ-22M	20-20:30 UTC
BRASIL	17705KHZ-16M	22-22:30 UTC
	17705KHZ-16M	23-23:30 UTC
	15230KHZ-19M	22-24 UTC

## TRANSMISIONES EN GUARANÍ

SUDAMERICA	17705KHZ-16M	22:30-23 UTC
SUDAMERICA	17705KHZ-16M	23:30-24 UTC
TRANSMISIÓN EN QUECHUA		
SUDAMERICA	17705KHZ-16M	00-00:30 UTC

## TRANSMISIONES EN CREOLE

CARIBE	9505KHZ-31M	21:30-22 UTC
	9505KHZ-31M	22:30-23 UTC
CARIBE	9550KHZ-31M	01-01:30 UTC

## TRANSMISIONES EN ESPERANTO(SÓLO LOS DOMINGOS)

SAN FRANCISCO	0600KHZ-49M	07-07:30 UTC
NORTE, CTRO Y SUDAMÉRICA	11760KHZ-25M	15-15:30 UTC
NORTE, CTRO Y SUDAMÉRICA	11760KHZ-22M	19:30-20 UTC
CARACAS	9600KHZ-31M	23:30-24 UTC
AMERICA CENTRAL	6140KHZ-49M	23:30-24 UTC

## TRANSMISIONES EN ARABE

EUROPA	13660 KHZ-22M	20:30-21:00 UTC
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(RHC schedule on the web last modified 6 December 2004, via JKB)

**EGYPT:** *Radio Cairo*, one of the largest international broadcasters in terms of transmission hours and number of languages (33), will be reduced to eleven languages. This according to Tarek Zeidan in Egypt, who called on VOA's Talk to America 31 December 2004. (website of Kim Elliott last updated at 10. February 2005 via JKB)

**GERMANY:** Ralf Weyl from *T-Systems* Juelich in Germany <<http://www.t-systems.com>> would like inform you about the latest schedule of The Overcomer Ministry (TOM) on T-Systems SW Transmitter.

frq	start	stop	ciraf	azi	type	day	from	to	loc	pow	broad
6110	1359	1559	27,28	ND	926	1234567	091204	270305	WER	500	TOM
13810	1400	1559	28,29,39,40	115	217	1234567	041104	270305	JUL	100	TOM
5905	2201	2259	6-10	295	216	1234567	140105	270305	JUL	100	TOM *
5960	2201	2259	6-10	295	216	1234567	140105	270305	JUL	100	TOM *
6015	2201	2259	6-10	300	216	1234567	140105	270305	JUL	100	TOM *
5900	0101	0159	6-10	305	217	1234567	210105	270305	JUL	100	TOM *
9590	0101	0159	6-10	295	217	1234567	210105	270305	JUL	100	TOM *
9640	0101	0159	6-10	320	216	1234567	210105	270305	JUL	100	TOM *
5960	0101	0159	6-10	295	216	1234567	210105	270305	JUL	100	TOM *
6130	0101	0159	6-10	295	216	1234567	210105	270305	JUL	100	TOM *
6155	0101	0159	6-10	320	216	1234567	210105	270305	JUL	100	TOM *
9435	0101	0159	39,40	110	216	1234567	210105	270305	JUL	100	TOM *
9485	0101	0159	40,42	80	217	1234567	210105	270305	JUL	100	TOM *
9785	0101	0159	41	90	218	1234567	210105	270305	JUL	100	TOM *

Any reception report, especially of the broadcasts with target Northamerica are highly appreciated. Address: T-Systems, Regional MediaBroadcast Cologne, MediaBroadcast, Merscher Hoehe, 52428 Juelich.

(Ralf Weyl - T-Systems via WDXC-HQ; January 24, 2005)

**German Telecom - ReLay** stations transmissions, latest schedule B04 period (10/31/2004 - 03/27/2005) version B04akt\_11a - 19.1.2005 (1=Sun ... 7=Sat):

frq	start	stop	cira	azi	type	day	from	to	loc	pow	broad	
5945	0030	0045	41	85	206	1	020105	270305	JUL	100	PAB	
6015	1630	1645	29,30	60	211	4	020205	270305	JUL	100	PAB	
13820	1400	1430	39,40	100	218	7	311004	270305	JUL	100	PAB	
13820	1430	1445	39,40,41	90	218	1	020105	270305	JUL	100	PAB	
13820	1445	1500	39,40	100	218	7	311004	270305	JUL	100	PAB	
13820	1500	1515	39,40	100	218	1	311004	270305	JUL	100	PAB	
13820	1530	1545	39,40	100	218	1	020105	270305	JUL	100	PAB	
13820	1545	1600	39,40	100	218	1	311004	270305	JUL	100	PAB	
13820	1600	1630	39,40	100	218	1	311004	270305	JUL	100	PAB	
5955	2330	0030	41,49	70	211	1234567	261104	270305	JUL	100	DVB	
6120	2100	2200	37NW	230	211	1234567	311004	270305	JUL	100	CBS	
9495	1900	1930	39,40	105	216	7	311004	270305	JUL	100	RMI	
9495	1900	1959	39,40	120	200	16	241204	311204	WER	125	RMI	*
9495	1900	1959	39,40	120	200	1	010105	270305	WER	125	RMI	*
11810	1600	1700	41	105	216	1234567	311004	270305	JUL	100	RMI	
6045	0958	1100	27,28	ND	926	1	311004	270305	JUL	100	EVR	
6045	1000	1100	27,28	ND	926	7	311004	290105	JUL	100	HLR	
5925	1400	1515	27,28	ND	926	1	051204	270305	JUL	100	RTR	
6015	1200	1215	27,28	ND	930	1	020105	270305	WER	250	MWA	
13820	1630	1700	39,40	105	217	7	010105	270305	WER	250	FVM	
6055	0000	0100	41	100	216	1234567	301204	270305	JUL	100	WRN	
6015	1000	1059	27,28	115	206	1	311004	270305	JUL	100	CHW	
9890	1900	1935	28,29	75	207	7	311004	270305	WER	125	CHW	2
9890	1935	1959	28,29	70	218	7	311004	270305	JUL	100	CHW	2
7220	1800	1830	37,46	200	106	3	311004	270305	JUL	100	CHW-2	
7220	1800	1830	47,52N,48E	155	216	5	251104	270305	JUL	100	CHW-2	
6015	1630	1700	28,29	70	211	1	311004	270305	JUL	100	BCA	
6015	1130	1159	27,28	ND	930	17	311004	270305	WER	125	EMG	
11840	1200	1204	19-26	20	216	7	311004	270305	JUL	100	EMG	
11840	1204	1230	19-26	20	217	7	311004	270305	NAU	250	EMG	
9815	1600	1630	29,30	60	218	7	311004	270305	WER	250	EMG	
6015	1200	1215	27,28	ND	930	1	020105	270305	WER	250	MWA	
3955	1559	1659	27W,28	ND	976	1234567	311004	270305	JUL	100	HCJ	
17870	1500	1530	48	145	217	23456	311004	270305	JUL	100	AWH	
11840	1830	1859	52,53	160	216	5	311004	270305	JUL	100	RRP	
9820	1700	1759	39S,48	140	216	1346	311004	270305	JUL	100	SBO	
9820	1630	1659	39S,48	140	216	36	311004	270305	JUL	100	DTK	
9820	1600	1659	39S,48	140	216	1	311004	270305	JUL	100	DTK	
7220	1830	1930	47,48	140	216	14	311004	270305	JUL	100	DTK	
9820	1700	1759	39S,48	140	217	5	311004	270305	JUL	100	DTK	
12015	1500	1559	47,48	130	217	7	311004	270305	JUL	100	DTK	
7340	2000	2100	37,38	175	141	1234567	311004	270305	JUL	100	IBR	
9660	1730	1759	39S,47E,48	130	216	1234567	311004	270305	JUL	100	IBR	
9610	1900	2015	46NE,SE,NW	190	217	1234567	311004	270305	JUL	100	IBR	
9520	1730	1845	47,48,52	145	217	1234567	311004	270305	JUL	100	IBR	
9495	1600	1629	37,38	175	217	1	311004	270305	JUL	100	UNL	
7145	0100	0129	41	85	216	1	311004	220105	JUL	100	UNL	*
7145	0100	0129	41	85	206	1	230105	270305	JUL	100	UNL	*
6045	1200	1259	27,28	ND	976	1	311004	270305	JUL	100	UNL	
6045	1230	1259	27,28	ND	976	7	311004	270305	JUL	100	UNL	
11840	1800	1829	46,47,48	160	216	1	311004	270305	JUL	100	UNL	
7105	1901	1930	39,40	115	206	1	311004	270305	JUL	100	UNL	
6110	1300	1559	27,28	ND	926	1234567	091204	270305	WER	500	TOM	
6110	1101	1159	27,28W	ND	926	1	311004	270305	JUL	100	TOM	2only
13810	1400	1559	28,29,39,40	115	217	1234567	041104	270305	JUL	100	TOM	
5905	2201	2259	6-10	295	216	1234567	140105	270305	JUL	100	TOM	*
5960	2201	2259	6-10	295	216	1234567	140105	270305	JUL	100	TOM	*
6015	2201	2259	6-10	300	216	1234567	140105	270305	JUL	100	TOM	*
9470	2201	2259	6-10	305	217	1234567	140105	190105	JUL	100	TOM	*
9490	2201	2259	6-10	295	217	1234567	140105	190105	JUL	100	TOM	*
9815	2201	2259	6-10	320	216	1234567	140105	190105	JUL	100	TOM	*
6035	0401	0459	6-10	325	216	1234567	150105	200105	JUL	100	TOM	*

9435	0401	0459	6-10	325	216	1234567	150105	200105	JUL	100	TOM	*
6155	0401	0459	6-10	320	216	1234567	150105	200105	JUL	100	TOM	*
7340	0401	0459	6-10	320	217	1234567	150105	200105	JUL	100	TOM	*
9765	0401	0459	6-10	320	216	1234567	150105	200105	JUL	100	TOM	*
9895	0401	0459	6-10	300	216	1234567	150105	200105	JUL	100	TOM	*
5900	0101	0159	6-10	305	217	1234567	210105	270305	JUL	100	TOM	*
9590	0101	0159	6-10	295	217	1234567	210105	270305	JUL	100	TOM	*
9640	0101	0159	6-10	320	216	1234567	210105	270305	JUL	100	TOM	*
5960	0101	0159	6-10	295	216	1234567	210105	270305	JUL	100	TOM	*
6130	0101	0159	6-10	295	216	1234567	210105	270305	JUL	100	TOM	*
6155	0101	0159	6-10	320	216	1234567	210105	270305	JUL	100	TOM	*
9435	0101	0159	39,40	110	216	1234567	210105	270305	JUL	100	TOM	*
9485	0101	0159	40,42	80	217	1234567	210105	270305	JUL	100	TOM	*
9785	0101	0159	41	90	218	1234567	210105	270305	JUL	100	TOM	*
17580	0557	0813	47,48,52,53	160	216	23456	311004	270305	JUL	100	RTB	
17580	0557	1100	47,48,52,53	160	216	17	311004	270305	JUL	100	RTB	
21565	1057	1231	47,48,52,53	160	216	1234567	311004	270305	JUL	100	RTB	
17570	1527	1903	47,48,52,53	160	216	23456	311004	270305	JUL	100	RTB	
17570	1557	1806	47,48,52,53	160	216	17	311004	270305	JUL	100	RTB	
5945	0730	0945	27,28N	290	106	1	311004	270305	JUL	100	BVB	
5945	0800	0915	27,28N	290	106	7	311004	270305	JUL	100	BVB	
5945	0800	0930	27,28N	290	106	6	070105	270305	JUL	100	BVB	
6015	1915	1930	28,29	60	141	23456	311004	270305	JUL	100	BVB	
6015	1900	2030	28,29	60	141	1	311004	270305	JUL	100	BVB	
6015	1900	2000	28,29	60	141	7	311004	270305	JUL	100	BVB	
9470	1900	2015	39,40	125	146	16	311004	270305	NAU	250	BVB	
9470	1900	2000	39,40	125	146	7	311004	270305	NAU	250	BVB	
9470	1830	1900	39,40	125	146	3	010205	270305	NAU	125	BVB	*
7260	1930	1959	46,47	170	216	1	261104	270305	JUL	100	BVB	
7260	1900	1930	46,47	170	216	7	261104	270305	JUL	100	BVB	
7260	1915	2015	47,48	210	216	6	261104	280105	WER	125	BVB	*
7260	1930	2000	47,48	210	216	7	261104	270305	WER	125	BVB	
13810	1630	1730	38S,39S,47,48	130	217	123567	121204	270305	JUL	100	BVB	
13810	1630	1759	38S,39S,47,48	130	217	4	311004	270305	JUL	100	BVB	
9730	1800	1859	39,40	110	216	17	051105	270305	JUL	100	BVB	
9730	1800	1829	39,40	110	216	3	251104	270305	JUL	100	BVB	
9730	1800	1829	39,40	115	217	5	251104	270305	JUL	100	BVB	
9730	1715	1829	39,40	110	216	246	051105	270305	JUL	100	BVB	
17565	0845	1015	38,39	130	217	6	311004	270305	JUL	100	BVB	
7210	1800	1859	39,40	105	216	17	311004	270305	JUL	100	BVB	
9460	1630	1859	39,40	115	217	1	051105	270305	JUL	100	BVB	
9460	1640	1715	39,40	115	217	246	051105	270305	JUL	100	BVB	
9460	1640	1859	39,40	115	217	3	051105	310105	JUL	100	BVB	*
9460	1640	1830	39,40	115	217	3	010205	270305	JUL	100	BVB	*
9460	1645	1930	39,40	115	217	7	051105	270305	JUL	100	BVB	
9460	1640	1745	39,40	115	217	5	051105	270305	JUL	100	BVB	
9460	1800	1859	39,40	115	217	46	051105	270305	JUL	100	BVB	
12005	1500	1600	40,41	90	217	37	311004	270305	JUL	100	BVB	
12005	1530	1600	40,41	90	217	12456	311004	270305	JUL	100	BVB	
11645	1700	1715	39,40	120	217	13467	060105	270305	WER	250	BVB	
11645	1700	1730	39,40	120	217	25	060105	270305	WER	250	BVB	
13590	1330	1430	41NE	75	217	1234567	311004	270305	WER	250	GFA	
13650	1430	1530	41,43,49	75	216	1234567	311004	270305	WER	250	GFA	
9460	1530	1630	40,41	90	216	1234567	131204	270305	WER	250	GFA	
9495	0030	0130	40,41	90	218	1234567	311004	180105	WER	250	GFA	*
9495	0030	0130	40,41	90	218	1234567	190105	270305	WER	500	GFA	*
9765	2330	0030	41,43,49	75	216	1234567	311004	270305	WER	250	GFA	
13720	1700	1800	37,38	175	217	1234567	311004	270305	JUL	100	YFR-1	
9605	1800	1900	39N,40W	115	206	1234567	311004	270305	JUL	100	YFR-2	
9605	2000	2100	39,40	115	217	1234567	311004	270305	JUL	100	YFR-1	
11750	2000	2100	37,38,46,47	190	217	1234567	311004	270305	JUL	100	YFR-2	
3955	1800	1900	27,28	ND	976	1234567	061204	270305	JUL	100	YFR	
7285	2300	0400	36	230	218	1234567	311004	270305	JUL	100	HRT	
7285	0000	0400	17	300	216	1234567	311004	270305	JUL	100	HRT	
7285	0200	0455	17	315	216	1234567	131204	270305	WER	250	HRT	
7285	0455	0600	17	320	216	1234567	131204	270305	NAU	250	HRT	
9470	0500	0800	55,59,60	230	218	1234567	311004	270305	JUL	100	HRT	
13820	0600	1000	58,59,60	270	218	1234567	311004	270305	JUL	100	HRT	

2 = every 2 odd week.

2only = 2nd Sun of the month only.

FMO (Frequency Managing Organizations)

6140	0600	1000	27,28	175	141	1234567	311004	270305	JUL	100	DWL	
6140	1000	1300	27,28	120	106	1234567	311004	270305	JUL	40	DWL	DRM
6140	1300	1600	27,28	175	141	1234567	311004	270305	JUL	100	DWL	
6140	1600	1900	27,28	ND	976	1234567	311004	270305	JUL	40	DWL	DRM
5965	0557	0756	27,28,37-39	130	216	1234567	311004	270305	JUL	100	DWL	VRT2
5965	0757	0826	27,28	ND	926	1234567	311004	270305	JUL	100	VRT-2	
5910	1827	1956	27,28,37-39	130	216	1234567	311004	270305	JUL	100	VRT-2	
5985	1857	2056	27,28	ND	926	7	311004	270305	JUL	100	VRT-1	
6015	1200	1459	27W,28S,36	ND	926	7	311004	270305	JUL	100	TDP	
6015	1500	1559	27W,28S,36	ND	926	7	311004	270305	JUL	40	TDP	DRM
5945	0600	0700	28E	110	216	1234567	271104	270305	JUL	100	AWR	
11730	1000	1100	28W	145	216	1	311004	270305	JUL	100	AWR	
9800	1900	1959	37,38W	200	216	1234567	311004	270305	JUL	100	AWR	
9695	2000	2030	37,38W	200	216	1234567	311004	270305	JUL	100	AWR	
6130	0627	0645	28,29	100	206	23456	311004	270305	JUL	100	TWR	
7210	0927	0945	28	100	206	34567	311004	270305	JUL	100	TWR	
6105	0927	0945	28	105	216	34567	311004	270305	JUL	100	TWR	
7225	1127	1200	28,29	105	216	7	311004	270305	JUL	100	TWR	
6130	1127	1200	28,29	100	206	7	311004	270305	JUL	100	TWR	
5995	0200	0400	39,40	100	216	1234567	311004	270305	JUL	100	VOR	
5955	1500	1600	39,40	115	217	1234567	311004	270305	JUL	100	VOR	
5975	2000	2200	39,40	110	216	1234567	311004	270305	JUL	100	VOR	
5965	2000	2200	39,40	105	216	1234567	311004	270305	JUL	100	VOR	
5990	2100	2200	39,40	115	216	1234567	311004	270305	JUL	100	VOR	
6175	2300	2400	39,40	100	216	1234567	311004	270305	JUL	100	VOR	
12110	1645	1700	40	100	217	5	200105	200105	JUL	100	IBB	*
12110	1700	1759	40	100	217	1234567	311004	270305	JUL	100	IBB	
9495	1800	1859	40	100	217	1234567	311004	270305	JUL	100	IBB	
9485	1900	2000	39N	100	217	1234567	311004	270305	JUL	100	IBB	
9680	1900	2000	40	100	218	1234567	311004	270305	JUL	100	IBB	
9670	0100	0300	42,43	75	217	1234567	311004	270305	WER	250	IBB	

\* changes

AWH	Allerweltshaus Cologne e.V.	IBR	IBRA Radio Sweden
AWR	Adventist World Radio	MWA	Missionswerk Arche
BVB	Bible Voice Broadcasting	PAB	Pan Am Broadcasting
BCA	Bible Christian Association	RMI	Radio Miami International
CBS	Radio Taiwan international	RNW	Radio Netherlands World Service
CHW	Christliche Wissenschaft	RRP	Radio Reveil Paroles de Vie
DTK	Deutsche Telekom	RTB	Radio Television Belge de la communaute Francaise
DVB	Democratic Voice of Burma	RTR	Radio Traumland (Belgien)
DWL	Deutsche Welle	SBO	Sagalee Bilisummaa Oromoo
EMG	Evangelische Missions Gemeinden in Deutschland	TDP	Transmitter Documentation Project
EVR	Evangeliums Radio Hamburg	TOM	The Overcomer Broadcast
FVM	Freie Volksmission Krefeld	TWR	Trans World Radio
GFA	Gospel For Asia	UNL	Universelles Leben
HCJ	Voice of the Andes	VOR	Voice of Russia
HLR	Hamburger Lokal Radio	VRT	Vlaamse Radio en Televisie
HRT	Hrvratska Radio Televizija	WRN	World Radio Network
IBB	International Broadcast Bureau	YFR	WYFR Family Radio

(Weyl - T-Systems Regional MediaBroadcast Cologne via WWDXC-HQ; January 20, 2005)

**INDIA: All India Radio - AIR** B04 revised schedules (G.O.S. = General Overseas Service in English), External Services. Reception reports on technical quality of the programmes are welcome and may be sent to the Director (Spectrum Management & Synergy), All India Radio, Room No.204, Akashvani Bhawan, New Delhi-110001 (India). Telefax: 91-11-23421062, 91-11-23421145. E-mail: <spectrum-manager@air.org.in>.

AUSTRALIA AND NEW ZEALAND (last update 5 Nov 2004)

G.O.S-II 1000-1100 13710 17510 17895

G.O.S-V 2045-2230 9910 11620 11715

EAST AFRICA (last update 5 Nov 2004)

G.O.S-IV 1745-1945 11935 15075 17670

Gujarati 0415-0430 15075 15185 17715

Gujarati 1515-1600 11620 15175

Hindi 0315-0415 15075 15185 17715

Hindi 0430-0530 15075 15185 17715

Hindi 1615-1730 9950 15075 17670

Swahili 1515-1615 9950 13605 17670

EAST AND SOUTH EAST ASIA (last update 4 Jan 2005)

G.O.S-I 2245-0045 9705 11620 13605

The GOS-I Service (2245-0045) on 11620 kHz would be partially canceled between 0015 and 0045.

G.O.S-III 1330-1500 9690 11620 13710

Hindi 2300-0000 9910 11740 13795

Indonesian 0845-0945 15770 17510 17875

Tamil 0000-0045 9910 11740 13795

Tamil 1115-1215 13710 15770 17810

Telugu 1215-1245 13710 15770 17810

Thai 1115-1200 13645 15235 17740

EAST EUROPE (last update 5 Nov 2004)

Russian 1615-1715 9875 11620 15140



NORTH EAST ASIA (last update 5 Nov 2004)									
G.O.S-I	2245-0045	9950	11645	13605		Urdu	1130-1500	6165	9620 11585
G.O.S-II	1000-1100	15020	15235	17800			0015-0430	6155	9595
Chinese	1145-1315	11840	15795	17705			0100-0430	11620	
UK & WEST EUROPE (last update 5 Nov 2004)							0830-1130	7250	9595 11620
G.O.S-IV	1745-1945	7410	9950	11620			1430-1930	4860	6045
G.O.S-V	2045-2230	7410	9445	9950			1430-1735	3945	
Hindi	1945-2045	7410	9950			AFGHANISTAN			
WEST AND NORTH WEST AFRICA (last update 5 Nov 2004)						Dari	0300-0345	9835	9910 11735
G.O.S-IV	1745-1945	9445	13605	15155			1315-1415	7255	7410 9910
French	1945-2030	9905	13605	13620		Pushtu	0215-0300	9835	9910 11735
WEST ASIA (last update 5 Nov 2004)							1415-1530	7255	7410 9910
Arabic	0430-0530	11730	15770	17845		TIBET Autonomous Region of People's Republic of China			
Arabic	1730-1945	9905	11585	13620		Tibetan	1215-1330	9575	11775
Hindi	0315-0415	11840	13695	15075		NEPAL			
Hindi	1615-1730	7410	12025	13770		Nepali	0130-0230	3945	7250 9810 11715
Kannada	0215-0300	11985	15075				0700-0800	7250	9595 11850
Malayalam	1730-1830	7115	12025				1330-1430	3945	4860 11775
Persian	0400-0430	11730	15770	17845		MYANMAR			
Persian	1615-1730	7115	9905	11585		Burmese	1215-1315	11620	11710
NEIGHBOURING COUNTRIES (last update 5 Nov 2004)						SRILANKA			
PAKISTAN						Sinhala	0045-0115	11740	11985
Baluchi	1500-1600	6165	9620	11585			1300-1500	9820	15050
Sindhi	0100-0200	5990	7125	9635		Tamil	0000-0045	9835	11740 11985
							1115-1215	15050	17860

(AIR website via JKB)

**AIR Panaji** is looking for reports on their of 2 x 250 kw SW transmitters used by External Services. Mr.S.Jayaraman is the new Suptdg. Engineer there now. He was the Station Engineer of 6x500 kW SW transmitters of Bangalore till recently. The address for reports is: Mr S.Jayaraman, Superintending Engineer, High Power Transmitter, All India Radio, P.O. Goa University, Goa-403 206, India. Email: <airtrgoa@sancharnet.in>. Their schedule is:

7115 1615-1730 Persian, 1730-1830 Malayalam(W.Asia)  
 7250 0130-0230 Nepali (Nepal)  
 9705 2245-0045 English (E SE Asia)  
 9810 0130-0230 Nepali (Nepal)  
 9820 1300-1500 Sinhala (Sri Lanka), 1530-1545 HS  
 11740 2300-2400 Hindi, 0000-0045 Tamil(SE Asia),  
 0045-0115 Sinhala, (Sri Lanka),  
 1530-1545 English  
 11715 2045-2230 English (Australia/ NZ)  
 11775 1215-1330 Tibetan (Tibet), 1330-1430 Nepali  
 11840 0315-0415 Hindi (West Asia)  
 12025 1615-1730 Hindi, 1730-1830 Malayalam (W.Asia )  
 15235 1115-1200 Thai (SE Asia)  
 17810 1115-1215 Tamil, 1215-1245 Telegu (SE Asia)  
 (Jose Jacob via WDXC-HQ, 16 Jan 2005)

**MISCELLANEOUS:** *English shortwave broadcasts* sorted by time. Credits to Eike Bierwirth, Leipzig (Germany), who compiled a comprehensive shortwave broadcasting-schedule list of stations on the air in various languages, version December 27, 2004. Based on this data I filtered language-based transmissions.

English Part 2 of 2 (transmission starting 1200-2359), English part 1 in previous DXM (January 2005):

STARTSTOP	DAY	ITU	STATION	TARG	FREQUENCY
1200	1215	CBG	Nat.Radio of Cambodia	SEA	11940
1200	1230	F	Radio France Int.	WAF	15275/ASC
				EAF	21620
1200	1230	USA	Adventist World Radio	SAs	15135/UAE
1200	1230	UZB	Radio Tashkent Int.	As	5060 5975 6025 9715
1200	1245	USA	WYFR Family Radio	ENA	6890
				WNA	7355
				MEX	11970
				SAm	11530
1200	1257	CHN	China Radio Int.	As	684 1188 1269 1341
					9730k 11980k
				Eu	13665/ALB 13790u 17490ka
				Oc	9795u 11760k 15415k

1200 1300		AUS	Radio Australia	As	9475 11880
				Woc	6020 9560 9590
				Oc	5995b 6020 9580 9590
1200 1300	Sa	BEL	TDPradio	Eu	6015
1200 1300		CAN	Radio Canada Int.	FE	9670/J 11730/J
1200 1300		G	BBC World Service	Car	6195/ATG 15190/ATG
				SAm	15190/ATG
1200 1300		G	BBC World Service	EAF	17885/SEY
				SAF	6190/AFS 11940/AFS 21470/SEY
				WAF	17830/ASC
1200 1300		G	BBC World Service	Eu	7320r 12095w 15485s
					15565r 17640s 17640w
				EEu	666/RUS-e 1260/RUS-m
					1260/RUS-sp
1200 1300		G	BBC World Service	FE	17760/THA
				SAs	15310/THA 17790/OMA
				SEA	6195/SNG 9740/SNG
1200 1300		G	BBC World Service	ME	1323/CYP 11760/OMA 15575/CYP
1200 1300		HOL	Radio Nederland	ENA	11675/ATN
1200 1300		KOR	Radio Korea Int.	NAm	9650/CAN
1200 1300		TWN	Radio Taiwan Int.	FE	7130
1200 1300		UKR	Radio Ukraine Int.	WEu	15675x
1200 1300		USA	Voice of America	As	1143#/PHL 6110/PHL 9645/THA
					9760/PHL 11705/PHL
					11715/PHL 15665/CLN
1200 1500	Sa	BEL	TDPradio DIGITAL	Eu	6015/D-j
1200 1700	Su	CAN	R. Canada Nord-Quebec	CAN	9625
1200 1900	Sa	CAN	R. Canada Nord-Quebec	CAN	9625
1200 2300		USA	WBCQ Kennebunk, MA	NAm	17495
1200 2400		USA	Dr Gene Scott	Am	9725/CTR 11870/CTR 13750/CTR
1200 0600		USA	WBCQ Kennebunk, MA	NAm	9330
1204 1230	Sa	D	Evang.Missionsgemeinden	CIS	11840n
1215 1245	We	USA	Bible Voice	FE	5945/RUS-kh
1215 1330		EGY	Radio Cairo	SAs	17670
1230 1240	Fr	USA	Bible Voice	FE	5945/RUS-kh
1230 1245		G	BBC World Service	Eu	15425w
				WAF	17780/ASC 21640/ASC
1230 1245	Th	USA	Bible Voice	FE	5945/RUS-kh
1230 1255		BEL	Radio Vlaanderen Int.	WEu	1512
1230 1300		AUS	HCJB Australia	SEA	15405
1230 1300		BGD	Radio Bangladesh	SAs	7185 9550
				SEA	7185 9550
1230 1300		BUL	Radio Bulgaria	WEu	11700 15700
1230 1300		THA	Radio Thailand	Oc	9810
1230 1300		VTN	Voice of Vietnam	SEA	9840 12020
1230 1315	Su	USA	Bible Voice	SEA	5945/RUS-v
1230 1530		CLN	Sri Lanka BC	SAs	6005 9770 15745
1230 2400		GHA	Ghana Broadcasting C.	WAF	4915
1245 1300		USA	WYFR Family Radio	WNA	7355
				MEX	11970
				SAm	11530
1300 1330		CAN	Radio Canada Int.	FE	9670/J 11730/J
1300 1330	Su	EQA	HCJB DIGITAL	Eu	9565/G-r
1300 1345		USA	WYFR Family Radio	WNA	7355
				ENA	11855
				MEX	11970
				SAm	11830
				SAs	7580/RUS-s
1300 1357		CHN	China Radio Int.	Eu	13610ka 13790u
				NAm	9570/CUB 11885/CAN
					15230/CAN
				SAm	17625/CHL
				As	1341 11980k 15180x
				Oc	9795u 11760k 11900k
1300 1400		ALS	KNLS Anchor Point	FE	9615

1300	1400		AUS	Radio Australia	W0c	6020 9560 9590
					0c	5995b 6020 9580 9590
1300	1400		G	BBC World Service	Car	6195/ATG 15190/ATG
					SAm	15190/ATG
1300	1400		G	BBC World Service	EAF	15420/SEY 17885/SEY
					SAF	6190/AFS 11940/AFS 21470/AFS
					WAF	17830/ASC
1300	1400		G	BBC World Service	Eu	7320r 12095w 15485s
						15565r 17640s 17640w
					EEu	666/RUS-e 1260/RUS-m
						1260/RUS-sp
1300	1400		G	BBC World Service	FE	17760/THA
					SAs	1413/OMA 15310/THA 17790/OMA
					SEA	6195/SNG 9740/SNG
1300	1400		G	BBC World Service	ME	1314/UAE 1323/CYP
						11760/OMA 15575/CYP
1300	1400		KOR	Radio Korea Int.	SEA	9570 9770
1300	1400		KRE	Voice of Korea	Eu	4405 7570 12015
					NAm	9335 11710
1300	1400		POL	Radio Polonia	Eu	9525 11850
1300	1400		ROU	Radio Romania Int.	WEu	15105 17745
1300	1400		USA	Brother Stair	Eu	6110/D-j
1300	1400		USA	Voice of America	As	6110/PHL 9645/THA
						9760/PHL 11705/PHL
1300	1430		CLA	VoJammu-Kashmir Freedom	SAs	5102
1300	1500		USA	WYFR Family Radio	SAs	11560/TWN
1300	1600	Mo-Fr	CAN	Radio Canada Int.	CNA	9515 13655
					ENA	13655 17820
					Car	17820
1300	1600		D	Deutsche Welle	Eu	6140j
1300	1600		USA	WEWN Birmingham, AL	NAm	9955
1300	1600		USA	WHRA World Harvest R.	Af	17560
1300	1600		USA	WWCR 3	NAm	9985
1300	1600		USA	WWCR 4	NAm	7465
1300	1649		NZL	Radio New Zealand Int.	0c	9870
1300	1900		USA	WSHB World Harvest R.	Am	15105
1300	2200		USA	WSHB World Harvest R.	NAm	9840
1300	2300		USA	WINB Red Lion, PA	NAm	13570
1300	2300		USA	WWRB Manchester TN	NAm	9320 12172
1300	2400		USA	WRMI Radio Miami Int.	NAm	15725
1300	1000		USA	WBCQ Kennebunk, MA	NAm	7415
1305	1330	SaSu	AUT	ORF oe1 International	Eu	6155 13730
					As	17855
					0c	17855
1315	1330	Mo-Fr	AUT	ORF oe1 International	As	17855
					0c	17855
1315	1330	Sa	USA	Trans World Radio	SAs	7560/RUS-i
1330	1345		G	BBC World Service	WAF	15105/ASC 17810/ASC
1330	1400	Su	AUS	HCJB Australia	SAs	15405
1330	1400		LAO	Lao National Radio	SEA	7145
1330	1400		S	Radio Sweden	As	7420 11550
					NAm	15240
1330	1400		S	Radio Sweden DIGITAL	Eu	7240/HOL
1330	1400	Mo-Fr	SCG	Int.R.Serbia-Montenegro	AUS	11835
1330	1400	12456	USA	Adventist World Radio	SAs	15660/GUM
1330	1400		UZB	Radio Tashkent Int.	As	5060 5975 6025 9715
1330	1420		TUR	Voice of Turkey	Eu	15155
					As	15195
					AUS	15195
1330	1500		IND	All India Radio	SEA	9690b 11620k 13710b
1335	1400	SaSu	AUT	ORF oe1 International	Eu	6155 13730
					As	17855
					0c	17855
1345	1400	Mo-Fr	AUT	ORF oe1 International	Eu	6155 13730
					As	17855

1345	1400		USA	WYFR Family Radio	Oc	17855
					ENA	11855
					SAm	11830
1400	1415	Mo-We	G	BBC World Service	SAs	7580/RUS-s
					EAF	11860/SEY 15420/SEY
					Eu	21490r
1400	1415		G	FEBA Radio	PAK	9445/RUS-n
1400	1415	Th	USA	Bible Voice	SAs	7485/UZB
1400	1430		CAN	Radio Canada DIGITAL	Eu	7240/HOL
1400	1430		CZE	Radio Prague	EAF	21745
					NAm	21745
1400	1430		THA	Radio Thailand	Oc	9725
1400	1457		CHN	China Radio Int.	As	1422 9560ka 11675k 11765u
					NAm	7405j 13675/CAN
						15230/CAN 17730/CUB
					Eu	9700ka 9795u 13610ka
1400	1500		AFS	Channel Africa	SAF	11825
1400	1500		AUS	Radio Australia	As	6080 9475\$ 11750
					Woc	9590
1400	1500		F	Radio France Int.	Oc	5995 7240 9590
					ME	17620
1400	1500		G	BBC World Service	SAs	7180/CHN 17620
1400	1500		G	BBC World Service	Car	15190/ATG
					SAm	15190/ATG
1400	1500		G	BBC World Service	EAF	21660/CYP
					SAF	6190/AFS 11940/AFS 21470/AFS
					WAF	17830/ASC
1400	1500		G	BBC World Service	Eu	7320r 12095w 15485s
						15565r 17640s 17640w
					EEu	666+/RUS-e 1260+/RUS-m
						1260+/RUS-sp 612/UKR
1400	1500		G	BBC World Service	FE	7160/THA
					SAs	15310/THA 17790/OMA
1400	1500		G	BBC World Service	SEA	6195/SNG 9740/SNG
1400	1500		J	NHK Radio Japan	ME	1323/CYP 15575/CYP
					SEA	7200
					SAs	9875
					Oc	11840/CLN
1400	1500		OMA	Radio Sultanate of Oman	Eu	15140t
1400	1500		TWN	Radio Taiwan Int.	SEA	15265
1400	1500	SaSu	USA	Bible Voice	SAs	7485/UZB
1400	1500		USA	Voice of America	As	6110/PHL 7125/THA 9645/PHL
						9760/PHL 11705/PHL
						15425/PHL-x
1400	1500		USA	WYFR Family Radio	ENA	11855 13695
					WNA	11615
					MEX	17760
					SAs	7580/RUS-s
1400	1557		CHN	China Radio Int.	Af	13685/MLI 17630/MLI
1400	1600		HOL	Radio Nederland	SAs	9345/UZB 12080/MDG 15595/MDG
1400	1600		SNG	News Radio 93.8	SEA	6150
1400	1600		USA	Brother Stair	Eu	6110/D-j
					ME	13810/D-j
1400	1700	SaSu	CAN	Radio Canada Int.	CNA	9515 13655
					ENA	13655 17820
					Car	17820
1400	1700		USA	KJES Vado, NM	NAm	11715
1400	1730		JOR	Radio Jordan	Eu	11690
1400	2400		USA	KAIJ Dallas, TX	NAm	13815
1400	2400		USA	WWCR 2	NAm	13845
1400	0905		CAN	CKZU Vancouver	NAm	6160
1415	1430		NPL	Radio Nepal	NPL	5005
1430	1500		HOL	Radio Nederland DIGITAL	Eu	7240
1430	1500	Sa	IND	AIR Gangtok (Sikkim)	IND	1404 3390
1430	1500		KOR	Radio Korea Int.DIGITAL	Eu	9770

1430	1500		S	Radio Sweden	As	11550
					NAm	15240/CAN
1430	1600		BRM	Radio Myanmar	SEA	576 4725 5986
1430	1800		AUS	HCJB Australia	SAs	15390
1445	1500	Mo-Sa	G	BBC World Service	SAs	1413/OMA 6140/OMA 7205/OMA 15245/THA
1500	1530		BTN	Bhutan BS	BTN	6035
1500	1530	Mo-Fr	D	Radio Rhino Int.	UGA	17870j
1500	1530	Fr	F	RFI DIGITAL	Eu	9875/G-r
1500	1530		MNG	Voice of Mongolia	As	12015
1500	1530	Sa	NZL	RNZI DIGITAL	Eu	9875/G-r
1500	1530		VTN	Voice of Vietnam	SEA	1242 7285 9840 12020
1500	1545		USA	WYFR Family Radio	ENA	11855
					WNA	11615
					MEX	17760
					SAm	15210
					SAs	15520/UAE
1500	1557		CAN	Radio Canada Int.	SAs	5985/KOR 9635/CHN-x 11730/CHN-x 11975/CHN-x
1500	1557		CHN	China Radio Int.	As	7160u 9785j
					Eu	9435ka 9525ka
					NAm	7405j 13675/CAN 17730/CUB
1500	1600		AFS	Channel Africa	SAF	11825
					EAF	17770
1500	1600		AUS	Radio Australia	As	6080 9475 11750
					Woc	9590
					Oc	5995 7240 9590
1500	1600	Sa	BEL	TDPradio DIGITAL	Eu	6015/D-j
1500	1600		G	BBC World Service	Car	15190/ATG
					SAm	15190/ATG
1500	1600		G	BBC World Service	EAF	11860#/SEY 15420#/SEY 21490#/AFS 21660/CYP
					SAF	6190/AFS 11940/AFS 21470/AFS
					WAF	15400/ASC 17830/ASC
1500	1600		G	BBC World Service	Eu	12095w 15485s 15565r
					EEu	666+/RUS-e 1260+/RUS-m 1260+/RUS-sp
1500	1600		G	BBC World Service	FE	7160/THA
					SAs	5975/SNG 15310/THA 17790/OMA
					SEA	6195/SNG 9740/SNG
1500	1600		G	BBC World Service	ME	1323/CYP
1500	1600		G	FEBA Radio	SAs	7340/RUS-i
1500	1600		J	NHK Radio Japan	SEA	7200
					As	6190
					SAs	9875
					NAm	9505
					CAm	9505
1500	1600		KRE	Voice of Korea	Eu	4405 7570 12015
					NAm	9335 11710
1500	1600	Mo-Fr	NMB	Namibian BC 1	NMB	6175
1500	1600	Mo-Fr	NMB	Namibian BC 2	NMB	6060
1500	1600		RUS	Voice of Russia	As	972\$/TJK 1251/TJK 5945 6205 7260 7315 7350 7415 11500 12025
1500	1600		RUS	Voice of Russia DIGITAL	Eu	12060
1500	1600	Sa	USA	Bible Voice	SAs	12005/D-j
1500	1600		USA	Voice of America	Af	13600/STP 13865/CLN 17715/BOT 17895/BOT
1500	1600		USA	Voice of America	As	7125/THA 9645/CLN 11780/CLN 13735/CLN
1500	1600		USA	Voice of America	As	1575/THA 6110/PHL 9760/PHL 9795/PHL 9825/PHL 15460/THA
1500	1600		USA	Voice of America	ME	9685/GRC 11835/D-L 15255/GRC
1500	1630		GUM	KTWR Trans World Radio	SAs	12105
1500	1700		USA	WYFR Family Radio	SAs	6280/TWN

1500	1800	AUS	Voice International	SEA	13635
				CHN	11840
1530	1545	BGD	Radio Bangladesh	SAs	4880
1530	1545	G	BBC World Service	SAs	9600/SNG 11685/SNG
1530	1545	IND	All India Radio	As	7255a 9820p 9910k 11740p
1530	1550	CVA	Radio Vaticana	SAs	9865 11850 13765
1530	1600	Sa	AUS Radio Australia DIGITAL	Eu	9875/G-r
1530	1600	Sa	CVA Radio Vaticana	Af	9865 11850 13765
				As	9865 11850 13765
1530	1600		USA Adventist World Radio	SAs	15225/UAE
1530	1600	134	USA Bible Voice	SAs	12005/D-j
1530	1630		IRN IRIB Teheran	SAs	9610s 9940k
1545	1600		USA WYFR Family Radio	ENA	11855
				WNA	11615
				MEX	17760
				SAs	15520/UAE
1600	1610		TKM Turkmen Radio	CAs	279 5015
1600	1615		PAK Radio Pakistan	Af	9390 11570 11850 15725
1600	1630	Su	HNG Radio Budapest	Eu	6025 9580
1600	1630	SaSu	SWZ Trans World Radio	ZWE	6070
1600	1630		USA Adventist World Radio	SAs	15480/GUM 15495/GUM
1600	1630		VTN Voice of Vietnam	Eu	7280 9730 11630
				ME	7220 9550
				SEA	1242
1600	1645		USA WYFR Family Radio	ENA	13695
				WNA	11615
				MEX	17760
				Car	6085
				SAm	11830
				SAs	15520/UAE
				Af	17690
				Eu	18980 21455
1600	1657		CHN China Radio Int.	Af	9570x 11900x
				As	1080 1323
				Eu	7255u 9435ka 9525ka
				NAm	17730/CAN
1600	1700		AUS Radio Australia	As	6080 9475
				Woc	9710
				Oc	5995 7240 9710
1600	1700	Sa	BEL TDPradio DIGITAL	NAm	11900
1600	1700		D Deutsche Welle	SAs	1548/CLN 6170/CLN 7225/CLN 11695w
1600	1700		ETH Radio Ethiopia	EAF	7165 9560
1600	1700		F Radio France Int.	NAF	11615
				WAF	15160/AFS
				CAf	9730/AFS 17850
				EAF	11615 15605
				ME	11615
1600	1700		G BBC World Service	Car	15190/ATG
				SAm	15190/ATG
1600	1700		G BBC World Service	EAF	21660/CYP
				SAf	6190/AFS 11940/AFS 21470/AFS
				WAF	15400/ASC 17830/ASC
1600	1700		G BBC World Service	Eu	9410w 12095w 15485s 15565r 17820r
1600	1700		G BBC World Service	ME	1323/CYP 17790/CYP
1600	1700		G BBC World Service	SAs	3915/SNG 5975/THA 11750/SNG 15310/THA
				SEA	6195/SNG 7160/SNG
1600	1700		KOR Radio Korea Int.	Af	9870
				FE	5975
1600	1700		KRE Voice of Korea	ME	3560 9990 11545
1600	1700		RUS Voice of Russia	As	972/TJK 4940/TJK 4965/TJK 4975/TJK 7260 7415
				ME	6005 9470

1600	1700		TWN	Radio Taiwan Int.	Eu	6130 7290
1600	1700		USA	Voice of America	SAs	11815
					Af	909/BOT 1530/STP 13600/STP 15240/MRC 15445/BOT 17640/MRC 17715/STP 17895/BOT
1600	1700		USA	Voice of America	As	1143/PHL 6160/PHL 7125/THA 9645/CLN 9760/PHL
1600	1700		USA	Voice of America	ME	9685/GRC 9855/D-L 15255/GRC
1600	1700		USA	WEWN Birmingham, AL	NAm	13615
1600	1747		SUD	Radio Peace	SUD	4750
1600	2100		USA	WHRA World Harvest R.	Af	17650
1600	2100		USA	WMLK Bethel, PA	NAm	9265
1600	2200		USA	WWCR 3	NAm	12160
1600	2200		USA	WWCR 4	NAm	9985
1600	2300		NIG	Radio Nigeria Lagos	WAF	3326 4990
1605	1630	SaSu	AUT	ORF oe1 International	WNA	13675/CAN
1610	1625	Mo-Fr	AUT	ORF oe1 International	WNA	13675/CAN
1615	1700	SaSu	G	BBC World Service	Eaf	11860/SEY 15420/SEY 21490/AFS
1630	1700		CHN	PBS Xizang	CHN	4905 4920 5240 6110 6130 6200 7125 7385
1630	1700	Mo-Fr	G	BBC World Service	Eaf	15420/SEY
1630	1700		USA	Adventist World Radio	SAs	11980/GUM
1630	1830		EGY	Radio Cairo	SAF	9855
1630	1900	Su	USA	Bible Voice	ME	9460/D-j
1635	1700	SaSu	AUT	ORF oe1 International	WNA	13675/CAN
1640	1650	Mo-Sa	TKM	Turkmen Radio	CAs	576 4930
1640	1655	Mo-Fr	AUT	ORF oe1 International	WNA	13675/CAN
1645	1700		TJK	Radio Tajikistan	As	1161 7245
1645	1700	Tu	USA	Bible Voice	ME	9460/D-j
1645	1700		USA	WYFR Family Radio	Eu	18980 21455
					Af	17690
					ENA	13695
					Car	6085
					SAs	15520/UAE
1645	1715	Mo,We	USA	Bible Voice	ME	9460/D-j
1645	1745	Th	USA	Bible Voice	ME	9460/D-j
1645	1915	Sa	USA	Bible Voice	ME	9460/D-j
1651	1750		NZL	Radio New Zealand Int.	Oc	9870
1700	1710	Mo-Fr	MDA	Radio DMR	Eu	5960
1700	1727		CZE	Radio Prague	WEu	5930
					WAF	15710
1700	1730		AZE	Voice of Azerbaijan	ME	1295 6111
1700	1730		F	Radio France Int.	Eaf	11615 15605
					ME	11615
1700	1730		HRV	Voice of Croatia	Eu	594 774 783 1125 1134
1700	1730		SWZ	Trans World Radio	SAF	1170 3200
1700	1745		G	BBC World Service	Eaf	6005/SEY 9630/SEY
1700	1755		AFS	Channel Africa	WAF	15285
1700	1757		CHN	China Radio Int.	Af	9570x 11900x
					As	1080 1323
					Eu	6100q 7255u
1700	1800		AUS	Radio Australia	As	6080 9475
					WOc	9710
					Oc	5995 7240 9710 11880
1700	1800		G	BBC World Service	Eaf	15420/AFS
					SAF	3255/AFS 6190/AFS 21470/AFS
					WAF	15400/ASC 17830/ASC
1700	1800		G	BBC World Service	Eu	6195r 6195s 6195/CYP 9410/CYP 12095w 15565r 17820s
1700	1800		G	BBC World Service	ME	1323/CYP
1700	1800		G	BBC World Service	SAs	3915/SNG 5975/THA 11750/SNG 15310/THA
					SEA	7160/SNG

1700	1800		J	NHK Radio Japan	NAm	9535
					CAM	9535
					Eu	11970
					SAf	15355/GAB
1700	1800	Fr	J	NHK Radio Japan DIGITAL	Eu	9875/G-r
1700	1800		RUS	Voice of Russia	As	648/TJK 1251/TJK 1269
						5910 5945 7415
					ME	9470 9830
1700	1800		USA	Voice of America	Af	13710/THA 15240/MRC
						15445/BOT
1700	1800		USA	WYFR Family Radio	Eu	18980 21455
					ENA	13695
					MEX	17510
					CAF	21680/ASC
1700	2000		USA	WEWN Birmingham, AL	NAm	13615
					Eu	15695
					Af	15695
1700	2100		NIG	Voice of Nigeria	WAF	7255 9690
1700	2200		USA	AFRTS	NAO	7590/ISL 13855/ISL
					Car	5446.5k 7812.5/PTR 12133.5k
					Oc	5765/GUM 10320/HWI
1700	2215		SRL	Sierra Leone BS	WAF	3316
1700	0030	Su	IRL	Reflections Europe	Eu	3910 6295 12255
1700	0400		ZMB	Christian Voice	SAf	4965
1715	1730		CVA	Radio Vaticana	Eu	585 1530 4005 5885
						7250 9645 15595
					As	15595
1730	1735		IND	AIR Thiruvananthapuram	IND	5010
1730	1745		G	BBC World Service	EAF	7230/AFS
					SAf	3390/AFS
					WAF	9685/AFS
1730	1745	Fr	G	FEBA Radio	IRN	9840/RUS-m
1730	1745	Mo-Fr	UN	United Nations Radio	Af	7170/AFS 9565/G-s 17810/ASC
1730	1800		CVA	Radio Vaticana	Af	11625 13765 15570
1730	1800		G	BBC World Service	Eu	612/UKR 5875/CYP
						6015s 7190r
1730	1800		GEO	Radio Georgia	ME	6180
1730	1800		SVK	Radio Slovakia Int.	WEu	5915 6055
1730	1800		USA	Adventist World Radio	ME	11560/GUM
1730	1800		USA	Voice of America	ZWE	909/BOT 11975/STP 17895/MRC
1730	1900		SWZ	Trans World Radio	SAf	1170 3200 9500
1745	1815		BGD	R Bangladesh - VoIslam	Eu	7185 9550
1745	1945		IND	All India Radio	WEu	7410k 9950k 11620a
					EAF	11935m 15075k 17670k
					WAF	9445b 13605b 15155a
1751	1850		NZL	Radio New Zealand Int.	Oc	11980
1800	1810		BOT	Radio Botswana	SAf	4820
1800	1810		TZA	Radio Tanzania Zanzibar	EAF	11734
1800	1815	Sa	USA	Bible Voice	IRN	7210/D-j
1800	1827		CZE	Radio Prague	WEu	5930
					As <sup>9</sup>	415
1800	1830		USA	Adventist World Radio	SAf	3215/AFS 3345/AFS
					EAF	11925/AFS
1800	1830	We,Fr	USA	Adventist World Radio	SDN	9530/AUT
1800	1830		VTN	Voice of Vietnam	Eu	5955/AUT 7280 9730 11630
1800	1900	Mo-Fr	ARG	R.Argentina al Exterior	Eu	9690 15345
1800	1900		AUS	Radio Australia	As	9475
					WOC	6080 7240 9710
					Oc	7240 9580 9710 11880
1800	1900		CAN	Radio Canada Int.	Af	5850/S 7185/CHN-ka
						9770/CHN-ka 11875/D-w 15140
1800	1900		G	BBC World Service	EAF	6005\$/SEY 9630\$/SEY
						15420/AFS
					SAf	3255/AFS 5975\$/THA
						6190/AFS 21470/AFS



1800	1900	G	BBC World Service	WAF	15400/ASC 17830/ASC
				Eu	6195r 6195s 6195/CYP 9410/CYP 12095w 13700s
1800	1900	G	BBC World Service	ME	1323/CYP 1413#/OMA
1800	1900	G	BBC World Service	SAs	5975#/THA 11750#/THA
1800	1900	HOL	Radio Nederland	SAF	6020/MDG
				CAF	11655/MDG
				WAF	11655/MDG
				EAF	9895
1800	1900	POL	Radio Polonia	Eu	7265 7270
1800	1900	ROU	Radio Romania Int.	WEu	5965 7130
1800	1900	RUS	Voice of Russia	Eu	1494 5950 6175 7290
				Af	11510
				ME	1251/TJK 9830
				As	1251/TJK 5910 5945 7415
1800	1900	SDN	Radio Omdurman	SDN	7200
1800	1900	TWN	Radio Taiwan Int.	Eu	3965/F
1800	1900	SaSu	USA Bible Voice	ME	9730/D-j
1800	1900	We,Fr	USA Bible Voice	ME	9460/D-j
1800	1900		USA Voice of America	Af	909/BOT 6035/STP 11975/STP 13710/THA 15240/MRC 17895/BOT
1800	1900		USA WYFR Family Radio	Eu	18980
				WAF	15115
				ENA	13695
				WNA	17535
				MEX	17510
1800	1900	YEM	Rep.of Yemen Radio	ME	5990 9780
1800	1957	CHN	China Radio Int.	Eu	6100q
1800	2000	G	Christian Voice	NIG	9680/BUL-s
1800	2100	AUS	Voice International	SEA	11685
1815	1900	BGD	Radio Bangladesh	Eu	7185 9550
1830	1840	RRW	Radio Rwanda	CAF	6055
1830	1845	Mo,We	G BBC World Service	Eu	6050/CYP 6130s 7105r
1830	1845		ISR Kol Israel	Eu	9390 11585 11605
				NAm	9390 11585 11605
1830	1855	BEL	Radio Vlaanderen Int.	WEu	1512 7490/RUS-a
				SEE	5910/D-j
				ME	5910/D-j
1830	1900	BUL	Radio Bulgaria	WEu	5800 7500
1830	1900	Mo-Sa	S Radio Sweden	Eu	1179 6065
1830	1900		USA Adventist World Radio	EAF	11925/AFS
1835	1850	SaSu	COG RTV Congolaise	CAF	5985 6115
1851	2235		NZL Radio New Zealand Int.	Oc	15265
1900	1920	SaSu	MLI RTV du Mali	WAF	4783 4835 5995
1900	1930		LTU Radio Vilnius	Eu	666
1900	1930	Su	USA Bible Voice	EEu	6015/D-j
1900	1930		VTN Voice of Vietnam	Eu	7280 9730 11630
1900	1945		USA WYFR Family Radio	Eu	15565 18980
				WAF	15115
				SAF	3230/AFS 6020/MDG
				ENA	13695
				WNA	17535
				MEX	17510
				Car	6085
1900	1957		CHN China Radio Int.	Af	7295k 9440b 9585k
1900	2000	Mo	AFS So.African Radio League	SAF	3215
1900	2000		AUS Radio Australia	As	9500
				WOC	6080 7240 9710
				Oc	7240 9580 9710 11880
1900	2000	Sa	CLN Sri Lanka BS	Eu	6010/G-s
1900	2000		D Deutsche Welle	EAF	6180/RRW 11865/POR 13780w 17800/POR
1900	2000		G BBC World Service	EAF	6005/SEY 9630/SEY
				SAF	3255/AFS 5975/THA

					6190/AFS 12095/ASC
				WAF	15400/ASC 17830/ASC
1900 2000		G	BBC World Service	Eu	1296\$ 6195r 6195s 6195/CYP
					9410/CYP 13700s
1900 2000		G	BBC World Service	ME	1323/CYP 1413/OMA
1900 2000		HOL	Radio Nederland	CAF	7120/MDG 11655/MDG
				WAF	11655/MDG 17810/ATN
				EAF	9895
				SAF	7120/MDG
1900 2000		KOR	Radio Korea Int.	Eu	7275
				FE	5975
1900 2000		KRE	Voice of Korea	Eu	4405 7570 12015
1900 2000		RUS	Voice of Russia	Af	7335 11510
				Eu	6175 6235k 7290 7400
1900 2000		THA	Radio Thailand	Eu	9840
1900 2000	Sa	USA	Bible Voice	EEu	6015/D-j
1900 2000	Sa	USA	Bible Voice	ME	9470/D-n
1900 2000	Sa	USA	Bible Voice	WAF	7295/D-j
1900 2000		USA	KJES Vado, NM	Oc	15385
1900 2000		USA	Voice of America	Af	909/BOT 4940/STP 6035/STP
					11975/STP 13710/THA
					15240/MRC 15580g 17895/BOT
1900 2000		USA	Voice of America	ME	9785/GRC 12015/THA 13640/MRC
1900 2015	Fr,Su	USA	Bible Voice	ME	9470/D-n
1900 2030		SWZ	Trans World Radio	SAF	1170 3200
1900 2100	SaSu	HOL	Radio Nederland	ENA	17725/ATN
				CNA	15315/ATN
				WNA	17875/CAN
1900 2200		AFS	Channel Africa	SAF	3345
1900 2200		USA	WSHB World Harvest R.	Am	15665
1900 0400	SaSu	NMB	Namibian BC 2	NMB	6060 6175
1900 0500	Mo-Fr	NMB	Namibian BC 2	NMB	6060 6175
1900 1100		SLM	Solomon Islands B.C.	SLM	5020
1905 1915		HRV	Voice of Croatia	Eu	6165 13830
1915 1930		BFA	Radio Burkina	WAF	5030
1915 1930		G	BBC World Service	WAF	15105/ASC 17885/ASC
1915 1945	Fr	USA	Bible Voice	WAF	7295/D-j
1925 1945	Mo-Sa	ARM	Voice of Armenia	Eu	4810 9965
1930 1945	Fr	COG	RTV Congolaise	CAF	5985 6115
1930 2000	1245	BLR	Radiostation Belarus	Eu	7105 7340
1930 2000		GEO	Radio Georgia	CEu	11910
1930 2000		GRC	Voice of Greece	Eu	7430
1930 2000		SCG	Int.R.Serbia-Montenegro	Eu	6100
1930 2000		SVK	Radio Slovakia Int.	WEu	5915 7345
1930 2000	Su	USA	Bible Voice	WAF	7295/D-j
1930 2020		TUR	Voice of Turkey	Eu	6055
1930 2030		IRN	IRIB Teheran	Eu	6110 7320s
				Af	9855s 11695k
1930 2200		PNG	NBC Port Moresby	PNG	4890
1935 1955		I	RAI International	Eu	6035 9760
1945 2000	Mo-Sa	ALB	Radio Tirana	Eu	6115 7210
1945 2000		USA	WYFR Family Radio	MEX	17510
				WNA	17535
				WAF	15115
				SAF	3230/AFS 6020/MDG
1945 2015	Fr	USA	Bible Voice	WAF	7220/D-w
2000 2025		ISR	Kol Israel	Eu	6280 9390
				NAm	6280 9390
				SAF	15615
2000 2030		CVA	Radio Vaticana	Af	7365 9755 11625
2000 2030		HNG	Radio Budapest	Eu	3975 6025/SVK
2000 2030		MNG	Voice of Mongolia	Eu	12015
2000 2030	Mo-Sa	S	Radio Sweden	Eu	1179
2000 2030	Su	USA	Bible Voice	EEu	6015/D-j
2000 2057		CHN	China Radio Int.	Af	7295k 9440b 11640/MLI

						13630/MLI
					Eu	1386/LTU 1440/LUX 6100q 7190ka 9600b 9855u
2000	2100		AUS	Radio Australia	As	9500
					Woc	6080(Su-Th) 7240(Su-Th) 11650
					Oc	9580 11650 11880 12080
2000	2100	Sa	BEL	TDPradio	Eu	7590
2000	2100	Sa	BEL	TDPradio DIGITAL	Eu	7375
2000	2100		D	Deutsche Welle	SAf	12025/CLN 13780w 15205w 15410/CLN
2000	2100	Mo-Fr	E	Radio Exterior España	Af	9595
					Eu	9680
2000	2100		G	BBC World Service	EAF	6005/SEY 9630/SEY
					SAf	3255/AFS 6190/AFS 12095/ASC
					WAF	15400/ASC 17830/ASC
2000	2100		G	BBC World Service	Eu	1296 6195r 6195/CYP 9410/CYP
					EEu	612/UKR 1260/RUS-m(Su) 1260/RUS-sp(Su) 666/RUS-e(Su)
2000	2100		G	BBC World Service	ME	1323/CYP 1413/OMA
2000	2100		HOL	Radio Nederland	CAF	7120/MDG 11655/MDG
					WAF	9895 11655/MDG 17810/ATN
					SAf	7120/MDG
2000	2100		INS	Voice of Indonesia	Eu	15150
2000	2100		RUS	Voice of Russia	Eu	6145 6235k 7290 7330
2000	2100		USA	Adventist World Radio	CAF	15295/AFS
2000	2100		USA	KJES Vado, NM	Car	15385
2000	2100		USA	Voice of America	Af	909/BOT 1530/STP 4940/STP 6035/STP 11975/STP 13710/BOT 15240/MRC 15580g
2000	2100		USA	Voice of America	ME	1593/KWT
2000	2100		USA	WYFR Family Radio	Eu	5820 7360/MDA 7580
					WAF	15115 15195/ASC
					SAf	3230/AFS 6020/MDG
					WNA	17535
					MEX	17510
					SAm	17575
2000	2157		CHN	China Radio Int.	Eu	5960/ALB 7285/ALB
2000	2200		USA	WEWN Birmingham, AL	NAm	13615
					Eu	17595
					Af	17595
2000	2300		CAN	Radio Canada Int.	Car	15180
2005	2105		SYR	Radio Damascus	Eu	12085 13610
2025	2045		I	RAI International	Eu	6040 11880
2030	2045		THA	Radio Thailand	Eu	9535
2030	2055		BEL	Radio Vlaanderen Int.	WEu	1512 7490/RUS-a
2030	2100		GEO	Radio Georgia	NEu	11760
2030	2100		S	Radio Sweden	Eu	6065
					As	7420
2030	2100		UZB	Radio Tashkent Int.	Eu	5025 7185 11905
2030	2100		VTN	Voice of Vietnam	Eu	7280 9730 11630
					Af	5955 7220 9550
2030	2130		CUB	Radio Habana Cuba	NAm	9505 11760
2030	2200		EGY	Radio Cairo	WAF	15375
2045	2230		IND	All India Radio	WEu	7410k 9445b 9950k
					Oc	9910a 11620b 11715p
2050	2110		CVA	Radio Vaticana	Eu	585 1530 4005 5885 7250
2100	2127		CHN	China Radio Int.	Af	11640/MLI 13630/MLI
2100	2127		CZE	Radio Prague	WEu	5930
					NAm	5930
					SEA	9430
2100	2130	Su	BLR	Radiostation Belarus	Eu	7105 7340
2100	2130		KOR	Radio Korea Int.	Eu	3955/G-s
2100	2130		USA	Adventist World Radio	WAF	9830/AUT

2100 2145		USA	WYFR Family Radio	Eu	5820 7360/MDA 7580
				WAF	15565
				WNA	17535
				MEX	17510
				SAm	17575
2100 2157		CHN	China Radio Int.	Eu	7190ka 9600b 9855u
2100 2200		AUS	Radio Australia	As	9500# 11695#
				WOC	9660 11650
				Oc	11650 12080 13630 15515
2100 2200		CAN	Radio Canada Int.	Eu	5850/S 9770
2100 2200	We,Sa	CLA	Voice of Biafra Int.	WAF	7380/AFS
2100 2200		D	Deutsche Welle	WAF	9615w 13780/CLN 15410/RRW
2100 2200		G	BBC World Service	Car	5975/ATG
				SAm	12095/ASC
2100 2200		G	BBC World Service	EAF	9605/SEY
				SAF	3255/AFS 6005/SEY 6190/AFS
				WAF	15400/ASC
2100 2200		G	BBC World Service	Eu	6195r 6195/CYP 9410/CYP
				EEu	612+/UKR 1260+/RUS-m
					1260+/RUS-sp 666+/RUS-e
2100 2200		G	BBC World Service	FE	5965/THA 6110/J
				SAs	3915/SNG
				SEA	6195/THA
2100 2200		G	BBC World Service	ME	1323/CYP
2100 2200		HOL	Radio Nederland DIGITAL	ENA	15530/ATN
2100 2200		J	NHK Radio Japan	Oc	6035/SNG
				NAm	17825
				Eu	6090/G-s 6180/G-s
				CAf	11855/ASC
2100 2200		KRE	Voice of Korea	Eu	4405 7570 12015
2100 2200		RUS	Voice of Russia	Eu	6235k 7300 7330
2100 2200		USA	Voice of America	Af	909/BOT 1530/STP 6035/STP
					11975/STP 13710/BOT 15580g
2100 2300		USA	WWCR 1	NAm	9985
2100 2400		USA	WHRA World Harvest R.	Af	9455
2110 2130	Mo-Fr	G	BBC World Service	Car	11675/ATG
				SAm	11675/ATG 15390/USA-g
2110 2210		SYR	Radio Damascus	Eu	12085 13610
2115 2245		EGY	Radio Cairo	Eu	9990
2130 2133		SVN	Radio Slovenija	Eu	918
2130 2145	Tu,Fr	G	BBC World Service	FLK	11680r
2130 2200	Fr	G	Wales Radio Int.	Eu	3955s 7110/AUT
2130 2200		HOL	Radio Nederland DIGITAL	ENA	9800/CAN
2130 2200		ROU	Radio Romania Int.	WEu	6055 7145
				NAm	6015 9540
2130 2200		USA	Adventist World Radio	FE	11980/GUM 12010/GUM
				WAF	9830/AUT
2130 2200		UZB	Radio Tashkent Int.	Eu	5025 7185 11905
2130 2220		TUR	Voice of Turkey	AUS	9525
				As	9525
2130 0830		AUS	Australian Broadc.Co.	AUS	4835 4910 5025
2145 2200		USA	WYFR Family Radio	Eu	5820 7360/MDA 7580
				WAF	15565
				SAm	17575
2200 2225		BEL	Radio Vlaanderen Int.	ENA	11730/ATN
2200 2230		HNG	Radio Budapest	Eu	6025/SVK
				SAF	12010
2200 2230		SCG	Int.R.Serbia-Montenegro	Eu	6100
2200 2245		USA	WYFR Family Radio	Af	21525
				WNA	11740
				SAm	9690
2200 2257		CHN	China Radio Int.	Eu	7160/RUS-t
2200 2300		AGL	Radio Nacional Angola	AGL	944 7217
2200 2300		AUS	Radio Australia	As	13620 15240
				WOC	15230

				Oc	13630 15230 15515 21740
2200 2300		BUL	Radio Bulgaria	WEu	5800 7500
2200 2300		CAN	Radio Canada DIGITAL	ENA	9800
2200 2300	Sa	CAN	R. Canada Nord-Quebec	CAN	9625
2200 2300		D	Deutsche Welle	FE	6180/CLN 6225/KAZ
2200 2300	SaSu	E	Radio Exterior España	Af	9595
				Eu	9680
2200 2300		G	BBC World Service	Car	5975/ATG
				SAm	12095/ASC
2200 2300		G	BBC World Service	EAF	9605/SEY
				WAF	15400/ASC
2200 2300		G	BBC World Service	Eu	6195r 6195/CYP
				EEu	612#/UKR 1260/RUS-m
2200 2300		G	BBC World Service	ME	1314/UAE 1323/CYP
2200 2300		G	BBC World Service	SAs	7105/OMA
				SEA	6195/SNG 9740/SNG 11955/SNG
2200 2300		HOL	Radio Nederland	Eu	1512/BEL
2200 2300		TWN	Radio Taiwan Int.	Eu	9355/USA-o
2200 2300		UKR	Radio Ukraine Int.	WEu	5840x
2200 2300		USA	Voice of America	As	1575\$/THA 7215/PHL-x
					9890/PHL 15185/PHL-x
					15290/PHL 15305/CLN
					17740/PHL
2200 2300		USA	Voice of America	ME	1593/KWT
2200 2400		PNG	Radio East New Britain	PNG	5985
2200 2400		USA	WEWN Birmingham, AL	NAm	9975
				Eu	15695
				Af	15695
2200 0300		USA	WOCR 4	NAm	7465
2200 0600		USA	AFRTS	NAO	7590/ISL 13855/ISL
				Car	5446.5k 7812.5/PTR 12133.5k
				Oc	10320/HWI 13362/GUM
2200 0700		PNG	NBC Port Moresby	PNG	9675
2200 0800		USA	WSHB World Harvest R.	NAm	7535
2200 1000		AIA	The Caribbean Beacon	NAm	690 1610 6090
2200 1300		USA	WOCR 3	NAm	5070
2205 2230		I	RAI International		11895
2230 2257		CZE	Radio Prague	NAm	5930
				WAF	7345
2230 2300	Mo-Sa	ALB	Radio Tirana	Eu	7120
2230 2300		CAN	Radio Canada Int.	CHN	6160/KOR 7195/KOR 9730/J
2230 2300		S	Radio Sweden	Eu	1179 6065
2230 2300		USA	Adventist World Radio	SEA	11850/GUM 15320/GUM
2230 2300		USA	Voice of America	FE	9545/PHL 9785/THA 13755/MRA
2230 2400	SaSu	AUS	HCJB Australia	FE	15525
2230 0100	Mo-Fr	CAN	R. Canada Nord-Quebec	CAN	9625
2236 0359		NZL	Radio New Zealand Int.	Oc	17675
2245 2300		USA	WYFR Family Radio	WNA	11740
				SAm	9690
2245 0045		IND	All India Radio	SEA	9705p 11620k 13605b
				FE	9950a 11645k 13605b
2300 2330		D	Deutsche Welle DIGITAL	NAm	9800/CAN
2300 2330		S	Radio Sweden DIGITAL	NAm	9800/CAN
2300 2330		USA	Voice of America	FE	6180/THA 7205/THA 9780/PHL
				ME	1593/KWT
2300 2345		USA	WYFR Family Radio	WNA	11740
				CAm	5985 11855
				SAm	15170 15400
2300 2350		TUR	Voice of Turkey	Eu	5960
				NAm	5960
2300 2357		CHN	China Radio Int.	As	5975ka 7180ka
				NAm	5990/CUB 6040/CAN 11970/CAN
2300 2400		AUS	Radio Australia	As	13620 15240# 15415\$ 17750\$
				WOc	9660 13630 15230
				Oc	12080 15230 17795 21740

2300	2400		CHN	China Radio Int.	CAM	5990/CUB
2300	2400		CUB	Radio Habana Cuba	NAM	9550
2300	2400		D	Deutsche Welle	SEA	6070/CLN 9815/CLN 12035/RRW
2300	2400		G	BBC World Service	Car	5975/ATG
					SAM	12095/ASC
2300	2400		G	BBC World Service	Eu	6195r
					EEu	1260/RUS-m
2300	2400		G	BBC World Service	FE	6170\$/KOR 11945/J
						15280/THA
					SEA	3915/SNG 6195/SNG
						9740/SNG 11955/THA
2300	2400		G	BBC World Service	ME	1314/UAE 1323/CYP
2300	2400		ROU	Radio Romania Int.	WEu	6135 7105
					NAM	6180 9610
2300	0030		EGY	Radio Cairo	ENA	7115
2300	0100		USA	WSHB World Harvest R.	Am	7315
2300	0500		USA	WINB Red Lion, PA	NAM	9320
2300	0500		USA	WWRB Manchester TN	NAM	5745
2300	0600		USA	WWRB Manchester TN	NAM	5050 5085 6890
2300	0607	Su	CAN	R. Canada Nord-Quebec	CAN	9625
2300	1000		USA	WWCR 1	NAM	3210
2300	1100		SNG	NewsRadio 93.8	SEA	6150
2315	2330		HRV	Voice of Croatia	SAM	7285/D-j
					Eu	594 774 783 1125 1134
2315	2330	Sa	USA	Trans World Radio	Eu	1467/F
2315	2345	Su	USA	Trans World Radio	Eu	1467/F
2330	2357		CZE	Radio Prague	NAM	5930 7345
2330	2400		LTU	Radio Vilnius	NAM	7325
2330	2400		USA	Voice of America	FE	7205/THA 13755 15205/PHL-x
					SEA	9620/THA 11805/PHL 13640/MRA
2330	2400		VTN	Voice of Vietnam	INS	9840 12020
2335	2400	Mo,Su	AUT	ORF oe1 International	SAM	7325
2343	2358	Tu-Sa	AUT	ORF oe1 International	SAM	7325
2345	2400		USA	WYFR Family Radio	CAM	5985 11855
					SAM	15170 15400

Special broadcasts including also English language:

STARTSTOP	ITU	STATION	LANG	TARG	FREQUENCY
0000 0200	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
0300 0500	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
0600 0800	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
0900 1100	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
1200 1400	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
1500 1700	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
1800 2000	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743
2100 2300	THA	Bangkok Meterolog.Radio	E,Thai	SEA	6765 8743

(Eike Bierwirth's shortwave broadcasting-schedule list - December 27, 2004, filtered for the language-based transmissions by JKB)

The **Asia-Pacific Broadcasting Union (ABU)** is putting out a call to member broadcasters in the region to assist broadcasters caught in the aftermath of the tsunami tragedy. Broadcasting organizations were not spared in the disaster. More than 30 employees of ABU members are missing and feared dead, while many broadcasting facilities have been damaged and transmissions disrupted. The ABU is assisting in coordinating a project initiated by Commercial Radio Australia to restore broadcast operations in some of the stricken countries, through the establishment of temporary transmission facilities and through the donation of portable radios with fresh batteries to enable people made homeless in Aceh and other devastated regions to receive news of the relief efforts that are being mounted. Leading this initiative is ABU member Commercial Radio Australia, headed by CEO Joan Warner. Ms Warner has the support of radio engineers in Australia, Des DeCean, Director of Engineering and IT for the Austereo radio network being among them. Ms Warner said they are speaking to the Australian Government in making arrangements for assistance through AUSAID and added that CRA would also make available 12 volunteer engineers for the setting up of transmission facilities in disaster areas. Radio Republik Indonesia (RRI) has managed to set up temporary studio and AM and FM transmission facilities in Banda Aceh which are now operational. In addition to Emergency broadcast

equipment, it needs 5,000 portable AM and FM radio receivers for the stricken population. While Sri Lanka Broadcasting Corporation (SLBC)'s transmission facilities were not significantly affected by the tsunami, the Sri Lankan broadcaster urgently requires FM radio receivers for survivors. On the other hand, Radio Television Maldives has reportedly lost much of its equipment and seeks low power TV transmitters and portable camera-recording equipment to enable it to provide coverage of the disaster. Also needed are MW battery-powered radio sets for eight temporary shelters each housing some 500 to 3,000 people. Commercial Radio Australia is in the process of arranging for 50,000 AM/FM radios and six transmitters to be sent to affected areas in the course of the next 4-5 weeks including 5,000 radio units which will be ready for shipping to Indonesia by next week. In helping to coordinate relief efforts, the ABU is making a call for donations of radio sets and broadcast equipment by member broadcasters, suppliers, and other organizations for affected areas in Sri Lanka, Aceh and Maldives. ABU member in Singapore, MediaCorpTV, has immediately taken up the call and is looking into the Maldives requirement while Jan Gronstrup-Vivanco, Regional Director, Asia & Scandinavia, Eutelsat S.A., an ABU affiliate member, has offered assistance in the form of free usage of FSS capacity on their satellites. For more information and updates, to make a contribution, or to volunteer, please visit the ABU website at <<http://www.abu.org.my>>. (©RNMN by AS; via JKB; January 07, 2005)

The *United States DRM Group* inaugurated its new website in December 2004. It is sponsored by NASB associate member Continental Electronics, which is a key member of the group. The initial material on the website includes reports on the November 2004 DRM meetings in Dallas, Texas, but the content will be greatly expanded during 2005. (NASB Newsletter ©RNMN by AS; via JKB; January 13, 2005)

Andy Sennitt compiled an excellent *Review Of International Broadcasting in 2004*, which you will find in the Internet at: <<http://www2.rnw.nl/rnw/en/features/media/features/media041222.html>>. (website of Kim Elliott last updated at 10. February 2005 via JKB)

The 3000th audio clip to be uploaded to the *Interval Signals Online* web site features the morning sign-on of Baghdad talk station Radio Dijla [Tigris]. This starts with the "new" national anthem, which is actually a reversion to the anthem used in the period 1958-1965, entitled "My Homeland, My Homeland". The clip can be heard at <<http://www.intervalsignalsonline.com>>. (Dave Kernick, 2004 Dec 29, via DXLD #5-001)

**NEW ZEALAND:** *Radio New Zealand International - RNZI* schedule valid 31 Oct 2004 - 27 Mar 2005. Address: P.O.Box 123, Wellington, New Zealand. Fax: 00 64 4 474 1433 and e-mail address is <[info@rnzi.com](mailto: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\$ 2.00 if a QSL is sought. E-mail reports will be verified by e-mail only.

UTC	kHz	Primary Target	Az.	Days
0400-0759	15720	All Pacific, also AS and West coast USA	0	Daily
0800-1059	9885	All Pacific, As, Eu and East coast USA	0	Daily
1100-1259	15530	All Pacific, PNG, As, Eu	325	Daily
1300-1650	9870	All Pacific, Eu and East coast USA	0	Daily
1651-1750	9870	NE Pacific, Fiji, Samoa, Cook Islands	35	Daily
1751-1850	11980	NE Pacific, Fiji, Samoa, Cook Islands	35	Daily
1851-2050	15265	All Pacific	0	Daily
2246-0458	17675	All Pacific, West coast USA	0	Daily

Bougainville/Timor Transmission 1105-1305 program is directed to the North Western Pacific and Asia for NZ Forces serving overseas. Sunday to Friday RNZI joins Radio Australia's Breakfast programme beamed to Asia and the Pacific on short-wave and satellite. Central and South Pacific frequencies - 15515, 13630, 12080, 11660, 11650. West Pacific 11650, 9660 kHz.

RNZI joins the VT Merlin DRM Service for listeners in Europe for people lucky enough to have a DRM capable receiver!

Dateline Pacific can be heard every Saturday at 1400 UTC on 9770 kHz.

(RNZI schedule at the web last modified at 15 Jan 2005, via JKB)

**SPAIN:** *Radio Exterior de España* (REE) has started a daily program in Russian and Spanish directed to the countries of Eastern Europe. At the moment more than 150,000 citizens of those countries are working in Spain. REE wants offer them information about Spain in their own language, while at the same time part of the program is in Spanish with the purpose of helping thousands of East European citizens to know and improve their understanding of the language. REE intends as soon as possible to include a Spanish course for speakers of Russian within the new program. The broadcast is on the air Mon-Fri at 1700-1730 UTC on 15195 kHz. (©RNMN by AS; via JKB; January 26, 2005)

**USA:** An article in the Cincinnati Enquirer says that the former VOA Voice of America *Bethany Relay Station* is in urgent need of repair, and to help save the building Ohio lawmakers are considering a \$275,000 grant. That money would be combined with locally generated dollars to match a requested \$625,000 "Save America's Treasures" federal grant. The total \$1.2 million would be spent on electrical, heating and structural work on the building, which houses the Gray History of Wireless Museum, the Media Heritage broadcasting collection and township park offices. (©RNMN by AS; via JKB; January 27, 2005)

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### Sources & Contributors:

AS	Andrew Sennit - WRTH.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
JKB	Dr. Juergen Kubiak, Berlin - Germany.
Kim Elliott	Dr. Kim Andrew Elliott at < <a href="http://kimandrewelliott.com">http://kimandrewelliott.com</a> > - USA.
RNMN	R. Netherlands Media Network ©.
WDXC-HQ	WDXC Headquarters, 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	

<b>Languages:</b>	<b>Other common abbreviations:</b>
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

by Ashok Kumar Bose, Apt. #634, 3420 Morning Star Drive, Mississauga, ON, L4T 1X9, Canada  
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### MEDIUMWAVE BAND

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
774.0	0330	221	G	BBC Radio Littlebourne	English	Disaster	1001	MF
855.0	0355	222	G	Radio Sunshine	English	Hits,Jingles	1101	MF
954.0	0345	332	G	Classic Gold Hereford	English	ID Hits	1001	MF
990.0	0355	221	G	MAGIC	English	Catholic Church in Britain	1001	MF
1026.0	0330	122	G	Radio Cambridge	English	Football	1101	MF
1224.0	0325	322	E	Radio Lerida COPE	Spanish	Songs about Lerida	1101	MF
1260.0	0400	121	G	Sabras Sound	English	ID, about Australia	1001	MF
1269.0	0320	211	E	Radio Figueras COPE	Spanish	ID Local News	1101	MF
1332.0	0405	221	G	Somerset Radio	English	ID,Hits	1301	MF
1358.0	0440	212	G	BBC Radio Swinhoe	English	Disaster in Asia	1101	MF
1413.0	0405	322	E	Radio Gerona	Spanish	ID,Gerona News	1001	MF
1431.0	1930	222	G	Radio Breeze	English	Weekend News	1001	MF
1458.0	1935	322	G	Radio Torquay	English	Jingles	1001	MF
1476.0	1940	333	G	County Sound Radio	English	Gardening	1001	MF

### TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2310.0	1102	211	AUS	ABC VL8A Alice Springs	English	Musical program with interviews	3101	RAD
3219.8	2125	211	CLM	CARACOL	Spanish	Football match commentary	3001	RAD
3235.0	2247	433	B	Radio Guaruja paulista	Portugese	Pop vocal	3001	RAD
3240.0	0338	433	SWA	TWR via Mpangela Ranch	Ndau	Religious Talks	2801	RAD
3260.0	1135	322	PNG	Radio Madang	Pidgin	Program	0102	RAD
3275.0	1155	211	PNG	Radio Southern Highlands	Pidgin	Vocals,country & western tunes	3101	RAD
3310.0	2323	322	BOL	Radio Mosoj Chaski	Quechua	Talks rustic vocals and ID	3101	RAD
3315.0	1142	322	PNG	Radio Manus	English	Program of love songs	0102	RAD
3320.0	0402	211	AFS	Radio Sondergrense	Afrikaans	News	2101	RAD
3325.0	1155	111	INS	RRI Palankaraya	Indonesian	Talks,Instrumental music	0302	RAD
3325.0	0525	111	B	Radio Mundial	Portugese	Long talks,musical program	0801	RAD
3325.0	1200	211	PNG	Radio Bougainville	Pidgin	Vocal followed by national anthem	0102	RAD
3345.0	0259	221	AFS	Channel Africa	English	Choral Anthem and News	1812	RAD
3355.0	1200	322	PNG	Radio Simbu	English	Country & Western music	3101	RAD
3375.0	0932	433	B	Radio Educadora de Guajara Mirim	Portugese	Talks, Brazilian pops	3101	RAD
3375.0	100	322	PRU	Radio San Antonio	Spanish	Lively OA vocals	0102	RAD
3385.0	1210	211	PNG	Radio East New Britain	Pidgin	Talks and music	3101	RAD

3905.0	1143	222	PNG	Radio New Ireland	English	Talks and News	3101	RAD
3976.1	1052	211	INS	RRI,Pontianak	Indonesian	Koran chants and talks	3101	RAD
4386.5	1127	222	PRU	Radio Imperio	Spanish	ID,TC,Vocals	3101	RAD
4500.0	0350	222	ZAM	Radio 2	English	Vocals,ID,News	0201	RAD
4605.0	1145	211	INS	RRI,Serui	Indonesian	Talks local music & Jakarta News	0102	RAD
4650.3	2255	211	BOL	Radio Santa Ana	Spanish	Long talks,rustic vocals	3001	RAD
4746.9	2335	222	PRU	Radio Huanta 2000	Spanish	Talks,OA vocals	3101	RAD
4750.0	0232	211	G	Radio Peace	English	ID,Anns,Choir vocals	0302	RAD
4750.0	2145	211	INS	RRI,Makassar	Indonesian	Pop music and talks	3001	RAD
4770.0	2155	221	NIG	Radio Nigeria,Kaduna	English	Choir,ID,Brown music	0602	RAD
4775.0	0352	433	SWA	TWR via Mpangela Ranch	Lomwe	English ID followed by talks	2801	RAD
4777.0	0532	211	GGAB	Radio Gabon	French	Highlife vocals program	2001	RAD
4785.0	1045	222	B	Radio Caiari	Portugese	Talks,ID	0102	RAD
4790.0	2135	22	INS	RRI,Fak Fak	Indonesian	Talks,Instrumental music	3001	RAD
4790.0	1050	211	PRU	Radio Atlantida	Spanish	Talks,OA vocals	3101	RAD
4796.4	1030	211	BOL	Radio Mallku	Ayamara	Talks and music	3101	RAD
4835.5	1027	222	PRU	Radio Maranon	Spanish	Talks,ID	3101	RAD
4874.8	1014	322	BOL	Radio La Cruz del Sur	Aymara	Religious vocal	2612	RAD
4890.0	0428	433	GAB	Radio France Intl., via Moyabi	French	ID,News	2101	RAD
4895.0	0102	222	IND	AIR,Kurseong	Hindi	Voacls and instrumentals	3101	RAD
4910.0	2149	222	ZMB	ZNBC	English	Highlife music New Years program	3112	RAD
4919.0	0503	333	EQA	Radio Quito	Spanish	Talks,ID,Latin vocals	2301	RAD
4925.0	1149	211	INS	Radio Jambi	Indonesian	News	0202	RAD
4930.0	0257	333	BOT	VOA via Moepeng Hill	English	Daybreak Africa program	0102	RAD
4944.9	0242	211	B	Emissora Rural	Portugese	Religious talks	0801	RAD
4945.0	0204	211	B	Radio Difusora de Poasos de Caldes	Portugese	Talks	1712	RAD
4950.0	2336	433	AGL	Radio Nacional	Portugese	Talks,Pop music	0202	RAD
4960.0	1228	111	PNG	Catholic Radio Network	English	Choir,Talks	0102	RAd
4976.0	0405	322	UGA	Radio Uganda, Kampala	English	ID,Talks	0602	RAD
4980.0	0104	211	CHN	Xinjiang PBS	Uighur	Talks,instrumental music	0702	RAD
4990.0	0330	322	SUR	Radio Apintie	English	ID,Music	2501	RAD
5010.0	0023	222	IND	AIR,Thiruvananthapuram	Hindi	ID,News	2501	RAD
5010.0	0302	222	MDG	Radio Nacional Malagasy	Malagasy	News,Instrumental music	1712	RAD
5014.5	0304	211	PRU	Radio Altura	Spanish	Talks,ID,TC	2901	RAD
5030.0	2140	433	BFA	RTV Burkina	French	Talks,music program	1812	RAD
5045.0	0129	433	B	Radio Guaruja Paulista	Portugese	Pop vocals,Advts.	3001	RAD
5070.0	0258	555	USA	WWCR	English	Ask WWCR Biweekly	0201	RL

## SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5500.0	0356	322	ETH	Voice of Tigray Revolution	Tigrinya	ID,News	1812	RAD
5544.6	0319	211	PRU	Radio San Andres	Spanish	Romantic vocal,ID	0102	RAD
5775.0	2220	433	ITA	IRRS	English	ID ,Request for reception report	3001	RAD
5825.0	0703	555	USA	WEWN	English	Super Saints	1101	RL
5835.0	0627	555	USA	WHRI	English	Dxing with Cumbre # 435	2512	RL
5890.0	0045	111	USA	Radio Thailand	English	Exotic Eating	2701	MF
5910.0	0450	454	UKR	Radio Ukraine Intl.,	English	Close Up	2412	RL
5910.5	0346	211	CLM	La Voz de tu Conciencia	Spanish	Talks,Latin music	0402	RAD
5960.0	2334	434	TUR	Voice of Turkey	English	Letterbox program	2212	RL

5995.0	1604	555	AUS	Radio Australia	English	Hind Sight	2901	RL
5995.0	0300	232	B	Radio Guaiba	Portugese	ID,Jingles	3101	MF
6000.0	0240	222	CUB	Radio Cuba	Spanish	ID Hit music	3101	MF
6005.0	0300	333	G	Wales Radio Intl.,	English	Celtic Notes	1501	RL
6010.0	0343	535	CAN	Radio Sweden	English	Nordic Life	2801	RL
6030.0	2107	454	CAN	CKMX,Calgary	English	Music	2712	RL
6045.0	2151	433	D	Radio 555 via Juleich	Dutch	Talk,ID and pop music program	0601	RAD
6055.0	2038	322	RRW	Radio Rwanda	French	Talks and pop vocals	1812	RAD
6060.0	0345	221	ARG	Radio Nacional Argentina	Spanish	News	3101	MF
6090.0	1150	433	CHN	CPBS,Geermu	Chinese	English lyric love songs	1302	RAD
6134.8	1005	211	BOL	Radio Santa Cruz	Aymara	Talk,Flute music	2612	RAD
6135.0	0417	555	USA	BBC World Service	English	Master Piece Rebel Clown Army	1501	RL
6139.8	0415	444	CLM	Radio Lider	Spanish	ID,Musical selections	1302	RAD
6145.0	0021	555	CAN	Radio Japan,NHK	English	New Years Specila	0201	RL
6155.1	1035	222	BOL	Radio Fides	Spanish	Talks and music segments	3101	RAD
6165.0	0530	322	TCD	RTV Chadienne,N'djamena	French	Highlife vocals	0601	RAD
6175.0	0320	232	CTR	Faro del Caribe	Spanish	ID,Hit music	3101	MF
6175.0	0230	555	USA	Voice of Vietnam	English	Talk of the week and Vietnam economy	2801	RL
6180.0	2329	535	THA	VOA Special English	English	VOA Special English Dialogue	1401	RL
6190.0	0342	322	AFS	BBC via Meyerton	English	Program	0601	RAD
6870.0	0410	454	USA	WRMI	English	DX Party Line	0201	RL
7105.0	0040	222	UAE	Bible Voice	English	This is wonderful for Christmas	2701	MF
7125.0	2053	333	GUI	RTV Conakry	French	Highlife vocals	3001	RAD
7185.0	1229	433	BGD	Radio Bangladesh	English	ID,News & Commentary	3101	RAD
7225.0	1625	535	D	DWR,Bonn	English	News & Newslink	2112	RL
7230.0	0117	454	SVK	Radio Slovakia Intl.,	English	Mailbag	1001	RL
7230.0	0121	454	SVK	Radio Slovakia Intl.,	English	Slovakia Today	2801	RL
7250.0	2119	434	CVA	Vatican Radio	English	World Economic Forum	3101	RL
7255.0	2055	454	NIG	Voice of Nigeria	English	African News	3101	RL
7285.0	2133	454	CHN	China Radio Intl.,	English	Life in China	1001	RL
7325.0	0146	444	LTU	Radio Vilinius	English	Children below poverty	2901	RL
7325.0	0055	555	AUT	ORF	English	Snowfall record	2801	RL
7345.0	0110	535	CHN	CRI	English	News & Report	2801	RL
7355.0	1701	555	ALS	KNLS,Alaska	Russian	Sign on followed by music	2501	RL
7390.0	0303	454	AFS	Channel Africa	English	Newscast	1501	RL
7400.0	0300	443	BUL	Radio Bulgaria	English	Radio Bulgaria Calling	1501	RL
7415.0	1656	434	RUS	Voice of Russia	English	Our Homeland	2501	RL
7415.0	2329	433	USA	WBCQ	English	Best of Counter spin	3001	RL
7500.0	2256	555	BUL	Radio Bulgaria	English	Time out for music	2212	RL
9320.0	2301	454	USA	WINB	English	Religion	2901	RL
9390.0	2014	333	ISR	KOL,Israel	English	Weekend Report	1812	RAD
9500.0	0612	555	BUL	Radio Bulgaria	German	News,Weather Report	0701	RL
9535.0	1757	545	J	Radio Japan NHK	English	Japanese Walks of Life	0101	RL
9545.0	0413	322	RRW	Radio Deutsche Welle via Kigali	English	Money Talks	0601	RAD
9570.0	0029	555	CUB	CRI	English	News & Report Life in China	0701	RL
9580.0	1754	535	AUS	Radio Australia	English	Talking Point Stress	1101	RL
9590.0	0522	555	NLA	Radio Vlaanderen Intl.,	English	Traditional Religion	3112	RL
9645.0	1335	212	THA	VOA via Udorn Thani	English	Wes Montgomery music & ID	1812	RAD
9680.0	1942	222	D	VOA via Juleich	English	Telephone call in program	2612	RAD
9690.0	1343	211	IND	AIR,Bangalore	English	Commentary nuclear weapons	1812	RAD

9700.0	0055	555	BUL	Radio Bulgaria	English	Concert of Music Christmas	2412	RL
9715.0	1347	211	UZB	Radio Tashkent	Urdu	English ID followed by program	1812	RAD
9740.0	1106	333	SNG	BBC World Service	English	Program on Tsunami aftermath	3012	RASD
9745.0	0030	221	CRI	ATN	Spanish	Satellit link of CRI	2701	MF
9770.0	2126	555	CAN	RCI	English	Canada Today & Maple Leaf Mailbag	1101	RL
9785.0	0243	555	EQA	HCJB	German	Bible Reading	2901	RL
9840.0	1913	534	USA	Radio Thailand	English	National News	2712	RL
9845.0	0048	555	NLA	Radio Nederlands	English	Dutch Horizons	2101	RL
9870.0	1559	555	NZL	Radio New Zealand	English	Sports from abroad	2512	RL
9875.0	0000	555	LTU	Radio Vilinius	Lithuanian	Program	1501	RL
11690.0	1700	454	JOR	Radio Jordan	English	ID,News Bulletin	1401	RL
11690.0	2157	433	RRW	Deutsche Welle via Kigali	German	ID,Program	2612	RAD
11715.0	0644	454	J	Radio Japan,NHK	English	Pop joins the World	0101	RL
11730.0	2159	555	NLA	Radio Vlaanderen Intl.,	English	Flanders Today	0301	RL
11740.0	2231	555	USA	WYFR	English	Wisdom and the Miller kids	2901	RL
11865.0	1956	454	RRW	Duetsche Welle via Kigali	English	Africa this week	0801	RL
11880.0	1954	453	AUS	Radio Australia	English	Pacific Beat	2601	RL
12160.0	2029	454	USA	WWCR	English	World of Radio#1260	2612	RL
13760.0	0102	454	KRE	Voice of Korea	English	News	2501	RL
13765.0	1730	454	CVA	Vatican Radio	English	Africa Service Today	1401	RL
15105.0	1658	454	USA	WHRI	English	Dxing with Cumbre	2612	RL
15140.0	1857	433	CAN	RCI	English	Maple Leaf Mailbag	2501	RL
15180.0	2156	454	CAN	RCI	English	CBC Radio One Part 4	0601	RL
15285.0	1754	554	AFS	Channel Africa	English	AIDS Hospital Choir from Durban	2112	RL
15570.0	1730	454	CVA	Vatican Radio	English	Africa Service Today	1401	RL
15595.0	1715	434	CVA	Vatican Radio	English	World News	1401	RL
15665.0	2056	555	USA	WHRI	English	Dxing with Cumbre # 435	2512	RL
17510.0	2144	555	USA	WYFR	English	Mailbag	0101	RL
17535.0	2144	555	USA	WYFR	English	Mailbag	0101	RL
17710.0	1512	433	G	Radio Solh	Dari	Talks & Regional music	2612	RAD

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### **Thanks a lot to our club members for your contributions:**

MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW 7600G with SONY LP1 antenna.

RAD : Rich D'Angelo, Wyomissing, Pennsylvania, USA. Ten-Tec RX-340 & Drake R-8B with 500/200 feet long wire, Datong FL3.

RL : Richard Lemke, St. Albert, Alberta, Canada. JRC NRD-535 HF & Grundig YB 550 PE with random long wire antennas.

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Dear Friends,

Welcome to the February issue of 2005. We have a short Logbook in a short month.

Thanks to our members for sending their loggings.

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

*Ashok Kumar Bose*

# QSL CORNER

Editor: Richard Lemke, 60 Butterfield Crescent, St. Albert, Alberta, T8N 2W7, CANADA

Country	Station	QSL	Time	ORG	Remarks	OM
Alaska	KNLS	f/d C	32 ds	11765	pennant, sticker	PBO
Albania	TWR via Albania	f/d C	66 ds	1395	schedule	PBO
Albania	Trans World Radio	f/d C	115 ds	11865	v/s Beth Chick	RAD
Argentina	LRA 1 R. Nacional via RAE	f/d C	150 ds	15345	letter, sticker, stamps, pennant	PBO
Ascension	Radio Japan/NHK World	f/d C	13 ds	11.855	calendar, schedule	PBO
Austria	JWSC via AWR Moosbrunn	f/d C	63 ds	15130	sticker, info, IRC	PBO
Austria	AWR via Moosbrunn	f/d C	16 ds	6130	info, schedule	PBO
Austria	AWR via Moosbrunn	f/d C	204-218	9.660	info, schedule	PBO
Austria	AWR via Moosbrunn	f/d C	65 ds	15130	via Wavescan contest	PBO
Bosnia & Herzegovina	R. Srbija I Crna Gora	f/d C	36 ds	9.620	schedule, sticker	PBO
Brazil	Radio Difusora de Macapa	n/d L	408 ds	4915	n/d letter German	KPH
Canada	NHK R. Japan via Sackv	f/d C	24 ds	6145	info, schedule	PBO
China	CRI	f/d C	60 ds	17.720	RR ex INS	PBO
China	CRI	f/d C	24-31 ds	7170	information	PBO
China	CRI	f/d C	57 ds	11.715	information	PBO
Clandestine	Minivan Radio via julich	f/d L	66 ds	13855	letter from Monica Michie	RAD
Cuba	Radio Havana Cuba	f/d C	96 ds	9550	schedule, Questionnaire	PBO
Cyprus	TWR via Cape Greco	f/d C	17 ds	1233	IRC, RR ex INS	PBO
Czech Rep.	Radio Prague	f/d C	9 ds	6055	schedule	PBO
Czech Rep.	Radio Prague	f/d C	4-6 ds	7345	schedule, calendar, Christmas card.	PBO
Czech Rep.	Radio Prague	f/d C	7 ds	9880	ruler with magnifier	PBO
Ecuador	HCJB World Radio, Pifo	f/d C	19-49 ds	9780	schedule, info	PBO
Ecuador	SWLCS via HCJB W. R	f/d C	53-57 ds	9.780	Sticker, SASE	PBO
Ecuador	HCJB World Radio, Pifo	f/d C	102 ds	9.745	letter, pennant, schedule, IRC	PBO
Ecuador	RMRC via HCJB W. R	f/d C	20 ds	9780	SASE	PBO
Ecuador	HCJB World Radio, Pifo	f/d C	36-43 ds	9.765	schedule	PBO
Ecuador	AGDX via HCJB World R	f/d C	129 ds	9780	return postage	PBO
French Guiana	NHK R Japan via Mont.	f/d C	17 ds	9530	schedule, info, Calendar	PBO
French Guiana	SRI via Montsinery	f/d C	62 ds	15.220	sticker, info.	PBO
French Guiana	SRI via Montsinery	f/d C	20 ds	11.905		PBO
Germany	HCJB World R via Wertacht	f/d C	100 ds	6015	information	PBO
Germany	HCJB World R via Wertacht	f/d C	27-64 ds	6015	schedule, letter	PBO
Germany	AWR via Moosbrunn	f/d C	65 ds	11775	via Wavescan contest	PBO
Germany	HCJB World R via Julich	f/d C	36 ds	3.955	schedule	PBO

Germany	Mis W Heukelbach, HCJB	f/d C	23 ds	6015	schedule, letter	PBO
Germany	AWR via Julich	f/d C	65 ds	15175	via Wavescan contest	PBO
Germany	R. Cimarrona via Julich	e-mail	14 ds	9480	from Walter Brodowsky	RAD
Great Britain	RTI via Skelton	f/d C	19 ds	6170		PBO
Great Britain	RTI via Skelton	f/d C	16-24 ds	6185		PBO
Great Britain	WYFR via Skelton	f/d C	30 ds	3.955	IRC.	PBO
Great Britain	RKI via Skelton	f/d C	26-52 ds	3.955		PBO
Great Britain	NHK R Japan via Skelton	f/d C	27 ds	9.660	sticker	PBO
Great Britain	NHK R. Japan via Skelton	f/d C	30 ds	6.025	schedule, RR-form, info	PBO
Great Britain	NHK R Japan via Skelton	f/d C	28-38 ds	11710	sticker, calendar	PBO
Guam	AWR via KSDA Agat	f/d C	24-65 ds	11975	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	65 ds	11560	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	65 ds	11.850	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	24-65 ds	11895	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	24-65 ds	15575	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	24-65 ds	11980	for KSDA 5 via Wavescan Contest.	PBO
Guam	AWR via KSDA Agat	f/d C	65 ds	12120	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	65 ds	15215	via Wavescan contest	PBO
Guam	AWR via KSDA Agat	f/d C	65 ds	15235	for KSDA 5 via Wavescan Contest.	PBO
Guam	JSWC via AWR/KSDA 5	f/d C	63 ds	15235	sticker, info, IRC	PBO
Guatemala	TGNA Radio Cultural	f/d C	60 ds	5.955	letter, info, pennant	PBO
Japan	Radio Nikkei	f/d C	17 ds	9595	2 IRC, RR ex INS	PBO
Japan	RKB Mainichi BC, Fukuoka	f/d C	25 ds	1278	sticker, info 2 IRC, RR ex INS	PBO
Japan	Radio Japan/NHK World	f/d C	24 ds	7200	info, schedule, calendar, RR es INS	PBO
Kuwait	Voice of America	f/d C	82 ds	11935		RAD
Latvia	Radio Marabu via Ulbroka	f/d C	134 ds	9290	sticker, info	PBO
Latvia	Stor-Sender via Ulbroka	f/d C	5 ds	9290	SASE	PBO
Latvia	Krebs TV	f/d C	27 ds	9290		PBO
Lithuania	Radio Baltic Waves/ CRI	Letter	1 ds	1386	Letter via e-mail, RR via e-mail	PBO
Luxembourg	RTL Radio	f/d C	273 ds	1440	PPC. IRC, v/s Raimos Kreicbergs.	PBO
Luxembourg	AWR via Astra 19 Grad	f/d C	65 ds	11.612	via Wavescan contest	PBO
Moldova	WYFR via Grigoriopol	f/d C	31 ds	7350	info, IRC	PBO
Monaco	Trans World Radio	f/d C	115 ds	11865	v/s Beth Chick	RAD
Neth. Antilles	DW via Bonaire	f/d C	23 ds	6.100		PBO
Neth. Antilles	AWR via Bonaire	f/d C	65 ds	6165	via Wavescan contest	PBO
North Korea	Voice of Korea	f/d C	32 ds	9325	RR-Form, RR ex INS, newspaper	PBO
Philippines	DXOC Radio Inc.	f/d C	689 ds	1494	PPC, IRC, RR ex INS	PBO

Phillippines	Far East Broadcasting Com	Letter		15435	from Dan Andrew S. Cura	RAD
Russia	WYFR via Samara	f/d C	18-19 ds	7370	info, IRC	PBO
Russia	R. Prague via Krasnodar	f/d C	6-19 ds	11810	Postcard, schedule	PBO
Russia	Missionswerk Heukelbach	f/d L	32 ds	7440	Letter	PBO
Russia	RVI via Krasnodar	f/d C	12 ds	7490		PBO
Russia	Missionswerk Heukelbach	f/d C	29 ds	6145	letter, add AFU-QSL, Schedule.	PBO
Russia	R. Prague via Krasnodar	f/d C	6 ds	5840	schedule, magnetic pin	PBO
Singapore	R. Australia via Kranji	f/d C	67 ds	9720	schedule	PBO
South Korea	Radio Korea International	f/d C	38 ds	15210	RR-Form, RR ex INS	PBO
South Africa	JWSC via AWR Meyerton	f/d C	65 ds	12130	Special 50th JSWC Wavescan	PBO
Sweden	RCI via Hoerby	f/d C	36 ds	5850	schedule	PBO
Taiwan	Radio Taiwan Int.	f/d C	19-26 ds	9565		PBO
Taiwan	WYFR via Fang Liau	f/d C	23 ds	1359	info, sticker, IRC, RR ex INS	PBO
Turkey	Voice of Turkey	f/d C	16-36 ds	13760		PBO
Turkey	Voice of Turkey	f/d C	18 ds	13640		PBO
Turkey	Voice of Turkey	f/d C	12-19 ds	17700	with indication of transmitter site.	PBO
UAE	AWR via Abu Dhabi	f/d C	65 ds	15520	via Wavescan contest	PBO
UAE	AWR via Abu Dhabi	f/d C	65 ds	15320	via Wavescan contest	PBO
USA	HCJB DXPL via WWCR	f/d C	68 ds	15825	sticker, IRC	PBO
USA	RTI via WYFR	f/d C	20 ds	7520		PBO
USA	RTI via WYFR	f/d C	13-19 ds	5810	postcard	PBO
USA	KTBN	f/d C	56 ds	7505		PBO
USA	WWCR	f/d C	94 ds	15825	schedule, 2 IRC	PBO
USA	AWR via Afristar	f/d C	65 ds		by JSWC, info, NHK Postcard	PBO
USA	AWR via Afristar	f/d C	65 ds		1478.224 Mhz via Wavescan Contest.	PBO
USA	RTI via WYFR	f/d C	25 ds	11565		PBO
USA	WYFR	f/d C	30 ds	7355	IRC	PBO
Vatican	Radio Vaticana	f/d C	32 ds	1611	schedule, RR ex INS	PBO
Venezuela	Radio Amazonas	f/d C	48 ds	4940	letter in Spanish report v/s Angel M. Perez Director.	RAD

### **Thanks to our Reporters:**

RAD = Richard A. D' Angelo, Wyomissing, PA, USA. Drake R-8B, Lowe HF-150, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4.

PBO = Peter Boeck, Germany. AOR AR 7030 30 m loop with Balun Multiband Dipole Grahn GS2-SE with ML-1-S  
Peter Boeck, Indonesia. AOR AR 7030 20 m longwire with Balun.

KPH = Klaus-Peter Hilger, Germany.

Im Januar 2005 erschien die 6. Auflage des Buches "**Antennen-Ratgeber**" von Gerd Klawitter.

Dieses ungemein nützliche Buch bietet handfeste, praxisgerechte Informationen, wertvolle Ratschläge und Anleitungen für jeden, der den Radio- und Funkempfang durch Einsatz einer vernünftigen Antenne verbessern will.

Aus dem Inhalt: Grundlagen und wichtige Begriffe, Dipolantenne ■ Multiband-Dipole Inverted-V-Antenne ■ Langdrahtantennen ■ Allbandantennen ■ V-Antenne ■ Rhombus-Antenne ■ Beverage-Antenne ■ Vertikalantennen ■ Groundplane ■ T-Antenne ■ Antennenbausätze ■ Behelfsantennen: Oft erstaunliche Ergebnisse! ■ Aktivantennen (mit ausführlichen Vorstellungen und Beurteilungen) ■ Welche Aktivantenne ist die Richtige? ■ Rahmenantennen für Mittelwelle ■ Die richtige Anpassung: Antennen-Anpaßgeräte ■ Antennenleitungen ■ Anschluß an den Empfänger ■ Rechtliche Probleme ■ VDE-Vorschriften ■ Standort Blitzschutz ■ Erdung ■ Richtwirkung ■ Richtdiagramm ■ Azimutal-Weltkarte ■ Viele praktische Tipps zur Antennen-Installation ■ Entscheidungshilfen: Welche Antenne wählen Sie? ■ Antennen-Empfehlungen für den schnellen Leser ■ Bezugsquellen.

Jetzt neu in der 6. Auflage: Die aktuellen Aktiv-Antennen ■ viele praxiserprobte Bauanleitungen für den Selbstbau von Antennen, Aktivantennen und Zusatzgeräten ■ Antennen für UKW-Empfang.

(192 Seiten, Format DIN A 5, 112 Abbildungen, Best.-Nr. 413 0013, ISBN: 3-88180-613-X, kartoniert, Preis € 13,90)



Ebenfalls im Januar erschien der neue Titel "**Satelliten-Empfang auf Reisen**" von Thomas Riegler. Leicht verständlich werden Grundlagen erläutert, Unterschiede zwischen Analog- und Digitaltechnik besprochen, die Programmsituation beleuchtet und zahlreiche Tipps zum störungsfreien Empfang werden gegeben.

Im Mittelpunkt steht die Empfangspraxis. Welches Gerät benötigt man wofür? Wie wird es genau angeschlossen? Welche Zusatzteile sind eventuell erforderlich? Auf diese und andere Fragen erhält man kompetente Antworten. An konkreten Beispielen wird zudem die Bedienung manueller und vollautomatischer Anlagen erläutert.

Besonders Campingfreunde die ihre Wohnmobile und Caravans mit einer Satelliten-Anlage ausstatten möchten, sind angesprochen. Aber auch alle die bereits über eine Campinganlage verfügen, erhalten wertvolle Hinweise. Auch auf das neue ÜberallFernsehen DVB-T wird ein Blick geworfen.

Der Autor beschäftigt sich schon seit langer Zeit mit dem Satelliten-Empfang auf Reisen und hat hier seine vielfältigen Erfahrungen so einfließen lassen, dass ein leicht verständlicher Leitfaden entstanden ist.

Aus dem Inhalt: Vorteile des Camping-TV-Empfangs ■ Der Satellit – Brücke zur Heimat ■ Welche Programme kann man wo empfangen? ■ Digitalempfang in Europa ■ Worauf es bei der Antennenmontage ankommt ■ Verkabeln der Anlage ■ Welcher Receiver? ■ Programmieren – gar nicht schwer ■ Bildoptimierung bei schwachen Signalen ■ Der richtige Standort ■ Elevation und Footprints ■ Bedienung manueller Satelliten-Anlagen ■ Empfangspraxis mit vollautomatischen Anlagen ■ DVB-T: Wo kann man es nutzen?

(48 Seiten, Format 16,5 x 23 cm, 143 Abbildungen, Best.-Nr. 411 0108, ISBN: 3-88180-808-6, Broschur, Preis € 4,80)

Im Dezember 2004 erschien der neue Titel "**Amateurfunklehrgang für das Amateurfunkzeugnis Klasse 1 und 2**" von Eckart K. W. Moltrecht. Dieser Lehrgang basiert auf dem Prüfungsfragenkatalog der Regulierungsbehörde für (RegTP). Alle darin vorkommenden Themen aus den Bereichen Mathematische Grundlagen, Elektrotechnik, Elektronik sowie Sender- und Empfängertechnik, Übertragungstechnik, Antennentechnik und Messtechnik aus dem Bereich "Technische Kenntnisse" werden ausführlich erläutert. Es werden die Kenntnisse aus dem Amateurfunklehrgang für das Amateurfunkzeugnis Klasse 3 vorausgesetzt. Als zusätzliche Unterlage wird nur noch der aktuelle Fragenkatalog der RegTP benötigt. Für das Erlernen der Morsezeichen für das Amateurfunkzeugnis Klasse 1 ist ein Morselehrgang enthalten.

Die gesamte Buchreihe ist so aufgebaut, dass ein didaktisch sinnvoller Lehrgang entsteht und dabei konkret auf die vorkommenden Prüfungsfragen aus dem Fragenkatalog der RegTP eingegangen wird. Es werden die schwierigen Prüfungsaufgaben ausführlich vorgerechnet und die Fragen beantwortet. Der Lehrgang ist gleichermaßen für die Begleitung von Amateurfunkkursen als auch für das Selbststudium geeignet.

(312 Seiten, Format 16,5 x 23 cm, 472 Abbildungen, Best.Nr. 411 0089, ISBN: 3-88180-389-0, Broschur, kartoniert, Preis: € 17,80)



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