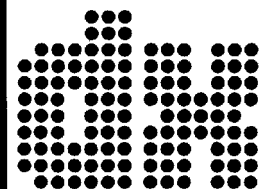


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WORLD WIDE DX CLUB



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DX MAGAZINE No. 1



Vol. XLI



January 2006

Hello again,



Welcome to the first issue of our DX MAGAZINE in this new year 2006. Let me take this opportunity to wish you a very happy, healthy and successful year. Additionally, let me thank all of you who have paid their membership/subscription fees for the year 2006 recently and especially those who have added a donation for the club to their payment. The same applies to all those who have ordered their copy of WORLD RADIO TV HANDBOOK 2006 from us. All orders for WRTH 2006 received until December 16th have been mailed between December 14th and 16th and should have arrived until Christmas.

OM Mathias Kropf, Bad Hersfeld, Germany (E-Mail <100144.232@compuserve.com>), has recently sent us the results of his **2005 Clandestine Activity Survey**: In 2005 the activity of political clandestine stations broadcasting on shortwave has decreased by almost 3 % to 1195 WBHs (Weekly Broadcasting Hours). This is the lowest level of activity since 1999.

The activity of clandestine stations with target areas on the Asian continent has decreased by almost 9 % to 841 WBHs. Activity on the African continent, however, has increased by 51 % to now 192 WBHs. Very little has changed on the American continent where activity is now at 162 WBHs. The three most active target areas worldwide are Iraq with 225 WBHs (-107 when compared with one year ago), Afghanistan with 190 WBHs (+25) and North Korea with 168 WBHs (unchanged).

The number of different target areas active worldwide has increased by one to 25. It should be noted that all four new (or reactivated) target areas are on the African continent (Senegal, Somalia, Gambia and Cameroon). On the other hand, Lebanon, Colombia and Papua New Guinea are no longer thought to be active.

Ling-yi Hsu of **Radio Taiwan International** has informed us that RTI has published 12 new colourful QSL cards - each one has its own interesting story about Taiwan's culture, custom and traditional ceremonies. "We choose one special traditional activity in Taiwan every month, and each card represents for each individual month. It means we will send a QSL card separately to our listeners monthly. For example, if a listener sends us a reception report in January, he or she will receive the «Heavenly Lanters» QSL card from RTI. If a listener sends any reports in any other months, he or she will receive the QSL card, which belongs to its own month. May you have a prosperous Chinese Dog year."

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: Continental Electronics Corporation today announced that it is ahead of schedule in delivering 132 ultra-low-noise transmitters to US government contractor BAE Systems for use in the *High-Frequency Active Auroral Research Program* (HAARP) near Gakona, Alaska. When the massive planar array for ionospheric research is completed in 2007, it will include a total of 180 Continental Electronics Corporation D616G 10 kW combined transmitters, which the company is upgrading specifically for HAARP. HAARP first installed Continental Electronics transmitters in 1993 when the project began. The US government is constructing the HAARP facility to conduct upper-atmospheric and solar-terrestrial research via a phased array transmitter, with an aim of learning more about the ionosphere - an upper section of the Earth's atmosphere ionized by solar radiation with natural electrical currents that can be modulated with powerful radio signals. Much of the ionosphere's scientific potential lies in satellite communications, which depends on signals passing through it. BAE Systems today leads the installation at HAARP, which began in 1993 with 18 transmitters, grew to 48 in 1998, and is currently being expanded to a total of 180 transmitters - all built by Continental Electronics with some components from BAE and other suppliers. The final expansion will bring the HAARP array to full power, with its effective radiated power (ERP) increasing from 84 dBW to about 96 dBW. It will have greater transmitter modulation capability, variable frequency range, and beam steering than any other high-frequency transmitting system in the world. Continental Electronics is under contract to supply six transmitters per month. The transmitters for HAARP needed to have extremely low noise characteristics to maximize the ability to manipulate the ionosphere. They also must be tough enough to perform reliably in the challenging Alaskan environment. (RNMN Weblog November 15, 2005 posted by AS; via JKB)

ARMENIA: The *Voice of Armenia* B05 current external schedule.

0300-0330 Armenian daily 9965	1745-1815 Arabic daily 4810
0330-0345 Spanish daily 9965	1815-1845 Armenian Mon-Sat 4810, 9965
0430-0459 Farsi daily 864, 4810	1845-1905 French Mon-Sat 4810, 9965
1305-1315 Georgian daily 864, 4810	1905-1925 German Mon-Sat 4810, 9965
1315-1345 Yezidish daily 864, 4810	1925-1945 English Mon-Sat 4810, 9965
1345-1400 Azeri Sat-Sun 864, 4810	Via satellite "HOT BIRD" 13(B/12.111GHz)
1345-1415 Azeri Mon-Fri 864, 4810	1230-1240 French daily
1400-1430 Turkish Sat-Sun 864, 4810	1240-1250 German daily
1415-1430 Turkish Mon-Fri 864, 4810	1250-1300 English daily
1430-1500 Kurdish daily 864, 4810	

(Kunitoshi Hishikawa, BC-DX #737, 2005 Nov 30)

AUSTRALIA: B05 schedule of *Radio Australia - RA* transmissions. Postal address: Radio Australia, GPO Box 428G, Melbourne, VIC 3001, Australia or ABC SOUTHBANK CENTRE, SOUTHBANK BOULEVARD, SOUTHBANK 3006, VICTORIA, AUSTRALIA. Email: <english@ra.abc.net.au> or <radio.australia@abc.net.au>. Web: <http://www.abc.net.au/ra>. Sorted by: 1) tx site, 2) target area, 3) frequency, 4) daily or not, 5) time starting with local Australian morning, 6) language.

UTC	lang	site	kW	target	days	kHz	2330-0000 Vietnamese	DRW 250 SEA	daily 11820
2000-2200	English	BRN	10	Pac	daily	11660	0530-0600 Vietnamese	DRW 250 SEA	daily 17855
2300-0900	English	BRN	10	Pac	daily	12080	0400-0430 INSn	DHA 250 As	daily 21780
2000-2200	English	BRN	10	Pac	daily	12080	1400-1800 English	SHP 100 As	daily 6080
2200-2300	BBC WS	BRN	10	Pac	daily	12080	1300-1430 Chinese	SHP 100 As	daily 9475
0800-0900	English	BRN	10	PNG	daily	5995	1100-1300 English	SHP 100 As	daily 9475
1100-1400	English	BRN	10	PNG	daily	5995	1300-1430 Chinese	SHP 100 As	daily 11660
2100-2200	English	BRN	10	PNG	daily	9660	1430-1700 English	SHP 100 As	daily 11660
2200-2300	BBC WS	BRN	10	PNG	daily	9660	2130-2330 INSn	SHP 100 As	daily 11695
2300-0800	English	BRN	10	PNG	daily	9660	0900-1300 English	SHP 100 As	daily 11880
0000-0030	INSn	DRW	250	As	daily	9630	0030-0400 English	SHP 100 As	daily 15415
2130-2330	INSn	DRW	250	As	daily	9630	0430-0500 English	SHP 100 As	daily 15415
0800-0830	INSn	DRW	250	As	mtwtf	11550	0530-0800 English	SHP 100 As	daily 15415
0400-0430	INSn	DRW	250	As	daily	17855	0830-0900 English	SHP 100 As	daily 15415
2200-0000	English	DRW	250	As,Eu	daily	12010	0930-1100 English	SHP 100 As	daily 15415
0000-0130	English	DRW	250	As,Eu	daily	17775	2330-0000 English	SHP 100 As	daily 15415
1400-1600	English	DRW	250	SAs	daily	11750	0000-0030 INSn	SHP 100 As	daily 15415

0400-0430	INSn	SHP 100 As	daily	15415	1400-1800	English	SHP 100 PNG,Pac	daily	5995
0500-0530	INSn	SHP 100 As	daily	15415	0900-1100	Tok Pisin	SHP 100 PNG,Pac	daily	5995
0900-0930	INSn	SHP 100 As	daily	15415	1100-1400	English	SHP 100 PNG,Pac	daily	6020
2130-2330	INSn	SHP 100 As	daily	15415	0900-1100	Tok Pisin	SHP 100 PNG,Pac	daily	6020
2330-0900	English	SHP 100 As	daily	17750	2000-2100	Tok Pisin	SHP 100 PNG,Pac	mtwtf	6080
0500-0530	INSn	SHP 100 As	daily	17855	1800-2000	English	SHP 100 PNG,Pac	daily	7240
1430-1900	English	SHP 100 As, Eu	daily	9475	2100-2200	English	SHP 100 PNG,Pac	daily	7240
1900-2130	English	SHP 100 As, Eu	daily	9500	2000-2100	Tok Pisin	SHP 100 PNG,Pac	mtwtf	7240
2200-0000	English	SHP 100 As, Eu	daily	15230	1600-2000	English	SHP 100 PNG,Pac	daily	9710
2100-2130	English	SHP 100 As, PNG	daily	11695	0900-1100	Tok Pisin	SHP 100 PNG,Pac	daily	9710
1400-1700	English	SHP 100 Pac	daily	7240	2000-2200	English	SHP 100 PNG,Pac	daily	11650
1700-2000	English	SHP 100 Pac	daily	9580	0900-1100	Tok Pisin	SHP 100 PNG,Pac	daily	12080
2100-2300	English	SHP 100 Pac	daily	13630	0000-0800	English	SHP 100 PNG,Pac	daily	15240
2200-0200	English	SHP 100 Pac	daily	17795	0800-1600	English	SHP 100 PNG,Pac, NAM	daily	9590
0800-1400	English	SHP 100 Pac, NAM	daily	9580	0000-0030	INSn	SNG 250 As	daily	6120
1700-2100	English	SHP 100 Pac, NAM	daily	11880	1300-1430	Chinese	SNG 100 As	daily	12010
0700-0900	English	SHP 100 Pac, NAM	daily	13630	2300-2330	Khmer	SNG 100 SEA	daily	9730
0500-0800	English	SHP 100 Pac, NAM	daily	15160	0530-0600	Vietnamese	SNG 250 SEA	daily	15280
0200-0700	English	SHP 100 Pac, NAM	daily	15515	0500-0530	Khmer	SNG 250 SEA	daily	15445
0000-0200	English	SHP 100 Pac, NAM	daily	17715	0900-0930	INSn	TAI 250 As	mtwtf	11550
2200-0000	English	SHP 100 Pac, NAM	daily	17785	2130-2330	INSn	TAI 250 As	daily	11550
2100-2300	English	SHP 100 Pac, PNG	daily	15515	0500-0530	INSn	TAI 250 As	daily	11745
1800-2000	English	SHP 100 PNG	daily	6080	0800-1130	English	TAI 250 As	daily	15240
1100-1400	English	SHP 100 PNG, As	daily	9560	2200-2330	English	TAI 250 As	daily	15240
2300-0700	English	SHP 100 PNG, As	daily	13670	0800-0830	INSn	TAI 250 As	daily	15415
0700-0900	English	SHP 100 PNG, J	daily	9710	2330-0000	Vietnamese	TAI 250 SEA	daily	15110
0200-0500	English	SHP 100 PNG, J	daily	21725					

BRN = Brandon, Qsld; Darwin, NT; DHA = Dhabbaya, UAE; SHP = Shepparton, Vic.; SNG = Kranji, Singapore; TAI = Taiwan.

(via Nigel Holmes - RA, via Sean Gilbert, WRTH; DXLD 2005 Nov 3)

Voice International (P.O.Box 1104, Buderim 4556, QLD, Australia. E-mail: voice@voice.com.au, Web: <http://www.voice.com.au>) B05 schedule from Darwin (=DRW):

Chinese to China	English to Indonesia
2200-2300 on 9865 DRW 250 kW / 340 deg	0600-0900 on 15335 DRW 250 kW / 303 deg
2300-0200 on 15500 DRW 250 kW / 340 deg	1100-1800 on 13635 DRW 250 kW / 303 deg
0400-0600 on 15250 DRW 250 kW / 340 deg	Indonesian to Indonesia
0600-1200 on 17635 DRW 250 kW / 340 deg	2300-0200 on 15250 DRW 250 kW / 290 deg
1200-1500 on 13685 DRW 250 kW / 340 deg	0400-1000 on 17820 DRW 250 kW / 290 deg
1500-1800 on 13695 DRW 250 kW / 340 deg	1000-1300 on 15365 DRW 250 kW / 290 deg
English to South East Asia	1300-1700 on 7245 DRW 250 kW / 290 deg
0900-1100 on 11955 DRW 250 kW / 316 deg	

(OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)

AUSTRIA: Winter B05 for **CVC International** via Moosbrunn:

English to West Europe

1000-1100 on 9760* 050 kW / 295 deg *DRM mode

(OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)

BELGIUM: A 300 meter high transmission mast in Flemish Brabant belonging to Belgian public broadcaster VRT has been declared illegal after the Council of State nullified the planning permission for a second time. The mast is located in Sint-Pieters-Leeuw, within an area that was designated as valuable for agriculture. The Flemish government changed its designation to an area for community services, but this change of use was overturned by the Council of State in 2002, and again this week. The mast is used for six public radio services as well as commercial broadcaster Q-Music, and for the two national TV channels. It's not yet clear what will happen to the mast. (RNMN Weblog November 16, 2005 posted by AS, Source: De Standaard via radio.nl; via JKB)

BHUTAN: **Bhutan Broadcasting Service** is planning major upgrades, with the construction of a 1,600 square meter television center, a 100 kW shortwave transmitter, and an uplink to an Indian satellite. This will enable the TV service to go nationwide from February 2006. The projects are being paid for by the Indian government. (RNMN Weblog December 15, 2005 posted by AS; via JKB)

CHILE: **Voz Cristiana** schedule B05 from Santiago (=SGO).

Portuguese to Mexico and Central America	0100-0600 on 11655 SGO 100 kW / non-dir
0000-0400 on 11745 SGO 100 kW / 060 deg	0600-1200 on 9780 SGO 100 kW / non-dir
0400-1100 on 11890 SGO 100 kW / 060 deg	1200-0100 on 17680 SGO 100 kW / non-dir
1100-2400 on 15485 SGO 100 kW / 060 deg	Spanish to Southern South America
Spanish to Central America	0000-1200 on 6070 SGO 100 kW / 030 deg
0100-0400 on 15585 SGO 100 kW / 340 deg	1200-2400 on 9635 SGO 100 kW / 030 deg
Spanish to Northern South America	

(OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)
 Transmitter is located at coordinates 33.64S, 70.85W. Postal address is Voz Cristiana, P.O.Box 2889, Miami, FL 33144, U.S.A. (JKB)

CLANDESTINE: In 2005 the activity of political clandestine stations broadcasting on shortwave has decreased by almost 3 % to 1195 WBHs (Weekly Broadcasting Hours). This is the lowest level of activity since 1999. The activity of clandestine stations with target areas on the Asian continent has decreased by almost 9 % to 841 WBHs. Activity on the African continent, however, has increased by 51 % to now 192 WBHs. Very little has changed on the American continent where activity is now at 162 WBHs. The three most active target areas worldwide are Iraq with 225 WBHs (-107 when compared with one year ago), Afghanistan with 190 WBHs (+25) and North Korea with 168 WBHs (unchanged). The number of different target areas active worldwide has increased by one to 25. It should be noted that all four new (or reactivated) target areas are on the African continent (Senegal, Somalia, Gambia and Cameroon). On the other hand, Lebanon, Colombia and Papua New Guinea are no longer thought to be active. (Press-Release via Mathias Kropf; December 27, 2005)

CROATIA: GLAS HRVATSKE (*Voice of Croatia*) is transmitted via Juelich, Germany and mediumwave transmitters in Croatia. However, HRVATSKI RADIO-PRVI PROGRAM (*Croatian Radio-First Program* = HR 1) is broadcasted via shortwave transmitter site DEANOVEC in Croatia:
 0500-2400 UTC DEANOVEC 6165 kHz OND 100 kW, quadrant antenna
 0500-0800 UTC DEANOVEC 7365 kHz OND 10 kW, Marconi discone antenna
 0500-1800 UTC DEANOVEC 9830 kHz OND 100 kW, RIZ vertical monopole antenna
 (Dragan Lekic, via WDXC-HQ; December 15, 2005)

FINLAND: Frequency change for *YLE Radio Finland* in Finnish & Swedish from Dec. 7, 2005: 1500-1600 NF 9660 POR 500 kW / 130 deg, ex 9705
 (OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)

FRANCE: *Radio France Internationale* (RFI) has created two separate programming divisions - an Africa service division and a world service division. RFI has also created a Europe unit, to "co-ordinate the different ways of reporting European news", RFI said. The three new structures will come under RFI's news directorate. The Africa service division will "handle programmes intended for the African continent", while the world service division will "handle programmes intended for the rest of the world, including the Paris FM frequency", according to RFI. The managing editors of these two services "will draw up and implement the programme strategy suitable to their respective target audiences", the broadcaster announced. It is unclear what effect this will have on the broadcaster's output at present, but reflects the importance of Europe and Africa to the broadcaster which is funded both by French TV license fees and by grant from the French government. (AIB via WDXC-HQ; November 09, 2005)

GEORGIA: According to a message from the German section of *Radio Georgia*, the management of Georgia's national public service broadcaster (under its roof the programs are produced) made a final decision to shut down the foreign language departments by the end of November. The transmissions were already suspended since a couple of months. Closure of Radio Georgia Shortwave was on Dec 1st, 2005. (Info distributed on the German-language A-DX mailing list via Bernd Trutenau, via EDXP-FORUM, via WDXC-HQ; December 01, 2005)

R. Khara ("we") [mailing address confirmed as 52 Rustaveli Avenue, Tbilisi - Dave Kenny, Ed.] is back on the air Mon & Thu 1700-1733, repeated Tue & Fri 0500-0533 UT on 4875 kHz, heard on Nov 24, 25, 28, 29th, with talks in Vernac and songs from the 70s sung by Tom Jones, Bob Marley & The Wailors. (Rumen Pankov in BC-DX #739, 2005 Dec 2)

GERMANY: German Telecom - Relay stations transmissions, updated version 09 of B05
 period (1=Sun ... 7=Sat), sorted by broadcaster:

frq	start-stop	ciraf	ant	azi	type	day	from	to	loc	pow	broad
5975	0600-1100	28,39N	211	110	216	1234567	301005	260306	JUL	40	DTK
5975	1100-1500	27,28	401	ND	926	1234567	301005	260306	JUL	100	DTK
5910	1000-1600	27,28	402	ND	976	7	301005	311206	JUL	100	TNT *
7240	0659-0757	27E,28W,37N	204	230	212	1234567	301005	311205	JUL	40	RNW1
5945	0030-0045	41	105	85	216	1	301005	260306	JUL	100	PAB
13820	1430-1445	41	208	90	218	1	301005	260306	JUL	100	PAB
13820	1545-1600	39,40	208	100	218	1	301005	260306	JUL	100	PAB
13820	1600-1630	39,40	208	100	218	15	301005	260306	JUL	100	PAB
7260	2000-2015	37,38	401/01	180	146	1	111205	260306	NAU	250	PAB
7260	1930-2030	37,38	401/01	180	146	7	070106	260306	NAU	250	PAB
13800	1430-1445	41	105/00	90	217	1	301005	260306	WER	250	PAB
5955	2330-0030	41,49	205	70	211	1234567	301005	260306	JUL	100	DVB
6120	2100-2200	37NW	401/00	230	216	1234567	301005	260306	NAU	125	RTI
5850	1700-1759	29	205	60	211	1234567	141105	260306	JUL	100	RTI
11800	1600-1700	41	101	110	216	1234567	081205	310106	NAU	250	RMI
11800	1600-1700	41	111	105	216	1234567	010205	260306	JUL	100	RMI
9405	2000-2030	46	308	210	216	7	301005	260306	JUL	100	RMI
17660	1330-1400	48,39S	304	130	217	6	301005	260306	JUL	100	RWB
9430	0500-0559	46,47	204	180	217	1234567	301005	260306	WER	125	CVC
9430	0600-0659	46,47	311	180	218	1234567	301005	260306	WER	125	CVC
15640	0700-0900	46,47	308	180	217	1234567	301005	260306	WER	125	CVC
15680	1500-1759	46,47	308	180	217	1234567	301005	260306	WER	125	CVC
9765	1800-1959	46,47	305	180	216	1234567	301005	260306	WER	125	CVC
7285	2000-2059	46,47	201	180	216	1234567	301005	260306	WER	125	CVC
[All CVC are English to West Africa and Nigeria, OBSERVER #395 via WB]											
5925	1400-1530	27,28	402	ND	976	1	301005	260306	JUL	100	RTR
6015	1630-1700	28,29	205	70	211	1	301005	260306	JUL	100	BCA
6055	1200-1215	27,28	314	ND	930	1	301005	260306	WER	250	MWA
9490	1630-1700	39,40	110/00	105	217	7	301005	260306	WER	250	FVM
5945	1200-1229	27,28	314	ND	930	7	301005	260306	WER	500	FVM
7295	0900-1544	27	406	290	805	1234567	301005	260306	JUL	40	BCE
7145	1545-1700	27	406	290	805	1234567	301005	260306	JUL	40	BCE
7110	0000-0100	41	117	105	216	1234567	161105	151205	WER	250	WRN *
7115	0000-0100	41	117	105	216	1234567	161205	260306	WER	250	WRN *
3955	1559-1659	27W,28	403	ND	976	1234567	301005	260306	JUL	100	HCJ
17870	1500-1530	47,48	106	145	217	46	301005	260306	JUL	100	AWH
6130	1300-1400	27,28	205	60	211	1	301005	260306	JUL	100	MVB
6055	1000-1059	27,28	104	115	206	1	301005	260306	JUL	100	CHW
9890	1900-1959	28,29	104	85	206	7	301005	260306	JUL	100	CHW
9470	1800-1830	37,46	308	200	216	3	301005	310106	JUL	100	CHW-2
9490	1800-1830	47,52N,48E	302	160	216	5	301005	260106	JUL	100	CHW-2
6055	1130-1159	27,28	314	ND	930	17	301005	260306	WER	125	EMG
11840	1200-1230	19,26	101/00	20	216	7	301005	260306	NAU	250	EMG
6000	1600-1630	29,30	101/01	70	146	7	301005	260306	NAU	250	EMG
11840	1830-1859	52,53	303	160	216	5	301005	260306	JUL	100	RRP
9820	1700-1759	38E,39S,48	311	135	218	13467	151105	260306	WER	125	SBO
9820	1630-1659	38E,39S,48	311	135	218	36	061205	260306	WER	125	RHU
9820	1600-1659	38E,39S,48	209	140	216	1	301005	260306	JUL	100	ÄUV
9620	1900-2000	38E,39S,48	209	140	216	14	161105	260306	JUL	100	EFD
9820	1700-1759	38E,39S,48	311	135	218	5	171105	260305	WER	125	ELF
12015	1500-1559	38E,39S,48	305	130	217	7	301005	260306	JUL	100	ELF-2
7340	2000-2100	37,38	405	175	850	1234567	301005	260306	JUL	100	IBR
9660	1730-1759	39S,47E,48	119/00	135	216	1234567	301005	260306	WER	125	IBR
9610	1900-2045	46N,46SE	304	190	217	1234567	301005	260306	JUL	100	IBR
9520	1730-1845	47,48,52	304	145	217	1234567	301005	260306	JUL	100	IBR
7145	0100-0129	41	105	85	216	1	301005	260306	JUL	100	UNL
6045	1200-1259	27,28	401	ND	926	1	301005	260306	JUL	100	UNL
6045	1230-1259	27,28	401	ND	926	7	301005	260306	JUL	100	UNL
7105	1901-1930	39,40	104	115	206	1	301005	260306	JUL	100	UNL
6110	1500-1559	27,28W	118	295	216	7	031205	260306	JUL	100	TOM
6110	1100-1200	27,28W	118	295	216	1234567	111105	260306	JUL	100	TOM
6110	1300-1500	27,28W	119	295	216	1234567	111105	260306	JUL	100	TOM
9495	1900-2000	52,53E,57	302	160	216	1234567	251105	260306	JUL	100	TOM
9855	1100-1200	28,29SW,38E,39	104/01	120	201	1234567	221105	260305	WER	250	TOM
9855	1300-1500	28,29SW,38E,39	104/01	120	201	1234567	221105	260305	WER	250	TOM
9855	1500-1659	28,29SW,38E,39	104/01	120	201	7	221105	260305	WER	250	TOM
17580	0557-0816	47,48,52,53	303	160	216	23456	301005	260306	JUL	100	RTB

17580	0557-1000	47,48,52,53	303	160	216	17	301005	260306	JUL	100	RTB
21565	1000-1231	47,48,52,53	301	160	216	7	301005	260306	JUL	100	RTB
21565	1000-1301	47,48,52,53	301	160	216	1	301005	260306	JUL	100	RTB
21565	1057-1301	47,48,52,53	301	160	216	23456	301005	260306	JUL	100	RTB
13590	1557-1800	47,48,52,53	306	160	216	2	301005	260306	JUL	100	RTB
13590	1557-1900	47,48,52,53	306	160	216	134567	301005	260306	JUL	100	RTB
5945	0800-0945	27,28N	101/01	275	146	1	191105	260306	NAU	125	BVB
5945	0800-0915	27,28N	101/01	275	146	7	191105	060105	NAU	125	BVB
5945	0800-0945	27,28N	101/01	275	146	7	070105	260306	NAU	125	BVB
5945	0815-0930	27,28N	101/01	275	146	6	301005	260306	NAU	125	BVB
6015	1915-1930	28,29	205	60	211	23456	301005	260306	JUL	100	BVB
6015	1900-2030	28,29	205	60	211	1	301005	260306	JUL	100	BVB
6015	1900-2000	28,29	205	60	211	7	301005	060106	JUL	100	BVB *
6015	1900-2015	28,29	205	60	211	7	070106	260306	JUL	100	BVB *
9470	1900-2015	39,40	101/01	125	146	1	091205	260306	NAU	250	BVB
9470	1915-2000	39,40	101/01	125	146	6	091205	260306	NAU	250	BVB
9470	1900-2000	39,40	101/01	125	146	7	091205	260306	NAU	250	BVB
9470	1830-1900	39,40	101/01	125	146	3	091205	260306	NAU	125	BVB
7260	1930-1959	46,47	211	170	216	1	301005	260306	JUL	100	BVB
7260	1900-1930	46,47	211	170	216	7	301005	260306	JUL	100	BVB
13810	1630-1730	38S,39S,47,48	106	130	217	2356	301005	010106	JUL	100	BVB *
13810	1630-1759	38S,39S,47,48	106	130	217	147	301005	010106	JUL	100	BVB *
13810	1630-1759	38S,39S,47,48	106	130	217	1234567	020106	260306	JUL	100	BVB *
9730	1800-1859	39,40	211	110	216	17	301005	260306	JUL	100	BVB
9730	1800-1835	39,40	211	110	216	35	301005	260306	JUL	100	BVB
9730	1715-1835	39,40	211	110	216	246	301005	260306	JUL	100	BVB
17545	0845-1015	38,39	106	130	217	6	301005	260306	JUL	100	BVB
7210	1800-1859	39,40	111	105	216	17	301005	260306	JUL	100	BVB
7210	1800-1830	39,40	111	105	216	456	301005	260306	JUL	100	BVB
9460	1630-1859	39,40	105	115	216	1	301005	260306	JUL	100	BVB
9460	1640-1715	39,40	105	115	216	246	301005	260306	JUL	100	BVB
9460	1640-1815	39,40	105	115	216	3	301005	260306	JUL	100	BVB
9460	1645-1930	39,40	105	115	216	7	301005	260306	JUL	100	BVB
9460	1640-1745	39,40	105	115	216	5	301005	260306	JUL	100	BVB
9460	1800-1859	39,40	105	115	216	4	301005	260306	JUL	100	BVB
9460	1800-1859	39,40	105	115	216	6	251105	260306	JUL	100	BVB
12035	1500-1559	40,41	110	90	218	37	301005	260306	JUL	100	BVB
12035	1530-1559	40,41	110	90	218	12456	301005	260306	JUL	100	BVB
11645	1630-1715	39,40	111/00	120	217	34	301005	260306	WER	250	BVB
11645	1630-1730	39,40	111/00	120	217	256	301005	260306	WER	250	BVB
13645	1530-1600	41	208	90	217	2345	301005	260306	WER	250	BVB
13645	1500-1530	41NE	214	75	217	6	251105	260306	WER	250	BVB
13645	1530-1600	41	208	90	217	6	251105	260306	WER	250	BVB
13645	1400-1545	41	208	90	217	7	301005	260306	WER	250	BVB
13645	1400-1500	41	208	90	217	1	251105	260306	WER	250	BVB
13645	1500-1530	41NE	214	75	217	1	251105	260306	WER	250	BVB
7205	1800-1830	37NW	401/00	230	216	1	301005	260306	NAU	125	BVB
9720	1430-1500	43S,49	101/00	78	216	1	080106	260306	NAU	250	BVB
13600	1330-1429	41NE,43S,49N	110/00	75	217	1234567	301005	260306	WER	250	GFA
12005	1430-1530	41NE,43S,49N	110/00	75	217	1234567	301005	260306	WER	250	GFA
11645	1530-1630	40E,41NW	120/00	90	216	1234567	301005	260306	WER	250	GFA
7210	0030-0130	40E,41NW	208	90	217	1234567	301005	260306	WER	250	GFA
7160	2330-0030	41NE,43S,49N	221	75	218	1234567	301005	260306	WER	250	GFA
11835	1700-1800	37,38	305	175	217	1234567	301005	260306	JUL	100	YFR-1
9925	1700-1900	39N,40W	102	115	217	1234567	301005	260306	JUL	100	YFR-2
5925	2000-2100	39,40	104	115	206	1234567	301005	260306	JUL	100	YFR-1
9465	2000-2100	37,38,46,47	204	195	217	1234567	301005	260306	WER	125	YFR-2
3955	1800-1900	27,28	403	ND	976	1234567	301005	260306	JUL	100	YFR-1
7285	2300-0400	36	204	230	218	1234567	301005	260306	JUL	100	HRT
7285	0000-0400	17	112	300	216	1234567	301005	260306	JUL	100	HRT
7285	0200-0600	17	119	325	216	1234567	301005	260306	JUL	100	HRT
9470	0500-0800	55,59,60	202	230	218	1234567	301005	260306	JUL	100	HRT
11690	0600-1000	58,59,60	208	270	218	1234567	301005	260306	JUL	100	HRT
<u>FMO (Frequency Managing Organizations)</u>											
6140	0600-0959	27,28	405	175	850	1234567	301005	260306	JUL	100	DWL
6140	1000-1259	27,28	405	175	850	1234567	301005	260306	JUL	40	DWL
6140	1300-1559	27,28	405	175	850	1234567	301005	260306	JUL	100	DWL
6140	1600-1900	27,28	405	175	850	1234567	301005	260306	JUL	40	DWL
6015	1400-1559	27,28	401	ND	926	7	051105	260306	JUL	40	TDP
6045	0500-0600	28E	105	115	216	1234567	301005	260306	JUL	100	AWR
9610	1000-1100	28W	105	145	216	1	301005	260306	JUL	100	AWR

9800	1900-1959	37,38W	308	200	216	1234567	301005	260306	JUL	100	AWR
9695	2000-2030	37,38W	308	200	216	123456	301005	260306	JUL	100	AWR
9695	2000-2030	37,38W	406	200	805	7	301005	260306	JUL	100	AWR
6130	0627-0645	28,29	104	100	206	23456	301005	260306	JUL	100	TWR
7210	0927-0945	28	104	100	206	34567	301005	260306	JUL	100	TWR
6105	0927-0945	28	111	105	216	34567	301005	260306	JUL	100	TWR
7225	1127-1200	28,29	111	105	216	7	301005	260306	JUL	100	TWR
6130	1127-1200	28,29	104	100	206	7	301005	260306	JUL	100	TWR
5995	0200-0400	39,40	105	100	216	1234567	301005	260306	JUL	100	VOR
9555	1500-1600	39,40	102	115	217	1234567	301005	260306	JUL	100	VOR
5975	2000-2200	39,40	211	110	216	1234567	301005	260306	JUL	100	VOR
5965	2000-2200	39,40	111	105	216	1234567	301005	260306	JUL	100	VOR
5990	2100-2200	39,40	105	115	216	1234567	301005	260306	JUL	100	VOR
6175	2300-2400	39,40	105	100	216	1234567	301005	260306	JUL	100	VOR
12110	1700-1759	40	110	100	217	1234567	301005	260306	JUL	100	IBB
9495	1800-1859	40	110	100	217	1234567	301005	260306	JUL	100	IBB
9485	1900-2000	39N	110	100	217	1234567	301005	260306	JUL	100	IBB
9680	1900-2000	40	208	100	218	1234567	301005	260306	JUL	100	IBB
9670	0100-0300	42,43	208	75	217	1234567	301005	260306	WER	250	IBB

Abbreviations:

* changes

+ active on demand

momentary not active

AWH Allerweltshaus Köln e.V.
 AWR Adventist World Radio
 BVB Bible Voice Broadcasting
 BCA Bible Christian Association
 BCE Broadcasting Center Europe S.A.
 CHW Christliche Wissenschaft
 DTK Deutsche Telekom
 DVB Democratic Voice of Burma
 DWL Deutsche Welle
 EMG Evangelische Missions Gemeinden in Deutschland
 EVR Evangeliums Radio Hamburg
 FVM Freie Volksmission Krefeld
 GFA Gospel For Asia
 HCJ Voice of the Andes
 HLR Hamburger Lokal Radio
 HRT Hrvratska Radio Televizija
 IBB International Broadcast Bureau
 IBR IBRA Radio Sweden

MWA Missionswerk Arche
 MVB Mecklenburg Vorpommern Baltic Radio
 PAB Pan Am Broadcasting
 RMI Radio Miami International
 RNW Radio Netherlands World Service
 RRP Radio Reveil Paroles de Vie
 RTB Radio Television Belge de la communaute Francaise
 RTR Radio Traumland (Belgien)
 RTI Radio Taiwan international
 RWB Radio Waaberi (Somalia)
 SBO Sagalee Bilisummaa Oromoo
 TDP Transmitter Documentation Project
 TOM The Overcomer Broadcast
 TWR Trans World Radio
 UNL Universelles Leben
 VOR Voice of Russia
 WRN World Radio Network
 YFR WYFR Family Radio

(via WB, PDF conversion to text by WDXC-HQ; 15 December 2005)

INDONESIA: Another reason to keep a shortwave radio in the house. Indonesian radio and television stations may soon be prohibited from rebroadcasting news from VOA, BBC, and other international stations. Abdullah Alamudi, Jakarta Post, 5 December 2005. New Indonesian broadcasting regulations postponed, for now. Jakarta Post, 6 December 2005. (Kim Andrew Elliott discussing International Broadcasting and Public Diplomacy at his website; via JKB)

KOREA (NORTH): Pyongyang, 1 December: The US Department of State in its recent annual report on the implementation of "the North Korean Human Rights Act" presented to Congress called for taking measures in the direction of helping "North Koreans have an easier and more convenient access to information from outside and seeking realistic and effective ways such as the expansion of the network of free broadcasting for North Korea, in particular, and influx of transistor radios and the manufacture and provision of video tapes". This indicates that the US offensive against the DPRK [Democratic People's Republic of Korea] over what it called "human rights", "freedom" and "democratization" has entered a full-fledged phase. The influx of "information from outside" touted by the US hard-line conservative forces means the spread of bourgeois way of living and the US-style view on value through decadent literary and art works and different kinds of publications. By smuggling transistor radios, undesirable publications and video tapes into the DPRK the US seeks to disseminate reactionary and poisonous ideas among people in a bid to destabilize society and bring down the socialist state system. This operation is an extension of the on-going US "human rights" campaign. The US is now replacing in

secrecy its anti-DPRK offensive strategy backed by force by a strategy for destabilizing it as evidenced by its escalated "human rights" offensive and the strengthening of the "Voice of Free Asia"(VFA). This broadcasting service is one of the important media for the US psychological operation towards Asia. The VFA is taking one step after another to meet the US strategic interests and attain its target to invade and dominate Asia. Under the supervision of CIA the VFA is busy advertising American-style "freedom and democracy" and "advantages" of its corrupt mentality and culture and morality among Asian countries. Most of its programmes is devoted to the reactionary propaganda aimed at interfering in the internal affairs of Asian countries and creating an atmosphere of actions against their governments. The US broadcasting programmes and publications for the Arab world have been devoted to the political leaders in the upper crust of the Islamic countries for the last several decades. But now they are devoted mainly to the young people aged 30 and below who account for 65 per cent of the Arab population in the Mideast. The US intention is to train pro-US elements under a long-term plan in a bid to realize a "peaceful regime change" in those countries that fall out of its favor. The DPRK is made the main target of the VFA. Broadcasting in Korean holds a big proportion in the VFA programme. The US loudmouthed influx of "information" into the DPRK from outside is nothing but a "Trojan horse" operation to destabilize it. The US is, however, seriously mistaken because it will never work on the DPRK whose people are strong in idea and faith. The US escalated ideological and cultural poisoning would only heighten the revolutionary vigilance of the servicepersons and people in the DPRK against it. (RNMN Weblog 2005 December 01 posted by AS, Source: KCNA, Pyongyang, in English 0850 gmt 1 Dec 05 via BBC Monitoring; via JKB)

KOREA (SOUTH): Text of report by Sin Chu-hyon entitled: "A nongovernmental radio broadcast beamed at North Korea sent its first programme" in English by South Korean newspaper The Daily NK website on 7 December Free North Korea Broadcasting (Free NK) launched its radio programme intended to promote North Korean democracy at midnight on the 7th of this month. The programme lasts one hour a day. Free NK.net was founded by North Korean defectors in South Korea two years ago, and has been posting journalistic text and audio contents on its web site. It is first that a nongovernmental broadcaster founded by North Korean defectors makes a programme and beams it at North Korea by means of short wave radio. The programme has finally come to be launched a month after Free NK agreed with Ha Tae-kyung, the secretary-general of Open Radio for North Korea (NK Radio), on mutual cooperation last month. NK Radio specializes in transmitting programmes to North Korea, and is located in the US. The programme is sent out on the air by means of a short wave transmitter because more and more North Koreans are obtaining short wave radios. Free NK uses short wave 5880kHz for the time being. The location of the transmitting station has not been disclosed lest North Korean authorities intervene in transmitting. In the morning of the 6th day of this month, Free NK posted on its web site an article titled "On the Establishment of the Radio Station". On the article, it was said that the radio station has been intended to reveal the realities of North Korea to South Korean people, to be an adviser and supporter who provides encouragement and new hope to North Korean people in the Dark Land, and to be an excellent guide for the defectors who enter South Korea for freedom at the risk of their lives. Kim Sung min [Kim Song-min], the chairperson of Free NK, said, "I am very glad to see the accomplishment of North Korean defectors' old dream. The radio broadcasting will be a gospel to North Korean people and a threatening dagger to Kim Jong-il." "For the five days from the 7th of this month, we will have put a one-hour special programme featuring the Seoul Summit on the air everyday as a joint project with NK Radio. We will make a one-act play based on the essay which won the Human Rights in North Korea Essay Contest. We will also broadcast major events and interviews with influences," explained Mr Kim. "Once the news about the foundation of the radio station was spread, we have received a lot of phone calls, and been promised financial support from several people who don't want to reveal their names. Workers in the radio station are insured for 100 million won against accidents, which means we are so dedicated. We will go as far as to liberate North Korea." Mr Kim expressed their strong resolution. It has been said that Free NK was persistently asked to give up the radio broadcasting plan by some influential groups which had sensed it in advance, but it turned down all of such requests. Radio broadcasters sending outside information to North Korea include Radio Free Asia's Korean service, Voice Of America's Korean broadcasting, Korea Broadcasting System's Social and Educational programme, and Far East Broadcasting Corporation. On the second day of the Seoul Summit, Ha Tae-kyung, the secretary-general of NK Radio in the US, will participate in the conference on North Korean human rights improvement strategy where he is supposed to make a presentation about the role of radio broadcasting beamed at North Korea. Mr Ha said to the DailyNK on a

telephone interview that he was going to talk about North Korean censorship and control on information, and the duties and roles of radio broadcasting to North Korea. He also mentioned that broadcasters to the North need much support and participation from various domestic and international individuals. Open North Korea Broadcast is an agency specializing in transmitting programmes to North Korea. Individuals or organizations can request it to transmit their programmes to North Korea with payment for wiring. Mr Ha emphasized that many South Koreans should participate in broadcasting to North Korea by means of NK Radio. It has been known some place around Seoul area where Free NK made its programme and prepared its transmission. (RNMN Weblog December 07, 2005 posted by AS, Source: The Daily NK website, Seoul, in English 7 Dec 05 via BBC Monitoring; via JKB)

LITHUANIA: Radio Sweden MediaScan reports that *Pipeline Radio*, a UK net-based station (<http://www.pipelineradio.org>), is about to commence programmes from Bubia in northern Lithuania on 1386 kHz AM. The station will operate every Wednesday evening from the 30 November from 2300 UTC after China Radio International close-down. (RNMN Weblog November 14, 2005 posted by AS; via JKB)

MISCELLANEOUS: The new publishers of UK-based Short Wave Magazine have announced that the well loved and long established radio listeners' favorite monthly publication is to continue. Contrary to industry rumors [sic], the magazine, which was established in 1937, will continue to be available on the news stands, by postal subscription and soon, on-line. The former publisher of Short Wave Magazine decided earlier in 2005 to drop the title from their portfolio in order to concentrate on a new magazine for the radio enthusiast. Kevin Nice, the Editor of SWM for almost eight years says, "SWM's winning formula will stay the same. All the regular contributors will continue to feature along with some new authorities in their field who have joined the radio monitor's essential monthly. The only immediate change will be that there will be more pages for our loyal readers to enjoy. We sincerely wish the former publishers of SWM much luck with their new publication!". The January issue of Short Wave Magazine will be in the shops from late December. Editor Kevin Nice is very upbeat about the change of Short Wave Magazine publisher. The Dorset based Short Wave Magazine Limited is set to establish a no nonsense approach to hobby radio magazines. Short Wave Magazine will also be operating a comprehensive book and radio related software. Contact information: Short Wave Magazine Ltd., B1 Arena Business Centre, Nimrod Way, Wimborne BH21 7SH. Tel: (01202) 862762 or E-mail: subs@shortwavemagazine.co.uk for more details. You can also visit the magazine's website at <http://www.shortwavemagazine.co.uk>. (RNMN Weblog November 15, 2005 posted by AS, Source: SWM readers Yahoo group via Mike Barraclough; via JKB)

The new radio listeners' magazine in the UK will now be called Monitoring Monthly, and not Shortwave. This is because the editor of the new publication, Kevin Nice, lost an action in the High Court yesterday. The court has ruled that he is not allowed to use the word "Shortwave" in the title of anything he publishes. The publishers of Short Wave Magazine, of which Mr Nice was the editor, have closed down the title and merged it with another magazine, Radio Active, to form Radio User, the first edition of which goes on sale on 20 December. Mr Nice decided to leave the company and set up his own publishing operation, but was forced to change the title from Shortwave Magazine to Shortwave, and now to Monitoring Monthly - <<http://www.monitoringmonthly.co.uk>>. (RNMN Weblog December 13, 2005 posted by AS with thanks to Mike Barraclough; via JKB)

The Austrian government has published a report about disturbances caused by *Power Line Communications (PLC)* in the HF bands (2000–30000 kHz). In Austria, broadband services via PLC are being provided in one region (approx. 250,000 inhabitants). Since the first trials of this technology in this region, which commenced in 2001, radio amateurs and various public safety organizations periodically reported disturbances in the frequency bands below 30 MHz, which were, according to the opinion of the spectrum users, caused by PLC operation in the concerned region. In order to verify the complaints of the various spectrum users, the competent Austrian authority (the Federal Ministry for Transport, Innovation and Technology, Telecommunications Authority) investigated the reported disturbances. The measurements carried out in May 2004, April 2005 and November 2005 clearly showed that the cause of the disturbance reported by users of the HF band in the concerned region is the operation of PLC. In particular, the measurement proved that the emission of PLC installations is up to 16,000 times (42 dB) higher than the relevant limit (according to CEPT ECC/REC/(05)04). Details of the measurement results are available in the annex to the following document (in German and English):

<<http://www.bmvit.gv.at/telekommunikation/publikationen/downloads/inf022005v3.pdf>>
(RNMN Weblog December 23, 2005 posted by AS; via JKB)

French 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 January 12, 2006. Based on this data I filtered language-based transmissions.

French (= F and A,F or F,A = mixed with Arabic):

STARTSTOP	DAY	ITU	STATION	LANG	TARG	FREQUENCY
0000-0100		CAN	Radio Canada Int.	F	ENA	6100
0000-0100		CUB	Radio Habana Cuba	F	Car	9550
0000-0100		F	Radio France Int.	F	SEA	17710#/J
0000-0100		USA	WYFR Family Radio	F	Car	15400
0000-2400		F	TDF DIGITAL, Rennes	F	Eu	25775
0000-2400		LUX	RTL DIGITAL	F	Eu	5990
0000-2400		ZAI	Radio Okapi	F	ZAI	6030 9550
0100-0200		F	Radio France Int.	F	CAM	5995\$/GUF
				F	SAs	11970/CHN-k
0100-0200		KRE	Voice of Korea	F	SEA	13650 15100
0115-0130		I	RAI International	F	NAm	11800
0130-0200		CUB	Radio Habana Cuba	F	Car	9550
0200-0230		SVK	Radio Slovakia Int.	F	NAm	7230
				F	SAm	9440
0200-0300		BUL	Radio Bulgaria	F	NAm	7400 9700
0200-0300		ROU	Radio Romania Int.	F	NAm	6045 9615
0230-0250		CVA	Radio Vaticana	F	NAm	7305 9605
0230-0300		CVA	Radio Vaticana	F	Af	7360
0300-0400	Tu-Sa	ARG	R.Argentina al Exterior	F	Am	11710
0300-0400		F	Radio France Int.	F	CAf	5945 7135 7135/AFS
0300-0400		KRE	Voice of Korea	F	CAM	11735 13760 15180
0328-0358	Su	USA	Trans World Radio	F	WEu	216/F
0341-0356	Mo-Sa	USA	Trans World Radio	F	WEu	216/F
0400-0500		AFS	Channel Africa	F	CAf	7390
0400-0500		F	Radio France Int.	F	NAf	3965
				F	CAf	4890/GAB 7135 9790 15210/UAE
				F	EAF	9555\$
				F	SAf	7270/ASC
				F	ME	7315
0400-0600		CHN	China Radio Int.	F		6115ka
0400-0600		ZAI	Radio Okapi	F	CAf	11690/AFS
0430-0500		CVA	Radio Vaticana	F	Af	7360 9660
0430-0500		G	BBC	F	WAF	6155/ASC 7105/ASC
				F	EAF	17885/SEY
0430-0600		COG	Radio Congo	F	CAf	5985
0430-0730		TCD	Rd.Nationale Tchadienne	F	CAf	840 6165
0445-0500		ISR	Kol Israel	F	Eu	6280 7545
				F	NAm	6280 7545
0500-0530		J	NHK Radio Japan	F	ME	17820/CLN
0500-0600		F	Radio France Int.	F	NAf	3965\$ 5925\$ 7135 9790 11700
				F	WAF	9790
				F	CAf	4890/GAB 9790
				F		11700 15210/UAE
				F	EAF	11995\$
				F	ME	9555
0500-0600		USA	WYFR Family Radio	F	Eu	11530
				F	CAf	11580
0500-0700		GAB	Africa No.1	F	Af	9580
0500-0830		ZAI	Radio Kahuzi, Bukavu	F	CAf	6210
0500-0100		MRC	Medi 1	F,A	Af	171 9575
0530-0545		F	Radio France Int.	F	EEu	5990
0530-0600		LAO	Lao National Radio	F	SEA	7145
0530-0600	Mo-Fr	USA	Voice of America	F	Af	1530/STP 5890g 7265/MRC
				F		9480g 9505/G-w
0540-0600		CVA	Radio Vaticana	F	Eu	1530 4005v 5885v 7250
0555-0800		GUI	Radio Conakry	F	WAF	7125
				F		
				F		
0600-0630		CVA	Radio Vaticana	F	Af	9660 11625 13765
0600-0630		F	Radio France Int.	F	NAf	5925 7135 9790 11700 15300
				F	WAF	7135 9790 11700

				F	CAf	11700	15210/UAE
				F		15300	17770/RRW
0600-0630		G	BBC	F	Waf	7105/ASC	9610/ASC
				F	NAf	7180s	11680/CYP
0600-0630		ROU	Radio Romania Int.	F	WEu	7170g	9650g
0600-0630	Mo-Fr	USA	Voice of America	F	Af	5890g	7265/MRC
				F		9480g	9505/G-w
0600-0700		COG	Radio Congo	F	CAf	5985	6115
0600-0700		USA	WYFR Family Radio	F	Eu	7520	9985
0600-0800		BEL	RTBF Bruxelles	F	Eu	5940	9970
0600-0816	Mo-Fr	BEL	RTBF Bruxelles	F	CAf	17580/D-j	
0600-1100	SaSu	BEL	RTBF Bruxelles	F	CAf	17580/D-j	
0625-0800	Su-Fr	MTN	Radio Mauritanie	A,F	Waf	4845	
0630-0700		F	Radio France Int.	F	NAf	5925	7135 9790 11700 15300
				F	Waf	7135	9790 9865/ASC 11700
				F	CAf	11700	15210/UAE
				F		15300	17770/RRW
				F	Eaf	17800	
0630-0700		J	NHK Radio Japan	F	Eu	11970/GAB	
0630-0730		IRN	IRIB Teheran	F	Eu	15425k	17590s
				F	NAf	15425k	17590s
0700-0727		CZE	Radio Prague	F	WEu	5930	7345
0700-0730		BUL	Radio Bulgaria	F	WEu	9500	11500
0700-0730		G	BBC	F	Waf	15105/ASC	
				F	CAf	17695/AFS	
0700-0800		CHN	China Radio Int.	F	Eu	15220ka	
0700-0800		F	Radio France Int.	F	CAf	15170/AFS	15300 17850
				F	NAf	7135	9790 11700 15300
				F		15315	17850
				F	Waf	11700	15315
0700-0800		NIG	Voice of Nigeria	F	Eu	15120	
0700-0800		TWN	Radio Taiwan Int.	F	Eu	5745/USA-o	
0700-0830		COG	Radio Congo	F	CAf	6115	9610
0700-1100		MCO	RMC DIGITAL	F	Eu	6175	
0700-1500		GAB	Africa No.1	F	Af	9580	17630
0700-1600		PAL	KHBN T8BZ Palau	F	FE	15725	
0715-0730	Mo-Sa	CVA	Radio Vaticana	F	Eu	585	1530 4005v 5885v 9645
				F	ME	11740	
				F	FE	6185	
				F	Af	7250	15595
				F	NAm	9645	
0730-1000	SaSu	TCD	Rd.Nationale Tchadienne	F	CAf	840	6165
0800-0900		F	Radio France Int.	F	NAf	11845	15300 15315 17620
				F	Waf	15300	15315 17620
				F	CAf	21580	
0800-0900		KOR	KBS World Radio	F	Eu	15210	
0800-0900		SEN	West Africa Democracy R	F	Waf	12000/G-w	15260/G-r
0800-0900		USA	Adventist World Radio	F	NAf	12025/D-j	
0800-1000		ARS	BSKSA Radio Riad	F	Waf	17785	
0800-1200	Su	GUI	Radio Conakry	F	Waf	7125	
0800-1800		MTN	Radio Mauritanie	A,F	Waf	7245	
0800-2315		BEL	RTBF Bruxelles	F	Eu	9970	
0830-0857		CZE	Radio Prague	F	WEu	9860	11600
0830-1700		COG	Radio Congo	F	CAf	9610	
0900-1000		CHN	China Radio Int.	F	Eu	17650ka	
0900-1000		F	Radio France Int.	F	NAf	11845	15300 15315 17620
				F	Waf	15300	15315 17620
				F	CAf	21580	
1000-1100		F	Radio France Int.	F	FE	7140\$/J	
				F	SEA	9830\$/J	
				F	NAf	11845	15300 17620
				F		17850	21685
				F	Waf	15300	17620 21685
				F	CAf	17850	21580
1000-1100		SEN	West Africa Democracy R	F	Waf	17860/G-w	
1000-1100		USA	WYFR Family Radio	F	Car	9680	11740
1000-1200		ZAI	Radio Kahuzi, Bukavu	F	CAf	6210	
1000-2225		TCD	Rd.Nationale Tchadienne	F	CAf	840	6165
1100-1115		ISR	Kol Israel	F	Eu	15640	17535
				F	NAm	15640	17535
1100-1200		F	Radio France Int.	F	Eu	6175	

			F	NAf	11845 15300 17620 21685	
			F	CAf	17850/AFS 21580	
			F	WAF	15300 17620 21685	
			F	FE	7140/J	
			F	SEA	9830/J 11600/CHN-x	
			F	ENA	13640 15515\$ 17610\$	
			F	CAM	11670/GUF 21645\$	
1100-1200		KRE	Voice of Korea	F	LAm	6285 9325
1100-1200		ROU	Radio Romania Int.	F	SEA	6185 9850
1100-1300		BEL	RTBF Bruxelles	F	Eu	15255g 17845g
1200-1230		BUL	Radio Bulgaria	F	NAf	15315 17790
1200-1230		F	Radio France Int.	F	CAf	21565/D-j
				F	WEu	11700 15700
				F	CAf	17850/AFS 21580
				F	WAF	15300 17620 17850/AFS 21685
				F	NAf	11845 15300 17620 21685
1200-1230		G	BBC	F	NAf	15425r
				F	WAF	17780/ASC 21640/ASC
1200-1230		VTN	Voice of Vietnam	F	SEA	1242 7285h
1200-1300	Mo-Sa	CVA	Radio Vaticana	F	Eu	585 1611 5885v
1200-1300		CVA	Radio Vaticana DIGITAL	F	NAm	13750
1200-1300		D	Deutsche Welle	F	Af	15410/RRW 15470/POR 17610w
				F		17800/RRW 21665w
1200-1300		USA	WYFR Family Radio	F	NAm	6855
1200-1400		CAN	Radio Canada Int.	F	Car	6120
1200-1400		CHN	China Radio Int.	F	Eu	17650ka
1200-1600		MCO	RMC DIGITAL	F	Eu	6175
1200-2400		GUI	Radio Conakry	F	WAF	7125
1230-1300		F	Radio France Int.	F	CAf	17850/AFS 21580 21760/AFS
				F	WAF	15300 17620 17850/AFS
				F		21685 21760/AFS
				F	NAf	11845 15300 17620 21685
				F	EAF	21620
				F	CAM	15515/GUF
1230-1300		J	NHK Radio Japan	F	Af	15400/ASC 17870/ASC
1230-1630		ZAI	Radio Kahuzi, Bukavu	F	CAf	6210
1300-1330		LAO	Lao National Radio	F	SEA	7145
1300-1330		VTN	Voice of Vietnam	F	SEA	1242 7285h
1300-1400		F	Radio France Int.	F	CAf	17850/AFS 21580
				F	WAF	15300 17620 17850/AFS 21685
				F	NAf	11845 15300 17620 21685
				F	CAM	17860/GUF
1300-1400		USA	WYFR Family Radio	F	Car	11740
1400-1410		MTN	Radio Mauritanie	F	WAF	7245
1400-1500		F	Radio France Int.	F	NAf	11845 15300 17620 21685
				F	WAF	15300 17620 21685
				F	CAf	21580
1400-1500		KRE	Voice of Korea	F	Eu	7570 12015
				F	NAm	9335 11710
1400-1600		ARS	BSKSA Radio Riad	F	WAF	21600
1400-1600		CHN	China Radio Int.	F	NAf	11920/ALB 13670/ALB
1430-1500		CAN	Radio Canada Int.	F	As	5985/J 9780/J
1455-1525	SaSu	SWZ	Trans World Radio	F	MDG	9585
1500-1600		F	Radio France Int.	F	NAf	11845 15300 15605
				F		17620 17850
				F	WAF	15300 15605 17620
				F	CAf	17850 21580
1500-1600		GAB	Africa No.1	F	Af	9580
1530-1555		I	RAI International	F	Eu	9780 11860
1600-1630	Mo-Fr	CAN	R. Canada Nord-Quebec	F	CAN	9625
1600-1700		AFS	Channel Africa	F	WAF	15285
1600-1700	Mo-Sa	BEL	RTBF Bruxelles	F	CAf	13590/D-j
1600-1700		CHN	China Radio Int.	F	Eu	9700ka
1600-1700		D	Deutsche Welle	F	Af	9810/RRW 12035/POR 15145/RRW
				F		15275w 17610w
1600-1700		F	Radio France Int.	F	SEA	6090/CHN-k
				F	NAf	9790\$ 15300 17620
				F	WAF	15300 17620
				F	CAf	15300
1600-1700		KOR	KBS World Radio	F	ME	7150
1600-1700		KRE	Voice of Korea	F	Eu	7570 12015

				F	NAm	9335 11710
1600-1700		USA	WYFR Family Radio	F	NAm	11855
1600-1700		ZAI	Radio Okapi	F	CAf	11890/AFS
1600-1900		GAB	Africa No.1	F	Af	9580 15475
1630-1645		ISR	Kol Israel	F	Eu	11605 17535 15760
				F	NAm	11605 17535 15760
1630-1650		J	NHK Radio Japan	F	ME	7105
1630-1655		I	RAI International	F	NAf	6015 7195 9675
1630-1700		VTN	Voice of Vietnam	F	Af	7220 9550
1700-1715		CVA	Radio Vaticana	F	Eu	585 1530 4005v 5885v
				F	Af	7250 9645 9755
1700-1715	Mo-Fr	UN	United Nations Radio	F	NAf	9565/G-s
				F	CAf	21535/AFS
				F	SAf	7170/AFS 21535/AFS
1700-1730		CVA	Radio Vaticana	F	Af	11625 13765
1700-1730		HNG	Radio Budapest	F	Eu	3975 6025/SVK
1700-1800		CHN	China Radio Int.	F	Eu	7350ka
1700-1800		D	Deutsche Welle	F	Af	9735n 9850/RRW 12035w
				F		13645w 15410/RRW
1700-1800		ETH	Radio Ethiopia	F	EAF	7165 9560
1700-1800		F	Radio France Int.	F	NAf	11965 15300
				F	WAF	11965 15300
				F	CAf	15300
1700-1800		ROU	Radio Romania Int.	F	Eu	7135 9690
1700-1800		RUS	Voice of Russia	F	EAF	7335c 11510/ARM
				F	CAf	11510/ARM
				F	NAf	7400m
				F	Eu	7300a 7330m 7400m
1700-1800		USA	WYFR Family Radio	F	Af	15115
1700-1900		BEL	RTBF Bruxelles	F	CAf	13590/D-j
1700-2000	Su	CAN	R. Canada Nord-Quebec	F	CAN	9625
1700-2000	irr	CME	Radio Garoua	F	CAf	5010
1700-2030		COG	Radio Congo	F	CAf	5985 6115
1700-2100		CAN	Radio Canada Int.	F	Car	17835
1700-2215		NGR	La Voix du Sahel	F	WAF	7155 9705
1708-1740	Mo	NZL	Radio New Zealand Int.	F	EOc	11980
1720-1740	Tu,Th	MDA	Radio DMR	F	Eu	5960
1730-1757		CZE	Radio Prague	F	WEu	5930
				F	CAf	15710
1800-1810		RRW	Radio Rwanda	F	CAf	6055
1800-1815		ISR	Kol Israel	F	Eu	7545 9345 11590
				F	NAm	7545 9345 11590
1800-1820		J	NHK Radio Japan	F	Eu	11970
				F	Af	9685 11785
1800-1830		BUL	Radio Bulgaria	F	WEu	5800 7500
1800-1830	Tu	D	Christl. Wissenschaft	F	WAF	9470j
1800-1830	Th	D	Christl. Wissenschaft	F	CAf	9490j
1800-1830		G	BBC	F	NAf	9610r
				F	WAF	15105/ASC 17885/ASC
				F		21630/ASC
				F	SAf	7230/AFS
1800-1830		SVK	Radio Slovakia Int.	F	WEu	5915 6055
1800-1900		CAN	Radio Canada Int.	F	Eu	5850/S 13650
1800-1900	Mo-Fr	E	Radio Exterior España	F	Eu	9665
1800-1900		F	Radio France Int.	F	NAf	7315 9790 11705 11965
				F	WAF	7315 9790 11965 11995/GAB
				F	CAf	9790 11705
1800-1900		KOR	KBS World Radio	F	Af	15575
1800-1900		KRE	Voice of Korea	F	SAf	7100 11910
				F	ME	9975 11535
1800-1900		RUS	Voice of Russia	F	EAF	7335c
				F	WAF	7420m
				F	Eu	5895k 7300a 7330m
1800-1900		USA	WYFR Family Radio	F	Eu	15665
				F	Af	17690
1800-2000		CHN	China Radio Int.	F	Eu	5970/ALB 6055/ALB 7180/ALB
				F	NAf	7385/ALB
1800-2400		MLI	RTV du Mali	F,A	WAF	4783 4835 5995
1800-0100		MTN	Radio Mauritanie	A,F	WAF	4845
1830-1900		G	FEBA Radio	F	CAf	15130/ASC
1830-1900		GRC	Voice of Greece	F	Eu	666 7430

1830-1900	Th	SUI	R.Reveil Paroles de Vie	F	CAf	11840/D-j
1830-1900		VTN	Voice of Vietnam	F	Eu	7280 9730
1830-1930		IRN	IRIB Teheran	F	Eu	6180k 9755s
				F	Waf	9565k
1830-2000		USA	Voice of America	F	CAf	1530/STP 9815/BOT 11985/STP
				F		12080/BOT 13735/STP
				F		15220/MRC 17580g
				F	Waf	1530/STP 11985/STP 12080/BOT
				F		13735/STP 15220/MRC 17580g
				F	NAf	11985/STP
1830-2030		CHN	China Radio Int.	F	Af	7350u 9645k
1845-1905	Mo-Sa	ARM	Public Radio of Armenia	F	Eu	4810 9965
1900-1930	Th	CAN	Eglise du Christ	F	NAf	7260/G-w
1900-2000		CAN	Radio Canada Int.	F	Af	11845/G-s 13650 17740
1900-2000	Mo-Fr	E	Radio Exterior España	F	ME	7150
				F	Af	9595
1900-2000	Sa	E	Radio Exterior España	F	ME	12035
				F	Af	9595
1900-2000	Su	E	Radio Exterior España	F	ME	12035
1900-2000		F	Radio France Int.	F	CAf	7160/AFS 9790 11705
				F	NAf	6175 7315 9790 11705 11965
				F	Waf	11965 11995/GAB
1900-2000		INS	Voice of Indonesia	F	Eu	9525 15150
1900-2000		RUS	Voice of Russia	F	NAf	5950sp 6130m 7400m 7420m
				F	Eu	5895k 7330m
				F	SEu	5950sp 6130m 7400m 7420m
1900-2000		TWN	Radio Taiwan Int.	F	WEu	3955/G-s
1900-2000		USA	WYFR Family Radio	F	Eu	7520/RUS-a 21455
				F	Af	17690
1900-2300		GAB	Africa No.1	F	Af	9580
1905-2005		SYR	Radio Damascus	F	Eu	9330 12085
1930-1957		CZE	Radio Prague	F	WEu	5930 9430
				F	NAf	9430
1930-2000		VTN	Voice of Vietnam	F	Eu	5955/AUT 7280 9730
1935-1950		SWZ	Trans World Radio	F	CAf	9525
1945-2030		IND	All India Radio	F	Waf	9905a 13605b 13620b
				F	NAf	9905a 13605b 13620b
1950-2020	SaSu	SWZ	Trans World Radio	F	CAf	9525
2000-2030		ALB	Radio Tirana	F	Eu	7465
2000-2030		CUB	Radio Habana Cuba	F	Am	11760
2000-2030		USA	Adventist World Radio	F	CAf	9805/AFS
				F	Waf	11845/AFS
2000-2030		USA	Voice of America	F	CAf	9815/BOT 11985/STP 12080/BOT
				F		13735/STP 15220/MRC
				F	Waf	11985/STP 12080/BOT
				F		13735/STP 15220/MRC
				F	NAf	11985/STP
2000-2100	Mo-Fr	ARG	R.Argentina al Exterior	F	Eu	9690 15345
2000-2100		F	Radio France Int.	F	CAf	7160/AFS 9790 11705
				F	NAf	6175 7315 9485 11705
				F	Waf	7315 9485 9790/GAB
2000-2100		KOR	KBS World Radio	F	Eu	5955/G-s
2000-2100		KRE	Voice of Korea	F	Eu	7570 12015
2000-2100		RUS	Voice of Russia	F	NAf	5950sp 6130m 7400m 7420m
				F	Eu	1323/D 5895k 5950sp 6130m
				F		7300n 7400m 7420m
2000-2100		TWN	Radio Taiwan Int.	F	Eu	9955 11665/USA-o
				F	ENA	15440/USA-o
2000-2100		USA	Adventist World Radio	F	NAf	9695/D-j
2000-2100		USA	WYFR Family Radio	F	Eu	9465
				F	Waf	9465/D-w
2000-2115		EGY	Radio Cairo	F	Eu	9990a
2015-2030		THA	Radio Thailand	F	Eu	9535
2030-2045		ISR	Kol Israel	F	Eu	6280 9345
				F	SEu	7545
				F	CAM	7545
2030-2045	alt	ISR	Kol Israel	F	Eu	7520
				F	NAm	7520
2030-2045	347	S	IBRA Radio	F	Waf	9610/D-j
2030-2050		CVA	Radio Vaticana	F	Eu	585 1530 4005v 5885 7250
2030-2100		CVA	Radio Vaticana	F	Af	7365 9755 11625

2030-2100		SVK	Radio Slovakia Int.	F	WEu	5915 7345
2030-2100		USA	Adventist World Radio	F	Waf	9800/AUT
2030-2100	SaSu	USA	Voice of America	F	Waf	9780/STP 9815/BOT 11775/STP 12080/BOT 15220/MRC
2030-2130		CHN	China Radio Int.	F	Eu	7200u 7215/RUS-s 11660x
2030-2130		TUR	Voice of Turkey	F	Eu	7155
				F	Af	6050
2030-2130		USA	WYFR Family Radio	F	Waf	11985/ASC
2030-2230		EGY	Radio Cairo	F	Waf	9765a
2030-2300		COG	Radio Congo	F	CAf	5985
2040-2050	Su	NZL	Radio New Zealand Int.	F	Oc	15720
2100-2130		F	Radio France Int.	F	CAM	17630/GUF
2100-2130		HNG	Radio Budapest	F	Eu	3975 6025
2100-2130		ROU	Radio Romania Int.	F	Eu	7260g 9715g
2100-2130		RUS	Voice of Russia	F	Af	7170/CVA
2100-2130	Mo-Fr	USA	Voice of America	F	NAf	5985/G-w 9815
				F	Waf	9680/MRC 9780/STP
				F	CAf	5985/G-w 9680/MRC
				F		9780/STP 9815/BOT
2100-2130		VTN	Voice of Vietnam	F	Eu	7280 9730
				F	Af	7220 9550
2100-2200		AGL	Radio Nacional Angola	F	AGL	944 7217
2100-2200		BUL	Radio Bulgaria	F	WEu	5800 7500
2100-2200		CAN	Radio Canada Int.	F	NAf	7235/G-s 9805/AUT 11845
2100-2200	Sa	CAN	R. Canada Nord-Quebec	F	CAN	9625
2100-2200	Su	E	Radio Exterior España	F	Af	9595
2100-2200		F	Radio France Int.	F	CAf	7160/AFS 9790 11705
				F	NAf	6175 7315 9485 11705
				F	Waf	7315 9485 9790/GAB
2100-2200		NIG	Voice of Nigeria	F	Waf	7255
2100-2200		RUS	Voice of Russia	F	Eu	1323/D 5895k
2100-2200		TWN	Radio Taiwan Int.	F	Af	7305/F
2130-2200		CUB	Radio Habana Cuba	F	Am	11760
2130-2200		SCG	Int.R.Serbia-Montenegro	F	Eu	6100
2130-2230		CHN	China Radio Int.	F	Eu	7200u 11660x
				F	Af	11975/MLI 13630/MLI
2200-2230		CUB	Radio Habana Cuba	F	Car	9505
2200-2300	Su	CAN	R. Canada Nord-Quebec	F	CAN	9625
2230-2300	SaSu	TCD	Rd.Nationale Tchadienne	F	CAf	840 6165
2300-2327		CZE	Radio Prague	F	NAm	5930 7345
2300-2400		CAN	Radio Canada Int.	F	Car	15180
2300-2400	Sa	CAN	R. Canada Nord-Quebec	F	CAN	9625
2300-2400	SaSu	E	Radio Exterior España	F	Eu	5970
2300-2400		E	Radio Exterior España	F	NAm	6055
2300-2400		F	Radio France Int.	F	SEA	11890/J 12075/RUS-v
2300-2400		USA	WYFR Family Radio	F	NAm	6085

(Eike Bierwirth's shortwave broadcasting-schedule list - January 12, 2006, filtered for the language-based transmissions by JKB)

MOZAMBIQUE: *Radio Moçambique* has a new website, but very slow F. C. Ferreira (Portugal) writes: "Radio Moçambique has another site: <<http://www.rm.co.mz>> and they have online broadcasting now." We checked the site this morning, and despite us having a fast broadband connection it loaded very, very slowly. We also did not see any links to streaming audio, but we could not explore the site properly as it was virtually unusable. Perhaps we just checked it at a bad time. (RNMN Weblog November 21, 2005 posted by AS; via JKB)

NETHERLANDS: Since yesterday *Radio Netherlands* have changed a frequency for Dutch at 1300-1400 UTC to 9450 kHz from Khabarovsk instead of 9940 kHz due to interference from Iran. Unfortunately I got this information too late to change it in the online technical schedule, but that will be done on Tuesday. (RNMN Weblog December 23, 2005 posted by AS; via JKB)

NEW ZEALAND: The introduction of a new digital shortwave service by Radio New Zealand International and the launching of new Sky Pacific channels in Tonga is a highlight of the trade exhibition of the 2005 Pacific Islands News Association conference currently under way in Nuku'alofa. The trade exhibition, opened on 16 November by Dr Sione Ngongo Kioa, president of the Tonga Chamber of Commerce, at the Janfull International Hotel,

is the first to be held by Tonga under the umbrella of the PINA conference. In February of 2006 **Radio New Zealand International**, RNZI, will begin airing in Tonga its new digital shortwave service, which will produce a very high quality sound signal similar to FM and better than the quality of sound currently being received now through the traditional shortwave service. Linden Clark, the manager for RNZI, said that what they have got is a digital shortwave receiver so that one can listen to their news bulletin on a PC computer once a receiver box and some software programmes are installed into the PC. Linden said there are also going to be ordinary radio receiver or portable receivers that are currently being made with AM/FM and digital shortwave that will be on sale in mid 2006. "Because 80 per cent of our audience listens to us through local stations we want to provide both, and provide these digital receivers for all radio stations in the Pacific region starting with Tonga," she said. The Tonga Broadcasting Commission [TBC] is the first in the Pacific to be installed with RNZI's new PC receiver which will be done in the next few days, but it would not be broadcasting until February next year as RNZI's transmitter is currently being installed in New Zealand, she said. Linden added the advantage of the new digital shortwave is that it has fantastic sound, better than the traditional shortwave currently being used now, and hopefully the new signal will encourage local stations to use a bit more of their news. RNZI will continue to use both the traditional shortwave used now by local stations as well as the new added digital version to be introduced. And other Pacific island countries to follow this new era in digital shortwave are Fiji, Samoa, Kiribati and the Solomon Islands etc. (RNMN Weblog November 18, 2005 posted by AS, Source: Matangi Tonga website, Nuku'alofa in English 18 Nov 05 via BBC Monitoring; via JKB)

Chris Mackerell writes in the DRM Software Radio forum that **Radio New Zealand International** has started testing its new DRM transmitter on 15720 kHz between 0115 & 0245 this week. Chris noted the signal weakly in Wellington at 0115 UTC on 14 December. RNZI Technical Manager Adrian Sainsbury e-mailed him to say "Yes it was RNZI - the signal in Suva peaked at SNR 29. Radio Fiji staff were very impressed, and so was I. When we start 24 hour operation you should get a chance to decode our signal when we are on lower frequencies like 9 and 6 MHz." (RNMN Weblog December 15, 2005 posted by AS; via JKB) **Radio New Zealand International's** digital future. Will begin DRM shortwave broadcasts to the Pacific in February and will provide DRM receivers for "all radio stations in the Pacific region starting with Tonga." Matangi Tonga Online, 18 November 2005. (Kim Andrew Elliott discussing International Broadcasting and Public Diplomacy at his website; via JKB)

NIGERIA: The Nigerian Daily Sun reports on the efforts of the new **Voice of Nigeria** Director, Mallam Abubakar Jijiwa, to enable the international broadcaster to carry out its action plan for 2005–2010, which, among other things, is to "Achieve excellence through optimal utilization of existing human and material resources in order to make VON a leading international broadcasting station like BBC, VOA, Deutsche Welle, and in particular among the African audiences." The newspaper says that "Efforts are on to restore VON's five transmitters into full transmission capacity in shortest possible time, certainly by middle of 2006." (RNMN Weblog November 08, 2005 posted by AS; via JKB)

PORTUGAL: Deleted frequencies for RDP Radio Portugal in Portuguese from Dec. 1, 2005:

Mon-Fri	0600-0855	Eu	9755	
	0900-1055	Eu	11875	
	1100-1300	Eu	15140	
	1700-2000	Eu	11630	
Tue-Sat	0000-0300	NoAm	9410	13770
Sat/Sun	0800-1455	Eu	15575	
	1500-1755	Eu	11635	
	1300-1800	NoAm	17745	

Updated schedule for RDP Int. Radio Portugal in Portuguese from Dec. 1, 2005:

Mon-Fri	0600-1300	Eu	9815	
	0745-0900	Eu	11660	
	1100-1300	SoAm/Af	21655	21830
	1400-1600	ME	15690	
	1700-2000	Af/SoAm	17680	21655
Tue-Sat	0000-0300	NoAm/SoAm	9715	11980 13700
Sat-Sun	0800-1055	SoAm	17710	
	0800-1455	Eu	11875	

7390	1600-1800	250	9865	1200-1300	500	15425	0200-0600	500
9900	1300-1500	250	Irkutsk			Khabarovsk		
Krasnodar			5910	1700-1900	250	6145	1100-1400	100
5925	1500-2000	100	5920	1000-1400	100	7220	1100-1500	100
5945	0100-0300	500	5995	1500-1900	100	Komsomolsk-na-Amure		
5950	1800-1900	250 (500)	6095	1000-1100	100	6005	1300-1500	250
6005	1500-1800	100	6115	1200-1300	100	9495	1300-1500	250
7150	0200-0600	500	9770	1300-1500	500	12010	0200-0600	250
7240	0200-0400	500	17805	0600-0900	250	15475	0200-0500	250
7300	1600-1900	250 (500)	Chita			17665	0600-1000	250
9800	1200-1600	500	6205	1200-1300	500	Petropavlovsk-Kamchatskiy		
11655	1300-1500	250	6205	1400-1600	500	5995	1200-1500	250
15540	1000-1100	250	7335	1700-2000	500	7415	1500-1900	250
Novosibirsk			7350	1200-1600	500	9840*	0400-0600	250
5940	1200-1500	200	Vladivostok			13665	0200-0400	250
5945	1400-1800	500	3955	1000-1100	100	15595	0200-0400	200
7300	2000-2200	250 (500)	3955	1200-1300	100	15595**	0400-0600	200
7305	1200-1400	200	3955	1400-1500	100	* = Till 04/March/2006		
7305	1400-1700	500	5930	1100-1500	100	** = Since 05/March/2006		
7310	1800-2100	500	7260	1300-1700	500			

(Nikolay Rudnev in RUS-DX # 149-D, via Anatoly Klepov via WWDXC-HQ; 25 December 2005)

Voice of Russia with Russian World Service. Relay via SW transmitters abroad Russia valid 30/Oct/2005 - 25/March/2006:

kHz	UTC	kW	9945	0200-0300	500	9660	1500-1600	100
Armenia / Gavar			11500	1200-1500	500	Vatican/S.Maria di Galeria		
7250	0200-0400	500	17495	0800-1000	500	7170	2100-2130	250
11510	1700-2000	500	Tajikistan / Yangiyul			7350	0200-0600	250
Moldova / Grigoriopol			4965	1300-1500	100	Germany / Juelich		
6170	1900-2100	500	4965	1600-1700	100	5965	2000-2200	100
7125	0000-0600	500	4975	1300-1500	100	5975	2000-2200	100
7180	0100-0600	500	4975	1600-1700	100	5990	2100-2200	100
Tajikistan / Orzu			9885	1300-1530	100	5995	0200-0400	100
7510	1500-2000	200	9885	1600-1700	100	6175	2300-2400	100
7570	0000-0300	500	China / Xian			9555	1500-1600	100

(Nikolay Rudnev in RUS-DX # 149-D, via Anatoly Klepov via WWDXC-HQ; 25 December 2005)

The **Voice of Russia** has announced the death after a long illness of veteran broadcaster Joe Adamov, a few weeks short of his 86th birthday. He started work as an announcer at the foreign language service of Radio Moscow in 1942, and for over 40 years hosted one of the station's most popular programmes, Moscow Mailbag. In his 62 years with the station, Joe Adamov trained several generations of professional announcers, translators and journalists. Although Joe was born in Georgia, he was actually Armenian. He will be remembered as the voice of the Cold War, but those who met him and worked with him have memories of a much nicer and kinder man than might have been imagined from some of his broadcasts. (RNMN Weblog December 21, 2005 posted by AS; via JKB)

Russia's human rights groups have voiced concerns over the Defense Ministry's plan to establish a new combat force responsible for radio frequency jamming devices, the Nezavisimaya Gazeta daily reported today. The paper quoted its well-informed sources in the defense agency as saying that the plan to establish a new radio-electronic combat force has already been drawn up and awaits approval by the President. The new force, the source reported, will be responsible for radio-electronic destruction of enemy's targets in space, on land or sea, and protection of troops and installations. The radio-electronic combat department has already been set up at the General Staff of the Defense Ministry, headed by General Andrei Osin, who will most likely take over the command of the new force. Commenting on the ministry's plans, a prominent human rights advocate, Lev Ponomaryov, has voiced fear that the initiative could amount to restoration of the Soviet-era practice of jamming foreign radio and television broadcasts. "It appears that our country is sliding back to the times when jamming devices were introduced in the Soviet Union. Measures taken against public rights groups will soon lead to their closure and dissidents will be working in their kitchens. Impeding dissemination of information via the Internet and radio will become the next logical step," Ponomaryov told the paper. (RNMN Weblog November 24, 2005 posted by AS, Source: MosNews.Com; via JKB)

SLOVAKIA: *Radio Slovakia International* may soon turn off shortwave. Shortwave

transmissions slated to be discontinued in coming months due to lack of subsidy. Spanish will be dropped altogether, with English, German, French, and Russian continuing via internet and satellite. Radio Slovakia International, 15 January 2006. (Thanks to Kai Ludwig for news tip.) Via BBC Monitoring, Radio Slovakia reported 11 January that Slovak President Ivan Gasparovic "said that he personally wanted to take steps to ensure that the Slovak Radio foreign service is preserved." Thais must now understand English to be influenced by BBC World Service. BBC Thai Service, broadcasting since 1941, closed down on 13 January. "The BBC said the service had a low impact in an increasingly competitive domestic market. The BBC said it would now target opinion formers and decision makers through its English language programming instead." BBC News, 13 January 2005. (Kim Andrew Elliott discussing International Broadcasting and Public Diplomacy at his website; via JKB)

UNITED KINGDOM: BBC News reports that the Slovak section of the *BBC World Service* has fallen silent after 66 years on air - the first of eight European language sections to do so. The Slovaks' last transmission, at 2030 GMT on Tuesday, included personal farewells from journalists on "a very emotional day," BBC World Service producer Kristian Klima said. On Friday the Polish section will deliver its last broadcast. The BBC report says that the sombre song *The End* by the 1960s group *The Doors* has featured in the Polish section's final broadcasts. BBC Bulgarian service to close on 23 December. (RNMN Weblog December 21, 2005 posted by AS; via JKB)

Looking back on *BBC's Hungarian Service*. It will close later this month. "The BBC's broadcasts differed in tone from RFE's fiercely anti-Communist broadcasts." hvg.hu, 2 December 2005. (Kim Andrew Elliott discussing International Broadcasting and Public Diplomacy at his website; via JKB)

USA: The United States will consider expanding its broadcasts to North Korea [DPRK] and providing literature for its people to learn about the outside world, a US government report said Sunday [13 November]. The State Department report to Congress said non-governmental organizations have proposed a number of ways to reach the people in North Korea, an isolated communist country. They include expanding Korean-language broadcasting, increasing medium wave radio broadcasts, and providing radios or other devices capable of receiving foreign broadcasts in North Korea, it said. Providing literature from outside North Korea and recording programming onto cassette and video tapes for use in the country have also been proposed, it said. "The Department of State would explore these and other proposals through a formal process to determine which would be the most effective programmes in reaching an audience inside the DPRK without involuntarily putting people in danger of increased harm at the hands of authorities," the report said. DPRK stands for the Democratic People's Republic of Korea, North Korea's official name. Under the North Korea Human Rights Act of 2004, the State Department was required to submit a report to Congress on its activities aimed at promoting freedom of information in the communist country. But the report shows the United States has yet to take specific steps to follow up on the act, which went into effect early this year. It allows the US government to spend up to 24 million dollars annually until 2008 to help improve the dire human rights conditions in North Korea. The report said no funds have yet been appropriated. "The US government does not currently engage in or fund any programmes, covert or otherwise, that provide the means through which persons inside the DPRK could receive information from outside the country (e.g. importation of radios or other hardware)," it said. The report cites a survey conducted over the last three years by InterMedia, a media research organization, indicating that North Koreans obtain information through televisions and radios. "Additionally, a high percentage of these individuals report having owned cassette players in the DPRK, and indicated that they obtained tapes smuggled into the country from China to learn South Korean songs," it said. A number of North Koreans have cell phones that use a Chinese operating system in border regions. Some individuals have also modified their televisions and radios to receive foreign broadcasts. "Individual and NGO accounts indicate that, to avoid punishment for possessing illegal radios, some North Koreans own two radios: one with a fixed dial that they can show to the authorities, and one that they hide that has been modified to receive foreign broadcasts," the report said. The US currently funds Korean-language broadcasting into North Korea through Voice of America (VOA) and Radio Free Asia (RFA). The VOA and RFA broadcasts collectively run from 5 a.m. until 8 a.m. and from 10 p.m. until 2 a.m. (RNMN Weblog November 14, 2005 posted by AS, Source: Yonhap news agency, Seoul, in English 0433 gmt 14 Nov 05 via BBC Monitoring; via JKB)

More news from former **VOA transmitting sites**. Request that opening of casino at former VOA Poro, Philippines, site be delayed until after Catholic bishops' conference. INQ7.net, 30 December 2005. (Kim Andrew Elliott discussing International Broadcasting and Public Diplomacy at his website; via JKB)

According to Michigan-based US newspaper the Midland Daily News, the **Ku Klux Klan** is planning to start shortwave broadcasts. Thomas Robb, who co-hosts "This is the Klan" on a public access TV channel in Midland said the Klan is always recruiting, just like other groups wanting to reach people. He said people learn about the Klan's site through local efforts, such as placing fliers in newspapers and distributing contact cards. He said the Klan also is looking to get into shortwave radio broadcasts this fall. (RNMN Weblog October 31, 2005 posted by AS; via JKB)

WRMI Station Manager Jeff White reports that as of 6 pm Eastern Time (2300 UTC) Sunday, WRMI (Radio Miami International) is back on the air to the Caribbean and Latin America on 9955 kHz, and has resumed its normal schedule on this frequency. WRMI hopes to resume normal operations to North America by Tuesday, using a temporary antenna as the Log Periodic was severely damaged by Hurricane Wilma and repairs could take several weeks. (RNMN Weblog November 07, 2005 posted by AS; via JKB)

WRMI back on 7385 kHz to North America Jeff White, General Manager of WRMI Radio Miami International advises: "We finally got our North American service on 7385 kHz back on the air last night, so all programming is normal now. We're still using a temporary antenna for 7385 kHz until the regular one gets repaired in about two weeks' time. Initial reports on reception of 7385 in North America with the temporary antenna are quite good." (RNMN Weblog November 18, 2005 posted by AS; via JKB)

UZBEKISTAN: Winter B05 for **CVC International** via Tashkent (OTAC):

English to India

0100-0300 on 7355 TAC 100 kW / 131 deg

0300-0600 on 13685 TAC 100 kW / 131 deg

Hindi to India

0100-0400 on 9570 TAC 100 kW / 153 deg

0400-1100 on 13630 TAC 100 kW / 153 deg

1100-1400 on 9500 TAC 100 kW / 153 deg

1400-1700 on 9855 TAC 100 kW / 153 deg

(OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)

Dave Kernick reports: The first two domestic radio channels of the **Uzbek State Television and Radio Company** (Uzteleradio) are now available streamed live online from the company's main website at <http://www.teleradio.uz>. The "Uzbekistan" and "Yoshlar" channels are streamed at 20 kbps mono in MP3 format via an embedded Windows Media Player. The website can be viewed in either English, Russian or Uzbek editions, and also offers on-demand video files of Uzteleradio TV news reports in those three languages, in both 28 kbps dialup and 256 kbps broadband quality. Prominent on the homepage is a link to the website of Uzteleradio's multilingual external service, Radio Tashkent International. This website is also available in English, Russian and Uzbek, and includes shortwave frequency details, programme guides, and a live audio stream. Uzteleradio operates four domestic radio networks, mostly in Uzbek and Russian, on the following schedule:

1st Channel: "Uzbekistan" at 0000-2000 UTC

2nd Channel: "Yoshlar" at 0000-2000 UTC

3rd Channel: "Mash'al" at 0000-2100 UTC

4th Channel: "Do'stlik" at 0000-2000 UTC (includes some Kazakh, Kyrgyz and Tajik programming, + 8 hours relay of Russia's Radio Mayak)

Radio Tashkent International airs 30-minute programmes in English at 0100, 1200, 1330, 2030 and 2130 UTC. The station also broadcasts programmes in Arabic, Dari, German, Hindi, Mandarin, Pashto, Persian, Turkish, Uighur, Urdu, and Uzbek.

(RNMN Weblog December 14, 2005 posted by AS; via JKB)

In a letter received by **Radio Free Europe/Radio Liberty (RFE/RL)**, the Ministry of Foreign Affairs of the Republic of Uzbekistan "refuse[d] prolongation of the accreditation" under which RFE/RL has, since 1996, been allowed to operate a office in the Uzbek capital of Tashkent. In addition, the Uzbek Ministry of Foreign Affairs has suspended the individual accreditations of four journalists working for RFE/RL's Uzbek, Turkmen, Tajik and Kazakh Services in Uzbekistan. The Chairman of the US Broadcasting Board of Governors (BBG), Kenneth Y Tomlinson, condemned the Uzbek government's decision. "It is a disturbing

development," he said, "which places the government of Uzbekistan at odds with international norms of press freedom." He also deplored the harassment of other foreign journalists by Uzbek authorities in recent months. RFE/RL Acting President Jeffrey N Trimble pointed out that "This unwarranted action by Uzbek authorities further erodes the already dismal state of free speech in Uzbekistan, and is yet another attack by the Karimov government on the basic human rights of the Uzbek people." Trimble also noted that, "While hindered, RFE/RL will not be deterred in its efforts to report accurately and objectively about events in Uzbekistan to the people of that country and throughout Central Asia and the rest of our broadcast region." Notice of the refusal of accreditation was received at RFE/RL's broadcast center in Prague, Czech Republic on Monday morning (December 12, 2005). The letter, written in response to one sent on August 30, 2005 by former RFE/RL President Thomas A Dine, comes more than four months after the bureau's annual accreditation expired on August 4, 2005. No official communication had been received by either the RFE/RL Tashkent Bureau or RFE/RL management in Prague or Washington concerning accreditation renewal prior to today's letter. RFE/RL had continued to operate the Tashkent Bureau, at a reduced level, after the August expiration of its accreditation - in accordance with experience from previous years, when re-accreditation was delayed but made retroactive to the date of the last expiry. RFE/RL's Uzbek Service and its correspondents in Uzbekistan have been dealing with increasing pressure and harassment from Uzbek authorities and state-owned media outlets since the mass unrest that broke out in the city of Andijon on May 12-13, 2005. RFE/RL correspondents provided independent news coverage of the unrest in Andijon, during which rights groups allege that hundreds of civilian demonstrators were killed by Uzbek government forces. Since then, at least nine Uzbek Service correspondents and their families have received threatening phone calls, been interrogated by security officers, had recording equipment confiscated or been physically beaten (a chronology of harassment can be found on the RFE/RL website). (RNMN Weblog December 13, 2005 posted by AS; via JKB)

VATICAN: Pope Benedict has appointed Jesuit Father Federico Lombardi as the new director-general of *Vatican Radio*. Father Lombardi succeeds Father Pasquale Borgomeo whom the Holy Father thanked for his long and dedicated service to the station. Father Lombardi, who's a native of the northern Italian city of Turin, has been director of programming at Vatican Radio for the past 15 years. (RNMN Weblog November 06, 2005 posted by AS, Source: Vatican Radio; via JKB)

ZAMBIA: Winter B05 for *Christian Voice* via Lusaka (=LUS):

English to South and Central Africa

0400-0800 on 6065 LUS 100 kW / non-dir

0800-1700 on 9865 LUS 100 kW / non-dir

1700-0400 on 4965 LUS 100 kW / non-dir

(OBSERVER #395, Ivo Ivanov and Angel Datzinov, via WB, 20 December 2005)

ZIMBABWE: Reacting to the systematic interference of the Zimbabwean independent radio station *Voice of the People* (VOP) since 18 September, Reporters Without Borders voiced outrage today at a campaign to jam dissident radio broadcasts which the Zimbabwean authorities are clearly orchestrating with Chinese help. The press freedom organization pointed out that this "state sabotage" of VOP comes three years after it was the target of a still unsolved bombing in the heart of Harare. "Robert Mugabe's government has once again shown that its policy is to systematically gag all independent news media," Reporters Without Borders said. "The use of Chinese technology in a totally hypocritical and non-transparent fashion reveals the government's iron resolve to abolish freedom of opinion in Zimbabwe." The press freedom organization added: "We reiterate our belief that Zimbabwe's progressive submission to the dictatorship of a single view is being made possible by the incomprehensible failure of the great African democracies to take a stand against this behavior by the Harare government." VOP beams a radio programme to Zimbabwe every evening from 1700 to 1800 UTC on 11705 kHz via the Radio Netherlands Madagascar relay station. "Our signal is no longer as clear as it is supposed to be," a VOP employee told Reporters Without Borders. "There is a funny noise and this is affecting our evening programme. We can say we are being jammed." The VOP staff suspect that the government is using sophisticated jamming equipment imported from China. This hour of VOP programming has offered the sole opportunity on shortwave for Zimbabwean listeners to tune into to an alternative to the Zimbabwe Broadcasting Corporation (ZBC) ever since deliberate jamming of the London-based exile station SW Radio Africa began in February. SW Radio Africa is no longer able to broadcast on the short wave. Voice of the People was created in June 2000 by former ZBC employees with help from the Soros foundation and a Dutch NGO, the HIVOS foundation. The police raided its studio in Harare on 4 July 2002 and took away equipment. It was then the target of a bombing on 29 August 2002 which wrecked the entire studio. It was nonetheless able to resume broadcasting. A frequently-used jamming technique is to broadcast a noise on the same frequency as the target signal using another radio station's transmitters. The power and location of these transmitters determine the area where the jamming is effective. According to the information obtained by Reporters Without Borders, VOP can now only be heard in the rural part of Matabele Land, an area not covered by Zimbabwe's public radio station. This suggests that the noise jamming VOP's programmes is being broadcast by the Zimbabwean authorities using the public radio station. These illegal practices, which violate international regulations governing telecommunications, are

one of the specialties of the Chinese government. Jamming is standard practice in China, especially the jamming of Tibetan radio stations and foreign radio stations beaming programmes to the west of the country. A Reporters Without Borders release described this policy as the "Great Wall of the airwaves." According to a source in Zimbabwe, a number of Chinese intelligence officers have been stationed in a luxury hotel in Harare since January. Chinese experts have been invited to give training in telecommunications and radio communications to Zimbabwean technicians under economic and technical cooperation accords signed between China and Zimbabwe. Zimbabwe's already significant relations with China have been stepped up even more as a result of its diplomatic isolation, which culminated in its departure from the Commonwealth in 2003. Ideological affinity and interest in its natural resources have prompted the Chinese to sign many political and trade accords. China has become the leading foreign investor in Zimbabwe. Their collaboration in the area of censorship may not be limited to radio broadcasts and could also extend to the pirating of websites. Reporters Without Borders has previously voiced concern about the Zimbabwean government's acquisition of equipment that could be used to monitor Internet traffic. But its expertise is almost certainly not up to using this kind of equipment, which suggests that it has subcontracted the implementation to its Chinese suppliers. (RNMN Weblog November 10, 2005 posted by AS; via JKB)

Zimbabwean police and intelligence agents yesterday raided the independent radio station Voice of the People (VOP) in the capital, Harare. Police confiscated equipment and documents and held three staff members for questioning. Local VOP staffers produce programs on a variety of community and political issues but do not broadcast directly within Zimbabwe. The programming is transmitted via shortwave from the Radio Netherlands relay station in Madagascar, and have recently been subjected to jamming. "We condemn the police raid on Voice of the People and the harassment of VOP staff," said Ann Cooper, executive director of the Committee to Protect Journalists. "Zimbabwean authorities continue to show an utter intolerance toward anyone challenging the state's monopoly on news and opinion." According to local sources, police arrived at the VOP offices with a search warrant to look for broadcasting and transmitting equipment. When staff members said there was no such equipment in the offices, the police left and returned with a reworded warrant allowing them to confiscate computers, other equipment, and files. VOP staffers Maria Nyanyiwa, Nyasha Boshu and Kundai Mugwanda were detained, but it was not immediately clear whether they would be charged. VOP was founded by former employees of the state-owned Zimbabwe Broadcasting Corporation. Its employees have long faced harassment and intimidation from Zimbabwean authorities. Yesterday's raid closely resembled a similar raid on VOP in July 2002, when police searched the VOP offices for a transmitter, broadcasting equipment, and other evidence that VOP was violating the Broadcasting Services Act of 2001, which bars stations from broadcasting without a license. The police did not find a transmitter but confiscated tapes and files from the office. In August 2002, the VOP offices were bombed by three unidentified assailants in the middle of the night. The building was demolished, though no staff members were harmed. No licences for private broadcasters have been issued in Zimbabwe. This week, a parliamentary communications committee criticized the Broadcasting Authority of Zimbabwe for failing to issue licenses to private companies. (RNMN Weblog December 16, 2005 posted by AS, Source: Committee to Protect Journalists; via JKB)

Sources & Contributors:

AIB	Association for International Broadcasting - London.
AS	Andrew Sennitt - Radio Netherlands.
BC-DX	News Bulletin by Wolfgang W. Bueschel - Germany.
DXLD	Glenn Hauser's DX LISTENING DIGEST - USA.
EDXP-NET	ELECTRONIC DX PRESS Messaging Network - Australia.
JKB	Dr. Juergen Kubiak, Berlin - Germany.
Kim Elliott	Dr. Kim Andrew Elliott < http://kimandrewelliott.com > - USA.
OBSERVER	Fortnightly edition of Radio Bulgaria's Frequency Management.
RNMN	R. Netherlands Media Network ©.
RUS-DX	Information bulletin of Russian DX League - Russia.
WB	Wolfgang W. Bueschel, Stuttgart - Germany.
WDXC-HQ	WDXC Headquarter, Michael Bethge - Germany.

Abbreviations: (see DX MAGAZINE 12/05)

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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.
693.0	2140	333	G	Radio Newcastle –upon-Tyne	English	Speed car races	1012	MF
810.0	2350	333	G	Scotland Gold	English	ID,hits	2312	MF
882.0	2040	232	G	Isle of Wight Radio	English	Casting	1012	MF
882.0	1830	333	G	Radio Stratford-upon-Avon	English	ID,News for Tourists	1012	MF
936.0	1815	222	G	Radio North West Aberdeen	English	ID,News for sailors	1012	MF
945.0	1855	221	G	South Coast Radio	English	ID,News from British South Coast	2012	MF
963.0	1900	222	G	Asian Sound	English	ID,Bangkok Airport	2212	MF
999.0	2015	333	G	Radio Red Rose	English	ID,Hit Music	1012	MF
1026.0	1630	222	G	Downtown Radio	English	ID,Today in Belfast	1912	MF
1080.0	0540	322	G	Radio Swansea	English	ID,Swansea News	1212	MF
1107.0	1650	232	G	Classic Gold Plymouth	English	Shipping in our rivers	1912	MF
1161.0	2300	211	G	BBC,Orkney Isles	English	News from the Hebriden Isles	2312	MF
1197.0	1920	222	G	Cheltenham Radio	English	ID,Atomic Cooperation	1912	MF
1260.0	0315	222	G	Radio Nottingham	English	Robin Hood	1212	MF
1332.0	2225	222	G	Capital Gold.Stratford	English	Christmas concert	2312	MF
1332.0	2240	322	G	Classic Gold,Cambridge	English	Oldies	2312	MF
1341.0	1850	222	G	Magic Barnsley	English	Holy Story	1812	MF
1341.0	1700	332	G	Radio Widmork	Englishq	ID,News	1912	MF
1359.0	1910	222	G	Silent Gold	English	ID,Christmas Presents	1912	MF
1359.0	1715	222	G	Capital Gold	English	ID,Scottish Immigrants	1112	MF
1368.0	1750	222	G	Radio Midlands	English	Football, Chelsea Nottingham	1012	MF
1368.0	1730	333	G	Downtown Radio	English	Radio School	1112	MF
1368.0	1745	232	G	Radio Tay Gold	English	Scottish News	1212	MF
1368.0	1820	322	G	Radio Lipton	English	ID,Radio Play	1912	MF
1368.0	1830	332	G	Wildshire Sound	English	ID,Hit music	2212	MF
1386.0	2210	322	G	Radio Lincolnshire	English	ID,Lottery	2312	MF
1386.0	2200	222	G	Asian Radio	English	Chinese Christmas meal	2312	MF
1431.0	1625	232	G	Radio Greater sheffield	English	ID,Sheffield's Criminal rate	1112	MF
1458.0	2145	211	G	North West Shropshire	English	ID,Hits	2312	MF
1467.0	2130	111	G	Radio Derbyshire	English	TV Shows	2312	MF
1527.0	2115	211	G	Tay Gold,Dundee	English	Scottish Hit List	2312	MF
1602.0	2100	221	G	North Sound Aberdeen	English	North Sound News	2312	MF

TROPICAL BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
2310.0	1136	111	AUS	VL8A Alice Springs	English	Pop vocal,Talk	2012	RAD
3235.0	1141	111	PNG	Radio West New Britain	English	Talk,Island music	2012	RAD
3310.0	0944	322	BOL	Radio Mosoj Chaski	Quechua	Rustic vocal with ID	1912	RAD
3365.1	2352	111	B	Radio Cultural Araraquara	Portugese	Talk,ID,Song California Dreaming	1912	RAD
3955.0	0540	444	G	WYFR,Skelton	German	Religious Chorus	1412	WB
3955.0	1605	555	D	HCJB via Juleich	German	Religious Chorus	1312	WB
4319.0	0110	211	DGA	AFN,Diego Garcia	English	NBA Basketball Cleveland/N.Jersey	1012	RAD
4498.1	0958	211	BOL	Radio Estambul	Spanish	Bolivian vocals,Nice ID	1912	RAD
4605.0	1154	111	INS	RRI,Serui	Indonesian	Music followed by News	1312	RAD

4716.8	1002	111	BOL	Radio Yura	Spanish	Rustic song,ID	2012	RAD
4760.0	2212	222	LBR	ELWA	English	Religious talks,soft Christmas music	1912	RAD
4780.0	0223	211	GTM	Radio Coatan	Spanish	Talk,ID,Piano music segment	3011	RAD
4796.5	0925	222	BOL	Radio Mallku	Spanish	Nice flute music,ID's,vocals	1912	RAD
4815.0	0024	222	B	Radio Difusora Londrina	Portugese	Talk,Group vocals,ID	1412	RAD
4820.0	2233	222	CHN	Xizang PBS	Chinese	Talks	1912	RAD
4830.0	2201	222	CHN	China Huayi Broadcasting	Chinese	Talks,Promo Anncts.	1912	RAD
4830.1	0024	121	IND	AIR,Jammu	Hindi	Instrumental music,Talks	1912	RAD
4835.5	1042	322	PRU	Radio Mara Aon	Spanish	Talk,ID	1912	RAD
4840.0	0210	211	IND	AIR,Mumbai	Hindi	Talk,Musical segment	1912	RAD
4855.6	1105	211	PRU	Radio La Hora	Spanish	Talks	1912	RAD
4860.0	1226	111	IND	All India Radio,Delhi	Hindi	Talk followed by English News	0912	RAD
4865.0	0240	222	B	Radio Alvorada	Portugese	Religious talks,Choir vocals	1912	RAD
4895.0	1154	211	IND	AIR,Kurseon	Hindi	Vocal followed by musical fanfare	1912	RAD
4903.9	1028	111	Bol	Radio San Miguel	Spanish	Talks with ID	1912	RAD
4905.0	2240	211	CHN	Xizang PBS	Tibetan	Talk	1912	RAD
4909.2	1121	222	EQA	Radio Chaski	Spanish	ID,Long talks	1912	RAD
4915.0	2106	222	GHA	GBC	English	News	1812	RAD
4925.0	2157	111	INS	RRI,Jambi	Indonesian	Jakarta News	1912	RAD
4939.7	0121	211	VEN	Radio Amazonas	Spanish	Latin vocals,Talks,ID	0712	RAD
4950.0	0401	222	AGL	Radio Nacional de Angola	Portugese	News,ID	1912	RAD
4960.0	1145	211	IND	AIR,Ranchi	Hindi	Talks,Music	2012	RAD
4965.0	0944	111	PRU	Radio Santa Monica	Spanish	Long talks,Instrumental music	2012	RAD
4965.8	1007	111	PRU	Radio Santa Ana	Spanish	Vocals,ID	2012	RAD
4970.0	1144	111	IND	AIR,Shillong	Hindi	Talks and vocals	1912	RAD
4974.8	2314	322	PRU	Radio del Pacifico	Spanish	ID,Discussion	1812	RAD
4976.0	0405	111	UGA	Radio Uganda	English	News,ID	2911	RAD
4990.0	0404	211	SuR	Radio Apintie	Dutch	Pop & rock vocals,ID	1612	RAD
5010.0	0121	211	IND	All India Radio Thiruvananthapuram	Hindi	Talk,Flute music,News	0112	RAD
5014.4	1059	322	PRU	Radio altura	Spanish	Ad string,Canned ID	1912	RAD
5025.0	2108	333	BEN	Radio Parakou	French	Feature on Benin's workers	2712	JPT

SHORTWAVE BANDS

Frequ.	UTC	SIO	ITU	Radio Station	Language	Programme Details	Date	Rep.
5470.0	2243	322	LBR	Radio Veritas	English	Romantic vocals,ID	1912	RAD
5500.0	0431	111	ETH	Voice of Tigray Revolution	Tigrinya	Vocals and Talks	2911	RAD
5544.7	0031	111	PRU	Radio San Andres	Spanish	Talks,ID, Santa Rosa ,Lima	0812	RAD
5840.0	1740	554	RUS	Radio Prague via Armavir	German	Real estate problems	1312	WB
5855.0	1708	322	ARM	TWR via Gavar Yerevan	English/Kazak	TWR IS,ID	1312	WB
5885.0	2113	454	CVA	Vatican Radio	English	WTO Hongkong	1512	RL
5890.0	1430	222	RUS	Shiokaze,Irkutsk	Japanese	Talks	1412	WB
5930.0	2338	544	CZE	Radio Prague	English	Letter from Prague,My feet	1812	RL
5970.0	1625	322	ALB	CRI,Cerrik	German	Animal food	1312	WB
5980.0	2335	322	THA	AWR	English	The Lord is shining by China	2812	MF
5985.0	2330	322	USA	Radio Thailand	English	One year after Tsunami	2612	MF
5952.5	0952	222	Bol	Radio Pio Doce	Quechua	ID,Religious talks	1912	RAD
5995.0	0140	211	GUF	RFI	French	Marseille	0201	MF
6005.0	0125	131	CLN	SLCB,Colombo	English	Tsunami Help	0201	MF
6010.0	2000	333	IRN	IRIB	English	Islam and Bible	2512	MF
6015.0	2135	333	UAE	Radio Nederland	Dutch	Ajax Amsterdam	1612	MF
6030.0	0005	333	CLN	Deutsche Welle	English	Pakistan's Atomic program	2912	MF
6035.0	0103	222	CLM	La Voz del Guaviare	Spanish	Rhumba music, phone calls and Advts.	0812	RAD
6040.0	0050	221	UAE	Bible Voice	English	Tsunami	2512	MF
6045.0	0525	444	D	AWR,Juleich	Bulgarian	Sermon	1412	WB
6055.0	2026	322	RRW	Radio Rwanda	French	Highlife music,News	1912	RAD
6085.0	2310	322	USA	WYFR	English	Christmas	2612	MF
6090.0	0230	333	AIA	World Univ. Network	English	Preaching,ID	2812	JPT
6100.0	0425	453	CAN	Radio Prague via Sackville	English	Sports,One on One	2012	RL
6110.0	2210	322	TWN	WYFR	Chinese	Jesus is our everyday hero	2812	MF
6130.0	2240	322	TWN	BCC	Amoy	ID,Program	2812	MF
6130.0	2020	121	GAB	Africa No. 1	French	Chad	2512	MF
6145.0	0005	321	CAN	Radio Japan	English	ID,Economy of Japan,Vietnam	1812	MF
6145.0	0020	322	UAE	Gospel for Asia	Vernacular	ID,Taliban and Jesus	1812	MF
6149.8	2207	111	B	Radio Record	Portugese	Talks,Vocal selection	1812	RAD
6150.0	2320	333	SNG	Mediacorp Radio	English	Breakfast Show	2812	MF
6160.0	2205	322	KOR	RCI	Chinese	ID,Stock exchange in New York	1612	MF

6160.0	2300	322	KOR	RCI	English	Spotlight Canada	2812	MF
6165.0	1904	433	CRT	Voice of Croatia	English	News,Sports	1912	RAD
6175.0	0110	222	CAN	Voice of Vietnam	English	Ho Chi Minh Father of Vietnam	0201	MF
6190.0	0150	222	PRU	Radio Oriente	Spanish	ID,TS,News	0201	MF
6200.0	0402	454	CZE	Radio Prague	English	The Arts,Prague Spring Festival	1712	RL
6214.0	2337	111	ARG	Radio Armonia	Spanish	Romantic vocals,ID	1812	RAD
6235.0	0615	555	ALB	TWR,Shijak	Polish	IS,ID,Prayers	1412	WB
6235.0	2155	433	KWT	VOA	English	American stories,ID,pashto News	1911	RAD
6875.0	0057	555	USA	EWTN,WEWN	English	Sunday Night Live	0512	RL
6890.0	0100	454	USA	WWRB	English	ID,Program	0412	RL
7110.0	0026	111	D	IBC via Wertachtal	Tamil	Talk,ID,London address	2311	RAD
7120.0	0309	433	G	Sudan Radio Service via Woofferton	English	News,Musical Interlude	0712	RAD
7155.0	1635	222	ALB	CRI,Cerrk	German	Animal Food	1312	WB
7160.0	1910	322	AFS	RFI	French	African News	3012	MF
7190.0	1200	211	UZB	Radio Tashkent Intl.,	english	ID,Local folk music segment	2211	RAD
7230.0	0110	555	SVK	Radio Slovakia Intl.,	English	Letterbox	1912	RL
7250.0	2058	454	CVA	Vatican Radio	English	World Day of Peace	1512	RL
7255.0	2235	443	NIG	Voice of Nigeria	Hausa	Talks and rap music	2712	JPT
7290.0	0004	434	D	Deutsche Welle	English	News Link Asia	1612	RL
7290.0	1724	232	G	Leading the Way,Rampisham	Farsi	English address	1312	WB
7325.0	0042	545	AUT	Radio Austria Intl.,	English	Music,Mozart room	1712	RL
7345.0	0101	535	SVK	Radio Slovakia Intl.,	English	Weekly review	1912	RL
7345.0	0120	535	CZE	Radio Prague	English	Czech Books	1912	RL
7380.0	0618	555	ALB	TWR,Shijak	Polish	Modern Religious song	1412	WB
7400.0	0350	454	BUL	Radio Bulgaria	English	Key word Bulgaria	1912	RL
7415.0	2300	322	TJK	RFA	Tibetian	Talks jammed by chinese jammers	2812	JPT
7465.0	2133	454	USA	WWCR	English	World of Radio # 1297	1512	RL
7470.0	1530	221	MNG	RFA,Ulan Batar	Tibetian	Chinese jamming	1312	WB
7500.0	2255	434	BUL	Radio Bulgaria	English	Time out for Music	1512	RL
7515.0	1615	333	TJK	RFA,Dushanbe	Uighur	Chorus	1312	WB
7530.0	1620	322	TJK	RFA,Dushanbe	Uighur	Chorus	1312	WB
7570.0	1340	222	KRE	Voice of Korea	English	Music and Features	1912	RAD
9365.0	1742	232	PAK	Radio Pakistan,Islamabad	Urdu	Songs	1312	WB
9405.0	2226	454	PHL	FEBC,Manila	Chinese	Program	0912	RL
9430.0	0520	333	D	CVC,Wertachtal	English	Phone interview	1412	WB
9435.0	2226	454	PHL	TBC Radio, Phillipines	Chinese	Program	0912	RL
9445.0	2214	454	IND	All India Radio	English	Radio News reel,Horizons	0912	RL
9460.0	1725	222	D	BVBN,Juleich	English	Prayers	1312	WB
9465.0	1510	211	GUM	FEBC, Marpai,Saipan	Russian	Songs,Music	2612	JPT
9475.0	1435	444	AUS	Radio Australia,Shepperton	English	Aircraft ordered on Boeing	1412	WB
9520.0	1738	3432	D	IBRA,Juleich	Swahili	Nice songs	1312	WB
9525.0	0530	454	G	SDNRS Woofferton	Vernaculars	Sudanese problem	1412	WB
9525.0	1259	222	POL	Radio Polonia	English	ID,Sign on ,News & program	2211	RAD
9530.0	1540	443	UAE	AWR,Dhabbaya	English	Sermon	1312	WB
9530.0	1723	555	G	WYFR,Rampisham	Arabic	Sermon	1312	WB
9550.0	2347	534	CUB	Radio Havana,Cuba	English	Mailbag	1412	RL
9555.0	1600	343	D	Voice of Russia,Juleich	Russian	Close down	1312	WB
9565.0	1730	433	G	UN Radio,Rampisham	English	UN Radio ID,UNO News	1312	WB
9580.0	1801	545	AUS	Radio Australia	English	News,Pacific News and Beat	1512	RL
9580.0	2200	535	GAB	Africa No. 1	French	Program	1512	RL
9655.0	2010	333	AFS	AWR	English	ID,Christmas	1612	MF
9660.0	1700	333	AFS	TWR,Meyerton	Juba	Sudanese Chorus	1312	WB
9660.0	1733	333	D	IBRA,Wertachtal	Somali	Chorus	1312	WB
9700.0	0040	554	BUL	Radio Bulgaria	English	Key word Bulgaria	0412	RL
9730.0	1640	322	aFS	RFI,Meyerton	English	Chorus	1312	WB
9735.0	2215	111	J	RCI	Chinese	ID,Program	1612	MF
9755.0	0015	222	CAN	RCI	English	One Year after Tsunami	2512	MF
9770.0	2158	555	CAN	RCI	English	Maple Leaf Mailbag	1812	RL
9785.0	1608	443	UAE	GFA Dhabbaya	Vernacular	Sermon	1312	WB
9805.0	1901	454	THA	Radio Thailand	English	News hour good morning	1512	RL
9820.0	1715	333	D	Voice of Oromo Liberation,Wertachtal	Oromo	News,Talk	1312	WB
9830.0	2053	454	RRW	Duetsche Welle Radio	English	Living Planet	1512	RL
9840.0	0545	333	RUS	Radio Rossii,Moscow	Russian	Talks	1412	WB
9870.0	1537	434	NZL	RNZI	English	Mailbox	1912	RL
9875.0	1545	433	G	Solh Rampisham	Dari/Pashto	Afghani songs	1312	WB
9905.0	1535	332	PAL	RFA Palau	Mandarin	Chinese jamming	1312	WB
9915.0	0543	444	UKR	BBC,Mykolaiv	Arabic	Political Magazine	1412	WB

9925.0	1730	333	D	WYFR,Juleich	Turkish	Piano Music	1312	WB
9930.0	1658	232	AFS	TWR,Meyerton	Amharic	Flute song	1312	WB
9985.0	2200	454	USA	WWCR	English	News Watch Magazine	1412	RL
11615.0	1445	333	ALB	TWR,Shijak	Russian	IS,ID,Sermon	1412	WB
11640.0	0605	232	AFS	TWR,Meyerton	English	Sermon	1412	WB
11645.0	1558	331	D	GFA,Wertachtal	Hindi	Music	1312	WB
11645.0	1630	322	D	BVBN,Wertachtal	Arabic	Sermon with English ID	1312	WB
11660.0	1420	343	AUS	Radio Australia,Shepperton	English	Aircraft ordered on Boeing	1412	WB
11690.0	0535	333	AFS	Radio Okapi via Meyerton	French	Talk Magazine	1412	WB
11705.0	1710	443	G	SDNRS Woofferton	Sudanese	Song,Orchestra	1312	WB
11735.0	1803	333	TZA	Spice FM via Radio Tanzania,Zanzibar	English	News,ID	1911	RAD
11735.0	0940	343	B	Radio Nova Visao,Santa Maria	Portugese	Religious program	2912	JPT
11750.0	1510	333	AUS	Radio Australia,Darwin	English	Weapons withdraw	1412	WB
11785.0	1537	555	USA	WHRI	English	Dxing with Cumbre # 478	1112	RL
11810.0	1412	322	JOR	Radio Jordan	Arabic	ID,News	2611	RAD
11815.0	0855	444	B	Radio Brasil Central,Goiania	Portugese	O mundo em sua casa	2612	JPT
11835.0	1735	343	D	WYFR,Juleich	Arabic	Messais	1312	WB
11850.0	1718	555	F	Radio Taiwan Intl., via Issoudan	English	Thai workers in Taiwan	1312	WB
11865.0	1928	453	RRW	Duetsche Welle	English	Cool	1512	RL
11880.0	1809	545	AUS	Radio Australia	English	News,Pacific News and Beat	1512	RL
11890.0	1610	333	AFS	Okapi,Meyerton	Lingala	Magazine format	1312	WB
11960.0	2123	545	G	Star Radio,Monrovia,Liberia	English	Sports	1512	RL
12000.0	1410	444	CUB	Radio Havana,Cuba	Spanish	USA Latin American problems	1412	WB
12110.0	1728	333	D	VOA,Juleich	Farsi	Phone discussion	1312	WB
12125.0	1655	433	AFS	FEBA,Meyerton	Amharic	Sermon,Music	1312	WB
13675.0	1627	555	CAN	Radio Austria Intl.,	English	Postbox	1812	RL
13770.0	0550	333	THA	Radio Thailand,Udorn Thani	English	Farming Report	1412	WB
15149.8	1359	121	INS	Voice of Indonesia,Jakarta	Indonesian	Close down weak signal	1412	WB
15160.0	1645	333	AFS	RFI,Meyerton	English	Songs	1312	WB
15170.0	0705	232	AFS	RFI,Meyerton	French	Morning Show	1412	WB
15255.0	0600	232	AFS	Channel Africa,Meyerton	English	ID,News	1412	WB
15265.0	1425	232	G	Radio Solh via Rampisham	Pashto/Dari	Afghani music,ID	1412	WB
15520.0	1555	333	UAE	WYFR Dhabbaya	English	Jesus wash my foot	1312	WB
15575.0	1550	433	G	SDNRS Woofferton	Sudanese	Talks	1312	WB
17695.0	0700	343	AFS	BBC Meyerton	French	Phone in Magazine	1412	WB

Thanks a lot to our club members for your contributions:

JPT : Jose Pedro Turner, Gondomar, Portugal. SONY SW-77 & SONY-7600GR with 25 metres long wire, ATU, preselector etc.
 MF : Michael Frese, Osnabrueck, Germany. SONY ICF SW-7600G with Telescopic 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.
 WB : Wolfgang Bueschel on holiday in Isla Canela, Spain with SONY ICF 2001, 12 metres long wire & telescopic antenna.

Dear Friends,

First of all I like to wish all our members a Very Happy New Year 2006.

I apologise that the printed version of December Logbook is included in the January edition of DX Magazine along with this Logbook. It was due to the fact that I was away from my home and I unable to send my Logbook to be incorporated in the printed version, the only solace being it was in the electronic version which many of our members receive.

The weather is really changing. My location in Canada is having less of snow with mild weather which is unusual for this time of the year. But lots of snowstorms elsewhere.

Please keep the loggings pouring in.

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
Abu Dhabi	AWR Relay	C	24 d	11945 khz		MH
Alaska	KNLS	C	56 d	9655 khz		MH
Albania	TWR Europe	C	22 d	11865 khz		TP
Antigua	DW Relay	C	78 d	12045 khz	v/s Horst Scholz	MH
Antigua	DW Relay	C	28-80 d	6100 khz	v/s Horst Scholz	MH
Ascension Is	Radio Japan Relay	C	100 d	11855 khz	v/s T. Sato	MH
Australia	Radio Australia	C	85 d	11650 khz	v/s Ian Johnston	MH
Australia	Radio Australia	C	103 d	21740 khz	v/s Ian Johnston	MH
Australia	Radio Australia	C	56 d	6020 khz	v/s Ian Johnston	MH
Australia	Radio Australia	C	88-143d	9550 khz	v/s Ian Johnston	MH
Australia	Radio Australia	C	41-89 d	9475 khz	v/s Ian Johnston	MH
Austria	Radio Austria Int.	L	19 d	13730 khz		MH
Austria	Radio Austria Int.	L	15 d	5945 khz		MH
Belarus	Radio Minsk	C	33 d	7210 khz		MH
Belarus	Radio Minsk	C	65 d	5970 khz		MH
Belarus	Radio Belarus	C			v/s Larisa Suez	MH
Botswana	VOA Relay	C	100 d	17895 khz		MH
Botswana	VOA Relay	C	26 d	9885 khz	v/s O.Brandin	MH
Bulgaria	Radio Bulgaria	C	68-243 d	7500 khz		MH
Canada	Radio Netherlands Relay	C	28 d	15520 khz		MH
Canada	Radio Japan Relay	C	32 d	11705 khz	v/s Y. Takahashi	MH
Canada	DW Relay	C	60 d	6100 khz	v/s Horst Scholz	MH
Canada	RCI	C	44 d	9515 khz	v/s Bill (bear) Westenhaver	MH
Canada	RKI Relay	C	120-172	9560 khz	v/s Seulki	MH
Canada	RVI Relay	C	17 d	15230 khz		MH
Canada	CRI Relay	C	97-387	9560 khz		MH
Canada	DW Relay	C	28 d	11990 khz	v/s Horst Scholz	MH
Canada	RKI Relay	C	44-155 d	9560 khz		MH
Canada	CRI Relay	C	52 d	6040 khz		MH
Canada	RKI Relay	C	82-174d	9560 khz	v/s Seulku	MH
Canada	RKI Relay	C	31-112d	9560 khz		MH
Canada	CRI Relay	C	50 d	9790 khz		MH
China	CRI	C	33-387	6020 khz		MH
China	China Radio Int	C	44-50 d	13600 khz		MH
Cuba	Radio Havana Cuba	C	127 d	9820 khz		MH
Cuba	CRI Relay	C	33-387	5990 khz		MH
Cuba	CRI Relay	C	52 d	5990 khz	v/s Ying Lian	MH
Cuba	CRI Relay	C	44-50 d	9580 khz		MH
Cyprus	CYBC	C	53 d	6180 khz		MH
Czech Rep.	Radio Prague	C	15-423 d	5930 khz	v/s Bad	MH
Czech Rep.	Radio Prague	C	12 d	6200 khz		MH
Ecuador	HCJB	C	215-390	9745 khz	v/s Curtcole.	MH
Ecuador	HCJB	C	139-177	15140 khz	v/s John E. Beck	MH
Ecuador	HCJB	C	39 d	9745 khz	v/s John E. Beck	MH
Ecuador	HCJB	C	254 d	11980 khz	v/s John E. Beck	MH
Ecuador	HCJB	C	86-155 d	12005 khz	v/s Curt cole.	MH
Ecuador	HCJB	C			v/s Douglas Webber	MH
England	Radio Japan Relay	C	30 d	6115 khz	v/s T. Sato	MH
Eur. Russia	CRI Relay	C	33-387	7170 khz		MH
Eur. Russia	Voice of Tatarstan	C	37 d	11925 khz	v/s Ilous Ibatullin	MH
Fr. Guiana	CRI Relay	C	21 d	13685 khz		MH
Fr. Guiana	Radio Japan Relay	C	30 d	11895 khz	v/s T. Sato	MH
Fr. Guiana	CRI Relay	C	30 d	9755 khz		MH

Gabon	Radio Japan Relay	C	55 d	17755 khz	v/s T. Sato	MH
Germany	DW	C	106 d	9545 khz	v/s Horst Scholz	MH
Germany	DW	C	135 d	13780 khz	v/s Horst Scholz	MH
Germany	RTBF Relay	C	38 d	17570 khz		MH
Germany	IBRA Relay	C	110 d	15450 khz		MH
Germany	AWR Relay	C	166 d	15235 khz		MH
Germany	SudWestrundfunk	C	34 d	7265 khz	v/s Dieter Langel	MH
Germany	SRI Relay	C	36 d	9775 khz		MH
Germany	Radio Santec Relay	C	15 d	11840 khz		MH
Germany	RTBF Relay	C	30 d	17570 khz	v/s P. Login	MH
Germany	DW	C	80-160	6145 khz	v/s Horst Scholz	MH
Germany	DW	C	10 d	13780 khz		TP
Germany	R. Freundesdienst	C	45 d	1440 MW	Calendar 2006, info, leaflets.	TP
Greece	Voice of Greece	C	45 d	15630 khz		MH
Greece	RFE-RL Relay	C	267 d	9715 khz		MH
Greece	Voice of Greece	C	15-291d	5865 khz		MH
Greece	VOA Relay	C	53 d	9635 khz		MH
Greece	Voice of Greece	C	26 d	9420 khz		MH
Greece	Voice of Greece	C	28-330d	5865 khz		MH
Guam	AWR Relay	C	29 d	11980 khz	v/s Adrian M. TPon	MH
Hawaii	KWHR	C	535 d	17650 khz	v/s K.L. Slikna	MH
Hungary	Radio Budapest	C	35 d	9580 khz		MH
Iran	VOIRI	C	150-380	9710 khz		MH
Israel	Kol Israel	C	18 d	9345 khz		TP
Italy	RAI Rome	C				MH
Japan	Radio Japan	C	30 d	17825 khz	v/s T. Sato	MH
Japan	Radio Japan	C	21 d	17585 khz	Calendar, schedules.	TP
Kazakhstan	DW Relay	C	106 d	17485 khz	v/s Horst Scholz	MH
Korea	KBS	f/d cd	26 d	9870 khz		SC
Lithuania	Radio Vilnius	C	50 d	7325 khz		MH
Madagascar	Radio Netherlands Relay	C	50 d	9890 khz		MH
Monaco	TWR Monaco	C	56 d	9870 khz	v/s B.Chick	MH
Mongolia	VO Mongolia	f/d cd	23 d	12085 khz	v/s Z Densmaa	SC
N. Antilles	AWR Relay	C	13 d	6165 khz		MH
N. Mariana Is.	RFA Relay	C	137 d	11905 khz		MH
Netherlands	Radio Netherlands	C	54 d	9895 khz		MH
New Foundland	CKZN	C	131 d	6160 khz	v/s Keith Durnford	MH
New Zealand	RNZI	C	52 d	17675 khz		MH
New Zealand	RNZI	C	50 d	15720 khz		MH
North Korea	Voice of Korea	C	79 d	7570 khz		MH
Norway	Radio Denmark Relay	C	15-19 d	15735 khz	v/s Erik Koie	MH
Philippines	VOA Relay	C	23 d	9760 khz		MH
Philippines	VOA Relay	C	190 d	15355 khz		MH
Portugal	Radio Diffusao Portugal	C	40-124d	11905 khz		MH
Portugal	DW Relay	C	74 d	6075 khz	v/s Horst Scholz	MH
Portugal	Radio Diffusao Portugal	C	37 d	13660 khz	v/s Christiane	MH
Portugal	DW Relay	C	28-156 d	6075 khz	v/s Horst Scholz	MH
Portugal	Radio Diffusao Portugal	C	42-335d	9410 khz	v/s Christiane	MH
Portugal	Radio Diffusao Portugal	C	122 d	13700 khz	v/s Christiane	MH
Romania	Radio Romania Int.	C	36 d	11940 khz		MH
Romania	Radio Romania Int.	C	310-344	5955 khz		MH
Romania	Radio Romania Int.	C	67-118d	7105 khz		MH
Romania	Radio Romania Int.	C	84-159d	9690 khz		MH
Romania	Radio Romania Int.	C	109 d	6140 khz		MH
Romania	Radio Romania Int.	C	49-52d	6130 khz		MH
Romania	Radio Romania Int.	C	52 d	6140 khz		MH
Romania	Radio Romania Int.	C	49-126 d	9615 khz		MH
Russia	DW Relay	C	106 d	9900 khz	v/s Horst Scholz	MH
Russia	RVI Relay	C	15 d	9865 khz		MH
Russia	Denge Mesopotamia TDP	C	60 d	11530 khz		MH

Rwanda	DW Relay	C	60 d	11945 khz	v/s Horst Scholz	MH
Rwanda	DW Relay	C	28-160 d	11690 khz	v/s Horst Scholz	MH
S. Africa	AWR Relay	C	172 d	12130 khz		MH
S. Africa	UN Radio Relay	C	48 d	21535 khz		MH
S. Africa	AWR Relay	C	29 d	15365 khz		MH
S. Korea	Radio Korea Int.	C	44-155 d	9870 khz		MH
S. Korea	Radio Korea Int.	C	82-174d	9870 khz	v/s Seulku	MH
Slovakia	Radio Slovakia Int.	C	26-86 d	5980 khz		MH
Slovakia	Radio Slovakia Int.	C	26 d	9440 khz		MH
Slovenia	Radio Slovenia	C	39 d	918 MW		TP
Sri Lanka	VOA Relay	C	31 d	15730 khz		MH
Sri Lanka	VOA Relay	C	37 d	9335 khz		MH
Sri Lanka	DW Relay	C	135 d	9655 khz	v/s Horst Scholz	MH
Sri Lanka	DW Relay	C	80 d	9655 khz	v/s Horst Scholz	MH
Sweden	Radio Sweden	C	43-332d	9490 khz		MH
Taiwan	WYFR Relay	C	24 d	11560 khz		MH
Taiwan	Radio Taiwan Int	C	13 d	7520 khz	Information.	TP
Taiwan	RTI	f/d cd	26 d	11815 khz		SC
Thailand	Radio Thailand	C	102 d	13695 khz	v/s Amporn Samosorn	MH
Thailand	IBB	f/d cd	24 d	7125 khz		SC
Thailand	BBC WS	f/d cd	33 d	15310 khz	v/s Mr. Eakkalak K	SC
Turkey	Voice of Turkey	C		5960 khz		MH
Turkey	Voice of Turkey	C	37 d	9460 khz		MH
Turkey	Voice of Turkey	C	39-180d			MH
Turkey	Voice of Turkey	C	55 d	6015 khz		MH
Turkey	Voice of Turkey	C	36 d	9560 khz		MH
Turkey	Voice of Turkey	C	27-316	5960 khz		MH
Ukraine	Radio Ukraine Int.	C	42 d	5905 khz		MH
Ukraine	Radio Ukraine Int.	C	51 d	5905 khz		MH
USA	Voice of Greece Relay	C	45 d	11730 khz		MH
USA	ERA5-Relay	C	20-50d	9690 khz		MH
USA	RTI Relay	C	159-215	15600 khz		MH
USA	KJES	C	148 d	11715 khz		MH
USA	VOG Relay	C	26 d	17705 khz		MH
USA	WTJC	C	23 d	9370 khz	v/s D. Robinson	MH
USA	WBCQ the Planet	C	36 d	7415 khz		MH
USA	WBCQ the Planet	C	12 d	7415 khz	v/s Allan H. Weiner	MH
USA	WWCR	C	57-534 d	5070 khz	v/s Mildred Mindon-Hall	MH
USA	KJES	C	204 d	11715 khz		MH
USA	ERT Relay	C	28-327d	17705 khz		MH
USA	WBCQ the Planet	C	35 d	7415 khz	v/s A.H. Weiner	MH
USA Pirate	WHYP	L	107 d	6925 khz	Merlin ON. Canada Mail drop.	MH
Uzbekistan	RVI Relay	C	15 d	17695 khz		MH
Vatican City	Vatican Radio	C	43 d	13765 khz		MH
Vatican City	Vatican Radio	C	79-367d	5890 khz		MH
Vietnam	Radio Vietnam	C	40 d	9725 khz	schedules.	TP

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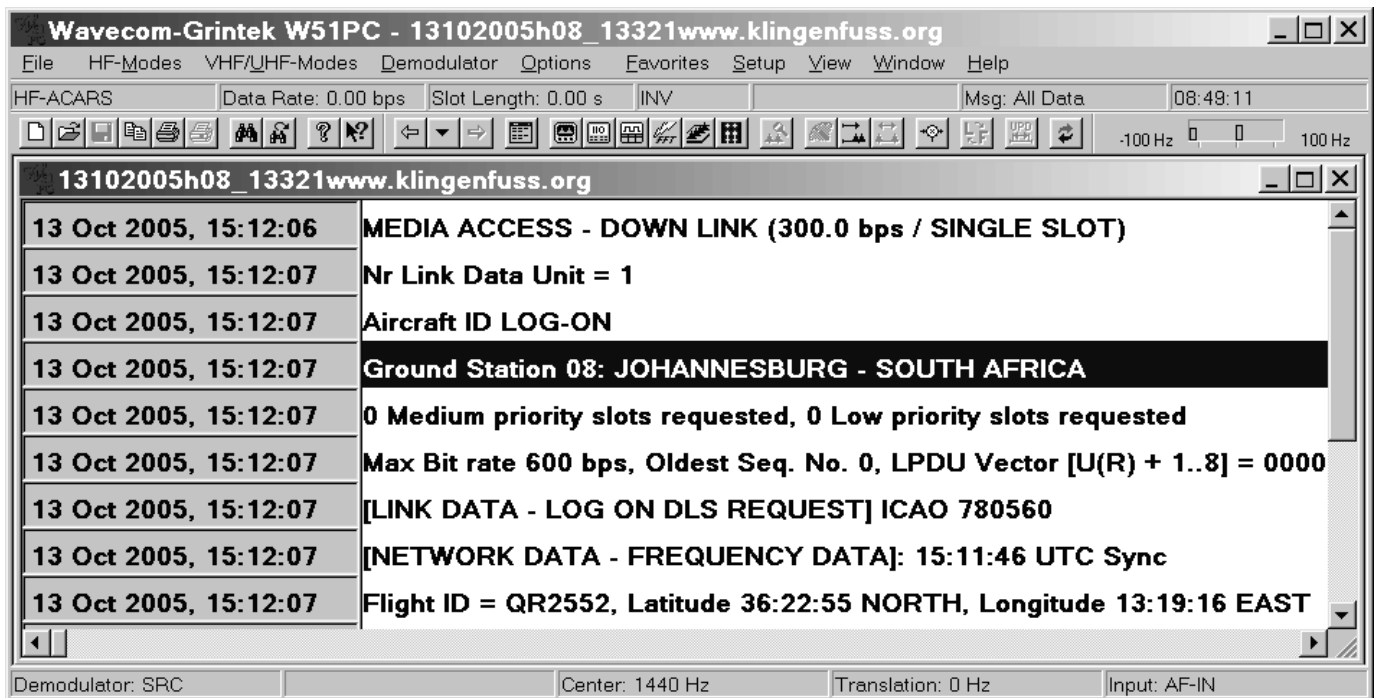
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