



Monitoring System

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The monthly newsletter for Region 1

April 2009

The members of the IARUMS Region 1 Monitoring Team:



Acknowledgements

++ ARI: DH7SA – Salvatore ++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ EARA: SU1KM – Mohamed ++
++ IRTS: EI4GXB - Ger ++ MARL: 9H1M – Dominic ++ MRASZ: HA7PL - Laci ++ NARS: 5N9AYM – Yusuf ++
++ OEVSU: OE3DMA – Alex ++ RAL: OD5RI – Riri ++ REP: CT4AN – Jose and CT1JTQ – Angelo ++
++ RSGB: G4BOH - Chris ++ SARI: ZS4SM - Malcolm ++ SRAL: OH2BLU - Pekka ++ URE: EA1AHO - Jose ++
++ USKA: HB9CET - Peter ++ VERON: PA0GRU - Dick ++ G3VZV – Graham (satellite intrusions) ++
++ TG9AJR – Juan (Co-ordinator Region 2) ++ VU2UR - Arasu (Co-ordinator Region 3) ++
++ DF8FE – Martin (Webmaster assistance) ++ DL8AAM ++ DJ7KG ++ DF5SX ++ DK4VW - Ulli (DARC-HF-Department) ++
++ DARC (server support) ++ various European PTTs ++ IARU Region 1 assistance ++
++ PB2T – Hans (IARU R1 President) ++ G3PSM - Colin (EC-IARU-R1) ++

Part 1: News and infos

Part 2: Detailed reports from the national co-ordinators

Screenshots and measurements: DK2OM with Wavcom decoders or Perseus

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Part 1: News and Infos

- 1. Strong interference by a neighbored Plasma TV – the endless story ...**
My daily monitoring work is severely affected by a neighbored Plasma TV since more than one year. The range from 100 kHz to 30 MHz is concerned from 07 – 24 UTC and later!
- 2. WX-fax on 7089.8 kHz**
The WX-fax on 7089.8 kHz is still active, but 1 hour earlier as before (now at 1238 utc).
Parameters: 60 rpm and IOC 576. Location: Sevastopol, Ukraine.
An official complaint of the German PTT (BNetzA) was disregarded.
- 3. BC on 7100 – 7200 kHz**
Many SWLs and HAMs sent us their reports and observations. Only few BCs left our new exclusive range. We hope that more will follow until the end of the year.
DJ9KR has collected and evaluated all datas. Great job, dear Uli! We will keep you informed.
On 7165 / 7175 kHz Radio Ethiopia is disturbing Radio Eritrea by white noise transmissions daily.
Detailed infos: <http://www.iarums-r1.org> left side “Illegal BC on 7100 – 7200”!
- 4. Chinese system PRC4+4 on 7 MHz**
I found the Chinese system PRC4+4 several times on 7000.3 kHz in the evening hours. Parameters: 8 x 75 Bd QPSK in traffic condition.
- 5. New member “NARS”**
5N9AYM – Yusuf – is the new MS Co-ordinator of the “Nigeria Amateur Radio Society”.
Yusuf is welcomed to our growing Monitoring Team (now 17 members!)
- 6. Mohamed El Kafrawi – SU1KM – EARA MS Co-ordinator in front of his RIG:**
(You can see our homepage on his screen. Well done, dear Mohamed.)



- 7. Please visit the following Wikipedia Webpage (concerning Amateurradio)! You will find a very helpful overview.**
http://en.wikipedia.org/wiki/International_Amateur_Radio_Union
- 8. Homepage IARU Region 1** <http://www.iaru-r1.org/> **new and excellent! – see below**
Homepage IARUMS Region 1 <http://www.iarums-r1.org>
Homepage IARUMS Region 2 <http://www.intruder-watch.org/> **new and excellent!**
Homepage IARUMS Region 3 <http://www.iaru-r3.org/ms/>

Part 2: Detailed reports from the national Co-ordinators

DD = day *** MM = month *** dly = daily *** vt = various times *** vd = various days *** pps = pulses per second (radar systems) *** BD = Baud *** SH = Shift *** Mode = mode of transmission *** A3E = AM *** A1A = CW *** J3E-U = USB *** J3E-L = LSB *** FSK (F1B) = frequency shift keying *** PSK = phase shift keying *** MPSK12 (J7D) = 12 channel phase shift keying *** ALE (MIL-188-141A) = automatic link establishment *** MUX = multiplex *** Ui (uniden) = unidentified *** Illicit = illegal *** UiILL = unidentified illegal *** BC = broadcast *** MIL = military *** PTR = printer *** NGO = non governmental organization *** ITU = ITU country abbreviation *** PRC = People's Republic of China *** PLA = People's Liberation Army *** MFA = Ministry of Foreign Affairs *** MOI = Ministry of Interior *** MOPO = Ministry of Public Order *** IARUMS = IARU Monitoring System *** UTC = Universal Time Coordinated

ARSK MONITORING REPORT FOR April, 2009

Broadcast stations using the section 7100 to 7200 kHz of the 40 meter Amateur band are being monitored and reported to CCK for action. Ethiopia and Sudan are tentatively identified but several others are obscure. Somalia stations were as usual predominant on 40 meters, as were those in Sudan, Ethiopia and Francophone central Africa.

E.H.M. Alleyne, 5Z4NU
ARSK National IARUMS Co-ordinator

ARSK – Kenya – 5Z4NU (Ted)

H'd by	kHz	UTC	DD	MM	ITU	Identity	Mode	Details
ARSK	6999.0	vt	dly	4	ETH?	UiPHONE	J3E	Amharic. Spreads into 40 m. band.
ARSK	6999.0	0538	25	4	EA	UiPHONE	J3Eu	KiSwahili. Military, message traffic.
ARSK	7000.0	vt	*	4	SOM	Boccaro, Bossasso	J3E	Somalis. *13,
ARSK	7000.0	vt	*	4	SDN?	UiPHONE	J3E	English, KiSwahili. NGO? Message traffic, phonetics *11,20,
ARSK	7008.0	vt	dly	4	SDN	ET, M7, M10, M18, M21, M22, M125, 35,58, 32, CM, WL2	J3E J3Eu	English, vernaculars, verbal Morse.Selcal. SPLA. Both sidebands used. Also uses 6877 KHz. USB.
ARSK	7009.0	0916	11	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7011.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*1,,
ARSK	7012.0	vt	dly	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7017.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*13,
ARSK	7022.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis. *11,25,
ARSK	7024.0	0736	20	4	ZAI	UiPHONE	J3E	French, vernacular.
ARSK	7026.0	0643	1	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7026.0	0708	13	4	SDN	Twiga, T1, K1, AK,	J3Eu	NGO, English message traffic, esp. air movemets. SelCal.
ARSK	7032.0	vt	*	4	SDN	UiPHONE	J3E	S. Sudan? NGO? *13,
ARSK	7036.0	0652	28	4	SOM	UiPHONE	J3Eu	Somalis. Kismayu mentioned.
ARSK	7037.0	0651	1	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7040.0	0648	28	4	ETH?	UiPHONE	J3E	May be Amharic.
ARSK	7040.0	vt	*	4	ETH	UiPHONE	J3Eu	Amharic.*1,
ARSK	7040.0	0645	1	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7042.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*11,
ARSK	7045.0	vt	dly	4	SDN	MM, NE, NU, AA, AK, AJ, AL, AT, AO, DU, WL1, WL2, WL4,WL5,WL6, WL9, WL10, BR, WM, NU, MAJ, Ikola? Kabwe, Kalulu	J3E J3Eu	Vernacular, Dholuo? English, phonetics. SelCal. Sudan, NGO, SPLA or SNLA? Sends messages in phonetic five letter groups, probably a single-substitution cypher. Once heard sendig five letter code groups, presumablyan encrypted mssage.
ARSK	7046.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*1,
ARSK	7048.0	vt	dly	4	SDN	WA, S, T, SM,	J3E	English, vernacular, verbal Morse.

H'd by	kHz	UTC	DD	MM	ITU	Identity	Mode	Details
						AU, PK, PS, AC, BC, B3, B7, B8, B9, B15, CC, Malakal, Yambio,		NGO or SPLA? Some Arabic heard.
ARSK	7050.0	0738	20	4	ZAI?	UiPHONE	J3E	French, vernacular.
ARSK	7052.0	0539	25	4	ETH?	UiPHONE	J3Eu	Amharic?
ARSK	7057.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis. *11,
ARSK	7059.0	0743	20	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7062.0	0657	1	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	4	SDN	B1, B2, AT, K1, KT, CT, TI, BT, B2, KR, JT, P1, LL, LA, A25, BJ, RK1, RK2, KA	J3E	S. Sudan. English, & Nilotic language. NGO? Also uses 5712 KHz.
ARSK	7070.0	vt	dly	4	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein	J3Eu	Somalis. SelCal.
ARSK	7079.0	0650	28	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7092.0	0713	13	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7089.0	dly	*	4	SOM	UiPHONE	J3Eu	Somalis. Switches sidebands.
ARSK	7100.0	vt	dly	4	ERI	VOBM	A3E	Broadcast. Voice of the Broad Masses, Eritrea.
ARSK	7110.0	vt	dly	4	ETH	Addis Ababa	A3E	Broadcast, Addis Ababa, Ethiopia
ARSK	7130.0	1420	18	4	?	UiBC	A3E	Broadcast, Unidentified far eastern language.
ARSK	7153.0	0650	dly	4	SOM	UiPHONE	J3E	Somalis.
ARSK	7165.0	vt	dly	4	?	UiBC	A3E	Broadcast. African music
ARSK	7175.0	vt	dly	4	?	UiBC	A3E	Broadcast in Somali.
ARSK	7195.0	vt	dly	4	UGA	Kampala	A3E	Broadcast, Radio Uganda
ARSK	7200.0	vt	dly	4	SDN?	UiBC	A3E	Broadcast in Arabic, possibly Khartoum.

DARC – Germany – Part 1 – DJ9KR (Uli) / DK2OM (Wolf)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	1810,0	1827	19	04	J3E-U	E	UiILL	Spanish fishery
DARC	3498,0	2205	08	04	J3E-U	E	UiILL	Spanish fishery, splatters into ham band
DARC	3500,0	1854	12	04	J3E-L	I	UiILL	OP Luigi, Italian pirates, LSB used - to 3497 LSB
DARC	3500,0	1900	22	04	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	3500,0	2004	01	04	J3E-U	G	UiILL	UK fishery, very obscene to hams
DARC	3500,0	2027	18	04	J3E-U	G	UiILL	pirates in English language
DARC	3500,8	1924	16	04	J3E-U	G	UiILL	UK fishery, engine noise
DARC	3515,0	vt	vd	04	J3E-U	F	UiILL	French fishery, heard 18 23 at 0805, 1959
DARC	3520,0	1800	12	04	J3E-U	G	UiILL	UK fishery
DARC	3530,0	0907	10	04	J3E-U	F.Ea	UiILL	French fishery
DARC	3535,0	1935	01	04	J3E-U	N.Eu	UiILL	Scandinavians, male persons
DARC	3535,0	1935	27	04	J3E-U	G	UiILL	UK fishery
DARC	3540,0	1900	28	04	J3E-U	E	UiILL	Spanish fishery
DARC	3550,0	0718	14	04	A3E	F		French Lis Amateurs
DARC	3550,0	0805	dly	04	A3E	F.Ea		French Lis Amateurs
DARC	3553,0	1754	16	04	J3E-U	E	UiILL	Spanish fishery
DARC	3575,0	1836	14	04	J3E-U	I	UiILL	pirates in Italian voice
DARC	7000,0	0750	25	04	J3E-L	I	UiILL	Italian Amateurs (???) in LSB - is Out-Of-Band Operation!
DARC	7000,0	1702	07	04	J3E-U	F.Ea	UiILL	Far East pirates singing, male and female persons
DARC	7000,0	1919	30	04	J3E-U	F	UiILL	male person calling "Josephe", French language

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS		
DARC	10101,0	1534	22	04	J3E-U	CLN	UiILL	pirates from Sri Lanka		
DARC	10125,0	1900	02	04	J3E-U	MRC	UiILL	Moroccan fishery		
DARC	10135,0	1725	15	04	J3E		UiILL	OP Khalil, unid pirates in Arabic voice, using LSB and/or USB		
DARC	10136,0	0926	11	04	J3E-U	F	F6DCN	French lis amateur, SSB in Band 10, contradiction to Band Plan of IARU		
DARC	10150,0	0823	28	04	J3E-U	RUS	UiILL	2 male persons in Russian voice		
DARC	10150,0	1826	19	04	J3E-U	E	UiILL	Spanish fishery		
DARC	10150,0	1942	01	04	J3E-U	MRC	UiILL	Moroccan fishery		
DARC	10150,0	2000	13	04	J3E-U	MRC	UiILL	Moroccan pirates, engine noise, fishery		
DARC	10150,0	vt	vd	04	J3E-U	E	UiILL	Spanish fishery heard 08 09 21 27 at 1758, 1844, 1912, 2009		
DARC	14000,0	1040	01	04	J3E-U	E	UiILL	Spanish fishery		
DARC	14000,0	1316	25	04	J3E-U	As	UiILL	pirates from IND or PAK, QTE DL 090 degs.		
DARC	14000,0	1436	09	04	J3E-U	E	UiILL	Spanish fishery		
DARC	14000,0	1659	20	04	A3E	ISR	ULX	synthetic female voice, is Mossad, ISR		
DARC	14000,0	vt	vd	04	J3E-U	B	UiILL	Brasilian pirate net, heard 03 06 at 1959, 1908		
DARC	14000,0	vt	vd	04	J3E-U	CLN	UiILL	pirates from Sri Lanka, heard 06 25 at 1246 - 1415 - daily active		
DARC	14000,0	vt	vd	04	J3E-U	Af	UiILL	pirate net heard 06 07 at 2058, 2102 - French and Tribal language, one OP is "Bourki"		
DARC	14001,0	1455	26	04	J3E-L	CLN	UiILL	Tamil fishery, LSB		
DARC	14001,5	0854	29	04	J3E-U	CLN	UiILL	Tamil fishery		
DARC	14095,0	1324	28	04	J3E-U	INS	UiILL	male persons chatting and singing, fooling around		
DARC	14100,0	1334	29	04	J3E-U	INS	UiILL	male persons chatting and singing, fooling around		
DARC	14132,0	1331	29	04	J3E-U	F.Ea	UiILL	2 male persons in Far Eastern voice. S/off when aksed for call		
DARC	21000,0	1942	10	04	J3E-U	E	UiILL	Spanish fishery, engine noise, male and female persons		
DARC	21102,5	2018	24	04	J3E-U	MRC	UiILL	Moroccan fishery		

DARC – Germany – Part 2 – DK2OM (Wolf) / Dj9KR (Ui)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	1813,0	2016	07	04	J7N	POL	The Polish Pip			10 tones, location North Poland
DARC	1896,6	1531	17	04	G7D	D	UiMUX			Stanag-4285, 2k4, 8PSK, 600 bps long - is German Navy Ruegen
DARC	3500,0	**	**	**	****		Notice			The range 3500 - 3800 kHz is also allocated to the Fixed Service on a primary basis. The BC Service (Radio Korea-North) is not allowed!
DARC	3509,0	1835	23	04	F1B	RUS	UiPTR	40,5	500	system FROST1 -k 40,5 Bd - location Samara
DARC	3516,0	2001	08	04	G7B		UiMUX			frequency hopper, daily
DARC	3517,7	1954	08	04	F1B		UiPTR	75	850	unid printer system STANAG-4481
DARC	3518,9	1854	25	04	G7D		UiMUX			Link-11-SLEW, unid
DARC	3520,0	1854	29	04	G7B		UiMUX			frequency hopper
DARC	3525,0	2150	08	04	G7B		UiMUX			frequency hopper, daily at various times
DARC	3526,0	1654	18	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location South of St. Petersburg

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3529,0	1933	16	04	J7D	UKR	UiMUX	120	2600	MPSK-12, AT-3004-D, QPSK, location South of Kiev
DARC	3538,0	1912	15	04	F1B	UKR	UiPTR	81	250	unid printer, location South of Lvov
DARC	3540,9	2020	09	04	MFSK	TUR	UiMUX			unid MFSK, 600 Hz wide
DARC	3546,0	1955	14	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location west Russia
DARC	3550,0	0805	04	04	A3E	F	French Lis Amateurs			no BC but French lis Amateurs, daily
DARC	3550,0	2100	04	04	G7B		UiMUX			frequency hopper
DARC	3550,0	2118	11	04	J7D	GEO	UiMUX			MPSK-12, AT-3004-D
DARC	3550,0	vt	vd	04	A3E	F	French Lis Amateurs			no BC, but French Lis Amateurs, not conform to bandplan of IARU: no AM in CW section
DARC	3552,0	2214	08	04	F1B		UiPTR	50	250	unid printer
DARC	3553,8	2015	01	04	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, 8PSK, 600 bps long - daily
DARC	3560,1	1936	01	04	A3E	KRE	Voice of Korea (North)			daily
DARC	3567,0	1957	14	04	J7D	GEO	UiMUX	120	2600	MPSK-12, AT-3004-D, location Georgia
DARC	3569,0	1846	16	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location West of Moscow
DARC	3574,3	1825	23	04	G7D		UiMUX			Link-11-SLEW, unid
DARC	3585,0	vt	vd	04	F1C	KOR	Korean Fax			wx-fax, 120 rpm, IOC576, location Seoul, daily 1840 - 2023
DARC	3587,0	2026	27	04	FSK8	E	UiMUX	125	1750	ALE, selcalls TXX2, TWBA2 - is Guardia Civil, Barcelona
DARC	3599,5	2150	08	04	G7D		UiMUX			Link-11-slew, unid
DARC	3608,0	2006	30	04	F1B	POL	UiPTR	50	200	unid printer, location Poland, North of Warsaw
DARC	3611,8	1833	vd	04	G7D	F	UiMUX			Link-11, heard 02 - 10 at 1750 - 1945
DARC	3626,5	2154	08	04	F1B	F	FDI22	50	400	test slip
DARC	3656,0	2015	30	04	F1B	F	FDI22			test slip, Baudot - is French MIL Narbonne
DARC	3720,0	1922	15	04	FSK8		UiMUX	125	1750	Thales Skymasster, FSK8, unid
DARC	3722,0	1944	18	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	3735,0	1857	08	04	F1B	POL	UiPTR	43	500	idling, printer is located south of Warsaw
DARC	3735,0	vt	vd	04	F1B	POL	UiPTR	43	500	idling, heard 21 22 at 1819, 1838 - location South of Warsaw, daily
DARC	3747,5	1835	22	04	J7D		UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	3756,0	1938	01	04	A3E	UKR	The PIP			10 tones / second, permanent, purpose unknown
DARC	3772,8	1821	21	04	G7D		UiMUX	2k4		Stanag-4285, 2k4, 8PSK, 600 bps long - daily
DARC	3782,0	1938	01	04	F1B	POR	CTP	75	850	Navy HQ Lisbon, Baudot
DARC	3784,0	1904	15	04	F1B	BLR	UiPTR	75	250	unid printer, location North of Minsk
DARC	7000,0	1052	01	04	G7B		UiMUX			frequency hopper
DARC	7000,3	1740	03	04	PRC4+4	CHN	UiMUX	75	2240	PRC4+4, 8 x 75 Bd, QPSK
DARC	7003,0	2051	24	04	G7B		UiMUX			frequency hopper
DARC	7008,0	0737	07	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7016,0	1341	10	04	F1B		UiPTR	75	250	unid printer
DARC	7016,0	1325	28	04	G7B		UiMUX			frequency hopper
DARC	7018,0	1324	28	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7020,0	0754	03	04	A3E	F	UiBC			BC-IM, French language program
DARC	7020,0	0824	10	04	FSK8	MKD	UiMUX	125	1750	ALE, selcalls CS004A, RS0017, RS0017 - is Macedonian MIL
DARC	7020,0	vt	28	04	A3E		UiBC			unid BC heard 28 29 at 1643, 1855
DARC	7022,0	1715	06	04	F1B		UiPTR			unid printer
DARC	7030,0	1710	10	04	A3E	BLR	Radio Belarus			SP from 7120 and 7390
DARC	7030,0	1850	27	04	A3E	BLR	Radio Minsk			BC IM from 7210 / 7390
DARC	7037,0	1429	28	04	G7B		UiMUX			frequency hopper
DARC	7038,7	1600	23	04	A1A	UKR	Beacon D			Sevastopol
DARC	7038,8	0816	25	04	A1A	RUS	beacon P			location Kaliningrad - daily all day
DARC	7039,0	1600	23	04	A1A	RUS	Beacon C			Moscow
DARC	7039,1	0903	02	04	A1A	RUS	beacon A			location Astrakhan
DARC	7039,7	0755	02	04	A1A	I	IZ3DVW			unwanted beacon, daily all day
DARC	7040,5	1856	30	04	FSK8	D	DF1KBN	125	1750	Amateur-ALE, is allowed, just infor!
DARC	7078,0	1309	28	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location Samara
DARC	7088,0	1232	28	04	G7B		UiMUX			frequency hopper
DARC	7089,8	1238	28	04	F1C	UKR	UiMUX			weather fax, 60 rpm, IOC 576 - location Sevastopol
DARC	7094,0	1301	01	04	F1B		UiPTR			fast reversals, idle
DARC	7100,0	vt	dly	04	A3E	KRE	Voice of Korea (North)			heard 1830 - 2100
DARC	7105,0	2200	29	03	A3E	TWN	CBS			start program, ids, news, got off at 2259
DARC	7105,0	vt	30	03	A3E		UiBC			heard 2230 - 2245
DARC	7105,0	1901	31	03	A3E		UiBC			
DARC	7105,0	2230	31	03	A3E		UiBC			Chinese px?
DARC	7105,0	vt	dly	04	A3E	CHN	R. China Nei Menggu PBS			heard 1500 - 2245
DARC	7105,0	vt	dly	04	A3E	TWN	CBS			active at irregular times
DARC	7110,0	1530	30	03	A3E		UiBC			Far Eastern language
DARC	7110,0	vt	30	03	A3E		UiBC			0550, 0800, very weak
DARC	7110,0	vt	30	03	A3E		UiBC			heard 1333 - 1600 s/off - also 1820 - 2044
DARC	7110,0	vt	dly	04	A3E	ETH	R. Ethiopia			heard 0355 - 0500, 1500 - 2100, at 1540 found // 7165
DARC	7111,9	vt	dly	04	FSK8	USA	UiMUX	125	1750	ALE, selcalls T2Z238, 24TOC, 34TOC - heard 23 - is US MIL
DARC	7115,0	1203	30	03	A3E		UiBC			Oriental mx S9+20dB
DARC	7115,0	vt	31	03	A3E		UiBC			1653 Farsi, 1748, 1828, 1901, 1951
DARC	7115,0	vt	dly	03	A3E	CHN	Nei Menggu PBS			2150, 1605, Chinese, spurious of 7105
DARC	7120,0	vt	30	03	A3E		UiBC			heard 1204, 1552 (weak)
DARC	7120,0	vt	dly	04	A3E	CHN	Xinjian PBS			QTH: Urumqi, heard 1100, 1600 - 1833
HFCC	7120,0	vt	dly	04	A3E	CHN	Xinjian			Kirghiz 0330 - 0530, 1030

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							PBS			- 1230, location Urumqi
DARC	7122,0	vt	dly	04	F1B	RUS	RDL	50	200	printer heard all month, 0924 - 1743, 25 reports all month - Kaliningrad
DARC	7125,0	1010	18	04	J7D	LTU	UiMUX	120	2600	MPSK-12, AT-3004-D, Lithuania
DARC	7125,0	vt	dly	04	A3E	GUI	R. Conakry			heard 0715, 1705 Ar, 1831 - 1943 carrier
DARC	7125,0	vt	dly	04	A3E	CHN	Xizang PBS			QTH: Lhasa, heard 0642 - 0720, 1500 - 2245
HFCC	7125,0	vt	dly	04	A3E	CHN	Xizang PBS			Tibetan 1000 - 1805, 2050 - 0200, location Lhasa
DARC	7130,0	vt	01	04	A3E	CHN	Xizang PBS			Chinese px and also CBS, heard 1520 - 1655
DARC	7130,0	vt	dly	04	A3E	MLA	RTM Sarawak			heard 1350 - 1400 by Ron Howard CA, USA
DARC	7130,0	vt	dly	04	A3E	TWN	CBS			30 dBuV, QTE 057 degs.
DARC	7135,0	vt	dly	04	A3E	BLR	Belarus Radio-1			QTH: Mahiljou Mogilev, heard 0600, 1545, 1653, 1520 - 1855 Ru px, 1943
DARC	7140,0	1829	02	04	A3E		UiBC			heard 1447 S2, 1826 S9 German px, 1732 s/off
DARC	7140,0	1131	12	04	G7B		UiMUX			frequency hopper
DARC	7140,0	1215	19	04	A3E	KRE	Voice of Korea (North)			
DARC	7140,0	vt	dly	04	A3E	KRE	Voice of Korea (North)			fair but slipping to poor, Mandarin - report James Ronda
DARC	7140,0	vt	dly	04	A3E	RUS	Voice of Russia			QTH: Yakutsk, heard 1900 - 1500
HFCC	7140,0	vt	dly	04	RUS		Voice of Russia			Russian 1900 - 1500. Location Yakutsk
DARC	7142,0	1346	03	03	F1B		UiPTR			unid printer
DARC	7142,0	0837	05	04	F1B	RUS	UiPTR	75	250	unid printer, location west of Moscow
DARC	7142,0	0734	20	04	F1B	RUS	UiPTR	75	250	unid printer, location East Russia
DARC	7145,0	vt	dly	04	A3E	SOM	R. Hargeisa			heard 1400 - 1804 s/off
DARC	7150,0	vt	05	04	A3E		UiBC			heard 1545 2 px S7, 1851 Ar S8, 2010 carrier
DARC	7150,0	1949	08	04	FSK8	ROU	UiMUX	125	1750	ALE, selcalls GRANIT, CODRU - is Romanian MIL, daily
HFCC	7150,0	vt	dly	04	A3E	CHN	Chinese National Radio			Chinese 2150 - 1700, location Huhhot
DARC	7150,0	vt	dly	04	A3E	CHN	Chinese National Radio			QTH: Huhhot, Chinese 2150 - 1700
DARC	7153,0	0659	17	04	J7D	LTU	UiMUX	120	2600	MPSK-12, AT-3004-D, QPSK, location Lithuania
DARC	7155,0	vt	dly	03	A3E	CHN	Xinjian PBS			QTH: Urumqi, very weak at 1150, also heard 1828
HFCC	7155,0	vt	dly	04	A3E	CHN	Xinjian PBS			Chinese 0257 - 1205, location Urumqi
DARC	7160,0	vt	dly	03	A3E		UiBC			heard 0744, 0838 - 0927, 1333, 1545
DARC	7162,0	0802	03	04	F1B	RUS	UiPTR	100	250	unid printer, location Kaliningrad
DARC	7162,0	vt	vd	04	F1B	RUS	UiPTR	75	250	unid printer heard 09 25 at 1423, 0818 - location Moscow
DARC	7165,0	vt	01	04	A3E		UiBC			heard 1520 Ar, 1655

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										S9+20dB
DARC	7165,0	1709	02	04	JAM?	ETH	Ethiopia JAM			broadband noise from Ethiopia - jammer on R. Eritrea?
DARC	7165,0	vt	02	04	A3E	ERI	Voice of Broad Masses			heard 0403, 1402 S2, 1440 2 px, 1505, 1625 with rushing noise, 1831
DARC	7165,0	vt	02	04	A3E	ETH	Ethiopia JAM			heard 0403, 1402 S2, 1440 2 px, 1505, 1625 with rushing noise, 1831 - jammer on VOBM
DARC	7165,0	vt	03	04	JAM	ETH	UiBC			heard 1711 carrier with big rushing noise, 1829 S9+15dB
DARC	7165,0	01	04	04	A3E	BRM	Radio Myanma			moved to 7200
DARC	7165,0	1749	04	04	A3E		UiBC			music, S7-8, 2 tx-ers
DARC	7165,0	1445	05	04	A3E	ETH	R. Ethiopia			20 dBuV
DARC	7165,0	1545	05	04	A3E		UiBC			S7-signal
DARC	7165,0	1720	05	04	A3E		UiBC			music, S7-8, 2 tx-ers
DARC	7165,0	1640	07	04	JAM	ETH	UiJAM			broadband noise, carrier plus 2 sidebands
DARC	7165,0	1445	09	04	A3E		UiBC			Chinese ? Voice, S4
DARC	7165,0	1626	09	04	A3E		UiBC			px with jammer
DARC	7165,0	1718	12	04	A3E		UiBC			Far Eastern mx, S9+, heard 1600 - 1820
DARC	7165,0	1627	25	04	JAM	ETH	UiJAM			whithe noise 9 kHz wide, carrier with both sidebands - interfering Voice of Broad Masses, ERI
DARC	7165,0	1625	26	04	A3E	ETH	R. Ethiopia			S9+20dB, En nus 1630, at 1630 ann.: "Radio Ethiopia External Service"
DARC	7165,0	vt	dly	04	A3E	ERI	Voice of Broad Masses			strong!
DARC	7165,0	vt	dly	04	A3E	ETH	R. Ethiopia			heard 1447 2 px S7, 1735 French S9
DARC	7165,0	vt	dly	04	A3E	CHN	Nei Menggu PBS			QTH: Huhhot, Chinese ? voice, S9, 2 different tx-ers
DARC	7165,0	vt	dly	04	A3E	ERI	R. Eritrea			1715 in heavy ham, 1826
HFCC	7165,0	vt	dly	04	A3E	CHN	Nei Menggu PBS			Chinese 2150 - 1700, location Huhhot
DARC	7167,0	1516	01	04	G7B		UiMUX			frequency hopper
DARC	7170,0	1545	05	04	A3E	CHN	CNR			1445 - 1720
DARC	7170,0	vt	17	04	A3E	CHN	Xizang PBS			Lhasa, heard 1235, 1955, 2050
DARC	7170,0	1235	19	04	A3E	CHN	Xizang PBS			15dBuV
DARC	7170,0	1640	26	04	A3E	CHN	Xizang PBS			found // 4820
DARC	7170,0	vt	dly	04	A3E	CHN	Xizang PBS			QTH: Lhasa, 20 dBuV, QTE 073 degs.
HFCC	7170,0	vt	dly	04	A3E	CHN	Xizang PBS			Chinese 0900 - 1800, 2000 - 0300, location Lhasa
DARC	7175,0	1719	12	04	A3E	ERI / ETH	VOBM / R. Ethiopia			2 tx-ers at the same time, Far Eastern music, heard 1430 - 1930
Alok	7175,0	vt	dly	04	A3E	ERI	Voice of			VOBM, S7-signal, heard

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Broad Masses			1500 - 1945
DARC	7175,0	vt	dly	04	A3E	ETH	R Ethiopia			heard 1545 S9, 1851 HOA music S9, 1909
DARC	7176,0	1010	18	04	F1B	UKR	UiPTR	81	250	unid printer, location Kiev
DARC	7180,0	1403	10	04	JAM		UiJAM			rushing noise, jammer?, 10 kHz spread S8
DARC	7180,0	vt	dly	04	A3E	KRE	Voice of Korea (North)			
DARC	7180,0	vt	dly	04	A3E	CHN	China Radio 1			px in English voice
DARC	7185,0	0744	01	04	JAM?		UiJAM			unid rushing noise
DARC	7185,0	vt	01	04	A3E	CHN	CR1?			heard 1302 weak, 1520, 1555 Ch, 1655 Ch
DARC	7185,0	vt	02	04	A3E	CHN	CR1?			1135 vy weak, 1440 2 px, one // 7130, 1625 Ch px S9+20dB, 1658 2 px
DARC	7185,0	1302	04	04	JAM		UiJAM			rushing noise S7
DARC	7185,0	1750	04	04	A3E	CHN	CR1?			Chinese ? Voice, S9+
DARC	7185,0	1545	05	04	A3E	TWN	Central Broadcasting System			2 px, Ch px, S8
DARC	7185,0	1721	05	04	A3E	CHN	China Radio 1			Chinese voice, 2 tx-ers, TWN and CHN, S8
DARC	7185,0	vt	dly	04	A3E	BRM	Myanma Radio			S9+20dB signal - on 1 April moved to 7200 kHz
DARC	7185,0	vt	dly	04	A3E	TWN	Central Broadcasting System			30 dBuV, QTE 056 degs.
HFCC	7185,0	vt	dly	04	A3E	KWT	Radio Kuwait			Arabic 1800 - 2400, location Kabd
DARC	7185,0	vt	dly	04	A3E	KWT	Radio Kuwait			Arabic 1800 - 2400, location Kabd
DARC	7188,0	vt	01	04	F1B	RUS	UiPTR	81	250	printer heard 01 16 20 25 at 0950, 0842, 1035, 0735 - location Kaliningrad
DARC	7188,0	0845	23	04	F1B	RUS	UiPTR	75	250	unid printer, location Moscow
DARC	7190,0	0920	07	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Kaliningrad
DARC	7190,0	0833	23	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, Russian ship, area of Ireland
Alok	7190,0	vt	dly	04	A3E	CLN	SLBC Colombo			still active, report Alok Dasgupta
DARC	7190,0	vt	dly	04	A3E	CHN	China Natl. Radio			20 dBuV, QTE 075 degs.
HFCC	7190,0	vt	dly	04	A3E	UZB	Radio Uzbekistan			Uzbek 0130 - 0330
DARC	7190,0	vt	dly	04	A3E	UZB	Radio Uzbekistan			Uzbek 0130 - 0330
HFCC	7190,0	vt	dly	04	A3E	YEM	Radio Yemen			Arabic 1800 - 2400, location San' a
DARC	7190,0	vt	dly	04	A3E	YEM	Radio Yemen			Arabic 1800 - 2400, location San' a
DARC	7192,0	0736	07	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	7195,0	vt	02	04	A3E	CHN	Xinjiang PBS			0715 rocking carrier, 1401 S6, 1442, 1625 S9, 1700 - 1750
DARC	7195,0	vt	dly	04	A3E	CHN	Xinjiang PBS			QTH: Urumqi, heard 1302 weak, 1520 frequency

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										rocking, 1655
DARC	7195,0	vt	dly	04	A3E	ERI	Voice of Broad Masses			
HFCC	7195,0	vt	dly	04	A3E	CHN	China Natl. Radio			Uighur 1227 - 1800, 2330 - 0257, location Urumqi
DARC	7196,0	0824	25	04	F1B	RUS	UiPTR	50	200	RUS Navy Kaliningrad
Alok	7200,0	vt	01	04	A3E	BRM	R. Myanmar			since 01.04.09: 0030 - 0230, report Alok Dasgupta, India
DARC	7200,0	0757	02	04	G7B		UiMUX			frequency hopper
DARC	7200,0	0800	02	04	FSK8		UiMUX	125	1750	ALE, selcalls 1002, 2070
DARC	7200,0	1440	05	04	A3E	RUS	Voice of Russia			25 dBuV, QTE 028 degs.
DARC	7200,0	vt	12	04	A3E	IRN	VOIRI			1615 carrier S9+15dB, s/on 1630 Pashtu language, 2002 S9+20dB
DARC	7200,0	vt	dly	04	A3E	SDN	Radio Omdurman			heard 0400, 0744 weak, 1302 weak, 1520 Ar, 1655 2 px, 1855, 1944
Alok	7200,0	vt	dly	04	A3E	BRM	R. Myanma			moved from 7185 to 7200, heard 0030 - 0230
DARC	7200,0	vt	dly	04	A3E	RUS	Voice of Russia			location Yakutsk
DARC	7200,0	vt	dly	04	A3E	RUS	Voice of Russia			location Moscow
DARC	7200,0	vt	dly	04	A3E	IRN	VOIRI			1615 carrier S9+15dB, 1630 - 1727, Pashtu language
DARC	7200,0	vt	dly	04	A3E	IRN	VOIRI			location Kamalabad, 1830 - 1930
DARC	7200,0	vt	dly	04	A3E	IND	AIR Kolkata			sked 0230 - 0401v, Sat,Sun 0700 - 1000, Sun: 1030 - report VU2JOS
HFCC	7200,0	vt	dly	04	A3E	RUS	Voice of Russia			1900 - 1500, location Yakutsk
HFCC	7200,0	vt	dly	04	A3E	RUS	Voice of Russia			2300 - 0300, location Moscow
HFCC	7200,0	vt	dly	04	A3E	IRN	VOIRI			Pushtu 1630 - 1730, location Ahwaz
HFCC	7200,0	vt	dly	04	A3E	IRN	VOIRI			Husa 1830 - 1930, location Kamalabad
DARC	10100,8	0609	30	04	F1B	D	DDH, DDK			German weather service - legal -
DARC	10112,0	ady	dly	04	G7D	TUR	UiMUX	2k4		Stanag-4285, heard 0938 - 1628
DARC	10114,8	0737	dly	04	F1B	RUS	UiPTR	96	1000	CIS-14, location Moscow
DARC	10122,8	vt	vd	04	G7D	GRC	UiMUX	2k4		Stanag-4285, 2k4, 8PSK, 1200 bps long - daily
DARC	10128,0	0917	07	04	G7B		UiMUX			frequency hopper
DARC	10130,0	vt	07	04	F1B		UiPTR	50	850	unid printer, heard 0931 - 0940
DARC	10134,0	vt	28	04	A1A	CZE	OK0EF Ham Radio Beacon			QRP beacon heard 0830, 1628
DARC	10136,0	1735	30	04	F1B	RUS	UiPTR	75	200	unid printer, location North Russia
DARC	10140,0	1033	17	04	P0N	G / CYP	British OTH-Radar			50 pps (= 50 Hz-System)
DARC	10140,0	0609	30	04	A3E	GRC?	UiBC			px in Greek language, echo chamber, slite FM on signal, slightly moving

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										up a few kHz
DARC	10142,0	1330	12	04	G7B		UiMUX			frequency hopper
DARC	10144,0	0852	04	04	A1A	S	UiCW			ticking pulses, 6 ppm
DARC	10144,0	vt	vd	04	A1A	S	UiCW			pulses, 6 dots / sec - heard 02 - 13 0706 - 1909
DARC	10145,0	vt	vd	04	P0N	G / CYP	British OTH-Radar			50 pps (= 50 Hz-System)
DARC	14000,0	1837	05	04	FSK8		UiMUX	125	1750	ALE, selcalls WNG777 - is US Govt. USA
DARC	14000,0	0745	06	04	N0N		UiCAR			carrier, 060 degs. from DL
DARC	14000,0	1913	07	04	P0N	G / CYP	British OTH-Radar			is active, 50 pps (= 50 Hz-system)
DARC	14000,0	2009	08	04	G7B		UiMUX			frequency hopper, daily at various times
DARC	14000,0	1659	20	04	A3E	ISR	ULX Mossad			female synthetic voice spelling "ULX", is Mossad Israel
DARC	14001,8	0843	09	04	G7D	GRC	UiMUX	2k4		Stanag-4285, 2k4, 8PSK, 600 bps long - daily
DARC	14004,0	0811	16	04	F1B	RUS	UiPTR	75	500	unid printer location Kaliningrad
DARC	14006,0	1955	28	04	G7B		UiMUX			frequency hopper
DARC	14008,0	vt	vd	04	F1B	RUS	UiPTR	50	250	unid printer heard 16 30 at 0807, 0906
DARC	14011,0	2103	09	04	G7B		UiMUX			frequency hopper
DARC	14015,0	2040	07	04	MFSK		UiMUX			unid multitone, locaton south west = 240 degs.
DARC	14018,0	0732	18	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, QPSK, location Moscow
DARC	14020,0	2046	09	04	MFSK		UiMUX			16 tones multitone, found 77 also on 14015 and 14030 - is 270 degs from DL
DARC	14026,0	0946	01	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	14028,0	vt	vd	04	F1B	RUS	UiPTR	75	250	unid printer heard 02 06 13 20 27 30 at 0727 - 1023
DARC	14030,0	2135	09	04	G7B		UiMUX			frequency hopper
DARC	14030,0	vt	vd	04	MFSK		UiMUX			multitone system, heard 06 07 at 1922, 2140
DARC	14040,0	0800	24	04	F1B	RUS	UiPTR	81	250	unid printer, location West of Moscow
DARC	14046,0	0737	20	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location East Russia
DARC	14048,0	0729	06	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14052,0	vt	vd	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D - heard 06 25 30 at 0728, 0828, 1003 - location east Russia
DARC	14064,0	0732	06	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14069,0	2014	28	04	G7B		UiMUX			frequency hopper
DARC	14070,0	0947	01	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow, overmodulation, bandwidth 30 kHz
DARC	14109,0	1355	19	04	FSK8	CHN	UiMUX			PRC-4+4, 8 x 75 Bd, QPSK, PRC PLA CHN, daily at various times
DARC	14110,0	1919	13	04	P0N	F	French Ocean Radar			100 pulses per second

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14120,0	0809	03	04	F1B	RUS	UiPTR	100	250	unid printer, location east of Novgorod
DARC	14120,0	0900	30	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14120,0	vt	vd	04	F1B	RUS	UiPTR	81	250	heard 26 28 29 at 0947, 0723, 0724 - location border to LTU
DARC	14122,0	vt	vd	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, heard 19 25 at 0919, 0830
DARC	14135,0	0738	20	04	F1B	RUS	UiPTR	75	250	unid printer, location North Russia
DARC	14160,0	1053	01	04	F1B	BLR	UiPTR	75	250	unid printer
DARC	14162,0	0812	16	04	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	14184,0	0807	04	04	F1B	RUS	UiPTR	100	250	unid printer location Kaliningrad
DARC	14192,0	1800	22	04	F1B	RUS	UiPTR	50	500	RUS Navy Kaliningrad
DARC	14226,0	0935	15	04	F1B	RUS	UiPTR	75	250	unid printer, location West Russia
DARC	14242,0	vt	vd	04	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location Nishniy Novgorod - heard 06 30 at 0733, 1006
DARC	14284,0	0716	14	04	A1A		UiCW			encrypted CW, QTE DL 060 degs.
DARC	14295,1	vt	28	04	A3E	TAJ	Radio Tajikistan			carrier "pulsating" 140 times / min heard 28 29 at 1632, 1322
DARC	14318,5	vt	vd	04	F1B	LBY	North Korean Emba Tripolis	600	600	DPRK-FSK600, is North Korean Embassy in Tripolis - heard 08 09 at 1600 - 1655
DARC	14343,0	1155	12	04	A1A		UiCW			encrypted CW, 5 letter groups, QTE DL 060 degs.
DARC	14350,0	1407	21	04	G7B		UiMUX			frequency hopper
DARC	18065,0	1615	24	04	P0N	G / CYP	British OTH-Radar			25 pps (= 25 Hz-system)
DARC	18103,0	1543	18	04	G7B		UiMUX			frequency hopper
DARC	18107,0	1031	30	04	F1B	RUS	UiPTR	50	250	unid printer
DARC	21001,5	0957	06	04	F1B	RUS	UiPTR	100	140	system Yakhta, QTE DL 060 degs.
DARC	21001,5	1014	09	04	F1B	RUS	UiPTR	100	140	unid printer

IRTS – Ireland – EI4GXB (Ger) ---

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7000,0	VT	VD	04	FSK8 (ALE)	I	UiMUX	125	1750	ITALIAN CARABINIERI NET. 2214, 2426... WEAK ACTIVITY.
MRASZ	7000,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	NEW INTRUDER UNID EQO, GLT, VFX, LEL.
MRASZ	7000,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	DEFAULT SOUNDED. UNID.
MRASZ	7002,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	BP21 SOUNDED. UNID.
MRASZ	7005,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	123483 UNID NET ACTIVE
MRASZ	7006,0	VT	VD	04	FSK8 (ALE)	G	UiMUX	125	1750	UK FOREST MOORE HF HQ. XSS SOUNDED.

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7010,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	CS - RS net
MRASZ	7014,0	VT	VD	04	FSK8 (ALE)	NIG	UiMUX	15	1750	NIGERIAN POLICE 411411 NET
MRASZ	7015,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	DKL, SBN. UNID NET.
MRASZ	7017,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	1456 SOUNDING. UNID.
MRASZ	7020,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	CS - RS net
MRASZ	7021,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	1101 NET AGAIN. UZBEKH MAYBE (KAMAR98).
MRASZ	7026,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	314 UNID NET
MRASZ	7026,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	BEAST-SAPPER-RENEGADE-FIGHTER-HUNTER-OUTLAW NET. LOW ACTIVITY.
MRASZ	7061,0	VT	VD	04	FSK8 (ALE)	G	UiMUX	125	1750	NIGERIAN POLICE 211211 NET
MRASZ	7070,0	VT	VD	04	FSK8 (ALE)	GEO	UiMUX	125	1750	244-288 MODERATE TRAFFIC POSSIBLE GEORGIAN NETWORK.
MRASZ	7080,0	VT	VD	04	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING
MRASZ	7092,0	0-24	DLY	04	FSK8 (ALE)	TUR	UiMUX	125	1750	UNID 4001 NET LOTS OF CALLSIGNS:
MRASZ	7100,0	VT	VD	04	FSK8 (ALE)	ALG	UiMUX	125	1750	100 CALLS 140, 123-345. UNID.
MRASZ	7100,0	VT	VD	04	FSK8 (ALE)	ALG	UiMUX	125	1750	2008 SOUNDED.
MRASZ	7107,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID ARABIC VOICE NET ALSO KNOWN AS 4378xx-NET. CALLSIGNS: 437805, 437806, 437815, 437817.
MRASZ	7115,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	0000 AND 9432 SOUNDED.
MRASZ	7116,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	1101 NET AGAIN. LOTS OF STATIONS. UZBEKH MAYBE (KAMAR98).
MRASZ	7120,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	233303 SOUNDED.
MRASZ	7140,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	125	1750	1101 NET AGAIN. LOTS OF STATIONS. UZBEKH MAYBE (KAMAR98). NEW FREQUENCY USAGE.
MRASZ	7141,0	VT	VD	04	FSK8 (ALE)	ALB	UiMUX	125	1750	7801 SOUNDED. UNID.
MRASZ	7143,0	VT	VD	04	FSK8 (ALE)	ALB	UiMUX	125	1750	434-630 UNID.
MRASZ	7149,0	VT	VD	04	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING
MRASZ	7150,0	VT	VD	04	FSK8 (ALE)	MDN	UiMUX	125	1750	MOLDOVAN MILITARY NET: CODRU STATIONS AS FOLLOWS: ACORD, AUTOGRAF, AZURIU, BG99, GRANIT, IZVOR, BALZAM, VITEAZ. ROMANIAN LANGUAGE PHONE PATCHES AND VOICE SCRAMBLER.
MRASZ	7160,0	0-24	DLY	04	FSK8 (ALE)	GEO	UiMUX	125	1750	VERY NEW CALLSIGNS: KAS, PON, QOB, KOU, HWK. MAYBE GEORGIAN?
MRASZ	7165,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	15	1750	UNID 630 CALLED 722, 415, 580 ALSO OCCURED.
MRASZ	7173,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	15	1750	450-707. UNID.

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7175,0	VT	VD	04	FSK8 (ALE)	G	UiMUX	15	1750	UK FOREST MOORE HF HQ. XSS SOUNDED.
MRASZ	7173,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	15	1750	123456 UNID.
MRASZ	7197,0	VT	VD	04	FSK8 (ALE)	TUR	UiMUX	15	1750	Red Crescent TURKEY 4 FIGURES NET. CALLSIGNS: 3031, 3061, 3015, 3551, 3161, 3251, 3261, 3351, 3421, 3551, 3061, 3771, 4061, 8161, 8541, 8551, 9857, 3651, 9850.
MRASZ	7200,0	VT	VD	04	FSK8 (ALE)	USA	UiMUX	15	1750	USAF NET. R07005-T1210
MRASZ	7200,0	VT	VD	04	FSK8 (ALE)	Ui	UiMUX	15	1750	NEW INTRUDER UNID ARABIC LSB NET 1002 CALLED 1006, 3060, 2060, 3070.
MRASZ	14000,0	VT	VD	04	FSK8 (ALE)	USA	UiMUX	15	1750	WNG777 SOUNDED
MRASZ	14000,0	VT	VD	04	FSK8 (ALE)	ALB	UiMUX	15	1750	TOPOJANI-MALSHOVA.

OEVSV – Austria – OE3DMA (Alex)

REP – Portugal – CT4AN (Jose Francisco)

SOC	kHz	UTC	DD	MM	ITU	MODE	BD	SH	DETAILS
REP	3550	05.30	17	04	FRA	A3E			French Amateurs INFRINGE IARU BAND PLAN - Daily 25uV S8
REP	7001	01.25	19	04	PAR	J3E-U			Ola, ola, ola, me copias ? (paraguaios) 12.5uV S7
REP	7021	23.15	08	04		J3E-L			No Call - talks in English language 12.5uV S7
REP	7100	19.00	02	04	KRE	8k00 A3EGN			Voice of Korea - English
REP	7100	19.40	03	04	KRE	8k00 A3EGN			Voice of Korea - Japanese
REP	7100	18.50	08	04	KRE	8k00 A3EGN			Voice of Korea - DLY unknown language up to 02.00 UTC
REP	7105	21.00	02	04	IND	A3E			AIR RADIO COMMS
REP	7105	22.03	04	04	CHN	8k00 A3EGN			Radio China (Beijing) 1581uV S9+50dB
REP	7105	19.45	05	04	TWN	8k00 A3EGN			Sound of hope - DLY- English on Sundays
REP	7105	20.05	06	04	CHN	8k00 A3EGN			Radio China - DLY hrd
REP	7105	20.05	08	04	ITA	J3E-L			Pirates YL+OM talking in Italian lang. Intervention of Ham OM ident. Freq. as only for Hamradio. Pirates finished after their QSO saying "a domani, amore"="see you tomorrow, love" ... 50uV S9
REP	7105	22.50	08	04	CHN	8k00 A3EGN			Radio China (Beijing) 5000uV S9+40dB
REP	7110	16.00	01	04	ETH	8k00 A3EGN			Radio Ethiopia - Amhariic language
REP	7110	21.00	03	04	ETH	8k00 A3EGN			Radio Ethiopia - music, intl news English
REP	7110	20.45	04	04	ETH	8k00 A3EGN			Radio Ethiopia 1581uV S9+30dB
REP	7110	21.50	04	04	ETH	8k00 A3EGN			Radio Ethiopia - DLY hrd until 03.00 UTC
REP	7110	19.22	05	04	CHN	8k00 A3EGN			Radio China International (Urumgi) 5000uV S9+40dB
REP	7110	18.42	07	04	CHN	8k00			Radio China International (Urumgi)

SOC	KHz	UTC	DD	MM	ITU	MODE	BD	SH	DETAILS
						A3EGN			500uV S9+20dB
REP	7110	19.03	08	04	ETH	8k00 A3EGN			Radio Ethiopia 1581uV S9+30dB
REP	7110	04.18	11	04	ETH	8k00 A3EGN			Radio Ethiopia 5000uV S9+40dB
REP	7110	18.15	12	04	CHN	8k00 A3EGN			Radio China International 15811uV S9+50dB
REP	7115	19.30	02	04	CHN	8k00 A3EGN			Radio China - Chinese
REP	7120	18.45	02	04	CHN	8k00 A3EGN			Radio Xinjiang - English announcement
REP	7125	19.40	03	04	GUI	8k00 A3EGN			Radio Konakry - English announcement
REP	7125	23.45	03	04	CHN	8k00 A3EGN			Radio Xizung - English intl news
REP	7125	00.10	05	04	CHN	8k00 A3EGN			Radio China International 50uV S9
REP	7125	22.00	05	04	GUI	8k00 A3EGN			Radio Konakry - Swaili
REP	7125	20.27	07	04	CHN	CW			Continuous Wave Carrier (RCInt ?) 5000uV S9+40dB
REP	7125	21.00	18	04	CHN	8k00 A3EGN			Radio China 1581uV S9+30dB
REP	7130	22.50	06	04	MLA	8k00 A3EGN			Radio Sarawak up to 24.00 UTC when stopped
REP	7130	17.05	12	04	MLA	8k00 A3EGN			Radio Sarawak 50uV S9
REP	7135	21.30	02	04	BLR	8k00 A3EGN			Radio Belarus ident. 21.00 UTC
REP	7135	19.00	08	04	RUS	8k00 A3EGN			Voice of Russia 90uV S9+5dB
REP	7145	18.20	01	04	SOM	8k00 A3EGN			Radio Hargheisa ident. 19.00 UTC
REP	7145	17.30	02	04	SOM	8k00 A3EGN			Radio Hargheisa DLY unid. Language
REP	7145	18.58	08	04	SOM	8k00 A3EGN			Radio Hargheisa 158uV S9+10dB
REP	7165	23.45	02	04	ERI	8k00 A3EGN			Voice of Broad Masses
REP	7165	01.30	03	04	ERI	8k00 A3EGN			Voice of Broad Masses - Amharic - DLY up to 03.00 UTC
REP	7165	22.18	04	04	ETH	8k00 A3EGN			Radio Ethiopia 6.3uV S6
REP	7165	01.00	06	04	ETH	8k00 A3EGN			Radio Ethiopia - Amharic language, music
REP	7165	18.40	08	04	ETH	8k00 A3EGN			Radio Ethiopia 1581uV S9+30dB
REP	7170	19.30	04	04	CHN	8k00 A3EGN			China National Radio
REP	7175	19.11	05	04	ALB	8k00 A3EGN			Radio Albânia (Cerrik) 500uV S9+20dB
REP	7175	19.44	07	04	ALB	8k00 A3EGN			Radio Albânia (Cerrik) 1581uV S9+30dB
REP	7180	22.23	04	04	CHN	8k00 A3EGN			Radio China 50uV S9
REP	7180	21.34	08	04	CHN	8k00 A3EGN			Radio China International (Xi Wang Zhi Sheng SOH Tanshui) 5000uV S9+40dB
REP	7180	20.55	18	04	CHN	8k00 A3EGN			Radio China 500uV S9+20dB
REP	7185	01.00	03	04	BRM	8k00 A3EGN			Radio Myanmar ident. at hour
REP	7190	18.20	06	04	CHN	8k00 A3EGN			China National Radio - Chinese language
REP	7195	22.50	02	04	CHN	8k00 A3EGN			Radio Xinjiang

SOC	kHz	UTC	DD	MM	ITU	MODE	BD	SH	DETAILS
REP	7195	19.17	05	04	RUS	8k00 A3EGN			Voice of Russia (Armavir) 90uV S9+5dB
REP	7195 to 7200	22.21	04	04	CHN	8k00 A3EGN			SPREAD from Radio China International Strong splatter from 7204 kHz 158uV S9+10dB
REP	7200	21.00	01	04	SDN	8k00 A3EGN			Omdurmhan Radio - DLY

RSGB - Great Britain – G4BOH (Chris) ---

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	REMARKS
RSGB	7100- 7200	1700- 1800	DLY	04	D	Radio Polskie	A3	40 kW DRM TX in Wertachtal on 7265 kHz beamed to UK. Very wide QRM. Faulty TX replaced, problem gone!

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	3658,0	1610- 1930	1-22	4	UZB	V	A1A		Khiva (?)
SRAL	7009,0	1700	8	4		UiMUX	J7D		
SRAL	7016,0	1500	10	4		UiPTR	F1B	250	
SRAL	7020,0	1000- 1100	25	4		UiPTR	F1B	250	
SRAL	7030,0	1230- 1300	21	4		UiPTR	F1B	250	
SRAL	7038,7	1500- 2000	9-14	4	UKR	D	A1A		Sevastopol
SRAL	7038,8	0700- 1300	25- 27	4	RUS	S	A1A		Kaliningrad
SRAL	7039,0	h24	dly	4	RUS	C	A1A		Moscow
SRAL	7039,1	1200- 0530	1-14	4	RUS	A	A1A		Astrakhan area (?)
SRAL	7041,0	1330- 1930	1-21	4	RUS	AUXA etc.	A1A		MR 5BL, procedures
SRAL	7048,0	0530- 0630	4, 30	4	RUS	RZT	A1A		
SRAL	7056,0	0610- 1340	1, 4	4	RUS	H2L2 etc.	A1A		MR 5BL, procedures
SRAL	7077,7	0800- 0830	2	4		UiPTR	F1B	1000	
SRAL	7100,0	1500- 1700	dly	4	ERI	VoBME	A3E		
SRAL	7100,0	1800- 2100	dly	4	KRE	VoKorea	A3E		
SRAL	7105,0	1500- 1600	1-24	4	CHN	NeiMengg u	A3E		
SRAL	7110,0	1500- 2100	1-25	4	ETH	R Ethiopia	A3E		
SRAL	7116,0	0715	5, 8	4	RUS	475	A1A		
SRAL	7116,0	0930- 1000	29	4	RUS	UiPTR	F1B	200	
SRAL	7118,0	0715- 0930	2	4	RUS	UiMUX	J7D		
SRAL	7122,0	0430- 2000	dly	4	RUS	RDL	F1B	200	Kaliningrad, dotter 25 Hz
SRAL	7125,0	1300- 2000	dly	4	CHN	Xisung PBS	A3E		
SRAL	7130,0	1400- 1800	dly	4	TWN & CHN	RTI & CNR1	A3E		5 – 15 Hz apart
SRAL	7135,0	1600- 1930	dly	4	CHN	UiBC	A3E		

Society	KHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	7142,0	0810	2000	4		UiPTR	F1B	250	
SRAL	7144,0	0830-0930	20	4		UiMUX	J7D		
SRAL	7145,0	1530-1900	dly	4	SOM	R Hargeisa	A3E		
SRAL	7162,0	0545-1530	1-25	4	RUS	UiPTR	F1B	250	Moscow, 50 Hz dotter
SRAL	7165,0	1300-1830	dly	4	ERI	VoBME	A3E		Jammed by ETH 5 – 15 Hz apart
SRAL	7167,0	0930-1130	11, 27	4	RUS	UiPTR	F1B	250	Novgorod
SRAL	7170,0	1360-1800	dly	4	CHN	Xisang	A3E		
SRAL	7175,0	1400-2030	1-25	4	ERI	VoBME	A3E		
SRAL	7176,0	1000-1200	18, 25	4		UiPRT	F1B	250	
SRAL	7185,0	1000-1700	29-31	4	TWN & CHN	RTI & CNR1	A3E		5 – 15 Hz apart
SRAL	7185,0	0710	1	4		UiMUX	J7D		
SRAL	7188,0	0700-1300	*	4	RUS	UiPRT	F1B	250	Days 16, 17, 18, 25 & 30. Kaliningrad
SRAL	7190,0	0530-1900	*	4	RUS	UiMUX	J7D		Days 7, 22 & 23
SRAL	7195,0	1300-1730	dly	4	CHN	Xinjiang	A3E		
SRAL	7196,0	0615.0730	1, 25	4		UiPRT	F1B	200	25 Hz dotter
SRAL	7200,0	0400-2000	dly	4	SDN	R Sudan	A3E		

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7000.0	1551	02	04			A3E			unid BC (Music)
USKA	7006.0	1337	17	04			F1B	100	150	unid
USKA	7018.0	0949	20	04			F1B	50	200	unid
USKA	7020.0	1347	30	04	MKD	CS004A	FSK8	125	1750	MIL 188-141A, ALE daily
USKA	7020.0	1400	30	04		CS0	FSK8	125	1750	MIL 188-141A, ALE daily
USKA	7033.0	1314	30	04			F1B	100	150	unid
USKA	7038.7	0802	12	04	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7039.0	0829	01	04	RUS	C	A1A			Beacon C Moscow daily
USKA	7039.1	1843	02	04	RUS	A	A1A			Beacon A daily
USKA	7087.0	1436	09	04			J7D	12x120	2600	MPSK-12: CIS 12 = AT3004D 12 x PSK-2
USKA	7089.9	1321	02	04	UKR		F1C	60 rpm		IOC576 Weatherfax daily
USKA	7100.0	1851	30	04			A3E			Broadcast daily
USKA	7110.0	1852	30	04			A3E			Broadcast daily
USKA	7116.0	0937	20	04			F1B	75	200	unid
USKA	7122.0	1809	01	04	RUS	RDL	F1A			letters and figures, followed by F1B
USKA	7122.0	1006	02	04			F1B	50	200	unid, mixed with F1A daily
USKA	7123.0	1206	02	04			A1A			letters and figures
USKA	7135.0	1853	30	04			A3E			Broadcast daily
USKA	7140.0	1854	30	04			A3E			Broadcast daily
USKA	7142.0	0753	20	04			F1B	75	250	unid
USKA	7143.0	1856	02	04			A1A			letters and figures, mostly in groupes of 5
USKA	7144.0	0832	20	04			J7D	12x120	2600	MPSK-12: CIS 12 = AT3004D 12 x PSK-2
USKA	7145.0	1854	30	04			A3E			Broadcast daily
USKA	7161.0	0959	13	04			F1B	75	250	unid
USKA	7162.0	1501	09	04			F1B	75	250	unid
USKA	7165.0	1855	30	04			A3E			Broadcast daily

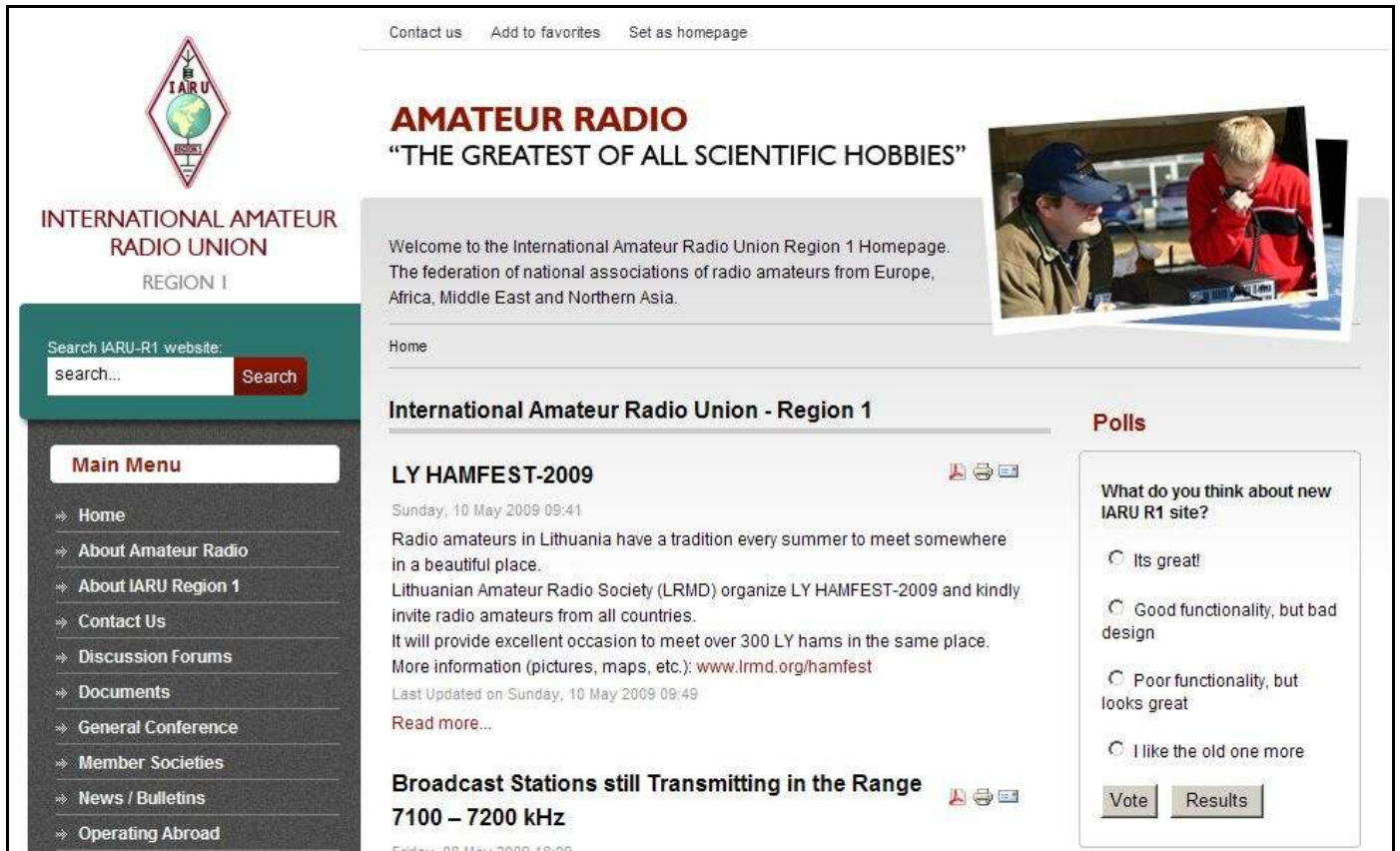
SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7175.0	1852	30	04			A3E			Broadcast daily
USKA	7188.0	0841	20	04	RUS		F1B	81	250	unid
USKA	7190.0	0923	23	04			J7D	12x120	2600	MPSK-12: CIS 12 = AT3004D 12 x PSK-2
USKA	7200.0	1852	30	04			A3E			Broadcast daily
USKA	14000.0	1224	20	04			J3E			english conversation, no ham
USKA	14028.0	1003	02	04			F1B	75	250	unid almost daily
USKA	14044.0	0848	20	04			F1B	75	500	unid
USKA	14052.0	0819	20	04			J7D	12x120	2600	MPSK-12: CIS 12 = AT3004D 12 x PSK-2
USKA	14135.0	0801	20	04			F1B	75	250	unid
USKA	14225.9	1332	30	04			N0N			permanent carrier
USKA	14253.0	0729	11	04			F1B	75	250	unid
USKA	14272.0	0804	20	04			F1B	50	250	unid
USKA	14318.5	1411	17	04			F1B	600	600	unid ARQ
USKA	18107.0	1452	09	04			F1B	50	200	unid

Veron (Part 1) – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7018,0	14.23	15	4		UiPTR	F1B		Ptr
VERON	7036,0	18.15	24	4		UiPTR	F1B		Revs
VERON	7036,3	06.16	vd	4		UiMUX	J7D		MPSK, 20.17 utc, 13 days
VERON	7038,7	06.20	vd	4	UKR	D	A1A		20.14 utc, beacon, 10 days
VERON	7038,7	20.22	14	4	UKR	D	A1A		Beacon Sevastopol
VERON	7038,7	vt	vd	4	UKR	D	A1A		D-beacon
VERON	7038,8	06.20	vd	4	RUS	P	A1A		16.06 utc, beacon, 2 days
VERON	7038,9	06.20	vd	4	RUS	C	A1A		21.15 utc, beacon, 12 days
VERON	7039,0	vt	vd	4	RUS	C	A1A		C-beacon
VERON	7039,1	0.6.43	vd	4	AZB	A	A1A		18.20 utc, beacon, 5 days
VERON	7039,1	14.00	12	4	AZB	A	A1A		A-beacon
VERON	7039,3	16.55	vd	4	RUS	K	A1A		18.36 utc, beacon, 2 days
VERON	7041,0	17.00	vd	4	CIS	BSS3	A1A		to PTV5,4NYQ,CKEL,XATW, 4 days
VERON	7041,0	18.11	2	4	CIS	AUXA	A1A		to GWX8, DYYK, 5BL = K
VERON	7041,0	18.23	2	4	CIS	AUXA	A1A		W1HJ de AUXA QTC 745 222 2104 745
VERON	7041,0	16.08	16	4	CIS	9RVW	A1A		to SM3Y: 5BL
VERON	7041,0	16.17	16	4	CIS	9RVW	A1A		to XWR8: 5BL
VERON	7041,0	16.20	16	4	CIS	9RVW	A1A		to H6JJ, DBS8,SM3Y,KN36: proc
VERON	7041,0	14.34	19	4	CIS	9RVW	A1A		to KN3G, DBS8: calls
VERON	7041,0	18.12	26	4	CIS	BSS3	A1A		to 4NYQ, qtc k/900 1926 2104 900 719
VERON	7041,0	20.14	27	4	CIS	BSS3	A1A		to CKEL, W9FS, proc
VERON	7041,0	14.41	30	4	CIS	BSS3	A1A		to CKEL, QBE QYT9 K
VERON	7041,0	15.27	24	4	CIS	UiCW	A1A		5BL (ending 090 AR)
VERON	7057,5	06.19	23	4	CIS	LKFQ	A1A		5F: proc, also 18.17 utc
VERON	7057,5	18.20	24	4	CIS	LKFQ	A1A		to FCGF: 5F (WX-type)
VERON	7057,5	08.08	28	4	CIS	LKFQ	A1A		proc, 5F, also at '08.14 utc
VERON	7057,5	06.15	30	4	CIS	FCGF	A1A		5F(WX-type)
VERON	7099,0	06.34	22	4	CIS	UiCW	A1A		5BL
VERON	7100,0	20.42	13	4		UiBC	A3E		music
VERON	7100,0	20.30	24	4	KRE	BC	A3E		music and poor quality English speech
VERON	7100,0	vt	vd	4	RUS	RDL	F1A	200	Ptr, Russian Navy
VERON	7100,0	vt	vd	4	RUS	UiPtr	F1B	200	Ptr, Russian Navy
VERON	7100,0	19.22	24	4	KRE	BC	A3E		Voice of Korea(North) poor English
VERON	7100,0	20.18	14	4	KRE	BC	A3E		S7-Voice of Korea (North)
VERON	7105,0	vt	vd	4		UiBC	A3E		Arabic speech and music, 5 days
VERON	7108,0	18.00	21	4		UiBC	A3E		Asia music and speech S-8
VERON	7110,0	20.26	13	4		UiBC	A3E		speech and music, unknown language
VERON	7110,0	19.22	24	4		UiBC	A3E		music
VERON	7110,0	16.46	4	4		UiBC	A3E		East Asiatic language; weak signal;QSB
VERON	7110,0	20.16	14	4	ETH	UiBC	A3E		African Music, S9++

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7115,0	20.15	14	4	CHN	UiBC	A3E		Chinese music, S7
VERON	7116,0	10.25	20	4		UiPTR	F1B		Idling/Fast Revs
VERON	7122,0	vt	vd	4	CIS	UiPTR	F1B		Revs/Ptr
VERON	7125,0	vt	vd	4		UiBC	A3E		Asiatic music and speech, 9 days
VERON	7135,0	20.20	13	4		UiBC	A3E		only speech, unknown language
VERON	7135,0	18.05	21	4		UiBC	A3E		Slavic language S-2
VERON	7135,0	20.12	14	4	BLR	UiBC	A3E		Russian Voice, S6
VERON	7140,0	18.06	21	4		UiBC	A3E		speech and music, unknown language
VERON	7145,0	18.08	21	4		UiBC	A3E		Asian music S-2
VERON	7162,0	08.17	25	4	CIS	UiPtr	F1B	250	Ptr
VERON	7165,0	14.10	9	4		UiPtr	F1B	250	Ptr
VERON	7165,0	vt	vd	4		UiBC	A3E		music and unknown language, 8 days
VERON	7165,0	15.19	24	4		UiBC	A3E		speech and music, unknown language
VERON	7165,0	16.40	4	4		UiMux	J7D		MPSK-12
VERON	7170,0	20.08	14	4	CHN	UiBC	A3E		Slow music, S7
VERON	7175,0	19.49	4	4		UiBC	A3E		Far Eastern language
VERON	7185,0	vt	vd	4		UiBC	A3E		Asiatic and Chinese music, 7 days
VERON	7185,0	16.35	4	4	CHN	UiBC	A3E		
VERON	7196,0	08.19	25	4	CIS	UiPtr	F1B	200	Revs
VERON	7197,0	19.29	24	4		UiBC	A3E		Asiatic language
VERON	10102,0	18.08	15	4		UiCW	A1A		5L
VERON	10112,0	15.09	14	4	TUR	UiMux	G7D		Stanag, 8PSK, 2k4 wide
VERON	10130,0	08.55	24	4		UiPTR	F1B		Ptr
VERON	14008,0	12.39	vd	4	CIS	UiPtr	F1B	250	Ptr, also 2/4, 24/4,
VERON	14008,0	vt	vd	4	CIS	UiPTR	F1B		Carrier/Revs/Ptr
VERON	14018,0	08.54	30	4		UiMUX	J7D		MPSK, 3 KHz wide, carrier 14019,3 KHz
VERON	14028,0	08.06	vd	4	CIS	UiPtr	F1B		Ptr, 10.19 utc, 5 days
VERON	14028,0	vt	vd	4		UiPTR	F1B		Revs/Ptr
VERON	14044,0	08.09	16	4	CIS	UiPtr	F1B	500	Ptr
VERON	14044,0	08.15	16	4		UiPTR	F1B		Ptr
VERON	14092,0	07.34	2	4	RUS	WEGI	A1A		WEGI, 1 gst 28 estilxben 0888 7002 K
VERON	14092,0	08.27	2	4	RUS	RGT77	A1A		RGT77 279 = (5BL)= K
VERON	14092,0	08.27	8	4	RUS	RGT77	A1A		RGT77 607 = (5BL) = K
VERON	14092,0	07.20	11	4	RUS	RGT77	A1A		RGT77 823 = (5BL) = K
VERON	14092,0	08.17	14	4	RUS	RGT77	A1A		RGT77 555 = (5BL) = K
VERON	14092,0	08.23	16	4	RUS	RGT77	A1A		RGT77 440 = (5BL) = K
VERON	14120,0	08.22	3	4	CIS	UiPtr	F1B	250	Ptr,
VERON	14120,0	08.24	22	4		UiMUX	J7D		12 MPSK
VERON	14120,0	08.04	25	4		UiMUX	J7D		12 MPSK, also 29/4
VERON	14135,0	10.16	20	4	CIS	UiPtr	F1B	250	Ptr
VERON	14135,0	10.10	20	4		UiPTR	F1B		Ptr
VERON	14221,0	19.36	24	4		UiPtr	F1B	200	Revs
VERON	14228,0	08.58	30	4		UiMUX	J7D		MPSK, 3 KHz wide, carrier 140229,3 KHz
VERON	14233,0	14.36	17	4		UiMux	J7D		MPSK-12
VERON	14236,0	08.01	25	4		UiMUX	G7B		frequency hopper
VERON	14253,0	14.08	24	4		UiPTR	F1B		Ptr
VERON	14263,0	07.31	29	4	CIS	UiPtr	F1B	250	Ptr
VERON	14263,0	10.20	16	4	CIS	UiCW	A1A		Proc's/Z-codes
VERON	14263,0	10.22	16	4	CIS	UiCW	A1A		ZNe NOLX NOLX PaTX ZNe ?
VERON	14263,0	10.25	16	4	CIS	UiCW	A1A		Strings of Cyrillic Morse
VERON	14272,0	10.11	20	4		UiPTR	F1B		Revs
VERON	14308,0	08.10	23	4		UiPTR	F1B		Ptr
VERON	14332,0	09.20	26	4	CIS	UiPtr	F1B	250	Ptr
VERON	18080,7	13.19	14	4		UiMux	J7D		MPSK-4
VERON	18150,0	13.30	14	4		UiMux	G7B		Frequency hopper
VERON	28262,0	13.02	14	4		UiMux	J7D		MPSK-8
VERON	28317,0	13.05	14	4		UiOTHR	PON		Radar

The new Homepage of the IARU Region 1 – excellent job dear Hani!



The screenshot shows the homepage of the International Amateur Radio Union (IARU) Region 1. At the top left is the IARU logo, a diamond shape with a globe and the text 'INTERNATIONAL AMATEUR RADIO UNION REGION 1'. Below the logo is a search bar with the text 'Search IARU-R1 website:' and a 'Search' button. To the right of the logo, there are links for 'Contact us', 'Add to favorites', and 'Set as homepage'. The main heading is 'AMATEUR RADIO' in red, followed by the tagline 'THE GREATEST OF ALL SCIENTIFIC HOBBIES' in black. Below this is a welcome message: 'Welcome to the International Amateur Radio Union Region 1 Homepage. The federation of national associations of radio amateurs from Europe, Africa, Middle East and Northern Asia.' To the right of the text is a photograph of two people at a radio station. Below the welcome message is a 'Home' link. The main content area is titled 'International Amateur Radio Union - Region 1'. It features two news items. The first is 'LY HAMFEST-2009' dated Sunday, 10 May 2009 09:41. The text describes a tradition in Lithuania where radio amateurs meet every summer. It mentions the Lithuanian Amateur Radio Society (LRMD) and provides a link to 'www.lrmd.org/hamfest'. The second news item is 'Broadcast Stations still Transmitting in the Range 7100 – 7200 kHz' dated Friday, 08 May 2009 18:09. To the right of the news items is a 'Polls' section with the question 'What do you think about new IARU R1 site?'. The poll options are: 'Its great!', 'Good functionality, but bad design', 'Poor functionality, but looks great', and 'I like the old one more'. There are 'Vote' and 'Results' buttons at the bottom of the poll. On the left side of the page, there is a 'Main Menu' with links to: Home, About Amateur Radio, About IARU Region 1, Contact Us, Discussion Forums, Documents, General Conference, Member Societies, News / Bulletins, and Operating Abroad.

IARUMS Region 1

Many thanks for your interest!

The monitoring team of IARU Region 1

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compiled and published by DK2OM