



Monitoring System - IARUMS Region 1 -

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The monthly newsletter for Region 1

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The members of the IARUMS Region 1 monitoring team:



Acknowledgements

++ ARI: DH7SA - Salvatore ++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ IRTS: EI4GXB - Ger ++
++ MARL: 9H1M – Dominic ++ MRASZ: HA7PL - Laci ++ OEVSU: OE3DMA – Alex ++ RAL: OD5RI – Riri ++
++ REP: CT4AN – Jose and CT1JTQ – Angelo ++ RSGB: G4BOH - Chris ++ SARL: ZS6AKV - Hans ++
++ 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) ++ G3PSM - Colin (EC-IARU-R1) ++ DF8FE – Martin (Webmaster assistance) ++
++ DL8AAM – Tom (ALE) ++ DK4VW - Ulli (DARC-HF-Department) ++ DJ7KG - Georg (beacons) ++
++ DF5SX- Wolfgang (BC) ++ DARC (server support) ++ various European PTTs ++ IARU Region 1 assistance ++

Part 1: News and infos

Part 2: Detailed reports from the national co-ordinators

Screenshots and measurements: DK2OM with Wavecom decoders

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Part 1: News and Infos

1. 14046.700 kHz – MFA cairo

MFA Cairo was abusing 14046.700 kHz daily for traffic with the EGY embassy in North Korea.
Details: System Sitor A/B, 100 Bd, 170 Hz shift, semiduplex (2 channel operation), ident of the embassy in Pyongyang: OOVF. The German PTT sent a complaint to Egypt.

2. 7001.800 kHz – Commercial ship traffic

7001.800 kHz commercial ship traffic from Istanbul / Turkey on Nov. 24th, at 1500 utc for several hours.
Details: System MIL-188-110A, 2400 Bd, 8PSK, 1200 bps short, mentioning many ship names (readable as plain text with the Wavcom Decoder!)

3. 10 MHz - band

Fishery from Sri Lanka appeared on 10102.700 kHz USB. During the sunspot minimum this band is often abused by pirates.

4. 7000 – ALE meeting point

I found the following ALE systems (MIL-188-141A --- 125 Bd, 1750 Hz shift) on 7000 kHz daily:
Carabinieri Rome, French MIL in Africa and PRC nets from China. We are not amused.

5. News from Cavtat

PB2T (Hans) is the new president of IARU Region 1, G3PSM (Colin) will be responsible to our Monitoring System as EC member. G3PSM has organised our Monitoring System in 1967 the first time. So we are glad to have Colin

back again.
DK2OM and DJ9KR have been elected as IARUMS R1 Co-ordinator and Vice Co-ordinator for the next 3 years.



from left: PB2T (Hans), DK2OM (Wolf) and G3PSM (Colin) in Cavtat

6. Now 15 members in IARUMS Region 1

9H1M, Dominic, is the new MS-Co-ordinator of MARL, the Amateurradio Society of Malta.
Welcome to our system, Dominic! Six years ago we had only 5 members in our team.



9H1M, Dominic Azzopardi, at Region 1 Conference in Cavtat, Croatia

Dominic is an excellent engineer and well equipped.

7. Homepage IARUMS Region 1 <http://www.iarums-r1.org>
Homepage IARUMS Region 2 <http://www.tg9ajr.net/Welcome.html> (provisional)
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 *** UiLL = 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 November, 2008

Propagation on 40 meters remained erratic, and consistent monitoring was difficult. There was no appreciable change in the numbers or identities of intruders.

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	11	ETH?	UiPHONE	J3E	Amharic. Spreads into 40 m. band.
ARSK	6999.0	vt	dly	11	KEN? UGA? TZA?	08, 15, 16, 20, 23, 24, 25, 26, 27, 32, 35, 38, 43, 60, 62, 64, 66,	J3Eu	Spreads into 40 m band. Traffic appears to be details of air movements over East and Central Africa.
ARSK	7000.0	vt	*	11	SOM	Boccaro, Bossasso	J3E	Somalis. *11,
ARSK	7005.0	1133	8	11	ZAI	UiPHONE	J3E	Vernacular., KiSwahili, French.
ARSK	7007.0	0834	26	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7008.0	vt	dly	11	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	0835	26	11	ZAI	UiPHONE	J3Eu	KiSwahili.
ARSK	7011.0	vt	dly	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7012.0	vt	dly	11	SOM	Kismayu, Afmadu, Dobleh, Baidoa	J3Eu	Somalis, SelCal. Some KiSwahili.
ARSK	7022.0	vt	*	11	SOM	UiPHONE	J3Eu	Somalis. *12,13,
ARSK	7026.0	var.	*	11	SOM	UiPHONE	J3Eu	Somalis.*26,
ARSK	7026.0	var.	dly	11	SDN	Twiga, Tembo, K1, K2, K3, KS, MM, FK, BK, India 1, T1,	J3Eu	NGO, medical, English, message traffic,some encrypted. SelCal.
ARSK	7028.0	0722	18	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7030.0	0721	18	11	SOM	UiPHONE	J3E	Somalis.
ARSK	7031.0	vt	*	11	SOM	Baidoa	J3Eu	Somalis. *18,26,
ARSK	7035.0	vt	*	11	ZAI	UiPHONE	J3Eu	Vernacular. *12,13,18,
ARSK	7041.0	1152	8	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7045.0	var.	12	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7045.0	vt	dly	11	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	7048.0	vt	dly	11	SDN	WA, S, T, SM, AU, PK, PS, AC, BC, B3, B7, B8, B9, B15,CC, Malakal,	J3E	English, vernacular, verbal Morse. NGO or SPLA? Some Arabic heard.

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
						Yambio,		
ARSK	7049.0	1152	8	11	SOM	Boccaro	J3Eu	Somalis.
ARSK	7050.0	vt	26	11	SOM	UiPHONE	J3Eu	Somalis.*8,26,
ARSK	70530	0833	26	11	ZAI	UiPHONE	J3Eu	Vernacular.
ARSK	7057.0	0720	18	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7065.0	0834	121	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	11	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	11	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein	J3Eu	Somalis. SelCal.
ARSK	7080.0	1150	8	11	ZAI	UiPHONE	J3Eu	KiSwahili, French.
ARSK	7080.0	1150	8	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7081.0	0717	18	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7085.0	0830	12	11	SOM	uiPHONE	J3Eu	Somalis.
ARSK	7089.0	vt	*	11	SOM	UiPHONE	J3Eu	Somalis.*8,11,18,
ARSK	7092.0	vt	*	11	SOM	UiPHONE	J3Eu	Somalis.*8,26,
ARSK	7094.0	1149	8	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7096.0	0528	11	11	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7100.0	vt	dly	11	ERI	VOBM	A3E	Voice of the Broad Masses, Eritrea, broadcast.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	1812,0	1855	05	11	J3E-U	HOL	UiILL	Dutch fishery
DARC	1850,0	1947	09	11	A3E	HOL	Dutch Amateurs	AM used, bandplan!
DARC	1960,0	1830	10	11	J3E-U	E	UiILL	Spanish fishery, engine noise
DARC	3500,0	1715	04	11	J3E-U	HOL	UiILL	Dutch fishery
DARC	3500,0	1929	05	11	J3E-U	G	UiILL	British fishery
DARC	3500,0	1925	10	11	J3E-U	E	UiILL	Spanish fishery
DARC	3510,0	1509	22	11	J3E-U	E	UiILL	Spanish fishery
DARC	3515,0	1830	07	11	J3E-U	HOL	UiILL	Dutch fishery
DARC	3520,0	2012	04	11	J3E-U	E	UiILL	Spanish fishery
DARC	3535,0	vt	vd	11	J3E-U	E	UiILL	Spanish fishery heard 04 06 at 1806, 1804
DARC	3539,0	1945	06	11	J3E-U	F	UiILL	French fishery, engine noise, location near Nantes, west France
DARC	3540,0	1937	06	11	J3E-U	G	UiILL	British fishery
DARC	3550,0	1856	07	11	J3E-U	F	UiILL	French fishery
DARC	3550,0	vt	28	11	A3E	F	French Lis Amateurs	Ops Michel, Marcel, Roland, Gerard, Andre - heard 0845 - 0915 - often heard - AM in CW section, how bad!
DARC	3550,0	0804	vd	11	A3E	F	UiILL	French Lis Hams, CW section!
DARC	3551,0	0857	28	11	J3E-U	F	UiILL	French pirates
DARC	3554,0	2049	08	11	J3E-U	G	UiILL	British fishery
DARC	3569,0	1815	25	11	J3E-U	F	UiILL	French fishery
DARC	3574,6	0835	28	11	A3E	F	French Lis Amateurs	net of French lis amateurs. One ham says always "voilà voilà"
DARC	3585,0	2230	10	11	J3E-U	HOL	UiILL	Dutch fishery
DARC	3590,0	1518	10	11	J3E-U	UKR	UiILL	UKR MIL, daily
DARC	3600,0	vt	vd	11	A3E	F	French Lis Amateurs	using AM in CW/SSB section, daily
DARC	7000,0	1203	27	11	J3E-U	CIS	UiILL	male net in Russian voice
DARC	7000,0	1519	27	11	J3E-U		UiILL	male net in Arabic voice, one OP is "Khalid"
DARC	10100,9	vt	27	11	J3E-U	G	UiILL	British fishery, mentioning "fish", "bycatch", "55 millimetres" and "110 millimetres" - heard S9 0825 - 0936
DARC	10101,0	1701	30	11	J3E-U	E	UiILL	Spanish fishery

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	10101,0	1745	30	11	J3E-U	CIS	UiILL	male net in Russian voice
DARC	10102,0	1412	26	11	J3E-U	CLN	UiILL	fishery from Sri Lanka
DARC	10105,0	1540	10	11	J3E-L	F.Ea	UiILL	Far East pirates, LSB used
DARC	10119,0	0804	01	11	J3E-U		UiILL	unid illicit with VOCODER
DARC	10120,0	1427	09	11	J3E-U	TUR	UiILL	pirates in Turkish voice
DARC	10134,0	vt	vd	11	J3E-U	F	French Lis Amateurs	SSB not allowed in this range, various times, various days
DARC	10134,9	vt	29	11	J3E-U	GRC	UiILL	2 male persons in Greek voice - heard 1420 - 1429 - to 10135,9
DARC	10135,0	1523	10	11	J3EU	E	UiILL	Spanish fishery
DARC	10135,9	vt	29	11	J3E-U	GRC	UiILL	2 male persons in Greek voice - heard 1429 - 1530 - from 14134,9
DARC	10136,0	1514	29	11	J3E-U	CIS	UiILL	male persons in Russian language
DARC	10136,0	vt	vd	11	J3E-U	F	French Lis Amateurs	SSB not allowed in this range, various times, various days
DARC	10141,0	vt	26	11	J3E-U	E	UiILL	2 Spanish male persons, possibly Spanish fishery - heard 2148 - 2157
DARC	10142,0	1056	26	11	J3E-U	F	UiILL	traffic in French male voices, 2 Ops, fishermen or misled French radio amateurs?
DARC	10150,0	1830	28	11	J3E-U	E	UiILL	Spanish fishery
DARC	14000,0	1110	25	11	J3E-U	F.Ea	UiILL	pirates
DARC	14000,0	vt	vd	11	J3E-U	F.Ea	UiILL	large net heard 02 06 07 at 0900 - 1100

DARC – Germany – Part 2 – DK2OM (Wolf) / DJ9KR (Ui)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	1810,0	1719	01	11	A3E	POL	The Pip			10 tones, permanent
DARC	1810,0	1752	08	11	A3E	POL	The Pip			the Polish "Pip"
DK2OM	1815,0	ady	dly	11	noise	D				Plasma TV
DARC	1850,0	1947	19	11	A3E	HOL	Dutch Lis Amateurs			Dutch amateurs in AM, bandplan!
DARC	1895,0	1805	03	11	QPSK	G	UiMUX	125	125	location Orkney Islands, UK - is legal!
DARC	3500,0	2135	02	11	FSK8	TUR	Turkish Red Crescent	125	1750	ALE, selcalls 2010, 2014, daily
DARC	3500,0	2141	02	11	G7B		UiMUX			frequency hopper
DARC	3501,8	1846	10	11	G7D		UiMUX	2k4		Stanag-4285, 2k4, 8PSK - unid
DARC	3510,0	1822	13	11	G7B		UiMUX			frequency hopper
DARC	3515,0	1718	13	11	G7B		UiMUX			frequency hopper
DARC	3522,0	2210	25	11	F1B	RUS	UiPTR	75	200	unid printer, location west of Moscow
DARC	3522,0	vt	vd	11	F1B	I	UiPTR	300	850	unid printer, system CLANSMAN, location Milano
DK2OM	3525,0	ady	dly	11	noise	D				Plasma TV
DARC	3526,0	2039	23	11	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	3527,0	2000	06	11	F1B	RUS	UiPTR	50	200	unid printer, location North Russia
DARC	3532,0	1439	26	11	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	3533,7	2232	27	11	J7D	TUR	UiMUX			LINK-11, location Ankara
DARC	3536,0	1519	10	11	F1B	CIS	UiPTR	81	200	unid printer
DARC	3537,0	1843	23	11	J7D	UKR	UiMUX	120	2600	MPSK-12, AT-3004-D, east Krimea Peninsula
DARC	3550,0	0713	03	11	A3E	F	French Lis Amateurs			no BC, but French lis Amateurs - not respecting IARU Band Plan
DARC	3550,0	0813	04	11	G7B		UiMUX			frequency hopper
DARC	3550,0	0804	09	11	A3E	F	French Lis			AM in CW section, daily

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Amateurs			
DARC	3550,0	vt	vd	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, is a ship in Black Sea, heard 09 - 12 at 1647, 1614, 1958
DARC	3553,8	1923	02	11	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, D8PSK, 600 bps long - daily
DK2OM	3555,0	ady	dly	11	noise	D				Plasma TV
DARC	3560,0	2009	06	11	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT30, FS31 - military daily
DARC	3560,0	2015	06	11	G7B		UiMUX			frequency hopper
DARC	3560,0	1741	17	11	A3E	KOR	Voice of Korea (North)			heard all month 1725 - 2020, - 7 reports - // 7100
DARC	3562,0	2040	21	11	F1B	UKR	UiPTR	100	150	printer located west of Kiev
DARC	3567,0	1618	06	11	J7D	BLR	UiMUX	120	2600	MPSK-12, AT-3004-D, location Minsk
DARC	3568,0	2011	27	11	F1B	BLR	UiPTR	81	250	unid printer, location near Minsk
DARC	3572,0	2046	03	11	QPSK	HOL	UiMUX	100	100	BC-PSK, radio navigation - is legal!
DARC	3577,0	0850	29	11	A1A	I	IZ3DVW/ beacon			harmful interference S 9
DARC	3578,0	2237	27	11	F1B	BLR	UiPTR	81	250	unid printer, location near Minsk
DARC	3590,0	2037	06	11	G7B		UiMUX			frequency hopper
DARC	3600,0	2029	04	11	G7B		UiMUX			frequency hopper
DARC	3600,0	vt	vd	11	A3E	F	French Lis Amateurs			no BC, but French lis Amateurs - not respecting IARU Band Plan - heard daily 1700 - 1800
DARC	3604,0	2239	27	11	J7D	CIS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	3735,0	1622	06	11	F1B	UKR	UiPTR	45,5	500	idling
DARC	3735,0	1624	06	11	G7B		UiMUX			frequency hopper
DARC	3735,0	1753	21	11	F1B	POL	UiPTR	43	500	printer located south of Warsaw
DARC	3745,0	2000	07	11	FSK8	GEO	UiMUX	125	1750	ALE, selcalls KB1, 8GS, KBT - is GEO MIL daily
DARC	3756,0	1948	05	11	A3E	UKR	The Pip			10 tones, permanent
DARC	3756,0	2046	11	11	A3E	UKR	The Pip			UKR-pip, 10 tones, daily, UKR MIL
DARC	3782,0	2034	06	11	F1B	POR	CTP Port. Navy	75	850	calling NATO vessels, is Navy HQ Lisbon, permanent
DARC	7000,0	1751	02	11	G7B		UiMUX			frequency hopper
DARC	7000,0	2225	09	11	A3E	BLR	Radio Belarus Minsk			IM from 7105
DARC	7000,0	1618	24	11	FSK8	SEN	UiMUX	125	1750	ALE, selcalls ASD, DKJ, LNM - is French MIL
DARC	7000,0	1618	24	11	FSK8	DJI	UiMUX	125	1750	ALE, selcalls ASD, DKJ, LNM - is French MIL in Djibouti
DARC	7000,0	1537	25	11	FSK8	I	UiMUX	125	1750	ALE, selcalls 4004, DIA, L4 - Italian Carabinieri, Rome
DARC	7000,0	1558	25	11	FSK8	ALG	UiMUX	125	1750	ALE, selcalls A02, A03
DARC	7000,0	1752	26	11	FSK8	ISR	UiMUX	125	1750	ALE, selcall TSR - is Israeli Airforce
DARC	7000,0	vt	vd	11	P0N	G / CYP	Britih OTH- Radar			50-Hz-system heard 04 10 12 at 0805, 0800, 0838
DARC	7001,7	1115	12	11	J7D		UiMUX			LINK-11, unknown

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7001,8	1504	24	11	G7D	TUR	UiMUX	2k4		MIL-188-110-A, 2k4, 8PSK, 1200 bps - short - location Istanbul, commercial ship traffic
DARC	7002,0	1125	24	11	J7D	CIS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	7010,0	1040	03	11	FSK8	MKD	UiMUX	125	1750	ALE, selcalls CS002A, RS008A - location Macedonia
DARC	7011,8	0846	27	11	G7D	SER	UiMUX	2k4		MIL-188-110-A, 2k4, 8PSK, 600 bps - short - location Belgrade, Serbia
DARC	7018,0	ady	dly	11	F1B	RUS	REA4	50	1000	F1B idle, RUS AF Moscow
DARC	7030,0	0822	25	11	F1B	RUS	UiPTR	75	250	unid printer
DARC	7034,0	2026	11	11	G7B		UiMUX			frequency hopper
DARC	7038,7	vt	dly	11	A1A	UKR	beacon D			Sevastopol - heard all month 0715, 0840, 1508, 1600
DARC	7038,8	vt	dly	11	A1A	RUS	beacon P			Kaliningrad heard all month 0841 - 2030
DARC	7038,9	vt	dly	11	A1A	RUS	beacon S			located Murmansk, daily 0630 - 1733
DARC	7039,0	vt	dly	11	A1A	RUS	beacon C			Moscow daily heard 0715 - 1830
DARC	7044,0	ady	dly	11	A1A	RUS	REA4			dotter with endless strings, RUS AF Omsk
DARC	7054,0	vt	dly	11	F1B	RUS	Moscow	50	250	most idling, located Nishniy Novgorod, heard 01 - 30 at 0700 - 2130
DARC	7060,0	1733	17	11	A3E		UiBC			BC, completely distorted modulation
DARC	7060,0	0825	25	11	F1B	RUS	UiPTR	75	500	unid printer, location east of Moscow
DARC	7065,0	2045	03	11	A3E	IRN	UiBC			BC, modulation totally distorted
DARC	7090,0	1700	dly	11	A3E	BLR	Radio Minsk			splatter from Radio Minsk on 7105
DARC	7100,0	vt	08	11	A3E	KOR	Radio Korea (North)			French px (1831); typical mx (1931)
DARC	7100,0	1928	15	11	A3E	KOR	Voice of Korea (North)			at 1928 "this is Voice of Korea", S9+10dB
DARC	7100,0	vt	vd	11	A3E	ERI	Voice of the Broad Masses			Af tribal music daily 1549 - 1729
DARC	7102,0	1422	23	11	F1B	MKD	UiPTR	50	500	Baudot-ITA-2, Macedonia
DARC	7118,0	0843	05	11	F1B	RUS	UiPTR	81	250	unid printer, location Moscow
DARC	7142,0	0826	25	11	F1B	F.Ea	UiPTR	75	250	unid printer, location Far East
DARC	7149,5	0822	11	11	J7D	CIS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	7150,0	1020	01	11	FSK8	ROU	UiMUX	125	1750	ALE, selcalls VITEAZ, CODRU - is ROU MIL
DARC	7150,0	1540	13	11	G7B		UiMUX			frequency hopper
DARC	7187,0	1103	24	11	F1B	CIS	UiPTR	100	250	unid printer
DARC	7188,0	0801	30	11	F1B	RUS	UiPTR	81	250	unid printer, location east of Moscow
DARC	7193,0	1145	25	11	F1B	CIS	UiPTR	50	200	unid printer
DARC	7196,0	0827	25	11	F1B	CIS	UiPTR	81	200	unid printer
DARC	7198,0	0844	05	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location Kazan
DARC	10103,0	1451	26	11	G7B		UiMUX			frequency hopper
DARC	10112,0	1603	01	11	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, 8PSK, 600 bps long

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	10114,7	0722	05	11	F1B	RUS	UiPTR	96	1000	unid printer, location Kazan
DARC	10120,0	1036	11	11	G7B		UiMUX			frequency hopper
DARC	10120,6	0803	09	11	F1B	MRC	UiPTR	250	200	system SIEMENS-CHP200
DARC	10122,0	1037	11	11	F1B	CIS	UiPTR	100	500	unid printer
DARC	10123,0	1019	26	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location west of Kazan
DARC	10123,0	0841	27	11	F1B		UiPTR	75	250	unid printer
DARC	10125,0	0859	28	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location Moscow
DARC	10132,0	1043	03	11	F1B		UiPTR	50	850	unid printer
DARC	10133,0	1114	25	11	G7B		UiMUX			frequency hopper
DARC	10134,8	0856	25	11	G7D	ISR	UiMUX	2k4		serial modem, 2k4, 8PSK - location Israel
DARC	10136,0	1520	10	11	F1B	CIS	UiPTR	36	200	system CIS-36-50 (Bee)
DARC	10142,1	1445	10	11	MFSK	CIS	UiMUX	40	1400	CIS-36, 36 tones
DARC	10145,0	0835	27	11	P0N	G / CYP	Britih OTH-Radar			25 kHz spread
DARC	10145,5	0930	29	11	FSK8	S	SM0TSC			Amateur Radio Traffic - just info
DARC	10148,0	1057	07	11	F1B	RUS	UiPTR	81	250	unid printer, location Moscow
DARC	10148,0	1114	30	11	F1B	CIS	UiPTR	75	200	unid printer
DARC	10150,0	2037	23	11	P0N	G / CYP	Britih OTH-Radar			50-Hz-system
DARC	14000,0	0947	18	11	N0N		UiCAR			long lasting carrier
DARC	14000,0	1010	28	11	FSK8	CHN	UiMUX	125	1750	ALE, selcall 609, CHN-PRC-net
DARC	14000,0	vt	dly	11	G7B		UiMUX			frequency hopper
DK2OM	14000,0	ady	dly	11	noise	D				Plasma TV
DARC	14006,0	0755	05	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	14015,0	0818	22	11	FSK8	CHN	UiMUX	125	1750	ALE, selcalls 130, 140, 144 - PRC-net
DARC	14026,0	vt	vd	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location Moscow - heard 08 - 12, 28 at 0800 - 1300
DARC	14035,0	1111	25	11	G7B		UiMUX			frequency hopper
DARC	14045,0	1418	05	11	G7B		UiMUX			frequency hopper
DARC	14046,7	1330	dly	11	F1B	EGY	MFA Cairo	100	170	SITOR-A, very active 1300 - 1400 all month (30 reports) - with EGY Emba Pyongyang
DARC	14046,7	1330	dly	11	F1B	KRE	Egy Emba Pyongyang	100	170	SITOR-A, very active 1300 - 1400 all month (30 reports) - with MFA Cairo - selcall "OOVF"
DARC	14050,0	0739	26	11	F1B	RUS	UiPTR	75	250	unid printer, location Perm
DARC	14061,4	0840	12	11	J7D	RUS	UiMUX	120	3600	MPSK-12, AT-3004-D, location west of Moscow
DARC	14062,0	1258	28	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D
DARC	14106,0	1030	13	11	F1B	RUS	UiPTR	81	250	unid printer
DARC	14117,0	vt	vd	11	F1B	RUS	Murmansk	50	200	printer heard 02 - 05 at 0807 - 1419
DARC	14143,0	0757	26	11	J7D	RUS	UiMUX	120	2600	MPSK-12, AT-3004-D, location west Russia
DARC	14171,0	0804	10	11	F1B		UiPTR	100	250	unid printer
DARC	14216,0	1126	06	11	F1B	KAZ	UiPTR	50	1000	idling
DARC	14241,8	08040	13	11	J7D	RUS	UiMUX	75	2500	BPSK, 16 x 75 Bd, 2500 Hz shift - location east of Moscow
DARC	14280,0	vt	vd	11	A3E		UiBC			BC heard 04 05 at 0810,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										0840
DARC	14292,0	1150	17	11	F1B		UiPTR			fast reversals
DARC	14295,0	vt	14	11	A3E		UiBC			heard 0818 - 1042
DARC	14295,2	vt	vd	11	A3E	UZB	UiBC			unid BC-IM, heard 07 08 09 at 0711, 1137, 1436
DARC	14295,2	0859	27	11	A3E		UiBC			BC-IM
DARC	14325,5	1355	10	11	F1B	RUS	UiPTR	50	200	unid printer, location Murmansk – legal!
DK2OM	18000,0	ady	dly	11	noise	D				Plasma TV
DARC	18105,0	0819	10	11	FSK8	NIG	UiMUX	125	1750	ALE, selcalls 911911, 911913 – NIG MOI
DARC	21000,0	1408	09	11	P0N	G / CYP	Britih OTH-Radar			is active, 50-Hz-system
DARC	21000,0	1018	27	11	G7B		UiMUX			frequency hopper
DK2OM	21000,0	ady	dly	11	noise	D				Plasma TV
DARC	21070,0	1114	08	11	G7B		UiMUX			frequency hopper
DARC	21071,0	1116	05	11	G7B		UiMUX			frequency hopper
DK2OM	28000,0	ady	dly	11	noise	D				Plasma TV

IRTS – Ireland – EI4GXB (Ger)

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	3588,0	1610	15	11	G7D	Ui	UiMUX			FREQUENCY HOPPING TRANSMISSION
MRASZ	3596,0	1933	08	11	G7D	Ui	UiMUX			FREQUENCY HOPPING TRANSMISSION
MRASZ	3608,0	1910	08	11	G7D	USA	AWACS DATA			LINK11 TRANSMISSION
MRASZ	3610,0	1923	08	11	G7D	Ui	UiMUX			FREQUENCY HOPPING TRANSMISSION
MRASZ	3610,5	VT	VD	11	G7D	Ui	UiMUX			UNID PSK TRANSMISSION BW 500 Hz. BURST TYPE. VARIOUS BURSTS LENGTHS. TWO STATIONS IN ONE FREQUENCY.
MRASZ	3611,0	1922	08	11	G7D	Ui	UiMUX			3 TIMES APROX. 1.5 SEC BURSTS. UNID MODEM. WE HAVE NO CHANCE TO ANALYSE (ONLY 5 SECONDS OF ACTIVITY)
MRASZ	3677,0	1702	17	11	FSK2	RUS	UiPTR	81	250	81-81
MRASZ	7000,0	VD	VT	11	FSK8 (ALE)	I	UiMUX	125	1750	KF2 CALLED KF1 ONLY ONCE. IS A NEW INTRUDER COMING? Elsag Datamat COMPANY TEST.
MRASZ	7000,0	0-24	DLY	11	FSK8 (ALE)	ALG	UiMUX	125	1750	ALGERIAN FORCES NET MADE WEAK TRAFFIC. STATIONS WERE: POW, DKJ, ASD, EKK, AND SOME NEW: A01, A02, A03, RIS, TSR, IWK, NKJ, LNM, NKV

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7000,0	0-24	DLY	11	FSK8 (ALE)	I	UiMUX	125	1750	ITALIAN CARABINIERI NET. BUSY AS EVER.
MRASZ	7000,0	0-24	DLY	11	FSK8 (ALE)	I	UiMUX	125	1750	NEW: 066, 001, 833, 201 3 FIGURES UNID NET
MRASZ	7003,0	0-24	DLY	11	FSK8 (ALE)	Ui	UiMUX	125	1750	BHOPS ONLY SOUNDED NO CONTACT. THEN BH145 CALLED BHOPS. USAF IN KOSOVO?
MRASZ	7005,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	123483, 123756, 123456 UNID NET AGAIN ACTIVE
MRASZ	7010,0	0-24	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	CS - RS net
MRASZ	7010,0	VT	VD	11	G7D	MKD	UiMUX	2k4	3000	CS-RS NET DATA TRANSMISSION
MRASZ	7011,0	0-24	DLY	11	FSK8 (ALE)	MAU	UiMUX	125	1750	TXZ2 CALLED YW5. SADLY ENOUGH IT IS A NEW FREQUENCY USAGE OF MAURITANIAN UNID INTRUDER. Ex KP-66 net.
MRASZ	7014,0	0-24	DLY	11	FSK8 (ALE)	MAU	UiMUX	125	1750	TXZ3 CALLED YW1; TXZ6 CALLED YW6 MAURITANIAN UNID INTRUDER. Ex KP-66 net.
MRASZ	7014,0	0-24	DLY	11	FSK8 (ALE)	NIG	UiMUX	125	1750	NIGERIAN POLICE 411411 NET
MRASZ	7020,0	0-24	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	CS - RS net
MRASZ	7026,0	0-24	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	BEASTTOC, BEAST16, BEAST26, BEAST36,SAPPER-RENEGADE-FIGHTER NET ACTIVE.
MRASZ	7026,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	642-314 UNID NET
MRASZ	7038,5	1100	02	11	A1A	CZE	BEACON	19		OKOEA SAME PROBLEM AS MENTIONED BEFORE. UNCOORDINATED?
MRASZ	7038,7	VT	VD	11	A1A	UKR	BEACON SEVASTOPOL			BEACON D ACTIVE S5.
MRASZ	7038,8	VTT	VD	11	A1A	RUS	BEACON KALININGRAD			BEACON P ACTIVE. S5
MRASZ	7038,9	VT	VD	11	A1A	RUS	BEACON MURMANSK			BEACON S ACTIVE S3.
MRASZ	7039,0	VT	VD	11	A1A	RUS	BEACON MOSCOW			BEACON C ACTIVE. S3
MRASZ	7039,6	1100	02	11	A1A	I	BEACON	13		IZ3DVW/BEACON. UNCOORDINATED BEACON?
MRASZ	7040,0	1109	02	11	G7D	Ui	UiMUX	2k4		FREQUENCY HOPPING TRANSMISSION
MRASZ	7044,0	1500	08	11	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS
MRASZ	7054,0	1825	09	11	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS
MRASZ	7057,0	1950	08	11	FSK2	RUS	UiPTR		250	REA4 FAST

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
										REVERSALS
MRASZ	7057,0	1825	09	11	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS
MRASZ	7060,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	9056 UNID STATION SOUNDED
MRASZ	7061,0	VT	VD	11	FSK8 (ALE)	NIG	UiMUX	125	1750	NIGERIAN POLICE 411411 NET
MRASZ	7070,0	VT	VD	11	FSK8 (ALE)	GEO	UiMUX	125	1750	244-288 NET USUAL TRAFFIC POSSIBLE GEORGIAN NETWORK
MRASZ	7080,0	VT	VD	11	FSK8 (ALE)	ALB	UiMUX	125	1750	THE MYSTERIOUS NET MIGHT BE ALBANIAN MoPO. 5810 SOUNDING ONLY AS USUAL.
MRASZ	7086,0	VT	VD	11	FSK8 (ALE)	D	UiMUX	125	1750	53G CALLED G5A. IT MAYBE GERMAN ARMY AVIATORS CORPS IN BOSNIA? OTHER CALLSIGNS: 54G, 55G.
MRASZ	7086,0	VT	VD	11	F1C	Ui	UiFAX	60		60PPM FAX WEATHER CHART
MRASZ	7090,0	VT	VD	11	FSK8 (ALE)	I	UiMUX	125	1750	UNID NET 4001, 4041, 4053,
MRASZ	7092,0	0-24	DLY	11	FSK8 (ALE)	TUR	UiMUX	125	1750	UNID 4001 NET LOTS OF CALLSIGNS:
MRASZ	7100,0	VT	VD	11	FSK8 (ALE)	ALG	UiMUX	125	1750	ALGERIAN FORCES NET WITH NEW STATIONS: A01, A02, A03, RIS, ASD, EKK, POW, DKJ, IWK, NKD, NKW, TSR.
MRASZ	7107,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID ARABIC VOICE NET ALSO KNOWN AS 4378xx-NET. CALLSIGNS: 437805, 437806, 437815, 437817, 9200, 6320
MRASZ	7107,0	VT	VD	11	FSK8 (ALE)	USA	UiMUX	125	1750	ICZSPR SOUNDED US SIPRI Net Gateway, Sigonella
MRASZ	7115,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 9201-NET. CALLSIGNS: 9001, 9202.
MRASZ	7141,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 7828 SOUNDING.
MRASZ	7149,0	VT	VD	11	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING.
MRASZ	7150,0	VT	VD	11	FSK8 (ALE)	ROU	UiMUX	125	1750	UNWELCOM NEW INTRUDER. MOLDOVAN MILITARY NET: CODRU IS THE HQ. IT CALLED STATIONS AS FOLLOWS: ACORD, AUTOGRAF, AZURIU, BG99, CERCETARE, GRANIT, IZVOR, PACIFIC, BALZAM, VITEAZ. ROMANIAN LANGUAGE PHONE PATCHES AND VOICE SCRAMBLER.

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7150,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	LF1-MAX UNID
MRASZ	7160,0	0-24	DLY	11	FSK8 (ALE)	GEO	UiMUX	125	1750	VERY NEW INTRUDER: GEORGIAN MILITARY F1L-NET. F1L THE CENTRAL STATION. OTHER STATIONS: 5SJ, B24, SFS, BR3, BRR, VB4, FTT, JRB, KDD, MDK, OAA, R1B, SAS, SG1, FIL, JRB, WR3, P1B, ZAL, SIM,
MRASZ	7160,0	VT	VD	11	PSK8	GEO	UiMUX	2k4	3000	SHORT BURSTS AFTER ALE CONNECTION. GEORGIAN MILITARY F1L NET.
MRASZ	7165,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 580 AND 630 CALLED 722. 450, 411
MRASZ	7197,0	VT	VD	11	FSK8 (ALE)	TUR	UiMUX	125	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. NEW INTRUDER.
MRASZ	7200,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	NEW INTRUDER UNID ARABIC LSB NET 1002 CALLED 1006, 3060, 2060, 3070.
MRASZ	7200,0	VT	VD	11	FSK8 (ALE)	USA	UiMUX	125	1750	US MILITARY AVIATION BRIGADE IN IRAQ. CALLSIGNS: T1CAB= 1st Combat Aviation Brigade, Iraq, , T1Z, T1Z1, T1Z6, T3Z1, R26814.
MRASZ	14000,0	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID GP-NET, GP3, BA, GP
MRASZ	14000,0	VT	VD	11	FSK8 (ALE)	ALB	UiMUX	125	1750	UNID ALBANIAN NET: BURETO, BALLABANI, MALSHOV, TOPOJANI.
MRASZ	14003,0	VT	VD	11	G7D	RUS	UiMUX	1k44		AT-3004D (MS5 12 TONE MODEM)
MRASZ	14099,0	VT	VD	11	FSK2	KOR	UiPTR	600	600	NORTH KOREAN EMBASSY TRANSMISSION.
MRASZ	14120,0	VT	VD	11	FSK2	RUS	UiPTR	81	250	CIS81
MRASZ	14180,0	VT	VD	11	FSK2	RUS	UiPTR			FAST REVERSALS, REA4.
MRASZ	14193,0	VT	VD	11	G7D	Ui	UiMUX	2k4	3000	HOPPING
MRASZ	14209,0	VT	VD	11	FSK2	KOR	UiPTR	600	600	NORTH KOREAN EMBASSY TRANSMISSION.
MRASZ	14209,0	VT	VD	11	FSK2	KOR	UiPTR	600	600	NORTH KOREAN EMBASSY TRANSMISSION.
MRASZ	14249,0	VT	VD	11	FSK2	KOR	UiPTR	600	600	NORTH KOREAN EMBASSY TRANSMISSION.

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	18104,0	VT	VD	11	FSK2	RUS	UiPTR	50	250	UNID RUSSIAN RTTY.
MRASZ	21135,2	VT	VD	11	FSK8 (ALE)	Ui	UiMUX	125	1750	MAYBE IRAQI MILITARY. CALLSIGN: 72514.
MRASZ	21400,0	VT	VD	11	P0N	Ui	OTHR			RADAR

OEVSV – Austria – OE3DMA (Alex)

REP – Portugal – CT4AN (Jose Francisco)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
REP	3,5000	18.20	01	11		?	Pulse			
REP	3,5001	09.57	11	11			J3E-U			Fishermen PO+SP (Fernando) 25uV S8
REP	3,5050	20.35	12	11			J3E-U			Russian Voices + CODAN
REP	3,5220	06.12	01	11		?	Pulse			
REP	3,5340	08.07	06	11			J3R-U			Fishermen Spanish
REP	3,5500	07.02	03	11		FRA	A3E (AM)			French Amateurs INFRINGE – bandplans?
REP	3,5500	07.04	06	11		FRA	A3E (AM)			French Amateurs Perpignan INFRINGE
REP	3,5500	07.02	08	11		FRA	A3E (AM)			French Amateurs DLY INFRINGE
REP	3,5500	22.22	17	11			J3E-L			Voices (tape accelerated recordings) and talking 25uV S8 (RECORDED)
REP	3,5500	06.14	27	11		FRA	A3E (AM)			French Amateurs DLY INFRINGE 25uV S8
REP	3,5940	22.00	DLY	11		S	A1A			ADY
REP	3,5950	22.00	DLY	11		D	A1A			ADY
REP	3,5950	23.32	17	11		D	A1A			DLY + ADY 25uV S8
REP	3,6250	23.00	01	11			J3E-U			Arabic language talks
REP	3,6250	08.25	02	11			J3E-U			Arabic language talks
REP	3,6250	07.25	18	11			J3E-U			Spanish fishermen (sea to Huelva)
REP	3,6270	08.30	14	11			J3E-U			Spanish+Portuguese fishermen
REP	7,0000	07.00	12	11		ITY	J3E-L			Italian Amateurs testing mic and gains. Talking. 50uV S9 INFRINGE
REP	7,0010	10.19	11	11			J3E-U			Arab lang talking 50uV S9
REP	7,0010	02.27	27	11			J3E-L			Arab / Magreb ? talking 0.78uV S3
REP	7,0010	21.32	27	11			J3E-L			Arab language 6.3uV S6
REP	7,0080	20.40	19	11			J3E-U			Spanish fishermen talking with family
REP	7,0200	23.44	24	11			J3E-L			Arab talking 3.1uV S5
REP	7,0300	18.37	24	11			J3E-U			Spanish fishermen (sea to harbour)
REP	7,0387	22.55	17	11	UKR	D	A1A			SEVASTOPOL DLY + ADY 0.2uV S1
REP	7,0389	23.02	17	11	RUS	S	A1A			MURMANSK DLY + ADY 0.2uV S1
REP	7,0390	22.52	17	11	RUS	C	A1A			MOSCOW DLY + ADY 0.39uV S2
REP	7,0420	06.55	05	11		?	Pulse			
REP	7,0530	06.50	05	11		?	Pulse			
REP	7,0630	17.16	08	11	RUS	VOR	A3E (AM)			SAMARA. Strong spurie + intermod from Voice of Russia Broadcast on 7,1250MHz, Program "Encyclopaedia All Russia" (Arts & Culture) 5KuV S9+40dB
REP	7,0980	07.45	15	11		?	F1B	60	425	
REP	14,015	09.17	08	11			J3E-U			Spanish fishermen talking 1.6uV S4
REP	14,025	09.44	08	11		?	F1B			SITOR-A. Permanent. With no

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
										traffic 12.5uV S7
REP	14,077	07.30	03	11			A3E (AM)			Sequential musical tones repeated each 5 min. ALE ?? 0.2uV S1
REP	14,160	11.00	16	11	ITY	I1YRS	A1A			Italian Beacon out of IARU-R1 Recommendations. INFRINGE
REP	21,220	12.00	16	11	ITY	I1YRS	A1A			Italian Beacon out of IARU-R1 Recommendations. INFRINGE

Some additional notes:

- 1) Fishermen activity seems to be increased, but after announcement manifest of their intrusion and abuse, the QRT is immediate and their presence is not lately evidenced.
- 2) The PTP Arabic traffic on 3,625MHz seems to be ended for now as well.

RSGB - Great Britain – G4BOH (Chris)

Society	kHz	UTC	DD	MM	CTRY	IDENT	MODE	REMARKS
RSGB	7064 var.	1600-1730	Mon. to Fri.	11	Iran	Voice of the Islamic Republic of Iran.	A3E	Spur from BC station on 7125 kHz. First heard on 20th. Last heard on 25th. Reported to Baldock on 20th. Message sent to Teheran.

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	7000,0	0830-0915	30	11		UiPTR	F1B	250	
SRAL	7013,5	0600-0800	18	11		UiMUX	F7		Idle 40 Hz
SRAL	7018,0	0600-0700	28	11		UiPTR	F1B	250	Spur from 7054 kHz
SRAL	7018,0	1100-1600	dly	11		UiPTR	F1B	1000	
SRAL	7030,0	0730-0930	18, 25	11		UiPTR	F1B	250	
SRAL	7038,7	h24	dly	11	UKR	D	A1A		Sevastopol
SRAL	7038,8	h24	1-16	11	RUS	P	A1A		Kaliningrad
SRAL	7038,9	h24	dly	11	RUS	S	A1A		Severomorsk/Murmansk
SRAL	7039,0	h24	dly	11	RUS	C	A1A		Moscow
SRAL	7050,0	0610	11	11		UiCW	A1A		MR 5BL
SRAL	7054,0	0400-0800	dly	11	RUS	UiPTR	F1B	200/250	25 Hz dotter.
SRAL	7083,0	0800-0820	2	11		UiCW	A1A		“0” hand key
SRAL	7090,0	0600-0700	28	11		UiPTR	F1B	250	Spur from 7054 kHz
SRAL	7098,0	0700-1530	*	11		UiPTR	F1B	250	Days 6, 13, 15, 16 & 18
SRAL	7108,0	1130-1200	6	11		UiPTR	F1B	500	
SRAL	7118,0	1330-1400	19	11		UiMUX	F7		
SRAL	7142,0	0800-1130	*	11		UiPTR	F1B	250	Days 7, 15, 23 & 25
SRAL	7142,8	0845-1100	15	11		UiCW	N0N		
SRAL	7144,0	0630-0800	7	11		UiMUX	F7		
SRAL	7149,0	0630-0730	5	11		UiPTR	F1B	500	
SRAL	7162,0	1130-1200	7	11		UiPTR	F1B	250	

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	7188,0	0730-1030	*	11		UiPTR	F1B	228	38 Hz dotter, days 3, 8, 13 & 15
SRAL	7188,0	0800-1000	19	11		UiMUX	F7		
SRAL	7193,0	1100-1400	*	11		UiPTR	F1B	200	Days 21, 25 & 26
SRAL	7196,0	1040	1	11		UiPTR	F1B	160	40 Hz dotter
SRAL	14084,0	0820	13	11		UiPTR	F1B	250	
SRAL	14345,0	0820	13	11		UiPTR	F1B	500	

URE – Spain - EA1AHO (Jose)

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7000.0	2106	19	11	I	2211	FSK8	125	1750	MIL 188-141A, ALE vt daily This was: 2211
USKA	7010.0	0903	19	11	MKD	RS0011	FSK8	125	1750	MIL 188-141A, ALE vt daily To: CS0 This is: RS0011
USKA	7018.0	1808	01	11	RUS	REA4	F1B	50	1000	idling, Moscow daily
USKA	7026.0	1547	21	11			F1B	125	1750	MIL 188-141A, ALE
USKA	7027.0	1729	23	11			F1B	50	250	unid printer
USKA	7030.0	1832	22	11			F1B	75	250	unid printer
USKA	7036.4	1437	16	11			F1B	50	250	unid printer
USKA	7038.7	1551	01	11	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7038.9	1752	01	11	RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	1753	01	11	RUS	C	A1A			Beacon C Moscow daily
USKA	7039.3	2127	18	11		K	A1A			Beacon K Petropavlovsk
USKA	7044.0	1758	01	11	RUS	REA4	A1A			fast Dots only, Omsk, daily
USKA	7054.0	2312	11	11	RUS		F1B	50	200	unid printer, Nizhniy Novgorod
USKA	7088.0	2205	19	11			F1B	75	200	unid printer
USKA	7088.6	2034	17	11			A1A			letter G only, continuous
USKA	7089.0	1809	21	11	BLR		A3E			Splatter from 7105 kHz
USKA	7095.0	2059	28	11		F1L	FSK8	125	1750	MIL 188-141A, ALE To: BR3 This is: F1L
USKA	7095.0	2101	28	11		DMC	FSK8	125	1750	MIL 188-141A, ALE To: F1L This is: DMC
USKA	7095.0	2104	28	11			FSK8	125	1750	MIL 188-141A, ALE To: BRR
USKA	7095.0	0615	29	11		VB4	FSK8	125	1750	MIL 188-141A, ALE To: FTT This is: VB4
USKA	7095.0	vt	dly	11			FSK8	125	1750	MIL 188-141A, ALE: BR3; F1L; BRR; DMC; JRB; SAS; SFS; SG1; 5SJ; ZAL; FTT; VB4
USKA	7098.0	1431	16	11			F1B	75	250	unid printer
USKA	7102.0	1423	23	11			F1B	50	500	Baudot ITA2
USKA	7142.0	0917	23	11			F1B	75	250	unid printer
USKA	7144.0	0835	23	11			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	7144.0	1104	29	11			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	7160.0	0648	23	11		MAX	FSK8	125	1750	MIL 188-141A, ALE To: LF1 This is: MAX
USKA	7192.0	1302	26	11			F1B	50	200	unid printer
USKA	14026.0	1207	12	11			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14046.6	1332	16	11			F1B	100	170	Sitor A
USKA	14061.0	1204	12	11			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14089.3	0857	23	11			QPSK	75		Tones 300Hz spacing, Groupes 450Hz PRC4+4?
USKA	14228.4	1157	12	11			F1B	600	600	unid printer
USKA	14240.4	0812	07	11			F1B	75	250	unid printer
USKA	14325.5	1043	12	11			F1B	50	200	unid printer
USKA	14332.0	1049	12	11			F1B	81	250	unid printer

Veron – Netherlands – PA0GRU (Dick) – Part 1

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7000,0	12.33	24	11		UiILL	J3U-e		Unknown language, male/female voices
VERON	7018,0	14.02	vd	11	RUS	UiPtr	F1B	1000	21.07 utc, Ptr/Revs, Airforce, 10 days
VERON	7018,0	14.43	26	11	RUS	REA4	F1B	1000	Revs, Ptr
VERON	7038,7	06.45	vd	11	UKR	D	A1A		20.30 utc, beacon D, 14 days
VERON	7038,8	15.20	14	11	RUS	P	A1A		beacon P, located Kaliningrad
VERON	7038,9	06.45	vd	11	RUS	C	A1A		21.15 utc, beacon Moscow, 14 days
VERON	7038,9	06.45	vd	11	RUS	S	A1A		18.04 utc, beacon S, 12 days
VERON	7039,3	06.45	vd	11	RUS	K	A1A		18.04 utc, beacon Kamchatka, 11 days
VERON	7039,4	07.00	vd	11	RUS	M	A1A		18.04 utc, beacon Madagan, 8 days
VERON	7044,0	15.41	17	11	RUS	REA4	A1A		(5F)= REA4 K
VERON	7044,0	18.37	19	11	RUS	REA4	A1B		dotter
VERON	7044,0	14.02	20	11	RUS	REA4	A1B		dotter
VERON	7050,0	08.35	27	11	RUS	RGT77	A1A		RGT77 419=(5BL)= K
VERON	7054,0	07.33	vd	11	RUS	UiPtr	F1B	250	20.33 utc, Ptr/Revs, 4 days
VERON	7070,1	16.27	7	11		UiCW	A1A		mixture of letters and figures
VERON	7088,0	07.44	13	11		UiCW	A1A		long strings of cyrillic letters QRQ
VERON	14092,0	07.25	13	11	RUS	RGT77	A1A		RGT77 233= (5BL)= K
VERON	14092,0	10.30	19	11	RUS	RGT77	A1A		RGT77 534= (5BL)= K
VERON	14092,0	08.25	20	11	RUS	WEGI	A1A		XXX WEGI WEGI 49826 WELXANIN
VERON	14092,0	08.35	27	11	RUS	RGT77	A1A		RGT77 419=(5BL)= K (parallel 7050 KHz)
VERON	14106,0	08.15	13	11	CIS	UiPtr	F1B	250	Revs, Ptr
VERON	14116,0	08.10	13	11	CIS	UiPtr	F1B	250	Ptr
VERON	14350,0	14.05	15	11	RUS	UiILL	J3U-e		Russian male voices

Veron – Netherlands – PA0GRU (Dick) – Part 2

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
VERON	3504,0	17.29	9	11		UiILL	J3E-u			fishery-encrypted
VERON	3507,0	22.44	11	11	RUS	UiILL	J3E-u			Russian male,
VERON	3508,0	20.14	20	11		UiILL	J3E-u			Slavic male, military
VERON	3552,0	19.30	11	11		UiPtr	F1B			Idling
VERON	3555,0	20.05	5	11	CIS	UiMUX	J7D			MPSK 12 channels
VERON	3560,0	20.04	14	11		UiILL	J3E-u			fishery, Scandinavian male
VERON	3572,0	vt	vd	11		UiPTR	F1B		100	idling, 2 days
VERON	3588,0	18.43	14	11		UiPtr	F1B			Ptr
VERON	3608,0	20.25	4	11	CIS	UiPTR	F1B		235	Ptr
VERON	3653,0	16.33	15	11		UiMUX	J7D			rushing noise
VERON	3731,0	vt	vd	11		UiMUX	J7D			MPSK-12, 3 days
VERON	3732,0	17.02	6	11		OTHR	PON			radar noise+ 7/11 16.47 utc
VERON	3735,0	15.57	30	11		UiMUX	J7D			MPSK-12
VERON	3735,0	16.50	vd	11	CIS	UiPTR	F1B		500	19.51 utc, Ptr/Revs 7 days
VERON	3740,0	16.00	30	11		UiMUX	J7D			MPSK-12
VERON	3747,0	20.13	13	11	CIS	UiMUX	J7D			MPSK 12 channels
VERON	3749,0	15.23	5	11		UiMUX	J7D			MPSK-12
VERON	3749,0	19.50	5	11	CIS	UiPTR	F1B		250	Ptr
VERON	3782,0	17.00	vd	11	CIS	UiPTR	F1B		850	20.15 utc, Ptr, 4 days
VERON	3782,0	19.35	11	11	CIS	UiPTR	F1B		1000	Ptr
VERON	7006,0	15.37	21	11		UiCW	A1A			dots
VERON	7017,5	vt	vd	11		UiPTR	F1B		1000	printer, 3 days
VERON	7018,0	vt	vd	11		UiPtr	F1B			Revs
VERON	7018,0	16.27	vd	11	RUS	UiPTR	F1B	50	1000	20.21 utc, Ptr, 8 days
VERON	7030,0	14.48	27	11		UiPtr	F1B			Ptr

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
VERON	7030,0	10.27	6	11	RUS	UiPTR	F1B		235	Ptr
VERON	7038,7	vt	vd	11	UKR	D	A1A			Located Sevastopol, 12 days
VERON	7038,8	vt	vd	11	RUS	S	A1A			Located Murmansk, 18 days
VERON	7038,8	vt	vd	11	RUS	P	A1A			P-beacon
VERON	7038,9	vt	vd	11	RUS	C	A1A			located Moscow, 15 days
VERON	7039,2	16.28	12	11	RUS	K	A1A			beacon Kamchatka
VERON	7044,0	vt	vd	11		REA4	A1A			Dotter
VERON	7050,0	14.28	11	11		OTHR	PON			radar, 3kHz wide
VERON	7054,0	15.45	vd	11	RUS	UiPTR	F1B		180	20.22 utc, Revs, 5 days
VERON	7077,0	14.23	11	11		OTHR	PON			radar
VERON	7142,0	09.37	10	11	CIS	UiPTR	F1B		250	Ptr
VERON	7172,0	14.18	11	11		OTHR	PON			radar, 2,9kHz wide
VERON	10100,8	14.02	11	11		UiPTR	F1B		500	printer
VERON	10112,0	ady	dly	11	TUR	UiMUX	G7B	2k4		8PSK, Stanag, 3 days
VERON	10147,0	14.07	11	11		UiMUX	J7D			MPSK-18??
VERON	10149,1	14.15	11	11		UiMUX	J7D			MPSK-8
VERON	14029,5	13.35	11	11		UiMUX	J7D			MPSK-8
VERON	14036,0	15.12	19	11		UiMUX	G7B			frequency hopper
VERON	14106,0	vt	vd	11		UiPtr	F1B			Ptr
VERON	14110,0	13.40	11	11		UiMUX	J7D			MPSK-12
VERON	14117,0	09.53	3	11	CIS	UiPTR	F1B		200	Ptr
VERON	14120,0	12.27	27	11		UiPtr	F1B			Revs
VERON	14141,0	10.12	5	11	CIS	RIW	A1A			RGV de RIW k followed by 5F
VERON	14160,0	09.35	17	11		UiCAR	NON			Carrier
VERON	14235,0	10.01	7	11	CIS	UiPTR	F1B		200	Ptr
VERON	14240,0	10.05	7	11	CIS	UiPTR	F1B		200	Ptr
VERON	14265,0	13.52	11	11		OTHR	PON			radar
VERON	14268,0	09.43	19	11		UiMUX	J7D			MPSK 12 channels
VERON	14272,0	09.41	10	11	CIS	UiPTR	F1B		500	Ptr
VERON	14280,0	09.16	5	11		UiILL	J3E-u			code words spoken by MG voice (female)
VERON	14292,0	09.28	17	11		UiPtr	F1B			Revs/Ptr
VERON	14325,0	10.28	11	11	CIS	UiPTR	F1B		180	Ptr
VERON	14325,0	09.44	10	11	CIS	UiPTR	F1B		180	Ptr
VERON	14325,0	vt	vd	11		UiPtr	F1B			Revs/Ptr
VERON	14325,5	13.57	11	11		UiPTR	F1B		200	printer
VERON	14332,0	09.38	12	11		UiPtr	F1B			Ptr
VERON	21051,1	13.14	11	11		UiMUX	J7D			MPSK-8
VERON	21113,0	13.16	11	11		UiMUX	J7D			MPSK-8
VERON	24898,8	14.43	19	11		UiMUX	J7D			MPSK-8
VERON	24899,0	13.07	11	11	CYP	OTHR	PON			50Hz-system
VERON	24902,5	vt	vd	11		UiCAR				Strong carrier, 2 days
VERON	24960,0	vt	vd	11		UiMUX	J7D			MPSK-8, 2 days
VERON	24963,5	14.47	19	11		UiCAR				Strong carrier
VERON	28262,0	14.47	4	11		UiMUX	J7D			MPSK-8, 2 days
VERON	28313,9	14.38	19	11		UiCAR				Strong carrier
VERON	28320,0	12.56	11	11		OTHR	PON			50Hz-system

IARUMS Region 1

Merry Christmas and a peaceful and healthy new year!

Manual 2006, Monitoring Template, WAV-files, Fishery Buoys on 10m, Latest Intruder News, Co-ordinator's Corner, Newsletter Collection, Important Links, Contacts, Image Gallery, History of IARUMS Region 1, ITU Informations, the Story of Ron Roden's Life, Successful Actions, Bandplans, Frequency Allocation Tables, ITU Monitoring Reports and Soundfiles are available on:
<http://www.iarums-r1.org>

Many thanks for your interest!

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IARUMS Region 1

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