



Monitoring System

DK2OM – Wolf Hadel
Co-ordinator of IARUMS Region 1
Editor of the Newsletter

DJ9KR – Uli Bihlmayer
Vice Co-ordinator of IARUMS Region 1
Editor of the German Overview

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 ++ EARA: SU1KM – Mohamed ++
++ IRTS: EI4GXB - Ger ++ MARL: 9H1M – Dominic ++ MRASZ: HA7PL - Laci ++ OEVS: 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) ++ 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 Wavecom decoders

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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 one year.
The range from 100 kHz is 30 MHz is concerned from 07 – 24 UTC!**

2. **3585 kHz – legal weatherfax from South Korea**

I observed a weatherfax on 3585 kHz transmitting in F1C daily, all day, but only audible in Europe after 16 utc. The parameters: 120 rpm – IOC 576. The transmissions are legal in Region 3 as the German PTT (BNetzA) told me. The 80 m is a shared band, so there is no reason for further complaints. **Screenshot below!**

3. **7089.9 kHz – weatherfax from Odessa, Ukraine**

We found a weatherfax on 7089.9 kHz with daily transmissions at 1340 utc. The parameters: 60 rpm – IOC: 576, shift 770 Hz, transmitting from an old fax machine. The German PTT (BNetzA) has been informed. Screenshot on the end of this letter.

4. **Russian OTH Radar ABM2 – “Steelyard” back again**

The Russian OTH radar ABM2 returned to 14300 kHz. It was often audible in the morning hours with 50 pulses/sec. Possibly from the area of Moscow or east of Moscow.

5. **Homepage <http://www.iarums-r1.org> - updates**

Our homepage has been updated (as usual). Now you can use our Intruderlogger or the link to the Dutch SDR-receiver (homepage, left side). Newcomers should read Uli's PPS concerning "How to install an intruderwatch...". The Image Gallery and the History have been updated, too.

6. **SU1KM - Mohamed – now EARA MS-Coordinator**

SU1KM, Mohamed, is the new MS-Coordinator of the Egyptian Amateur Radio Assembly EARA since January 2009. Mohamed is welcomed to our increasing family with pleasure. Now we have 16 members in our R1 Monitoring Team!



**SU1KM, Mohamed, in Cavtat at the Region 1 Conference 2008,
photographed by OD5RI**

Mohamed Al-Kafrawi is the General Secretary of EARA. In the meantime MFA Cairo left our 14 MHz-band. Thanks to Mohamed for contacting the Egyptian authority NTRA and his great success!

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/>

**WX-fax on 3585 kHz – ident “HLL”, legal transmissions from Kimpo in South Korea
screenshot: DK2OM with Wavecom W61**



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 January, 2009

ARSK National IARUMS Co-ordinator, E.H.M. Alleyne, 5Z4NU, was not able to establish a report for January due to health problems. We wish him a good recovery after his operation!

ARSK – Kenya – 5Z4NU (Ted)

Not available!

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3500,0			01			Notice:	The range 3500 - 3800 is also allocated to the Fixed and Mobile Service on a Primary Basis
DARC	3500,0	1742	10	01	J3E-U	E	UiILL	Spanish fishery, using SSB-USB and also voice scrambler CRY-2001
DARC	3500,0	1639	11	01	J3E-U	RUS	UiILL	male net in Russian voice
DARC	3500,0	1647	28	01	J3E-U	HOL	UiILL	Dutch fishery
DARC	3500,0	1648	29	01	J3E-U	GRC	UiILL	Greek male voices, to 3505
DARC	3500,0	vt	vd	01	J3E-U	E	UiILL	Spanish fishery heard 01 05 06 09 10 20 29 31 at 1700 - 1930
DARC	3500,4	1659	20	01	J3E-U	E	UiILL	Spanish fishery
DARC	3505,0	1656	29	01	J3E-U	GRC	UiILL	Greek male voices, from 3500
DARC	3520,0	0906	02	01	J3E-U	N.Eu	UiILL	Scandinavian fishery
DARC	3520,0	2103	03	01	J3E-U	E	UiILL	Spanish fishery
DARC	3530,0	2106	28	01	J3E-U	N.Eu	UiILL	Scandinavian male voices
DARC	3535,0	1654	02	01	J3E-U	E	UiILL	Spanish fishery heard 01 05 06 09 10 20 29 31 at 1700 - 1930
DARC	3535,0	1846	04	01	J3E-U	RUS	UiILL	net in Russian voice, male persons
DARC	3535,0	2130	06	01	J3E-U	N.Eu	UiILL	pirates from Scandinavia
DARC	3535,0	1612	27	01	J3E-U	HOL	UiILL	Dutch fishery
DARC	3535,5	1852	12	01	J3E-U	N.Eu	UiILL	Scandinavian voices
DARC	3536,0	2009	02	01	J3E-U	TUR	UiILL	net in Turkish voice
DARC	3540,0	1941	04	01	J3E-U	F	UiILL	French fishery
DARC	3540,0	1857	14	01	J3E-U	E	UiILL	Galician fishery
DARC	3540,0	1950	22	01	J3E		UiILL	unid vocoder "YAKHTA"-Key: 100 Bd / 150 Hz
DARC	3550,0	0811	03	01	A3E	F	French Lis Amateurs	active
DARC	3550,0	0813	15	01	A3E	F	French Lis Amateurs	heard F8IM (André), F6ACB (Roland), 8IF (or is it 8IS?) - AM in CW section of 80-m-band
DARC	3550,0	vt	22	01	A3E	F	French Lis Amateurs	French lis hams heard: F6AII (Christian), F8BSV (Alain), F6ACB (Roland), Henri-Paul, Michel - heard 0850 - 0900
DARC	3550,0	1426	31	01	J3E-U	HOL	UiILL	Dutch fishery
DARC	3556,0	1019	22	01	J3E-U	HOL	UiILL	Dutch fishery

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3560,0	1827	11	01	J3E-U	N.Eu	UiILL	Scandinavian voices
DARC	3570,0	2037	20	01	J3E-U	RUS	UiILL	male net in Russian voice
DARC	3573,0	1554	27	01	J3E-U	HOL	UiILL	Dutch fishery
DARC	3580,0	vt	vd	01	J3E-U	F	UiILL	French fishery, heard 22 23 at 1025, 0927
DARC	3597,2	1705	02	01	A3E	F	French Lis Amateurs	big net
DARC	3600,0	vt	vd	01	A3E	F	French Lis Amateurs	heard 02 04 05 22 around 1700
DARC	6999,0	vt	15	01	J3E-U		UiILL	male persons in French language, heard 0930, 1124
DARC	7000,0	vt	18	01	A3E	F	French Lis Amateurs	heard 0900 - 0947
DARC	7000,0	vt	vd	01	J3E	F.Ea	UiILL	pirates from Far East, using USB and also LSB
DARC	10101,0	1935	10	01	J3E-U	M.Ea	UiILL	unid pirates
DARC	10101,0	1415	13	01	J3E-U	MRC	UiILL	Moroccan fishery
DARC	10121,5	1047	19	01	J3E-U	E	UiILL	2 male voices in Spanish, "cambi" and "patron"
DARC	10127,5	0805	15	01	J3E-U	MRC	UiILL	2 male voices in Arabic, MRC fishery
DARC	10130,0	1909	27	01	J3E-U	MRC	UiILL	Moroccan fishery
DARC	10130,8	0832	18	01	J3E-U		UiILL	male voice
DARC	10131,0	1412	08	01	J3E-U	TUR	UiILL	male persons in Turkish voice
DARC	10135,0	1047	19	01	J3E-U	MRC	UiILL	male voices
DARC	10136,0	1026	13	01	J3E-U	F	French Lis Amateur F6CDN	no SSB in Band 10 due to IARU Rules!
DARC	10141,2	1726	15	01	J3E-U	MRC	UiILL	Moroccan fishery
DARC	10147,0	1420	07	01	J3E-U	F.Ea	UiILL	pirates from Far East
DARC	10150,0	1618	10	01	J3E-U	S.Ea	UiILL	possibly Sri Lankan fishery
DARC	10150,0	0805	15	01	J3E-U	E	UiILL	2 unid male voices in Spanish, "cambio"
DARC	10150,0	0948	17	01	J3E-U	E	UiILL	Spanish fishery, using SSB-USB and also voice scrambler CRY-2001
DARC	10150,0	1812	26	01	J3E-U	MRC	UiILL	Moroccan fishery
DARC	14000,0	1040	11	01	J3E-U	?	UiILL	male person calling "Radio Check" (is this again UNIFIL forces coming back?)
DARC	14000,0	1616	25	01	J3E-U	E	EA7	Spanish pirates using call "EA7"
DARC	14000,0	vt	vd	01	J3E-U	CLN	UiILL	fishery from Sri Lanka (Ceylon Island), heard 02 - 16 at 0942, 1120, 1400
DARC	14000,6	1033	11	01	J3E-U	RUS	UiILL	male person in Russian voice
DARC	14001,0	1133	26	01	J3E-U	CLN	UiILL	pirates from Sri Lanka
DARC	14001,2	0905	20	01	J3E-U	CLN	UiILL	pirates in Tamil language
DARC	14015,0	1645	20	01	J3E-U	E	UiILL	Spanish fishery
DARC	18100,0	1118	05	01	J3E-U		UiILL	pirates in Arab voice

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
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	3500,0	vt	dly	01	FSK8	TUR	Turkish Red Crescent	125	1750	ALE, selcalls 2010, 2011, 2015, daily
DARC	3500,0	2225	11	01	XXX	I	UiMUX			wideband rushing noise, 3440 - 3540 kHz
DARC	3503,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT20, BK21 - is ALG MIL, daily
DARC	3503,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcall ZT20 - is ALG MIL, daily
DARC	3508,0	2024	27	01	G7B		UiMUX			frequency hopper

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3515,0	2231	15	01	G7B		UiMUX			frequency hopper
DARC	3516,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT30, KF31 - is ALG MIL, daily
DARC	3517,8	1846	27	01	G7D		UiMUX	2400		Stanag-4285, 2k4, 8PSK, daily at different times
DARC	3518,8	0743	12	01	G7B		UiMUX			Link-11 -slew, unid
DARC	3519,0	0830	27	01	G7D		UiMUX			Link-11, unid
DARC	3525,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT10, RH13 - is ALG MIL, daily
DARC	3526,0	2121	06	01	J7D	CIS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3527,0	2246	08	01	F1B	RUS	UiPTR	50	200	idling, lodcation North East Russia
DARC	3533,8	vt	vd	01	J7D	F	UiMUX			Link-11, heard 19 20 21 at 2212, 1656, 1950 - location Brest, France
DARC	3535,0	2130	06	01	G7B		UiMUX			frequency hopper
DARC	3538,0	1758	20	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D, location West of Kiev
DARC	3545,0	2002	21	01	J7D	MDA	UiMUX	120		MPSK-12, AT-3004-D, Moldavia
DARC	3550,0	0811	03	01	A3E	F	French Lis Amateurs			no BC but French lis Amateurs, daily
DARC	3550,0	vt	dly	01	FSK8	F	UiMUX	125	1750	ALE, selcall DRI - is French Forces (?), daily
DARC	3550,0	vt	vd	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D, daily all month, heard 1812 - 1949 - location is Sevastopol
DARC	3553,8	1713	05	01	G7D	TUR	UiMUX	2400		STANAG-4285, 2,4, 8PSK, 600 bps long, is Turkish MIL, daily 0700 - 1830
DARC	3555,0	2017	20	01	J7D	LVA	UiMUX			MPSK-12, AT-3004-D, location Riga
DARC	3558,0	1748	10	01	J7D	CIS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3559,0	1830	27	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D
DARC	3560,1	1708	02	01	A3E	KRE	Voice of Korea (North)			active daily
DARC	3561,0	1853	05	01	F1B	RUS	UiPTR	75	200	unid printer
DARC	3562,0	1747	04	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location area of Volgograd
DARC	3562,4	1928	23	01	F1B	POL	UiPTR	100	140	unid printer, idling, location North of Warsaw
DARC	3563,0	2300	22	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3565,0	vt	dly	01	FSK8	GEO	UiMUX	125	1750	ALE, selcalls KBT, 8GS - is Georgian MIL, daily
DARC	3565,0	2004	21	01	G7D		UiMUX	2400		MIL-188-110A, 2k4, 8PSK - , data traffic and scrambled voice, unid
DARC	3566,0	1846	30	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	3568,0	1746	11	01	F1B	RUS	UiPTR	50	250	unid printer, location near Moscow, heard all month 1746 - 2138
DARC	3568,0	1928	17	01	F1B	F	UiPTR	75	850	Stanag-5065 FSK, location Nantes
DARC	3568,0	vt	vd	01	J7D	UKR	UiMUX	120		MPSK-12, AT-3004-D, daily all month, heard 1633 - 1943, location is Kiev
DARC	3570,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT40, YH6 - is ALG MIL, daily
DARC	3572,0	ady	dly	01	QPSK	HOL	UiMUX	100	100	QPSK, "BC-PSK", permanent
DARC	3572,0	ady	dly	01	QPSK	HOL	UiMUX	100	100	Dutch radio navigation, permanent – legal!
DARC	3574,0	2052	18	01	F1B	F.Ea	UiPTR	200	500	unid printer, Far East

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3583,0	1619	19	01	FSK8		UiMUX	125	1750	ALE, selcalls VFK, 02W, unid
DARC	3583,0	1650	19	01	G7B		UiMUX			frequency hopper
DARC	3584,4	1634	19	01	G7D		UiMUX	2400		MIL-188-110A, 2k4, 8PSK - unid
DARC	3586,6	1713	05	01	J7D		UiMUX	2k	2600	RFSM-modem 2000 Bd, 8PSK, unid MIL
DARC	3588,0	1836	27	01	F1B	CIS	UiPTR	75	250	unid printer
DARC	3590,0	1856	01	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3593,7	2352	31	01	A1A	UKR	beacon D			is active - Sevastopol
DARC	3593,9	2352	31	01	A1A		beacon S			is active
DARC	3596,8	2045	31	01	J7D		UiMUX			NATO-Link-11, unknown location
DARC	3597,2	1705	02	01	A3E	F	French Lis Amateurs			no respect of IARU Bandplan: No AM in CW section!
DARC	3600,0	1628	11	01	A3E	F	French Lis Amateurs			calls heard F6CNK, F1APJ, F6END, FITZO, F6BIR
DARC	3600,0	vt	vd	01	A3E	F	French Lis Amateurs			heard 02 04 05 22 at 1707, 1719, 1707, 1749
DARC	3602,0	2112	22	01	F1B	RUS	UiPTR	75	250	unid printer, idling
DARC	3602,4	1753	17	01	F1B	UKR	UiPTR	60	500	unid printer 59,5 Bd
DARC	3608,0	2012	01	01	F1B	RUS	UiPTR	50	200	location is West Russia
DARC	3608,0	2252	05	01	F1B	LTU	UiPTR	50	200	location Vilnius, LTU
DARC	3608,0	2301	22	01	F1B	RUS	UiPTR	75	250	unid printer
DARC	3611,8	1748	29	01	J7D	LBN	UiMUX			Link-11, possibly UNIFIL off the LBN coast
DARC	3611,8	vt	vd	01	J7D	ISR	UiMUX			Link-11, heard 08 10 at 1723, 1810
DARC	3616,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls KF35, ZT30 - is ALG MIL, daily
DARC	3620,0	1740	28	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3621,5	1735	26	01	F1B	BLR	UiPTR	81	250	unid printer, location Minsk
DARC	3640,0	1130	16	01	FSK8	UZB	UiMUX	125	1750	ALE, selcalls RADAR90RS1006, TUMOR02RS1006 - is UZB MIL
DARC	3640,0	1932	23	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D. location Kiev
DARC	3640,0	1932	23	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D
DARC	3642,5	2054	15	01	F1B	RUS	UiPTR	81	250	unid printer
DARC	3645,0	1854	30	01	FSK8	GEO	UiMUX	125	1750	ALE, selcalls 2BR and 3BR, is Georgian MIL
DARC	3674,0	2025	21	01	F1B	SVK	UiPTR	187	500	Slovakian diplo
DARC	3680,0	2022		01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls CY45, RM50 - is Algerian MIL, daily
DARC	3702,0	2235	25	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3705,0	1742	28	01	A1A	UKR	URJ			encrypted morse, Cyrillic letters, callsign URJ - is UKR Military
DARC	3708,0	1821	31	01	G7B		UiMUX			frequency hopper
DARC	3710,0	0908	28	01	J7D		UiMUX			Link-11, unid
DARC	3710,2	2317	22	01	QPSK		UiMUX			Link-11, 14 x 75 Bd, QPSK
DARC	3710,2	1814	31	01	J7D	F	UiMUX			Nato-Link-11, location Corsica Island, France
DARC	3713,8	1744	28	01	J7D	F	UiMUX			Link-11, location South East France
DARC	3713,8	2039	29	01	J7D	BIH	UiMUX			NATO-Link-11, location Bosnia-Herzegovina
DARC	3714,0	2102	08	01	G7B		UiMUX			frequency hopper
DARC	3715,9	2100	08	01	F1B	SVK	UiPTR	150	500	printer already heard 6 Jan 08, located East Slovakia

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3716,0	2307	23	01	J7D	RUS	UiMUX			MPSK-12, AT-.3004-D
DARC	3716,0	1705	29	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	3728,7	1620	30	01	G7B		UiMUX			CODAN-9001, 16 x 75 Bd, unid
DARC	3730,0	1940	13	01	G7B		UiMUX			frequency hopper
DARC	3730,0	1704	29	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	3732,0	1812	31	01	F1B	RUS	UiPTR	75	200	unid printer
DARC	3735,0	vt	dly	01	FSK8	EGY	UiMUX	125	1750	ALE, selcall 1324, is Egyptian Border Guards (?)
DARC	3735,0	vt	vd	01	F1B	POL	UiPTR	49	500	location South of Warsaw, heard 05 - 27 every day at 1604 - 1922, mostly idling
DARC	3743,0	2309	23	01	F1B	RUS	UiPTR	75	500	unid printer
DARC	3745,0	2140	06	01	FSK8	GEO	UiMUX	125	1750	ALE, selcalls 2BR, BRN, 8GS - is Georgian MIL, daily
DARC	3745,0	1746	10	01	J7D	CIS	UiMUX			MPSK-12, AT-3004-D
DARC	3745,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT50, QX47, QX51 - is ALG MIL
DARC	3745,0	vt	dly	01	FSK8	GEO	UiMUX	125	1750	ALE, selcalls 8GS, BRN - is Georgian MIL, daily
DARC	3749,9	0650	07	01	F1B	CIS	UiPTR	41	500	unid printer FROST-1
DARC	3750,0	1834	11	01	J7D	BLR	UiMUX	120		MPkSK-12, AT-3004-D, location North East of Minsk
DARC	3753,7	2045	21	01	G7B	GRC	UiPTR	2400		Link-11-slew, 8PSK
DARC	3756,0	1859	01	01	A3E	UKR	The Pip			Ukrainian MIL, channel marker ?, permanent
DARC	3764,4	1547	01	01	F1B	HOL	PBH	75	850	printer, permanent
DARC	3772,0	2200	06	01	F1B	UKR	UiPTR	100	500	unid printer, online encrypted
DARC	3782,0	1550	dly	01	F1B	POR	CTP	75	850	printer, POR Navy HQ Lisbon, permanent
DARC	3791,0	1844	11	01	J7D	BLR	UiMUX	120		MPkSK-12, AT-3004-D, location West of Minsk
DARC	3791,0	1703	29	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	3795,0	1728	08	01	F1B	UKR	UiPTR	81	250	unid printer location South West of Kiev
DARC	3795,0	1830	vt	vd	OFDM	F	UiMUX			OFDM 51 tones, WinDRM 37,5 Bd, location Paris - heard 13 14 15 at 1830
DARC	7000,0	1650	08	01	FSK8		UiMUX	125	1750	ALE, selcall 2211
DARC	7000,0	vt	15	01	A3E		UiBC			px in Russian, sometimes suddenly off, QSA4, heard 1610 - 1611
DARC	7000,0	1713	16	01	G7B		UiMUX			frequency hopper
DARC	7000,0	1517	18	01	A3E		UiBC			is active
DARC	7000,0	vt	dly	01	FSK8	ALG	UiMUX	125	1750	ALE, selcalls CY51, CY52 - is Algerian MIL
DARC	7000,0	0749	26	01	A1A	RUS	beacon D Sevastopol			// 7038,7 - 38,7 kHz lower than 7038,7
DARC	7000,0	2244	31	01	A1A		beacon D Sevastopol			spurious from 7038,7
DARC	7000,8	0740	26	01	OFDM	RUS	UiMUX	35.6	2700	OFDM 60 tones, + 1 pilotone, 35.6 Bd, location Kaliningrad
DARC	7008,0	0930	11	01	XXX		UiMUX			roaring noise
DARC	7008,0	0910	12	01	F1B		UiPTR	75	250	is active all month, heard 0900 - 1040 - location is East of Moscow
DARC	7010,0	0810	03	01	J7D		UiMUX	120		MPSK-12, AT-3004-D
DARC	7010,0	vt	dly	01	FSK8	MKD	UiMUX	125	1750	ALE, selcalls RS005A, CS002A
DARC	7010,0	2314	14	01	A3E		UiBC			unid BC

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7010,0	1008	19	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7014,0	0538	04	01	FSK8	NIG	UiMUX	125	1750	ALE, selcall 411 – is Nigerian MOI/Police
DARC	7018,0	0837	22	01	F1B	RUS	UiPTR	75	200	unid printer, location near Moscow
DARC	7018,0	1504	25	01	F1B	RUS	REA4 Russian Airforce	50	1000	fast reversals, heard all month 1500 - 2000 - location is Moscow
DARC	7020,0	2058	03	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Omsk
DARC	7030,0	0836	18	01	F1B	RUS	UiPTR	75	200	unid printer
DARC	7030,0	2138	30	01	P0N		OTH- Radar			ticking pulses
DARC	7032,0	1513	02	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	7032,0	1634	11	01	A3E		UiBC			IM, unid
DARC	7035,2	0340	28	01	F1B		UiPTR	75	250	unid printer
DARC	7036,0	1635	11	01	F1B	RUS	UiPTR	50	250	unid printer location Moscow
DARC	7038,7	ady	dly	01	A1A	UKR	beacon D			RUS Navy Black Sea Fleet HQ – Sevastopol (=RCV)
DARC	7038,8	ady	dly	01	A1A	RUS	beacon P			RUS Navy Baltic Sea Fleet HQ - Kaliningrad (=RMP)
DARC	7038,9	ady	dly	01	A1A	RUS	beacon S			RUS Navy Northern Fleet HQ - Severomorsk, Murmansk Obl. (=RIT)
DARC	7039,0	ady	dly	01	A1A	RUS	beacon C			RUS Navy HQ Moscow (=RIW)
DARC	7039,1	ady	dly	01	A1A	RUS	beacon A			RUS Navy Caspian Flotilla HQ – Astrakhan (=RKN)
DARC	7039,2	ady	dly	01	A1A	RUS	beacon F			RUS Navy Pacific Fleet Base Vladivostok (=RJS)
DARC	7039,4	ady	dly	01	A1A	RUS	beacon M			RUS Navy Pacific Fleet Base Magadan (=RTS)
DARC	7039,8	1439	01	01	A1A	I	IZ3DVW/ beacon			uncoordinated and unwanted beacon
DARC	7040,0	1554	01	01	A3E		UiBC			IM, daily
DARC	7040,0	vt	vd	01	A3E	RUS	Voice of Russia			IM of 7105 x 7170 - heard 01 - 15 1707 - 2047
DARC	7040,5	0912	06	01	FSK8		Lis Amateurs	125	1750	ALE, calls F4BXW, IW2AAW - is allowed, just info!
DARC	7042,0	1408	19	01	A3E		UiBC			vy distorted signal
DARC	7044,0	1929	01	01	A1A	RUS	REA4			only dots, location is Omsk, daily
DARC	7044,0	1448	16	01	A1A	RUS	REA4			dotter, very chirpy signal 50 kHz spread
DARC	7045,0	1723		01	FSK8	GEO	UiMUX	125	1750	ALE, selcalls 1BR, 4BR - is Georgian MIL, daily
DARC	7046,0	2121	22	01	F1B	Eu	UiPTR	50	200	encrypted printer signals, location North East Atlantic Ocean
DARC	7047,0	0800	23	01	J7D	Ind. Oc.	UiMUX	120		MPSK-12, AT-3004-D, ship in Indian Ocean
DARC	7049,0	vt	15	01	A3E		All India Radio			heard 1732 - 1735 s/off, fundamental on 7410
DARC	7051,0	2115	14	01	A3E	IND	All India Radio			very wide and overmodulated signal, Indian music, English announcer - is IM from 7410 kHz - spurious +/- 355 kHz, so IM also on 7765 kHz heard
DARC	7051,0	vt	14	01	A3E	IND	All India Radio			same IM already heard in December 2007, fundamental also on 7410 kHz
DARC	7054,0	vt	11	01	A3E	IND	All India Radio			very wide and overmodulated signal, Indian

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										music, English announcer - heard 1819 - 2105
DARC	7054,0	vt	vd	01	F1B	RUS	UiPTR	50	200	idling most of the time, 28 reports all month - location is East of Moscow
DARC	7058,0	1442	03	01	A3E	IND	All India Radio			spurious signal, fundamental is on 7410
DARC	7060,0	1952	14	01	A3E		UiBC			BC-IM
DARC	7060,0	0740	16	01	A3E		UiMOD			6 dashes, two different tones
DARC	7060,0	2115	21	01	A3E	IRN?	IRIB Tehran ?			splatters and cracking noise from 7130
DARC	7061,0	1757	03	01	A3E	IND	All India Radio			spurious signal, fundamental is on 7410
DARC	7065,0	vt	01	01	A3E	IND	All India Radio			overmodulated SP from 7410 kHz, heard 1513 - 2054, also SP on 7755
DARC	7067,0	1929	05	01	A3E	IND	All India Radio			spurious transmission of 7410
DARC	7068,0	2020	24	01	G7B		UiMUX			frequency hopper
DARC	7070,0	2204	19	01	A3E		UiBC			unid BC, IM, Spanish language
DARC	7075,0	1750	04	01	A3E	IND	All India Radio			spurious signal, fundamental is on 7410
DARC	7077,4	0749	26	01	A1A	RUS	beacon D Sevastopol			// 7038,7 - 38,7 kHz higher than 7038,7
DARC	7078,0	0934	03	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Moscow
DARC	7084,0	1434	20	01	G7B		UiMUX			frequency hopper
DARC	7088,0	1458	23	01	G7B		UiMUX			frequency hopper
DARC	7089,0	0758	14	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Kaliningrad
DARC	7089,8	1340	dly	01	F1C	CIS	UiMUX			weather fax showing Med. Sea, text in Russian, 60 rpm, IOC352, location Black Sea
DARC	7090,0	1636	15	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Murmansk
DARC	7090,0	2017	17	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7092,0	2106	19	01	FSK8	TUR	Turkish Red Crescent	125	1750	ALE, selcalls 4016, 2010, 2016, daily
DARC	7095,0	0830	14	01	A3E		UiBC			splatters from 7110, daily
DARC	7096,8	2205	23	01	FSK8	CHN	UiMUX	125	1750	ALE, selcall 102, possible net from China
DARC	7098,0	0950	13	01	F1B	RUS	UiPTR	75	250	unid printer, location Moscow
DARC	7100,0	1819	10	01	A3E	KRE	Voice of Korea (North)			is audible every day 1800 - 1930, program // 3560
DARC	7100,0	1608	16	01	A3E	ERI	Voice of the Broad Masses			is active, heard all month 1500 - 1800
DARC	7102,5	0917	13	01	J7D	UKR	UiMUX	120		MPSK-12, AT-3004-D
DARC	7105,0	1655	21	01	A3E		UiBC			harmful splatters down till 7080, heard 1655 - 2110
DARC	7110,0	0706	13	01	A3E	BLR	Radio Belarus			spurious daily down to 7090
DARC	7115,0	1625	12	01	A3E		UiBC			compl. distorted Farsi px
DARC	7116,0	0840	25	01	F1B	RUS	UiPTR	81	200	unid printer
DARC	7116,0	0756	30	01	F1B	RUS	UiPTR	50	250	unid printer, location Kaliningrad
DARC	7118,0	0828	07	01	F1B	RUS	UiPTR	81	250	unid printer, location Kaliningrad

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7118,0	vt	vd	01	F1B	RUS	UiPTR	75	250	RUS Navy Kaliningrad
DARC	7120,0	0850	22	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7127,0	0759	14	01	F1B	RUS	UiPTR	75	250	unid printer, Moscow
DARC	7127,0	0852	22	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7130,0	0750	08	01	F1B	RUS	UiPTR	100	1000	
DARC	7142,0	0923	23	01	F1B	RUS	UiPTR	75	250	unid printer, location central Russia
DARC	7142,0	1006	30	01	F1B	RUS	UiPTR	75	250	unid printer, location St. Petersburg
DARC	7144,0	0758	14	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	7144,0	0757	27	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D. location Kaliningrad
DARC	7152,0	0852	10	01	F1B	RUS	UiPTR	75	250	unid printer
DARC	7153,0	1006	24	01	F1B	MDA	UiPTR	75	200	unid printer
DARC	7155,0	0912	16	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7155,0	0915	16	01	G7B		UiMUX			frequency hopper
DARC	7161,0	0801	23	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D
DARC	7171,0	0953	21	01	J7D	LVA	UiMUX			MPSK-12, AT-3004-D
DARC	7176,0	1000	16	01	F1B	RUS	UiPTR	75	250	unid printer location North of Moscow
DARC	7178,0	1515	02	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7185,0	1753	29	01	JAM	CHN	Hainan Firedrake Jammer			is active
DARC	7186,0	1106	19	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Murmansk
DARC	7188,0	0957	26	01	F1B	RUS	UiPTR	81	250	unid printer
DARC	7193,0	1256	21	01	F1B	CIS	UiPTR	50	200	unid printer
DARC	7195,0	0903	22	01	G7B		UiMUX			frequency hopper
DARC	7196,0	1024	01	01	F1B	RUS	UiPTR	75	200	location Kaliningrad
DARC	7197,0	0853	22	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D
DARC	7198,0	vt	vd	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, heard 24 28 at 0753, 1613
DARC	7200,0	2128	25	01	A3E	CHN	Radio China Internl.			French px, vy much distorted, splatters down till 7180
DARC	10100,8	0711	31	01	F1B	D	DDK9	50	450	is active daily - German Weather Service, heard 0700 - 0920 - legal!
DARC	10105,0	1234	07	01	A3E		UiBC			unid BC
DARC	10105,0	1000	10	01	P0N	G / CYP	British OTH Radar Cyprus			is active
DARC	10105,0	vt	19	01	A3E	RUS	Voice of Russia			IM of 9695 and 9900, heard 1229 - 1300 s/off
DARC	10105,0	vt	20	01	A3E	RUS	Voice of Russia			IM, location of both txers is Samara - report to KON
DARC	10105,8	1600	19	01	FSK8	TWN	UiMUX	125	1750	ALE, selcalls ABLAZE, AFFORD - is Taiwanese Navy (?), daily
DARC	10108,2	1528	18	01	A3E	IND	All India Radio			Indian film music
DARC	10112,0	ady	dly	01	G7D	TUR	UiMUX	2400		STANAG-4285, 2,4, 8PSK, 600 bps long, is Turkish MIL
DARC	10113,8	vt	dly	01	FSK8	ARS	UiMUX	125	1750	ALE, selcalls 102, 105 - is National Guard ARS (?), daily
DARC	10114,0	0711	14	01	F1B	RUS	UiPTR	100	170	unid printer, daily
DARC	10114,7	0741	12	01	F1B	RUS	UiPTR	96	1000	unid printer location Moscow
DARC	10120,0	2212	16	01	G7B		UiMUX			frequency hopper
DARC	10121,0	0848	11	01	F1B	RUS	UiPTR	75	250	unid printer
DARC	10122,8	vt	vd	01	G7D	GRC	UiMUX	2400		Stanag-4285, 2k4, 8PSK,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										1200 bps long, - location Athens
DARC	10123,0	1027	01	01	F1B	RUS	UiPTR	75	250	unid printer
DARC	10123,0	0807	11	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	10124,0	1505	22	01	MFSK	CIS	UiMUX	40		CIS-36, 36 tones
DARC	10128,0	0926	09	01	J7D	RUS	UiPTR	120		MPSK-12, AT-3004-D, location Moscow
DARC	10130,0	1143	11	01	F1B	RUS	UiPTR	50	500	unid printer location St. Petersburg
DARC	10140,0	0949	13	01	P0N	G / CYP	British OTH Radar Cyprus			is active, 50 pulses per second (= 50-Hz-system)
DARC	10145,0	vt	vd	01	P0N	G / CYP	British OTH Radar Cyprus			heard 07 08 at 1417, 1657 - 50 Hz system
DARC	10146,0	1423	07	01	G7B		UiMUX			frequency hopper
DARC	10148,0	0900	20	01	F1B	RUS	UiPTR	81	250	unid printer, location Kaliningrad
DARC	10148,0	1204	25	01	A3E	ISR	YHF			roundslip female voice "Yankee Hotel Foxtrot"
DARC	10148,0	0938	30	01	F1B	RUS	UiPTR	81	250	unid printer, location Moscow
DARC	10150,0	0749	30	01	G7B		UiMUX			frequency hopper
DARC	14000,0	0930	15	01	G7B		UiMUX			frequency hopper
DARC	14000,7	0921	14	01	F1B		UiPTR	?	100	Baud rate not readable bcos of Plasma-TV in Wolf's neighbourhood
DARC	14001,0	0738	12	01	N0N		UiCAR			unid carrier
DARC	14002,9	1032	11	01	A3E	I	UiBC			BC, program in Italian voice
DARC	14026,0	vt	vd	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Moscow
DARC	14066,0	0742	28	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14070,0	0757	31	01	J7D	UKR	UiMUX			MPSK-12, AT-3004-D, location North East Russia
DARC	14070,0	0757	31	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location North East Russia
DARC	14086,0	0708	13	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, location Moscow
DARC	14093,9	0915	27	01	FSK	CHN	UiMUX	125	1750	ALE, selcall 144 - is PRC net, daily
DARC	14104,0	0743	29	01	F1B	EST	UiPTR	100	250	unid printer, location Tallinn
DARC	14106,0	0823	29	01	F1B	RUS	UiPTR	81	250	unid printer, location East Russia
DARC	14120,0	0838	29	01	F1B	RUS	UiPTR	81	250	unid printer, location Moscow
DARC	14141,0	0950	18	01	F1B	RUS	UiPTR	75	200	unid printer
DARC	14141,0	0939	27	01	F1B	RUS	UiPTR	50	200	unid printer, location West Russia
DARC	14143,0	0908	21	01	J7D	LVA	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	14143,0	vt	vd	01	J7D	RUS	UiMUX	120		MPSK-12, AT-3004-D, heard 22 - 29 every day at 0740 - 0945
DARC	14144,0	0850	22	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14164,0	1000	07	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14217,0	0920	06	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	14242,0	00823	07	01	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Nizhniy Novgorod
DARC	14260,0	0750	08	01	F1B	RUS	UiPTR	100	2000	is harmonic of 7130 kHz
DARC	14260,0	0930	28	01	F1B		UiPTR	50	2000	4th harmonic from 3565
DARC	14280,0	0743	30	01	P0N	G /	British			is active with 50-Hz-system

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
						CYP	OTH Radar Cyprus			
DARC	14295,0	0807	03	01	A3E	TAJ	Radio Tajikistan			3rd harmonic of 4765, daily
DARC	14300,0	0844	31	01	P0N	RUS	Russian OTH Radar			system 50 pps, ABM2, area of Moscow
DARC	18074,0	0941	09	01	J7D	RUS	UiPTR	120		MPSK-12, AT-3004-D, location Moscow
DARC	18080,0	1133	15	01	P0N	G / CYP	British OTH Radar Cyprus			25-Hz-system
DARC	18100,0	1028	13	01	G7B		UiMUX			frequency hopper
DARC	21000,0	0951	20	01	G7B		UiMUX			frequency hopper
DARC	29685,0	1611	24	01	G7B	I	UiMUX			serial modem, located Brescia - Italian MIL, permanent
DARC	29699,5	1611	24	01	G7B	I	UiMUX			serial modem, located Brescia - Italian MIL, permanent

IRTS – Ireland – EI4GXB (Ger) ---

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	3579,0	VT	VD	01	G7D	RUS	UiMUX	1k44		AT-3004D
MRASZ	3580,0	VT	VD	01	PSK8	Ui	UiMUX	2400	3000	STANAG 4285 CONTINUOS
MRASZ	3585,0	VT	VD	01	F3C	KOR	UiFAX			120RPM FAX WHEATER CHARTS
MRASZ	3585,0	VT	VD	01	G7D	RUS	UiMUX	1k44		AT-3004D
MRASZ	3593,0	VT	VD	01	FSK2	RUS	UiPTR	75	250	UNID PRINTER
MRASZ	3593,7	VT	VD	01	A1A	UKR	BEACON SEVASTOPOL			BEACON D ACTIVE S5.
MRASZ	3595,0	VT	VD	01	A1A	Ui	BEACON			UNID B BEACON
MRASZ	3608,0	VT	VD	01	FSK2	RUS	UiPTR	50	200	REA4 FAST REVERSALS, TELEGRAM AT 04:20
MRASZ	3620,0	VT	VD	01	FSK2	Ui	UiPTR	100	1000	UNID STATION
MRASZ	7000,0		VD	VT	FSK8 (ALE)	I	UiMUX	125	1750	KF2 CALLED KF1 ONLY ONCE. IS Elsag Datamat COMPANY TEST.
MRASZ	7000,0				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
MRASZ	7000,0	VT	VD	01	FSK8 (ALE)	I	UiMUX	125	1750	ITALIAN CARABINIERI NET. BUSY AS EVER.
MRASZ	7000,0	VT	VD	01	FSK8 (ALE)	I	UiMUX	125	1750	NEW: 066, 001, 833, 201 3 FIGURES UNID NET
MRASZ	7003,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	BHOPS ONLY SOUNDED NO CONTACT. THEN BH145 CALLED BHOPS. USAF IN KOSOVO?

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7005,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	123483, 123756, 123456 UNID NET AGAIN ACTIVE
MRASZ	7005,0	VT	VD	01	FSK8 (ALE)	G	UiMUX	125	1750	UK FOREST MOORE HF HQ. VERY NEW INTRUDER.
MRASZ	7010,0	VT	VD	01	FSK8 (ALE)	MKD	UiMUX	125	1750	CS - RS net
MRASZ	7010,0	VT	VD	01	G7D	MKD	UiMUX	2k4	3000	CS-RS NET DATA TRANSMISSION
MRASZ	7011,0	VT	VD	01	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	VT	VD	01	FSK8 (ALE)	MAU	UiMUX	125	1750	TXZ3 CALLED YW1; TXZ6 CALLED YW6 MAURITANIAN UNID INTRUDER. Ex KP-66 net.
MRASZ	7014,0	VT	VD	01	FSK8 (ALE)	NIG	UiMUX	125	1750	NIGERIAN POLICE 411411 NET
MRASZ	7018,0	VT	VD	01	FSK2	RUS	REA4	50	250	TELEGRAMS AND FAST REVS
MRASZ	7018,5	VT	VD	01	FSK2	Ui	UiPTR	50	1000	UNID
MRASZ	7020,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	CS - RS net
MRASZ	7026,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	BEAST-SAPPER-RENEGADE-FIGHTER-HUNTER-OUTLAW NET ACTIVE. NEW PREFIX IS GECKO. CALLSIGNS ARE THE PREFIXES AND "TOC" OR 1-2 FIGURES SUFFIX. E.G. FIGHTERTOC, FIGHTER6 OR GECKOTOC, GECKO36 AND ETC.
MRASZ	7026,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	642-314 UNID NET
MRASZ	7038,5	VT	VD	01	A1A	CZE	BEACON	19		OK0EA SAME PROBLEM AS MENTIONED BEFORE. UNCOORDINATED? OR LEGAL?
MRASZ	7038,7	VT	VD	01	A1A	UKR	BEACON SEVASTOPOL			BEACON D ACTIVE S5.
MRASZ	7038,8	VT	VD	01	A1A	RUS	BEACON KALININGRAD			BEACON P ACTIVE. S5
MRASZ	7038,9	VT	VD	01	A1A	RUS	BEACON MURMANSK			BEACON S ACTIVE S3.
MRASZ	7039,0	VT	VD	01	A1A	RUS	BEACON MOSCOW			BEACON C ACTIVE. S3
MRASZ	7039,1	VT	VD	01	A1Q	RUS	BEACON UNID			BEACON A ACTIVE
MRASZ	7039,6	VT	VD	01	A1A	I	BEACON	13		IZ3DVW/BEACON. UNCOORDINATED BEACON.
MRASZ	7040,0	VT	VD	01	G7D	Ui	UiMUX	2k4		FREQUENCY HOPPING TRANSMISSION
MRASZ	7040,0	VT	VD	01	A1A	RUS				UNCOORDINATED BEACON RU3TC/B
MRASZ	7044,0	VT	VD	01	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7045,0	VT	VD	01	FM	Ui	UiPIC			PICTURE TRANSMISSION USING 10 kHz BANDWIDTH AS A MINIMUM.
MRASZ	7054,0	VT	VD	01	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS
MRASZ	7057,0	VT	VD	01	FSK2	RUS	UiPTR		250	REA4 FAST REVERSALS
MRASZ	7060,0	VT	VD	01	FSK8 (ALE)	G	UiMUX	125	1750	UK-DHFCS (NCS Forest Moor) VERY NEW INTRUDER.
MRASZ	7061,0	VT	VD	01	FSK8 (ALE)	NIG	UiMUX	125	1750	NIGERIAN POLICE 411411 NET
MRASZ	7070,0	VT	VD	01	FSK8 (ALE)	GEO	UiMUX	125	1750	244-288 NET USUAL TRAFFIC POSSIBLE GEORGIAN NETWORK
MRASZ	7080,0	VT	VD	01	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING
MRASZ	7086,0	1342	DLY	01	F1C	Ui	UiFAX	60		60RPM FAX
MRASZ	7090,0	VT	VD	01	FSK8 (ALE)	I	UiMUX	125	1750	UNID NET 4001, 4041, 4053,
MRASZ	7092,0	0-24	DLY	01	FSK8 (ALE)	TUR	UiMUX	125	1750	UNID 4001 NET LOTS OF CALLSIGNS:
MRASZ	7100,0	VT	VD	01	FSK8 (ALE)	ALG	UiMUX	125	1750	POSSIBLE ALGERIAN FORCES NET: ASD, EKK, DKJ.
MRASZ	7105,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	LF1 - MAX. UNID CONTACT.
MRASZ	7105,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	LF1-MAX UNID.
MRASZ	7107,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID ARABIC VOICE NET ALSO KNOWN AS 4378xx-NET. CALLSIGNS: 437805, 437806, 437815, 437817.
MRASZ	7107,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	6320 AND 9200 SOUNDED. UNID.
MRASZ	7107,0	VT	VD	01	FSK8 (ALE)	USA	UiMUX	125	1750	ICZSPR SOUNDED US SIPRI Net Gateway, Sigonella
MRASZ	7115,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 9201-NET. CALLSIGNS: 9001, 9202.
MRASZ	7116,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 4 FIGURES NET. NEW INTRUDER. 11?? AND 17?? SHAPE.
MRASZ	7116,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	KAMAR98 SOUNDED. UNID.
MRASZ	7141,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 7828 SOUNDING.
MRASZ	7149,0	VT	VD	01	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING.
MRASZ	7150,0	VT	VD	01	FSK8 (ALE)	MDN	UiMUX	125	1750	MOLDOVAN MILITARY NET: CODRU 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	7160,0	0-24	DLY	01	FSK8 (ALE)	GEO	UiMUX	125	1750	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, DMC GREMIABC.
MRASZ	7160,0	VT	VD	01	PSK8	GEO	UiMUX	2k4	3000	SHORT BURSTS AFTER ALE CONNECTION. GEORGIAN MILITARY F1L NET.
MRASZ	7165,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID 580 AND 630 CALLED 722. 450, 411, 754,
MRASZ	7197,0	VT	VD	01	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	01	FSK8 (ALE)	Ui	UiMUX	125	1750	NEW INTRUDER UNID ARABIC LSB NET 1002 CALLED 1006, 3060, 2060, 3070.
MRASZ	7200,0	VT	VD	01	FSK8 (ALE)	USA	UiMUX	125	1750	US MILITARY AVIATION BRIGADE IN IRAQ. CALLSIGNS: T1CAB= 1st Combat Aviation Brigade, Iraq, , T1Z, T1Z1, T1Z6, T3Z1, R26814, T10CAB, T1Z10, T3Z10, T66CAV.
MRASZ	7200,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	P2Z10 SOUNDED. UNID
MRASZ	14000,0	VT	VD	01	FSK8 (ALE)	Ui	UiMUX	125	1750	UNID GP-NET, GP3, BA, GP
MRASZ	14000,0	VT	VD	01	FSK8 (ALE)	ALB	UiMUX	125	1750	UNID ALBANIAN NET: BURETO, BALLABANI, MALSHOV, TOPOJANI.

OEVSV – Austria – OE3DMA (Alex) ---

REP – Portugal – CT4AN (Jose Francisco)

SOC	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
REP	3500,0	17.11	05	01			J3E-U			Spanish fishermen – boat to harbour
REP	3500,0	08.25	22	01			J3E-U			Portuguese fishermen
REP	3503,0	06.42	16	01			J3E-L			Fishermen on the coast 0.2uV S1
REP	3520,0	09.09	13	01			J3E-U			Spanish fishermen – boat to boat
REP	3524,0	15.02	06	01			F1B	75	250	
REP	3530,0	07.16	15	01			Pulse			0.5 sec rate
REP	3531,36	08.42	14	01			Pulse			0.75 sec rate
REP	3531,38	09.32	20	01			Pulse			0.5 sec rate, every 9 pulses 1 dot
REP	3531,38	19.07	20	01			Pulse			0.5 sec rate, every 9 pulses 1 dot
REP	3531,38	06.53	21	01			Pulse			0.5 sec rate, every 9 pulses 1 dot
REP	3531,38	18.33	21	01			Pulse			0.5 sec rate, every 9 pulses 1 dot
REP	3535,0	22.08	25	01			J3E-U			Fishermen – Arab lang – boat to boat
REP	3537,0	22.41	24	01			J3E-U			Fishermen - Spanish / Portuguese langs

SOC	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
REP	3545,0	19.07	21	01			J3E-U			English voices (3) also 1 YL. (Phone patch or phone relay ???)
REP	3550,0	06.41	16	01	FRA		A3E (AM)			French Amateurs, DLY Infringe IARU Band Plan 3.1uV S5
REP	3550,0	08.15	17	01	FRA		A3E (AM)			French Amateurs, DLY Infringe IARU Band Plan 3.1uV S5
REP	3567,6	14.05	28	01			F1B	60	250	Text not decoded
REP	3577,74	18.02	08	01	ITA	IZ3DVW	A1A			Beacon out of IARU Recommendations
REP	3590,0	09.48	27	01			J3E-U			Spanish fishermen – QRT after advising
REP	3756,0	22.50	31	01	UKR		A3E			1 bip / sec 1.6uV S4
REP	7002,2	23.57	04	01			J3E-L			Italian making radio tests and calls 12.5uV S7
REP	7018,0	09.45	06	01			F1B	75	250	
REP	7018,0	09.45	07	01			F1B		250	Two tones
REP	7038,6	07.24	16	01	RUS	S	A1A			MURMANSK, ADY, DLY 0.2uV S1
REP	7038,7	13.56	06	01	UKR	D	A1A			SEVASTOPOL, ADY, DLY 0.2uV S1
REP	7038,7	06.30	16	01	UKR	D	A1A			SEVASTOPOL, ADY, DLY 25uV S8
REP	7039,0	20.09	14	01	ITA	IZ3DVW	A1A			Beacon out of IARU Recommendations
REP	7039,0	06.35	16	01	RUS	C	A1A			MOSCOW, ADY, DLY 12.5uV S7
REP	7039,1	21.34	13	01	RUS	A	A1A			VOLGOGRAD, ADY, DLY 6.3uV S6
REP	7039,1	17.18	21	01	RUS	A	A1A			VOLGOGRAD, ADY, DLY 3.1uV S5
REP	7039,5	07.46	16	01	ITA	K IZ3DVW	A1A			MONSELICE, Italian Beacon out of IARU recommendations 0.39uV S2
REP	7040,0	08.30	16	01			J3E-U			Fishermen – Japanese talks 3.1uV S5
REP	7055,0	07.56	04	01			J3E-L			Speech and music 12.5uV S7
REP	7056,0	14.20	05	01			A1A			Dotter 0.5 sec rate
REP	7130,0	18.00	08	01			8k00 A3EGN			Radio Rumania Int'l S9+40dB
REP	7135,0	17.35	11	01			8k00 A3EGN			Radio Rumania Int'l S9+60dB
REP	7140,0	18.06	09	01			8k00 A3EGN			Radio Korea Int'l S9+60dB
REP	7140,0	20.03	12	01			8k00 A3EGN			Radio Rumania Int'l in Spanish S9+30dB
REP	7145,0	22.45	11	01			8k00 A3EGN			Radio Rumania Int'l Bucarest S9+60dB
REP	7160,0	17.43	11	01			8k00 A3EGN			Voz of Turquia in Spanish S9+60dB
REP	7170,0	19.52	10	01			8k00 A3EGN			Radio China Int'l in German S9+60dB
REP	7170,0	19.41	12	01			8k00 A3EGN			Radio China Int'll in German S9+20dB
REP	7180,0	19.46	10	01			8k00 A3EGN			Radio China Int'l in French S9+60dB
REP	7180,0	19.31	12	01			8k00 A3EGN			Radio China Int'l in French S9+20dB
REP	7190,0	17.48	11	01			8k00 A3EGN			Radio Rabat – Arab songs S9+60dB
REP	10121,0	15.56	14	01			J3E-U			Morocco stations (3) Arab / French langs
REP	10129,0	14.29	24	01			J3E-U			Far East voices
REP	10141,0	17.25	15	01			J3E-U			Talks in Arabic language
REP	14042,0	13.19	09	01			J3E-U			Arab language talks – 2 persons
REP	14160,7	14.20	11	01	ITA	I1YRB	A1A			Beacon out of IARU Recommendations

NOTES

-- French Amateurs are always on 3550 KHz - AM and also on 3575 KHz - AM from +/- 07.30z to 10.00z while propagation conditions are on.

That is a daily activity as it is for IZ3DVW and I1YRB Beacons as listed on the reports.

-- The activity of fishermen may be reduced if they are real time advised. It happened with Spanish and Portuguese and lately also with the Morocco's ones, thanks to CN8YZ kind help.

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

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	3658,0	1330-2100	11-30	1	UZB	V	A1A		Khiva (?)
SRAL	7018,0	1100-2100	dly	1	RUS	REA4	F1B	1000	Seldom 250 Hz msg
SRAL	7018,7	0700-1430	*	1		UiCarr	N0N		Days 6, 7, & 12. Possibly F1B 500Hz on 7019 kHz space?
SRAL	7030,0	0600-1130	8, 20	1		UiPTR	F1B	250	Dotter 50 Hz
SRAL	7038,7	h24	dly	1	UKR	D	A1A		Sevastopol
SRAL	7038,8	0800-1500	5,29-31	1	RUS	P	A1A		Kaliningrad
SRAL	7038,9	h24	dly	1	RUS	S	A1A		Severomorsk/Murmansk
SRAL	7039,0	h24	dly	1	RUS	C	A1A		Moscow
SRAL	7038,1	0930-2230	dly	1	RUS	A	A1A		Astrakhan area
SRAL	7045,0	1505	31	1		UiCW	A1A		MR 5F
SRAL	7047,0	1420-1530	23	1	RUS	UiMUX	J7D		AT3004D
SRAL	7056,0	-1436	5	1		UiCW	A1A		dotter
SRAL	7059,4	1105	6	1		UiCarr	N0N		
SRAL	7060,0	0715-0745	16	1		UiSSB	R3E-u		2 - tone
SRAL	7098,0	0730-1500	*	1	RUS	UiPTR	F1B	250	50 Hz dotter, Moscow. Days 6, 7, 11, 13, 25, 26 & 29
SRAL	7118,0	0800-1300	*	1	RUS	UiPTR	F1B	250	Days 6 – 10, 29 & 31. Seldom J7D, Kaliningrad
SRAL	7127,0	0800-1230	14	1		UiPTR	F1B	250	37,5 Hz dotter
SRAL	7143,0	1030-1230	30	1	RUS	UiPTR	F1B	250	Sankt-Peterburg
SRAL	7144,0	0730-0900	30	1	RUS	UiMUX	J7D		AT3004D, Kaliningrad
SRAL	7149,0	0730-0745	20	1	RUS	RMW32	A1A		
SRAL	7162,0	0830-0900	16	1		UiPTR	A1A		5 BL
SRAL	7186,0	0800-1100	19, 23	1		UiMUX	J7D		AT3004D
SRAL	7188,0	0600-1200	*	1		UiPRT	F1B	250	Days 9, 19, 26 & 28. 37,5 Hz dotter
SRAL	7196,0	0830-1100	*	1		UiPTR	F1B	225/250	37,5 Hz dotter. Days 1, 11, 14, 21, 25 & 29
SRAL	7198,0	0900-0930	21	1		UiPTR	F1B	200	
SRAL	7198,0	1000-1130	29	1		UiMUX	J7D	12x120	
SRAL	14070	0735	31	1		UiMUX	J7D		AT3004D
SRAL	14104	0945	29	1		UiPRT	F1B	250	
SRAL	14273	0720	31	1		UiMUX	J7D		AT3004D
SRAL	14174	0725	31	1		UiMUX	J7D		Changed fq

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7000.0	1632	01	01		2211	FSK8	125	1750	MIL 188-141A, ALE This was 2211
USKA	7000.0	0826	02	01		POW	FSK8	125	1750	MIL 188-141A, ALE
USKA	7010.0	0709	05	01	MKD	CS002	FSK8	125	1750	MIL 188-141A, ALE daily To: RS0 - This was CS002
USKA	7010.0	0753	05	01		CS0	FSK8	125	1750	MIL 188-141A, ALE daily To: RS0 - This was CS0
USKA	7012.0	1401	21	01			F1B	81	250	CIS-81 - unid printer
USKA	7018.0	1554	01	01		REA4	F1B	50	1000	unid printer daily
USKA	7020.0	2109	03	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D 12 x PSK-2A
USKA	7038.7	1600	01	01	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7038.8	1211	25	01	RUS	P	A1A			Beacon P Kaliningrad daily
USKA	7038.9	1204	25	01	RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	1559	01	01	RUS	C	A1A			Beacon C Moscow daily
USKA	7039.1	1556	01	01	RUS	A	A1A			Beacon A sometimes every 5th character was M daily
USKA	7039.3	1554	01	01	RUS	K	A1A			Beacon K Petropavlovsk daily
USKA	7044.0	1409	03	01	RUS	REA4	A1A			fast Dots only, daily
USKA	7047.0	1226	23	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd
USKA	7054.0	2119	03	01			F1B	50	200	unid printer daily
USKA	7077.4	2234	28	01		D	A1A			Beacon D, on several rx, also WebSDR Twente
USKA	7090.0	1531	15	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd
USKA	7095.0	vt	vd	01			FSK8	125	1750	MIL 188-141A, ALE: BR3; F1L; BRR; DMC; JRB; SAS; SFS; SG1; 5SJ; ZAL; FTT; VB4
USKA	7095.0	1413	12	01	GEO	VB4	FSK8	125	1750	MIL 188-141A, ALE To:BRR
USKA	7095.0	1628	12	01		BRR	FSK8	125	1750	MIL 188-141A, ALE
USKA	7097.0	1116	26	01			F1B	75	250	unid printer
USKA	7098.0	1416	11	01			F1B	75	250	unid printer
USKA	7118.0	0813	05	01			F1B	75	250	unid printer daily
USKA	7118.0	0920	10	01			F1B	81	250	CIS-81 printer
USKA	7127.0	1023	14	01			F1B	75	250	unid printer
USKA	7144.0	1035	14	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	7186.0	0937	19	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd
USKA	10125.0	1341	23	01	CYP		P0N			OTHR 50pps Radar stretching 10110 - 10140 kHz
USKA	10130.0	0927	10	01			F1B	50	500	unid printer
USKA	14000.0	1343	21	01			N0N			carrier, short interruptions
USKA	14026.0	0946	19	01	RUS		J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd
USKA	14143.0	1312	21	01			J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd daily
USKA	14143.0	1243	23	01	RUS		J7D	12x120		MPSK-12: CIS 12 = AT3004D PSK-2A 12 x 120Bd
USKA	14171.0	0824	12	01			F1B	100	250	unid printer; 0832 QRT
USKA	14248.6	1224	05	01			F1B	1200	600	unid printer ARQ
USKA	18075.4	1238	11	01			N0N			carrier, slightly drifting up
USKA	18076.2	1821	11	01			N0N			carrier now here, still drifting
USKA	438000	1433	10	01			N0N			unid pulsing signal, 1 sec period over broad spectrum permanent

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

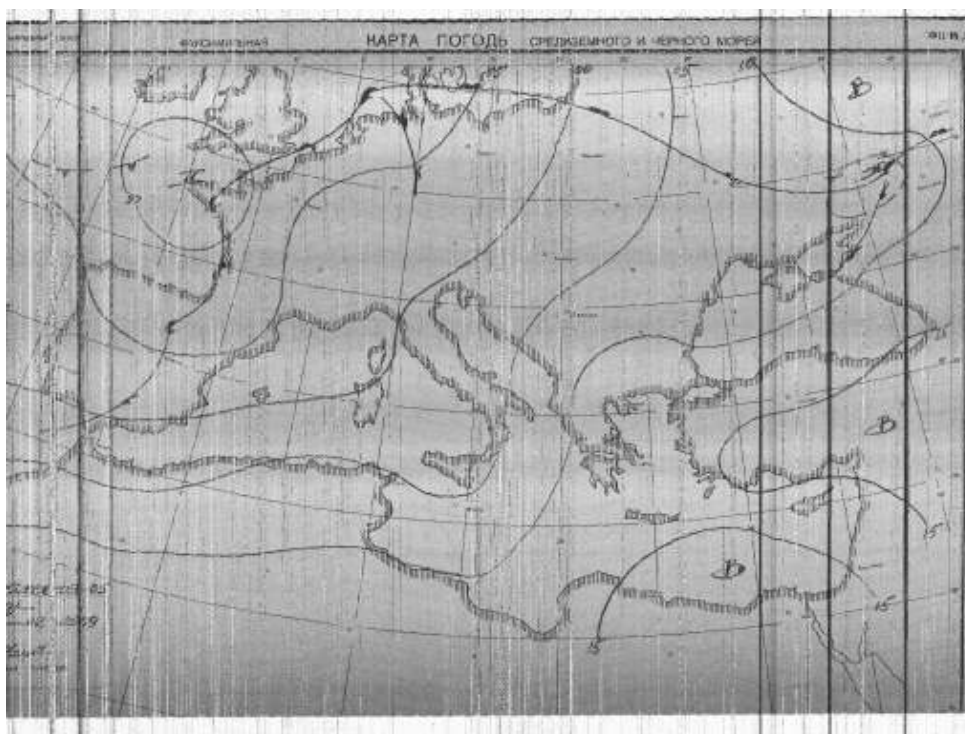
SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	3500,0	16.45	28	1	Dutch	UiLL	J3E-u		Dutch fishery
VERON	3502,0	16.44	28	1	CIS	UiCW	A1A		5F
VERON	3512,0	10.45	18	1	UK	UiLL	J3E-u		fishery, male
VERON	3568,0	12.55	28	1	CIS	UiPTR	F1B		Ptr
VERON	3621,0	17.13	26	1		UiPTR	F1B	250	Revs
VERON	3735,0	17.17	26	1		UiPTR	F1B	500	Revs
VERON	3735,0	19.24	29	1	CIS	UiPTR	F1B	500	Ptr
VERON	3756,0	20.25	30	1	UKR	Pip	A3E		marker, all day
VERON	3765,0	17.17	26	1	CIS	UiPTR	F1B	850	Ptr
VERON	3771,0	19.39	26	1	CIS	UiPTR	F1B	250	Revs
VERON	3782,0	vt	vd	1	Portugal	CTP	F1B	850	Navy Lisboa, Ptr, 3 days
VERON	7018,0	vt	vd	1		UiPTR	F1B		Revs
VERON	7018,0	vt	vd	1	RUS	REA4	F1A		H+40, 5F(followed by Revs)
VERON	7018,0	vt	vd	1	RUS	UiPTR	F1B	1000	Ptr/Revs, 4 days
VERON	7038,7	vt	vd	1	UKR	D	A1A		D-beacon
VERON	7038,7	16.58	vd	1	UKR	D	A1A		20.23 utc, 4 days, beacon Sevastopol
VERON	7038,9	vt	vd	1	RUS	S	A1A		S-beacon
VERON	7039,0	vt	vd	1	RUS	C	A1A		C-beacon
VERON	7039,1	19.10	11	1		A	A1A		A-beacon
VERON	7039,1	16.58	vd	1	AZB	A	A1A		20.23 utc, 2 days, beacon Baku
VERON	7050,0	10.45	15	1	RUS	RGT77	A1A		889 = 5BL (par with 14092)
VERON	7054,0	20.05	31	1	RUS	UiPTR	F1B	170	Ptr/Revs
VERON	7098,0	12.40	28	1		UiPTR	F1B		Ptr
VERON	7142,0	12.09	30	1	CIS	UiPTR	F1B	250	Ptr
VERON	14025,0	10.30	6	1	RUS	UiMUX	J7D		12 MPSK AT 3004-D
VERON	14025,0	12.20	31	1		UiMUX			12 MPSK
VERON	14120,0	10.00	29	1	CIS	UiPTR	F1B	250	Ptr
VERON	14283,0	09.25	22	1	CIS	M8D9	A1A		Q-codes/5BL/5F
VERON	18085,0	vt	vd	1		UiPTR	F1B		Idling

Veron (Part 2) – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	3572,0	vt	vd	1	HOL	UiMUX	QPSK	100	Idling
VERON	3618,0	14.41	12	1		UiMUX	QPSK	200	
VERON	3725,2	14.34	12	1		UiMUX	G7D		MPSK-12
VERON	3732,0	vt	vd	1		UiMUX	G7D		Stanag
VERON	3765,0	vt	vd	1		UiPtr	F1B	850	Printer
VERON	7018,0	07.40	vd	1	RUS	REA4	F1B	1000	21.08 utc, Revs, Airforce Moscow,10 days
VERON	7018,0	13.44	20	1	RUS	REA4	F1A	1000	REA4= (5F)= REA4 K
VERON	7030,0	11.02	20	1	CIS	UiPtr	F1B	250	Ptr
VERON	7036,3	21.08	2	1		UiMUX	F7B		4 channels, being switched on and off
VERON	7036,3	19.40	7	1		UiMUX	F7B		4 channels, active
VERON	7036,3	16.07	13	1		UiMUX	F7B		3 channels active
VERON	7036,3	14.15	22	1		UiMUX	F7B		5 channels active
VERON	7036,3	15.02	29	1		UiMUX			3 KHz wide, channels switched on/off
VERON	7038,7	ady	dly	1	UKR	D	A1A		Beacon Sevastopol
VERON	7038,9	vt	vd	1	RUS	S	A1A		Beacon Murmansk
VERON	7038,9	ady	dly	1	RUS	C	A1A		19.38 utc, beacon C, Moscow, 11 days
VERON	7039,1	07.50	vd	1	AZ	A	A1A		19.38 utc, beacon A, Baku, 10 days
VERON	7039,2	08.16	vd	1	RUS	K	A1A		16.00 utc, beacon K, Kamchatka, 7 days
VERON	7044,0	15.57	9	1	RUS	REA4	A1B		dotter
VERON	7050,0	08.35	3	1	RUS	RGT77	A1A		RGT77 823= (5BL)= K parallel 14092
VERON	7050,0	09.14	6	1	RUS	RGT77	A1A		RGT77 295= (5BL) =K parallel

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
									14092
VERON	7050,0	08.42	20	1	RUS	RGT77	A1A		5BL, parallel 14092
VERON	7050,0	08.42	28	1	RUS	RGT77	A1A		RGT77 355= (5BL)= K parallel 14092
VERON	7054,0	20.56	13	1	CIS	UiPtr	F1B	250	Ptr/Revs
VERON	7077,4	17.38	26	1	UKR	D	A1A		D-beacon, parallel 7038,7 also 28/1 06.47
VERON	7098,0	08.05	6	1	CIS	UiPtr	F1B	250	Ptr
VERON	10112,0	vt	vd	1	TUR	UiMUX	G7D	2k4	Stanag MPSK-12
VERON	10117,2	15.27	7	1		UiCar			Persistent strong carrier
VERON	10117,8	13.39	21	1		UiPtr	F1B	100	Printer
VERON	10133,8	15.28	7	1		UiCar			Persistent strong carrier
VERON	14029,0	13.15	21	1		UiMUX	G7B		Frequency hopper
VERON	14033,0	14.58	12	1		UiMUX	G7B		Frequency hopper
VERON	14071,0	08.48	24	1		UiMUX			3 KHz wide, channels switched on/off
VERON	14071,0	14.37	29	1		UiMUX			3 KHz wide, channels switched on/off
VERON	14092,0	08.35	3	1	RUS	RGT77	A1A		RGT77 823= (5BL)= K parallel 7050
VERON	14092,0	09.14	6	1	RUS	RGT77	A1A		RGT77 295= (5BL)=K parallel 7050
VERON	14092,0	08.42	20	1	RUS	RGT77	A1A		5BL, parallel 7050
VERON	14092,0	08.42	28	1	RUS	RGT77	A1A		RGT77 355= (5BL)= K parallel 7050
VERON	14143,0	13.21	21	1	RUS	UiMUX	G7D	2k6	MPSK-12
VERON	14242,0	13.35	21	1		UiMUX	G7D	2k5	MPSK-12
VERON	18095,0	15.11	7	1		UiPtr	F1B	200	Printer
VERON	21167,6	15.04	7	1		UiCar			Persistent strong carrier
VERON	21234,0	13.10	21	1		UiMUX	G7B		Frequency hopper
VERON	24902,5	vt	vd	1		UiCar			Persistent strong carrier
VERON	28125,9	vt	vd	1		UiCar			Persistent strong carrier
VERON	28130,1	13.01	21	1		UiCar			Persistent strong carrier
VERON	28262,1	vt	vd	1		UiMUX			MPSK-8
VERON	28313,9	vt	vd	1		UiCar			Persistent strong carrier

**WXfax on 7090 kHz – 60 rpm – IOC 576 – daily at 1342 utc – probably from Ukraine
copy: DK2OM with Multipsk**



IARUMS Region 1

Manual2006, Monitoring Template, WAV-files, Fishery Buoys on 10m, Latest Intruder News, Co-ordinator's Corner, Newsletter Collection, Important Links, Contacts, How to start an Intruderwatch, Intruder Logger, Monitoring by Web-SDR, 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!

The monitoring team of IARU Region 1

credits:

Wavecom Elektronik – Buelach – Switzerland

SSB-Electronic – Iserlohn – Germany

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