



International Amateur Radio Union



Region 1

# Monitoring System

- IARUMS Region 1 -

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The monthly newsletter for Region 1

## September 2007

The members of the IARUMS Region 1 monitoring team:



### Acknowledgements

++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ MRASZ: HA7PL - Laci ++ OEVS: OE3DMA – Alex ++  
++ RSGB: G4BOH - Chris ++ SART: ZS6AKV - Hans ++ SRAL: OH2BLU - Pekka ++  
++ USKA: HB9CET - Peter ++ VERON: PA0GRU - Dick ++ RAL: OD5RI - Riri ++  
++ WA4FKI - Bill (Co-ordinator Region 2) ++ VU2UR - Arasu (Co-ordinator Region 3) ++  
++ DF5UG - Hans (EC-IARU-R1) ++ DF8FE – Martin (Webmaster assistance) ++ DL8AAM – Tom (ALE) ++  
++ G3VZV – Graham (satellite intrusions) ++ DK4VW - Ulli (DARC-HF-Department) ++  
++ DJ7KG - Georg (beacons) ++ DF5SX - Wolfgang (BC) ++ DARC (server support) ++  
++ German PTT ++ British PTT ++ Spanish PTT ++ Finnish PTT ++ other European PTTs ++  
++ IARU Region 1 assistance ++

Part 1: News and infos

Part 2: Detailed reports from the national co-ordinators

Important Links – now available on <http://www.iarums-r1.org>

Soundfiles – now - <http://www.iarums-r1.org>

Latest Intruder News – often updated - <http://www.iarums-r1.org> –

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## Part 1: News and Infos

### 1. 28100.0 – DRM Transmissions from Technical University Delft, The Netherlands – a hazard to Amateur Radio

After the complaints of IARU Monitoring System we all hoped that the project was stopped. However the Dutch Telecom sees no reason to prohibit further tests on 28100 kHz by TU Delft if an amateur radio call signs is announced regularly during the transmissions. So we can expect the worst: DRM freaks will really continue transmitting on 28100 kHz. VERON President Dick PA2DW and Sjoerd PA0SHY from VERON board will have a serious eyeball QSO with the amateur involved from TU Delft to propose a shift into the 29 MHz section of the 10-m-band and transmissions with a maximum bandwidth of 6 kHz.

Amateur Radio is an experimental service, developing new technologies for the future. DRM on 28100 is **nonsense**, because this mode will not have any future chance on our narrow bands. The main reason for this transmission seems to be the personal reputation of this amateur working for TU Delft.

### 2. DPRK-FSK from MFA Tripolis – Libya on 14038.5 – 14098.420 - 14248.5 kHz - 14333.420 kHz

No longer active.

### 3. 28000 – 29700 kHz - CIS taxi cabs, many Spanish, French and Italian CB like intruders

CIS taxi cabs were again audible in FM. Most of them seem to transmit from Ukraine and Belorussia.

They are not respecting any HAM traffic, as usual. You can hear the base station operated by a woman and the husband from the taxi. Sometimes you can hear the telephone dial tones, too.

Much CB like traffic was heard from France, Spain and Italy in AM and FM. **Same as August 2007.**

### 4. 7050 kHz – IM product from Voice of Russia (VOR)

We observed an IM product from VOR on 7050 kHz. Calculation:  $2 \times 7195 = 14390$  kHz

$14390 - 7340 = 7050$  kHz --- The German PTT (BNetzA) sent a complaint to the Russian PTT.

### 5. 14262.0 kHz - Unidentified carrier / CW

The carrier has disappeared.

### 6. 14000 kHz – Pirates from Middle East

A pirate net in Hindi language was daily active in USB, all day, at various times. Purpose unknown.

### 7. 7100 – 7200 kHz – the new CIS military band

We found many CIS MIL systems in "our new range", common printers and AT3004D (12 tone system).

### 8. Spanish Pirate Invasion

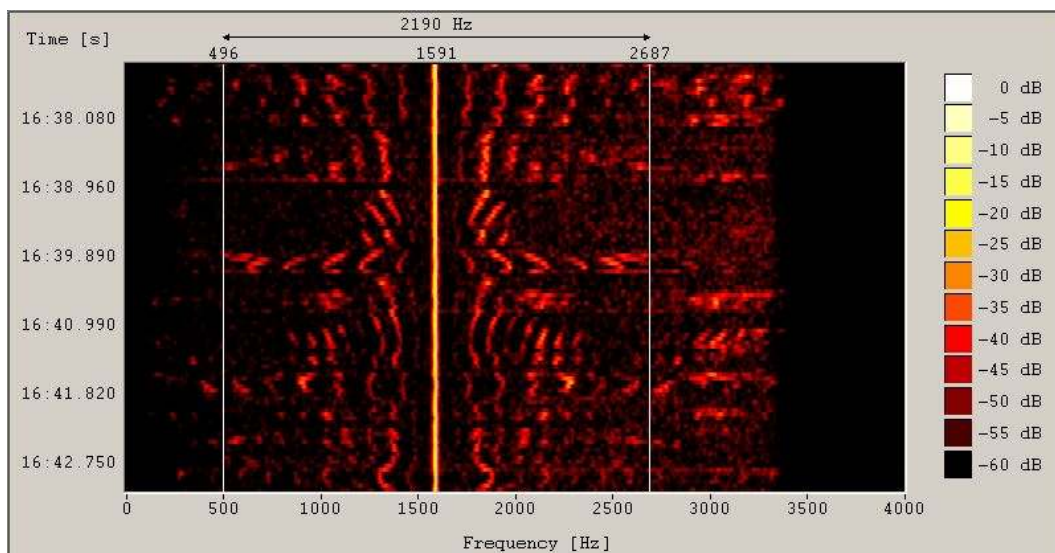
7000, 14000, 14014.5, 14100, 14114.5, 14320, 14350, 21000, 21100 **USB** – Spanish fishery and family traffic, daily, various times! **No change!**

### 9. Homepage IARUMS Region 1 <http://www.iarums-r1.org>

Homepage IARUMS Region 2 <http://www.iaruregion2.org>

Homepage IARUMS Region 3 <http://www.jarl.or.jp/iaru-r3/ms/r3msnl.htm>

**French amateurs on 3040 kHz in AM every morning. The sonagram shows the carrier and both sidebands. These fellows are no intruders. They do not respect the IARU Region 1 bandplans.**



## Part 2: Detailed reports from the national Co-ordinators

dly = daily ... vt = various times ... vd = various days ... pps = pulses per second (radar systems) ... BD = Baud ...  
 SH = Shift ... J3E-U = USB ... J3E-L = LSB ... MIL = military ... NGO = non governmental organization  
 MM = month ... DD = day ... ITU = ITU abbreviation ... PRC = People Republic of China ...  
 PLA = people's liberation army ... MFA = Ministry for Foreign Affairs

### ARSK – Kenya – 5Z4NU (Ted)

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
ARSK	6999.0	vt	dly	9	ETH?	UiPHONE	J3Eu	Amharic. Spreads into 40 m. band.
ARSK	7000.0	vt	dly	9	SOM	UiPHONE	J3Eu	Somalis, Bossasso. Phone patching.
ARSK	7002.0	0610	12	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7006.0	0350	18	9	ETH?	UiPHONE	J3E	Amharic?
ARSK	7008.0	vt	dly	9	SDN	M7, M10, M18, M21, M22, M125, 35, CM, others	J3E J3Eu	English, vernaculars, verbal Morse. Selcal. SPLA. Both sidebands used.
ARSK	7011.0	0600	22	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7012.0	vt	dly	9	SOM	Kismayu, Afmadu, Dobleh, Baidoa?	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni.
ARSK	7013.0	vt	*	9	SOM	UiPHONE	J3Eu	Somalis. *24,
ARSK	7014.0	0610	24	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7025.0	vt	*	9	SOM	UiPHONE	J3Eu	Somalis. * 7,15,
ARSK	7033.0	0705	22	9	SDN	UiPHONE	J3Eu	Vernacular, English. SPLA?
ARSK	7035.0	0535	7	9	SOM	UiPHONE	J3Eu	Somalis. Calling Asmara.
ARSK	7042.0	vt	*	9	SOM	UiPHONE	J3Eu	Somalis. *7,22,
ARSK	7045.0	vt	dly	9	SDN	MM, NE, NU, AA, AK, AJ, AL, AT, AO, DU, WL1, WL2, WL4, WL5, WL6, WL9, WL10, BR, WM, NU, MAJ, Ikola? Kabwe?	J3E J3Eu	Vernacular, Dholuo? English, phonetics. SelCal. Sudan, NGO, SPLA or SNLA?
ARSK	7045.0	0819	12	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7045.0	vt	dly	9	ZAI	Bukavu	J3Eu	KiSwahili, French.
ARSK	7046.0	vt	*	9	SOM	UiPHONE	J3E	Somalis. *15,22,
ARSK	7047.0	0525	27	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7048.0	vt	dly	9	SDN	WA, S, T, SM, AU, PK, PS, AC, BC, B15, CC, Malakal, Yambio,	J3E	English, vernacular, verbal Morse. NGO or SPLA?
ARSK	7050.0	vt	dly	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7061.0	1153	15	9	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	9	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	7069.0	vt	*	9	SOM KEN	UiPHONE/ Garissa	J3Eu	Unidentified Somalia station working with Garissa. *9,23,
ARSK	7070.0	vt	dly	9	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein	J3Eu	Somalis. SelCal. Often late at night.
ARSK	7075.0	vt	dly	9	SOM	Galkayu, Kismayu, Baidoa	J3E J3Eu	Somalis. SelCal, phonepatching.
ARSK	14014.0	0348	29	9	?	UiPHONE	J3Eu	Two men, possibly Indonesian.
ARSK	14320.0	1228	25	9	SOM	UiPHONE	J3Eu	Somalis.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3540,0	0504	03	09	A3E	F	French Amateurs	French Amateurs in A3E, disrespect of IARU Bandplan
DARC	7000,0	vt	vd	09	J3E-U	E	UiILL	Spanish fishery, heard 04 13 19 at 1854, 1943, 1822
DARC	7000,0	vt	vd	09	J3E-U	E	UiILL	Spanish fishery, heard 07 16 at 1919, 0734
DARC	10103,0	0919	19	09	J3E-U	E	UiILL	fishery, to 14130
DARC	10105,0	1957	01	09	J3E-U	MRC	UiILL	pirates
DARC	10111,0	1915	07	09	J3E-U	MRC	UiILL	pirates in Arabic
DARC	10125,7	1525	18	09	J3E-U	INS?	UiILL	pirates
DARC	10130,0	0931		09	J3E-U	E	UiILL	fishery, from 14103
DARC	10132,0	1909	02	09	J3E-U	KOR	UiILL	Korean ships
DARC	10135,9	0937	02	09	J3E-U	F	F9UL	French Amateurs in USB, disrespect of IARU Bandplan
DARC	10135,9	0937	02	09	J3E-U	F	F6HSJ	OP Patrick
DARC	10139,0	vt	02	09	J3E-U	F	F5AQH/p	OP André, heard 0934 - 0936
DARC	10139,0	vt	02	09	J3E-U	F	F6AWU	OP Alain, Nantes, heard 0934 - 0936
DARC	10150,0	1626	25	09	J3E-U	CIS	UiILL	man to woman in Russian (or Ukrainian) voice
DARC	14000,0	0911	04	09	J3E-U	F	UiILL	pirates in French voice, Africa? NGO??
DARC	14000,0	1049	19	09	J3E-U	ISR	ABC, HYF2	female voice, is Mossad
DARC	14000,0	2003	25	09	J3E-U		UiILL	pirates in Spanish voice, S.Am?
DARC	14000,0	1643	27	09	J3E-U	Af	UiILL	African net
DARC	14000,0	1825	27	09	J3E-U	B	UiILL	possibly pirates from Brasil
DARC	14000,0	vt	vd	09	J3E-U	F.Ea	UiILL	large net in Hindi (?) voice, heard 01 - 06 at 0930 - 1455
DARC	14000,6	0815	26	09	J3E-U	CIS	UiILL	pirates in Russian voice
DARC	14001,0	1637	23	09	J3E-L	S.As	UiILL	pirates in S.As voice, LSB used
DARC	14001,5	vt	vd	09	J3E-U		UiILL	large net, heard 02 - 07 at 1031 - 1628
DARC	14001,5	vt	vd	09	J3E-U	S.As	UiILL	pirates in S.As voice, heard 19 22 24 26 at 1304, 1320, 1000, 1450 - one OP is "Hamid"
DARC	14003,3	1447	02	09	J3E-U	S.As	UiILL	2 male persons in S.As voice
DARC	14014,0	1850	01	09	J3E-U	MRC	UiILL	Moroccan pirates
DARC	14020,0	0856	07	09	J3E-U	E	UiILL	Spanish fishery
DARC	14051,0	vt	vd	09	J3E-U	S.As	UiILL	pirates in S.As voice heard 11 23 at 1354, 1504
DARC	14072,2	1907	01	09	J3E-U	???	UiILL	pirates in French voice, Africa? NGO??
DARC	14102,5	1845	02	09	J3E-U	MRC	UiILL	pirates
DARC	14103,3	1613	08	09	J3E-U	S.Eu	UiILL	pirates from South Europe, no idents
DARC	14106,0	1617	08	09	J3E-U		UiILL	unid pirates, hellos, no hams
DARC	14110,0	0759	25	09	J3E-L	I	UiILL	male persons in Italian voice, mentioning "medicamento" and "Giuseppe"
DARC	14112,0	1914	01	09	J3E-U	E	UiILL	male persons in Spanish, no calls
DARC	14112,0	1929	06	09	J3E-U	KOR	UiILL	Korean ships
DARC	14135,9	vt	02	09	J3E-U	MRC	UiILL	2 male persons in Moroccan and French voice, fishery, position: 31 ° N / 10 ° W - admits that he has never heard of the existence of radio amateurs - S9+10db-signal
DARC	14141,6	2013	26	09	J3E-U	MRC	UiILL	pirates
DARC	14232,3	1314	23	09	J3E-U	F.Ea	UiILL	pirates
DARC	14312,0	1200	15	09	J3E-U	F.Ea	UiILL	pirates from Far East
DARC	14316,0	1846	17	09	J3E-U	MRC	UiILL	pirates
DARC	14320,1	1240	07	09	J3E-U	S.As	UiILL	pirates in S.As voice, Diesel engine noise
DARC	14325,0	1526	11	09	J3E-U		UiILL	pirates in Ar voice, hellos
DARC	14326,0	1310	25	09	J9WWF		UiILL	unid voice with voice scrambler
DARC	14345,0	1853	08	09	J3E-U	E	UiILL	Spanish male to female, earlier on 14350
DARC	14350,0	1848	08	09	J3E-U	E	UiILL	Spanish male to female, later to 14360
DARC	18101,8	1222	15	09	J3E-U	S.As	UiILL	pirates in S.As voice
DARC	18102,0	vt	vd	09	J3E-U	S.As	UiILL	pirates in S.As voice, heard 17 25 at 1020,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
								1318
DARC	20998,5	vt	vd	09	J3E-U	CHL	B4, E056, TB2	net in Spanish voice, man calling "B4", "E056", "TB2", heard 13 14 21 at 1900, 1910, 1908 - splatters into ham band
DARC	21000,0	1848	13	09	J3E-U	B	UiILL	pirate net
DARC	21000,0	1514	20	09	J3E-U	E.Af	UiILL	pirate net, QTE 120 degs, poss. Indian Ocean
DARC	21001,5	1837	13	09	J3E-U	E	UiILL	Spanish family traffic
DARC	28000,0	vt	vd	09	F3E	CIS / RUS	UiILL	CIS taxis F3E, daily 28000 - 29700
DARC	28015,0	1329	21	09	J3E-U	E	UiILL	CB-ers in Spanish voice
DARC	28275,0	1412	21	09	J3E-U	E	UiILL	CB-ers in Spanish voice

### DARC – Germany – Part 2 – DJ9KR (Uli) / DK2OM (Wolf)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3540,0	0504	03	09	A3E	F	French Amateurs			using A3E in CW section
DARC	3544,0	1830	16	09	F1B	CIS	UiPTR	50	250	unid printer
DARC	3560,0	vt	vd	09	A3E	KRE	Radio Korea (North)			broadcast daily heard 07 - 19 at 1821 - 2120
DARC	3562,0	1929	09	09	G7B		UiMUX			ARCOTEL, 2k4, serial MIL-modem, is legal!
DARC	3626,0	1922	16	09	FSK8	I	IW2AAW			ALE heard in phone band!!!
DARC	3756,0	1928	16	09	A3E	UKR	The Pip			channel marker with 10 tones
DARC	3800,0	1834	09	09	JAM		UiJAM			wobble jammer, 1900: nil
DARC	7000,0	1703	01	09	A3E	BLR	Radio Minsk			IM product of 7105, Radio Belarus Minsk
DARC	7000,0	1556	08	09	G7B		UiMUX			frequency hopper
DARC	7000,0	1206	12	09	FSK8	I	UiMUX	125	1750	ALE, selcalls 2009, 1000 - Italian Carabinieri, daily
DARC	7000,0	1308	18	09	FSK8		UiMUX	125		THALES-3000 Skymaster, unid
DARC	7000,0	vt	vd	09	A3E	BLR	Radio Belarus			splatters or IM of Radio Belarus on 7105
DARC	7003,0	0713	26	09	FSK8		UiMUX	125	1750	ALE, selcalls T01 and T01147 - is US MIL
DARC	7013,0	1840	04	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	7013,0	0910	17	09	J7D		UiMUX			12-tone-AT-3004-D
DARC	7013,0	0725	21	09	J7D		UiMUX			12-tone-AT-3004-D
DARC	7018,8	0811	19	09	F1B		UiPTR	52,3	1000	unid printer
DARC	7022,0	0840	20	09	J7D	RUS	UiMUX			12-tone- AT-3004-D
DARC	7024,0	0948	01	09	J7D	RUS	UiMUX			12-tone- AT-3004-D
DARC	7025,0	1246	02	09	J7D	RUS	UiMUX			12-tone- AT-3004-D
DARC	7025,0	1334	29	09	F1B		UiPTR			printer and reversals
DARC	7030,0	1315	04	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	7030,0	0714	28	09	F1B	RUS	UiPTR	81	250	unid printer, system 81
DARC	7038,7	vt	01	09	A1A	UKR	beacon D			located Sevastopol
DARC	7038,8	vt	dly	09	A1A	RUS	beacon P			located Kaliningrad
DARC	7038,9	1900	dly	09	A1A	RUS	beacon S			located Murmansk
DARC	7039,0	vt	dly	09	A1A	RUS	beacon C			located Moscow
DARC	7039,2	dly	vd	09	A1A	RUS	Beacon F			beacon Vladivostok
DARC	7039,6	0814	01	09	A1A	I	IZ3DVW / BEACON			unwanted beacon
DARC	7050,0	1947	17	09	G7B		UiMUX			frequency hopper
DARC	7050,0	vt	vd	09	A3E	RUS	Voice of Russia			IM from 7195/7340, heard 18 - 25 1630 - 1910 - reported to KON
DARC	7052,0	0625	05	09	J7D	RUS	UiMUX			12-tone-AT-3004-D

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7054,0	vt	vd	09	F1B	RUS	PTR Novgorod			very active station, very harmful, heard all month (20 reports) 1916 - 2204
DARC	7056,7	2217	14	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7057,7	2140	22	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7058,7	2121	19	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7059,1	2209	15	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7059,2	2112	0849	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7060,0	2216	27	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7061,6	1934	02	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7061,9	2228	29	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7062,4	2053	04	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7063,0	2215	14	09	A1A		UiCW			encrypted CW
DARC	7064,3	1930	09	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7064,8	2148	28	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7066,3	1930	16	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7070,5	2058	24	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7076,6	2045	10	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7078,4	2129	05	09	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7080,0	0249	07	09	FSK8	ALB	UiMUX			ALE, selcall 5810, Albanian MOPO (Ministry of Public Order)
DARC	7090,0	vt	02	09	A3E	BLR	Radio Minsk			splatters from 7105, heard 02 at 1935 - 1957 - daily active
DARC	7090,0	0628	12	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	7100,0	1831	08	09	A3E	KOR	Radio Korea (North)			French px
DARC	7100,0	1627	11	09	A3E	ERI	Voice of the Broad Masses			typical broadcast and music
DARC	7114,0	0831	05	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	7117,0	1611	08	09	F1B	RUS	UiPTR	96	1000	unid printer system CIS-14
DARC	7117,0	vt	vd	09	F1B	RUS	UiPTR	50	1000	unid printer heard 24 25 at 1516, 1317
DARC	7119,0	0724	25	09	F1B	RUS	UiPTR	81	250	unid printer
DARC	7133,0	1029	19	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	7162,0	1321	18	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	7162,0	1250	26	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	7184,0	vt	vd	09	J7D	RUS	UiMUX			12-tone-AT-3004-D heard 18 19 at 1320, 0814
DARC	7188,0	0811	28	09	F1B	RUS	UiPTR	81	250	unid printer system 81
DARC	10101,0	0946	02	09	F1B		UiPTR			unid printer
DARC	10101,0	1846	14	09	G7B		UiMUX			frequency hopper
DARC	10110,0	1903	23	09	G7B		UiMUX			frequency hopper
DARC	10112,0	0725	dly	09	8PSK	TUR	UiMUX	2k4	2500	STANAG-4285, 8PSK, TUR MIL daily
DARC	10113,0	0914	08	09	FSK8	TUN	Tunisian			ALE, selcall TUD

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							MOI			
DARC	10114,8	0619	dly	09	F1B	RUS	UiPTR	96	1000	system CIS-14, daily
DARC	10118,0	0932	30	09	G7B		UiMUX			frequency hopper
DARC	10119,0	1215	13	09	F1B	RUS	UiPTR	50	250	unid printer
DARC	10123,0	1501	23	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	10125,0	1407	10	09	FSK8	ALG	UiMUX			ALE, selcalls TNS, MAE, is Algerian MFA, daily
DARC	10125,0	1528	18	09	FSK8	M.Ea	UiMUX			ALE, selcall "T1782", is US-MIL, daily
DARC	10125,0	1533	18	09	FSK8	MLI	ALG Diplo Gao, Mali			ALE, selcall "GAO", Alg Consulate Gao, Mali, daily
DARC	10125,0	1535	18	09	FSK8	MLI	ALG Emba Bamako, Mali			ALE, selcall "BKO", Alg Emba Gao, Mali, daily
DARC	10125,0	1712	27	09	A3E		UiBC			unid BC, IM
DARC	10127,0	1634	05	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	10127,0	vt	vd	09	FSK8		UiMUX			system ALE, selcall 101
DARC	10128,0	1816	25	09	F1B	RUS	UiPTR	50	250	unid printer
DARC	10129,0	1406	21	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	10130,0	0944	02	09	F1B		UiPTR			unid printer
DARC	10130,0	2008	08	09	A3E		UiBC			unid BC
DARC	10130,0	2210	14	09	F1B		UiPTR	50	850	unid printer
DARC	10130,0	0715	28	09	F1B		UiPTR	100	4180	unid printer
DARC	10133,8	1600	01	09	F1B		UiPTR	46,2	170	ARQ-E, unid
DARC	10134,0	0944	02	09	F1B		UiPTR			unid printer
DARC	10137,0	1548	17	09	FSK8	INS	UiMUX			ALE from Indonesia, selcall "055", daily
DARC	10144,0	1245	14	09	F1B	RUS	UiPTR	81	250	system 81
DARC	10150,0	1708	21	09	P0N	G / CYP	British OTH-Radar			50-pulses-per-second
DARC	14000,0	0937	01	09	G7B		UiMUX			frequency hopper
DARC	14000,0	1704	01	09	F1B	EGY	UiPTR	300	820	Egyptian telemetry FSK
DARC	14000,0	0732	02	09	N0N		UiCAR			unid carrier
DARC	14000,0	1049	19	09	A3E	ISR	ABC, YHF2			female voice "Alfa Bravo Charlie" and "Yankee-Hotel-Foxtrott-Two"
DARC	14000,0	1252	27	09	FSK8	USA	UiMUX			ALE, selcall WNG777, is UNID Federal US Governmental Agency
DARC	14000,5	0749	25	09	G7B	EGY	SSE (MFA Cairo)			CODAN-9001, 16 x 75 Bd, QPSK, is MFA Cairo
DARC	14000,7	0747	25	09	F1B	EGY	SSE (MFA Cairo)	100	170	SITOR-A, is MFA Cairo ATU80 alphabet
DARC	14001,5	1818	19	09	F1B	RUS	UiPTR	50	250	unid printer
DARC	14002,0	2007	25	09	8PSK		UiMUX			MIL-188-110A, 2k4, unid
DARC	14003,0	0819	11	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14005,0	0647	11	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14005,0	0727	27	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14006,0	vt	vd	09	F1B	RUS	UiPTR Moscow			unid printer heard 06 13 18 25 27 28 at 0649 - 1307
DARC	14006,0	vt	vd	09	F1B	RUS	UiPTR Moscow	75	250	unid printer heard 11 20 at 1241, 0842
DARC	14008,0	vt	vd	09	F1B	RUS	UiPTR	50	500	unid printer heard 13 17 at 0649, 0941
DARC	14026,0	vt	vd	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14037,0	0732	16	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14037,7	0751	19	09	F1B		UiPTR	52,3	1000	unid printer - harmonic of 7018,8?
DARC	14038,5	vt	vd	09	FSK		UiPTR	600	600	DPRK-FSK600/600 heard 05 - 13 at 1724 - 1748
DARC	14050,0	0708	26	09	F1B	RUS	UiPTR	75	250	unid printer

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14052,0	0730	08	09	J7D	RUS	UiMUX			12-tone-AT-3004-D heard 05 06 08 17 26 28 at 0626 - 0939
DARC	14056,7	1010	10	09	FSK	PAK	MFA Islamabad	100	170	SITOR-A, MFA Islamabad
DARC	14091,0	vt	vd	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14097,0	1642	08	09	G7B		UiMUX			frequency hopper
DARC	14098,4	vt	vd	09	FSK		UiPTR	600	600	DPRK-FSK600/600 heard 02 - 14 at 1530 - 1700
DARC	14103,3	1613	09	09	G7B		UiMUX			frequency hopper
DARC	14104,0	0724	01	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14104,0	vt	vd	09	F1B	BLR	UiPTR Minsk	81	250	heard 04 - 23 at 0720 - 0904
DARC	14105,0	1426	01	09	G7B		UiMUX			frequency hopper
DARC	14110,0	2005	01	09	G7B		UiMUX			frequency hopper
DARC	14112,0	1942	01	09	G7B		UiMUX			frequency hopper
DARC	14115,0	1450	27	09	P0N	G / CYP	British OTH-Radar			50-pulses-per-second, // to 14345
DARC	14117,0	1235	16	09	F1B		UiPTR			unid printer
DARC	14119,0	1015	21	09	F1B		UiPTR			unid printer
DARC	14120,0	vt	vd	09	F1B	RUS	UiPTR Moscow	81	250	unid printer, heard 02 - 17 at 0709 - 0907
DARC	14122,0	0757	03	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14122,0	vt	vd	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14133,0	0843	20	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14134,0	1028	10	09	F1B		UiPTR			unid printer
DARC	14135,0	0935	10	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14135,0	0939	13	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14137,0	0738	10	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14141,0	1215	13	09	F1B	RUS	UiPTR	75	500	unid printer
DARC	14142,0	1014	01	09	F1B	RUS	UiPTR	75	250	unid printer
DARC	14143,9	1450	12	09	N0N		UiCAR			unid carrier
DARC	14144,0	0954	12	09	F1B	RUS	UiPTR	81	250	unid printer
DARC	14162,0	0712	28	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14184,0	vt	vd	09	F1B	RUS	UiPTR Minsk	81	250	heard 04 19 at 0907, 0754
DARC	14186,0	vt	vd	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14192,0	0743	08	09	F1B	RUS	RUS Navy Kaliningrad	50	500	RUS Navy Kaliningrad
DARC	14204,0	0723	01	09	F1B	RUS	UiPTR	81	250	unid printer
DARC	14211,0	0850	06	09	F1B	RUS	UiPTR	100	250	unid printer
DARC	14222,0	0627	05	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14222,0	0710	26	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14234,0	1312	23	09	F1B		UiPTR	50	2000	is harmonic of 7117 (there the shift is 1000 Hz)
DARC	14239,0	1025	21	09	F1B		UiPTR			unid printer
DARC	14240,0	1317	01	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14240,0	vt	vd	09	A3E	RUS	Radio Rossiye			BC, harmonic of 7120, heard 17 20 21 22 at 1505 - 1554, daily
DARC	14242,0	0713	28	09	J7D	RUS	UiMUX			12-tone-AT-3004-D
DARC	14314,0	0709	02	09	F1B	EGY	SSE (MFA Cairo)	100	170	SITOR-A, ATU 80 alphabet
DARC	14320,0	vt	vd	09	A3E	ROU	Radio Bucharest			harmonic of 7160 - report to KON
DARC	14325,0	0755	10	09	FSK8	CHN	UiMUX			ALE, selcall 124, PRC-PLA
DARC	14325,0	1425	12	09	G7B		UiMUX			frequency hopper
DARC	14326,5	1330	12	09	G7B	EGY	SSE (MFA Cairo)			CODAN-9001, 16 x 75 Bd, QPSK, is MFA Cairo
DARC	14326,5	1336	12	09	FSK	EGY	SSE (MFA	100	170	SITOR-A, calling



CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Cairo)			"TVVQ", which is EMBA Khartoum
DARC	14331,0	0820	24	09	F1B		UiPTR			unid printer
DARC	14333,4	1430	03	09	FSK		UiPTR	600	600	DPRK-FSK600/600
DARC	14336,0	1245	15	09	A1A		UiCW			encrypted CW, 5 letter groups
DARC	14340,0	0737	08	09	A1A		UiCW			encrypted CW
DARC	14345,0	1517	06	09	G7B		UiMUX			frequency hopper
DARC	14345,0	1450	27	09	P0N	G / CYP	British OTH-Radar			50-pulses-per-second, // to 14115
DARC	14346,0	0946	12	09	FSK8	CHN	UiMUX			ALE, selcall 140, PRC-net
DARC	14346,7	1450	06	09	F1B	EGY	SSE (MFA Cairo)	100	170	SITOR-A
DARC	14350,0	1900	09	09	G7B		UiMUX			frequency hopper
DARC	14350,0	1239	11	09	P0N	G / CYP	British OTH-Radar			50 pulses per second (50-Hz-system)
DARC	14350,0	1545	17	09	P0N	G / CYP	British OTH-Radar			50-pulses-per-second
DARC	18100,0	1213	08	09	G7B		UiMUX			frequency hopper
DARC	18107,0	1249	08	09	F1B	RUS	UiPTR	50	200	unid printer, idling
DARC	18107,0	1002	24	09	F1B	RUS	UiPTR	50	200	unid printer
DARC	21135,0	vt	dly	09	FSK8	IRQ	Iraq MOD			ALE, selcalls MOD, IGF, SFCL - daily active
DARC	21135,2	vt	dly	09	FSK8	IRQ	Iraq MIL Mossul			ALE, selcalls 1030, 6401
DARC	21145,8	1212	03	09	A1A	I	IZ3DVW / BEACON			unwanted beacon, permanent
DARC	21170,0	0726	01	09	P0N	G / CYP	British OTH-Radar			OTH 25 pps (25 Hz-system)
DARC	28245,8	vt	vd	09	FSK	E	UiPTR			FSK, reversals, heard 06 09 10 at 0706 - 1640

### MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	1652	03	09	UNID	UNID	ALE	125	1750	Callsigns: FCC, AKK
MRASZ	7003,0	0-24	dly	09	FSK8	USA	ALE	125	1750	AMERICAN AIR FORCES IN KOSOVO CALLSIGNS: T01147
MRASZ	7014,0	2202	10	09	FSK8	UNID	ALE	125	1750	411414 called 411411
MRASZ	7026,0	0421	10	09	FSK8	UNID	ALE	125	1750	431 CALLED 314 OTHER CALLS: 417
MRASZ	7026,0	0214	10	09	FSK8	UNID	ALE	125	1750	Diam0utlpr0main called diam0ndpr0main
MRASZ	7026,0	0114	17	09	FSK8	UNID	ALE	125	1750	c111875 was called by ctc875
MRASZ	7026,0	0-24	dly	09	FSK8	UNID	ALE	125	1750	314 - 417, 642
MRASZ	7034,0	0443	11	09	FSK8	UNID	ALE	125	1750	527 called 277
MRASZ	7038,0	0800	01	09	UKR	D	Beacon			D LETTER
MRASZ	7039,0	1725	02	09	RUS	C	Beacon			C Letter, Moscow
MRASZ	7045,0	0-24	dly	09	FSK8	GEO	ALE	125	1750	8GS net. Callsigns: BRN KBT ART MHE 2BR

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7054,0	2156	01	09	FSK2	RUS	REA4	50	250	s7 fast revs and telegram
MRASZ	7060,0	0043	10	09	FSK8	UNID	ALE	125	1750	SND 9056
MRASZ	7061,0	0159	11	09	FSK8	UNID	ALE	125	1750	211211 called 211215
MRASZ	7062,0	0214	10	09	FSK8	UNID	ALE	125	1750	100 called 105
MRASZ	7070,0	0-24	dly	09	FSK8	UNID	ALE	125	1750	288 net
MRASZ	7075,0	1729	02	09	F1N	UNID		50	700	fast revs
MRASZ	7100,0	0-24	dly	09	FSK8	UNID	ALE	125	1750	Sounded: 1000, contacted: 0kr0kanmss - m0b2mss
MRASZ	14006,2	1316	11	09	FSK2	rUS	UiPTR	75	250	
MRASZ	14030,0	0836	01	09	G7D	Ui	UiMUX	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	14208,0	1102	21	09	FSK2	KRE	UiPTR	600	600	North Korean embassy
MRASZ	14246,0	1205	19	09	FSK2	KRE	UiPTR	600	600	North Korean embassy
MRASZ	14345,0	1100	21	09	FSK2	KRE	UiPTR	600	600	North Korean embassy
MRASZ	14346,0	1205	19	09	G7D	Ui	UiMUX	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H

### OEVSV – Austria – OE3DMA (Alex)

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

### SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
SRAL	7000,0	0600-1300	20	9		UiMUX	F7			
SRAL	7009,0	1330-1500	10, 13	9		UiMUX	F7			
SRAL	7022,0	0600-1100	6, 20	9		UiMUX	F7			
SRAL	7026,0	1400-1500	2	9		UiMUX	F7			
SRAL	7029,0	1210	24	9	RUS	RUR	A1A			
SRAL	7030,0	0815-1700	*	9		UiMUX	F1B			Days 4, 12, 18, 26 & 28
SRAL	7032,0	1315-1710	10	9		UiMUX	F7			
SRAL	7038,7	h24	dly	9	UKR	D	A1A			Sevastopol
SRAL	7038,9	h24	1-19	9	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	9	RUS	C	A1A			Moscow, miskey 17-22
SRAL	7044,0	1300-1500	9, 24, 28	9		UiPTR	F1B		250	
SRAL	7050,0	1700-1800	2-30	9	RUS	VoRussia	A3E			TX intermod: 7340 & 7195 kHz
SRAL	7054,0	1900-0600	1-18	9	RUS	UiPTR	F1B		250	
SRAL	7059,0	0900-0930	11	9		UiPTR	F1B		250	
SRAL	7076,0	0500-0530	24	9		UiPTR	F1B		225	
SRAL	7080,0	0620-	14,	9		UiPTR	F1B		500	

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
		1015	20							
SRAL	7100,0	1755-2100	dly	9	KRE	Voice of Korea	A3E			
SRAL	7100,0	0330-0500	dly	9	ERI	VoBME	A3E			
SRAL	7100,0	1330-1803	dly	9	ERI	VoBME	A3E			
SRAL	7122,0	0500-1400	*	9	RUS	RDL	F1B/A		200	MR 5F, 11 days
SRAL	14006	0700-0900	4, 13	9		UiPTR	F1B		250	
SRAL	14008	0900-1000	20, 24	9		UiPTR	F1B			
SRAL	14104	0830-1030	4,10	9	BLR	UiPTR	F1B		250	
SRAL	14120	0830-1100	3,10, 20	9	RUS	UiPTR	F1B		250	
SRAL	14122	0700-0900	*	9	RUS	UiMUX	F7			Days 3, 4, 6 & 13
SRAL	14135	0700-1300	10, 13	9		UiPTR	F1B		250	
SRAL	14184	0800-1030	4	9		UiPTR	F1B		250	
SRAL	14185	0830-1200	10	9		UiMUX	F7			
SRAL	14290	0820	13	9		UiMUX	F7			
SRAL	14332	0825	24	9		UiPTR	F1B			
SRAL	18107	1045-1400	14, 22	9		UiPTR	F1B			
SRAL	28000-29700	0830-1440	*	9	RUS/UKR	UiVOX	F3E			53 reports, days 3, 8, 10 & 23

### USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7012.5	1815	04	09			J7D	12x120		AT3004D
USKA	7011.6	1124	11	09	MKD	CS0	FSK8	125	1750	ALE: MIL 188-141A CS002@ To: RS0 This is: CS0 (CS_Zero)
USKA	7011.9	1721	12	09			A1A			quick on/off transmitting
USKA	7045.0	2131	04	09			J7D	12x120		AT3004D
USKA	7038.7	1716	12	09	RUS	D	A1A			beacon, Sevastopol; daily
USKA	7054.0	2010	03	09			F1B	50	200	uniden printer, RUS Mil - QTH Novgorod); daily
USKA	7054.0	2016	04	09			F1B	50	200	unident printer, (DK2OM: RUS Mil QTH Novgorod); daily
USKA	7067.5	2205	04	09		L9CC	A1A			Roundslip: CP17 de L9CC v
USKA	7939.0	1716	12	09	RUS	D	A1A			Moscow; daily
USKA	14008.0	1300	12	09			F1B	75	500	uniden printer
USKA	14052.0	1024	17	09			J7D	12x120		AT3004D
USKA	14106.5	1821	01	09			uniden			Burst signals with preamble (sounds like HF DL-HF-ACARS)
USKA	14120.0	0855	03	09			F1B	81	250	CIS81
USKA	14122.0	0819	03	09			J7D	12x120		AT3004D
USKA	14143.9	1305	12	09			N0N/F1 B		250	permanent carrier, sometimes FSK (distorted); light drift
USKA	14264.0	1358	07	09			J7D	12x120		AT3004D
USKA	14291.0	0814	03	09			J7D	12x120		AT3004D

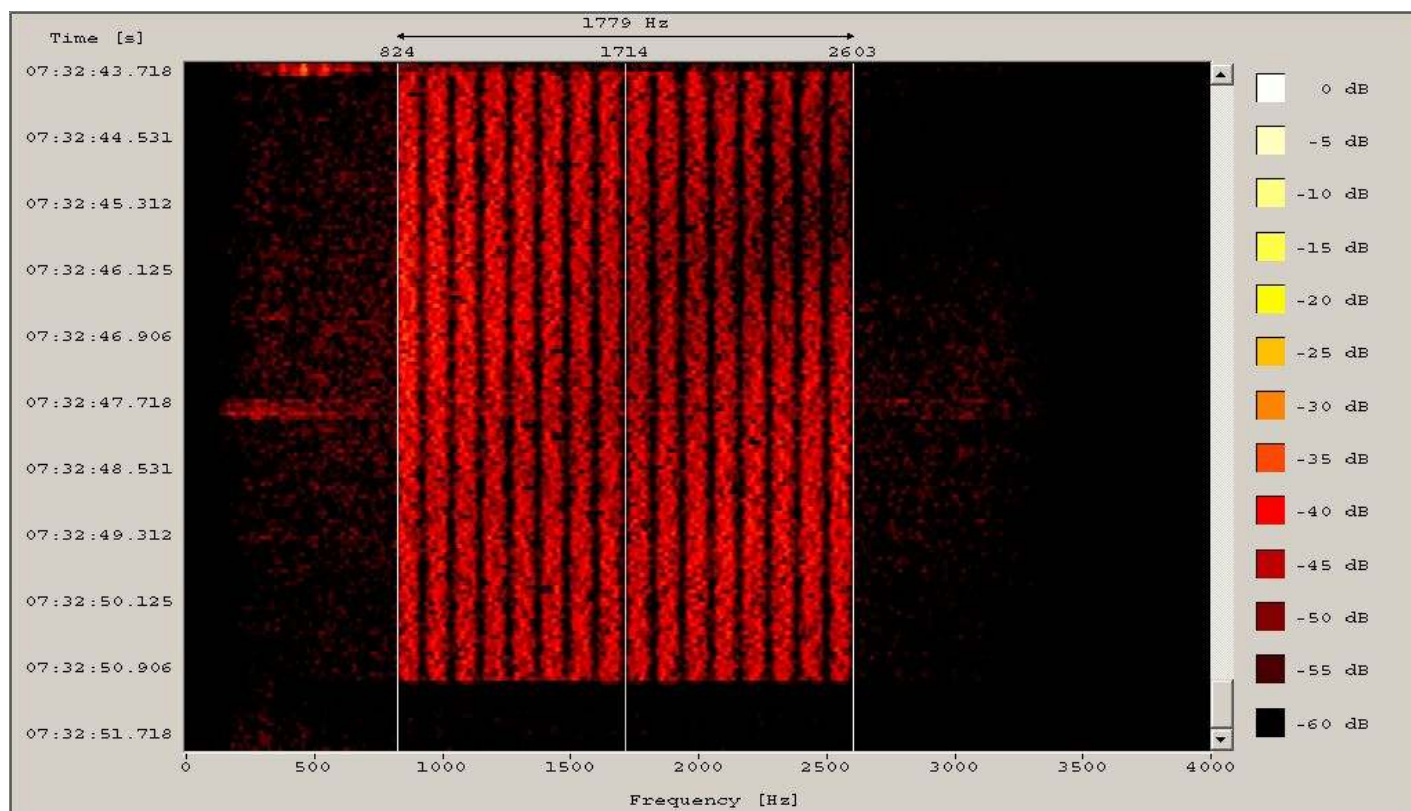
SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	14291.0	1345	07	09			A1A			uniden CW (no ham) encrypted?
USKA	14350.0	1642	12	09			J3e u			long Italian conversation, no ham
USKA	14346.8	0833	03	09	EGY	FFH	F1B	100	170	Sitor A & B; calling KKVO and long idling in FEC
USKA	14938.4	1740	12	09	LBY		F1B	600	600	daily, from Tripolis Libya
USKA	18107.0	1208	19	09			FSK	50	200	unident
USKA	28015.0	0855	11	09			A3E			Spanish voices, roger beeps
USKA	28026.0	0844	11	09		II	A1A			driftnet buoy
USKA	28035.0	1021	11	09			A3E			uniden language, roger beeps
USKA	28055.0	1024	11	09		AO	A1A			driftnet buoy
USKA	28075.0	1027	11	09			A3E			Spanish fishery network, sev stn
USKA	28085.0	1056	11	09			A3E			Spanish fishery network, sev stn
USKA	28115.0	1018	11	09			A3E			Spanish voices, roger pieps
USKA	28125.0	0900	11	09			A3E			Spanish radio net work, sev. stn
USKA	28145.0	0903	11	09			A3E			Spanish fishery net
USKA	28185.0	0836	11	09			A3E			Spanish voices, roger beeps
USKA	28218.0	0831	11	09			A3E			Spanish voices, roger beeps
USKA	28255.0	0905	11	09			A3E			Spanish voices, roger beeps
USKA	28275.0	0906	11	09			A3E			Spanish fishery network, sev stn
USKA	28305.0	0834	11	09			A3E			Spanish voices, roger beeps
USKA	28395.0	1013	11	09		AO	A1A			driftnet buoy

### Veron – Netherlands – PA0GRU (Dick)

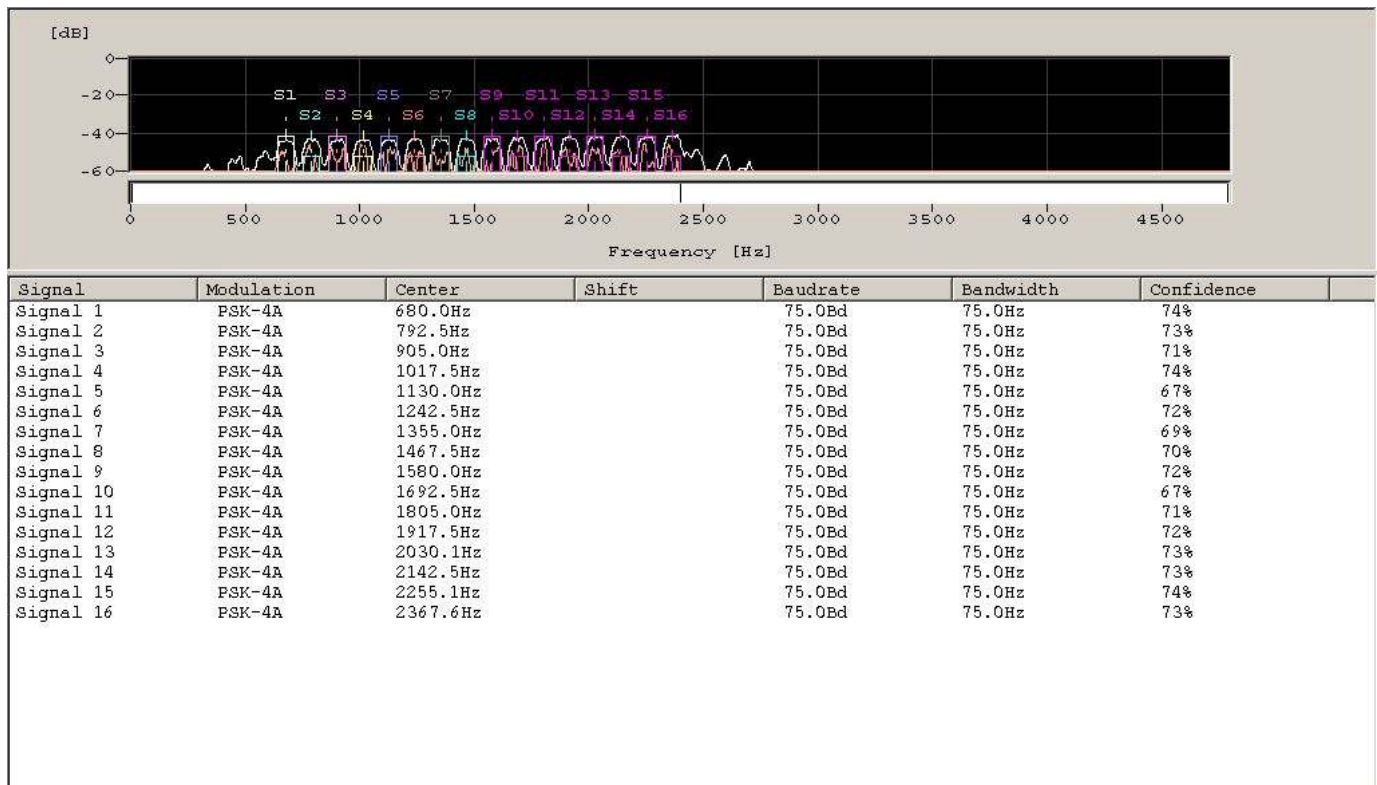
SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	7000,0	19.03	8	9	Italy?	UiCAR	NON		carrier
VERON	7000,0	20.09	13	9	E	UiHIL	J3eu		Spanish fishery, QRM op 3B7C !!!
VERON	7038,0	16.40	28	9		UiPtr	F1B	1000	Ptr
VERON	7038,7	05.18	**	9	UKR	D	A1A		19.30 utc, 30 days, beacon Sevastopol
VERON	7038,9	24H	**	9	RUS	C	A1A		29 days, beacon Moscow
VERON	7038,9	05.18	**	9	RUS	S	A1A		20.15 utc, 15 days, beacon Murmansk
VERON	7039,2	16.24	**	9	RUS	F	A1A		17.09 utc, 3 days, beacon
VERON	7050,0	16.52	**	9	RUS	V.O.R.	A3E		Voice of Russia (French language)
VERON	7050,0	17.07	19	9	RUS	V.O.R.	A3E		mix of 2 transmissions
VERON	7051,3	16.15	13	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7054,0	19.49	**	9	RUS	UiPtr	F1B	250	20.13 utc, 5 days, Revs/Ptr
VERON	7059,2	16.35	7	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7059,6	15.28	8	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7061,1	16.52	6	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7061,5	19.47	2	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7061,9	19.53	27	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7064,3	20.07	21	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7070,5	19.30	24	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7076,7	20.23	1	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7078,4	19.21	5	9	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	14006,0	11.07	**	9	CIS	UiPtr	F1B	250	14.00 utc, 2 days, Ptr
VERON	14008,0	08.32	**	9	CIS	UiPtr	F1B	250	09.22 utc, carrier/Revs/Ptr, 3 days
VERON	14008,0	07.58	20	9		UiPtr	F1B	250	Ptr
VERON	14014,0	06.12	**	9	CIS	LQ9R	A1A		08.53 utc, 2 days, Proc
VERON	14014,0	07.27	5	9	CIS	7SWX	A1A		to 6VYM: proc
VERON	14014,0	05.13	6	9	CIS	UiCW	A1A		to 6VYM: proc
VERON	14014,0	07.07	10	9	CIS	7SWX	A1A		to 2KLJ, VD1Q, A1KD, 3P7E,5BL,

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
									proc
VERON	14014,0	05.26	12	9	CIS	LQ9R	A1A		to VZ1R,6VJ1, (etc):proc
VERON	14014,0	06.08	19	9	CIS	LQ9R	A1A		to ZTDO, VZ1R, etc, proc
VERON	14014,0	06.38	26	9	RUS	WEGI	A1A		XXX WEGI 58528 ZUGDIOEC 6533 9042
VERON	14014,0	06.04	27	9	CIS	KPJW	A1A		to NC5L,WQDZ: proc
VERON	14014,0	07.12	29	9	RUS	5NWC	A1A		to WQDZ: Z/Q-codes, proc
VERON	14014,0	07.14	29	9	RUS	LHYS	A1A		to NC5L, 5BL
VERON	14014,0	07.36	29	9	RUS	KPJW	A1A		proc
VERON	14092,0	07.27	**	9	RUS	RGT77	A1A		08.21 utc, 2 days, RGT77-723-5BL- K
VERON	14092,0	08.45	27	9	RUS	WEGI	A1A		xxx WEGI 33424 dregster 2037 8494
VERON	14092,0	08.47	27	9	RUS	WEGI	A1A		xxx WEGI 46601 benzoksi 61442809
VERON	14092,0	08.54	27	9	RUS	RGT77	A1A		xxx RGT77 kfdp 80814 prestonica 8267751
VERON	14104,0	05.58	4	9	CIS	UiPtr	F1B	250	06.10 utc, Revs (06.25 utc) Ptr
VERON	14104,0	07.15	5	9	CIS	7SWX	A1A		to VD1Q,A1AK,3P7E: 5BL, proc
VERON	14104,0	08.30	**	9		UiPtr	F1B		09.10 utc, Revs/Ptr, 2 days
VERON	14120,0	11.09	4	9	RUS	UiMUX	J7D		12 tone AT 3004-D
VERON	14120,0	09.11	**	9		UiPtr	F1B	250	09.11 utc, 2 days, Ptr
VERON	14240,0	10.06	21	9		UiPtr	F1B	250	Ptr
VERON	14266,0	09.12	20	9		UiPtr	F1B		Ptr
VERON	14300,0	07.36	9	9	E	UiHIL	J3eu		Spanish, male voices, fishery
VERON	14333,0	09.12	20	9		UiPtr	F1B		Ptr
VERON	14349,0	10.30	23	9	E	UiHIL	J3eu		Spanish, male voices,

MFA Cairo with diplo traffic on our 20 m band. System: Codan 9001 –  
16 x 75 Bd – QPSK - Wavecom sonagram



MFA Cairo with diplo traffic on our 20 m band. System: Codan 9001 –  
16 x 75 Bd – QPSK - analyzed by the Wavecom Classifier.



## IARUMS Region 1

Manual2006, Monitoring Template, WAV-files, Fishery Buoys on 10m, Latest Intruder News, Co-ordinator´s Corner, Monthly Overview, Important Links, Contacts, Gallery, History of IARUMS Region 1, ITU Informations, the Story of Ron Roden´s Life, Successful Actions, Bandplans and Soundfiles are available on: <http://www.iarums-r1.org>

## The monitoring team of IARU Region 1

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