



International Amateur Radio Union



Region 1

Monitoring System

- IARUMS Region 1 -

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

June 2008

The members of the IARUMS Region 1 monitoring team:



Acknowledgements

++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ MRASZ: HA7PL - Laci ++ OEVSU: OE3DMA – Alex ++
++ RSGB: G4BOH - Chris ++ SARL: ZS6AKV - Hans ++ SRAL: OH2BLU - Pekka ++
++ USKA: HB9CET - Peter ++ VERON: PA0GRU - Dick ++ RAL: OD5RI - Riri ++
++ IRTS: EI4GXB - Ger ++ 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

Screenshots and measurements: [DK2OM with Wavecom decoders](#)

Copyright © IARUMS Region 1 - DK2OM

Part 1: News and Infos

1. Irish Catholic divine radio service on 10 m

The illegal Irish Catholic divine radio service on 28105 and 28205 kHz has been finished. The wireless service was allowed below 28 MHz, but this range was rather crowded. So some fellows decided to abuse our 10 m-band. We got this info at the IRTS-stall on the Hamradio 2008. Many thanks to our Irish friends, who found the illegal transmitters in Dublin and stopped this business together with the Irish authorities.



DJ9KR (Uli) asking EI7CD (Sean, left side) for the illegal divine service at the IRTS-stall.

2. Codar HF Radar on 24 MHz – location found out!

During May and June I found a Codar HF Ocean Wave Radar covering the whole 24 MHz-band!
The German PTT (BNetzA) took several bearings and found out, that the system is located in Naples, Italy.
I am astonished, that no HAM from Italy has complained of this radar!

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

Homepage IARUMS Region 2 <http://www.iaruregion2.org> – not available !

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



**Inofficial IARU-MS Region 1 meeting on the Hamradio 2008
from left: DK2OM, HA7PL, HB9CET, 6W1KI, DJ9KR**

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 = 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 *** MOPO = Ministry of Public Order *** IARUMS = IARU Monitoring Service

ARSK MONITORING REPORT FOR JUNE, 2008

Propagation was not good and on some days hardly any intruders were audible.

No intruders were identified from within Kenya, while Somalis, Sudanese and Francophone African stations were as prominent as usual.

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	6	ETH?	UiPHONE	J3E	Amharic. Spreads into 40 m. band.
ARSK	6999.0	vt	dly	6	KEN? UGA? TZA?	08, 15, 16, 20, 23, 24, 25, 26, 27, 32, 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. No positive identification.
ARSK	7000.0	0555	3	6	SOM	Boccaro.	J3E	Somalis.
ARSK	7002.0	0728	4	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7008.0	vt	dly	6	SDN	ET, M7, M10, M18, M21, M22, M125, 35,58, 32, CM	J3E J3Eu	English, vernaculars, verbal Morse.Selcal. SPLA. Malakal mentioned. Both sidebands used. Also uses 6877 KHz. USB.
ARSK	7011.0	0627	14	6	SOM	Baidoa	J3Eu	Somalis.
ARSK	7012.0	vt	dly	6	SOM	Kismayu, Afmadu, Dobleh, Baidoa?	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni.
ARSK	7022.0	vt	*	6	SOM	UiPHONE	J3Eu	Somalis. *6,17,
ARSK	7025.0	0525	30	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7026.0	vt	dly	6	SDN?	WY, AS, AK, Tembo, Twiga, K1, K2, JO, T2, JP, TA, I1, FA, QZ,	J3Eu	English. NGO. Little heard this month, possibly due to poor propagation.
ARSK	7028.0	0551	6	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7030.0	vt	*	6	SOM	UiPHONE	J3Eu	Somalis. *17,
ARSK	7035.0	vt	dly	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7040.0	vt	*	6	ETH	UiPHONE	J3Eu	Amharic.*10,
ARSK	7040.0	vt	*	6	ZAI	UiPHONE	J3E	Vernacular. *4,23,
ARSK	7045.0	vt	dly	6	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, presumably encrypted mssage.
ARSK	7048.0	vt	dly	6	SDN	WA, S, T, SM, AU, PK, PS, AC, BC, B3, B7, B8, B15,CC, Malakal, Yambio,	J3E	English, vernacular, verbal Morse. NGO or SPLA? Some Arabic heard.

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
ARSK	7050.0	0730	4	6	ETH	UiPHONE	J3E	Amharic.
ARSK	7050.0	0529	19	6	SOM	UiPHONE	J3E	Somalis. Could be NGO.
ARSK	7050.0	0535	14	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7055.0	vt	*	6	ZAI	UiPHONE	J3Eu	French, vernacular. NGO? *19,
ARSK	7057.0	vt	dly	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7062.0	0516	17	6	SOM	UiPHONE	J3Eu	Somalis. Phonepatching.
ARSK	7066.0	0540	11	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	6	SDN	B1, B2, AT, K1, KT, CT, TL, 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	9731	4	6	SOM	UiPHONE	J3Eu	Soimalis.
ARSK	7070.0	vt	dly	6	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein	J3Eu	Somalis. SelCal. Often late at night.
ARSK	7071.0	0530	11	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7074.0	0527	19	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7080.0	0535	18	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7085.0	0546	6	6	?	UiPHONE	J3Eu	French. Possibly central Africa.
ARSK	7100.0	vt	dly	6	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	3500,0	0616	03	06	J3E-U	HOL	UiILL	pirates in Dutch voice
DARC	3500,0	1928	15	06	J3E-U	E	UiILL	Spanish fishery
DARC	3512,0	1909	02	06	J3E-U	F	UiILL	pirates in French voice, talking and whistling
DARC	3520,0	0810	01	06	J3E-U	HOL	UiILL	Dutch pirates
DARC	3520,0	1956	04	06	J3E-U	G	UiILL	Walisian fishery, engine noise
DARC	3520,0	vt	dly	06	J3E-U	F	UiILL	French pirates
DARC	3534,0	0507	01	06	A3E	F	French Amateurs	using AM on CW-section, is in contradiction to IARU BANDPLAN
DARC	3550,0	0532	03	06	A3E	F	French Amateurs	not respecting IARU Bandplan - no A3E/SSB in range 3500 - 3600
DARC	3550,0	0458	28	06	A3E	F	UiILL	French lis Amateurs, no respect of IARU BANDPLAN
DARC	3555,0	2003	13	06	J3E-U	G	UiILL	Walisian fishery, engine noise
DARC	3580,0	1750	28	06	J3E-U	G	UiILL	Walisian fishery, engine noise
DARC	3590,0	2135	02	06	J3E	E	UiILL	Spanish fishery, J3E-U and/or Jk3E-L, also CRY-2001 voice encryption
DARC	3595,0	vt	02	06	J3E-U	J		Japanese male voices, "dozo", heard 0445 - 0452
DARC	3800,0	1817	10	06	J3E-U	G	UiILL	Walisian fishery, engine noise
DARC	7000,0	1355	14	06	J3E-U	I	UiILL	unid pirates, Italian voice
DARC	7000,0	vt	vd	06	J3E-L	I	Amateurs?	strange traffic in Italian, as SSB-LSB is Out-Of-Band-Operation - splatters into ham band with suppressed USB - the persons claim to be licensed Amateurs (sic!)
DARC	10101,9	1623	20	06	J3E-U	MRC	UiILL	pirates, possibly fishery
DARC	10136,0	1916	10	06	J3E-U	E	UiILL	pirates in Spanish voice, family traffic
DARC	10148,6	1620	19	06	J3E-U		UiILL	pirates in English voice
DARC	10149,0	1936	16	06	J3E-U	RUS	UiILL	pirates in Russian voice

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	14000,0	0819	02	06	J9WWF		UiILL	unid vocoder and J3E-U
DARC	14000,0	0858	11	06	J3E-U	E	4, José	pirates in Spanish voice, family traffic
DARC	14000,0	2050	16	06	J3E-U	B	UiILL	pirates, male to female
DARC	14000,0	1150	26	06	J3E-U		Alfa-40	man calling "Alfa 40"
DARC	14000,0	vt	vd	06	J3E-U	E	UiILL	Spanish fishery, "La Palma" mentioned - heard 02 at 1901 and 2029
DARC	14000,0	vt	vd	06	J3E-U	CLN	UiILL	fishery from Sri Lanka, heard 03 14 at 1342, 0716
DARC	14066,0	1747	04	06	J3E-U	F.Ea	UiILL	pirates from Far East
DARC	14100,0	2028	01	06	J3E-U	B	UiILL	pirates from Brasil
DARC	14350,0	vt	vd	06	J3E-U	E	UiILL	Spanish family traffic, male to female - heard 16 20 at 1701, 1710
DARC	28000,0	vt	vd	06	F3E	CIS	Taxi Cabs	28000 - 29700: Taxi cabs from RUS and CIS
DARC	28035,0	1519	03	06	F3E		UiILL	female voice, unid language
DARC	28055,0	2102	12	06	A3E	B	UiILL	CB-like traffic
DARC	28065,0	0812	03	06	F3E	RUS	UiILL	male to female in Russian
DARC	28100,0	0814	03	06	A3E	RUS	UiILL	male person in Russian
DARC	28110,0	0808	03	06	F3E	RUS	UiILL	female in Russian language
DARC	28140,0	0809	03	06	F3E	RUS	UiILL	male person in Russian
DARC	28140,0	0809	03	06	A3E	RUS	UiILL	2 male persons in Russian
DARC	28145,0	0814	03	06	F3E	RUS	Zentralnya	male to female in Russian
DARC	28170,0	0809	03	06	A3E	RUS	UiILL	male person in Russian
DARC	28175,0	0812	03	06	F3E	RUS	UiILL	female person in Russian
DARC	28195,0	0818	03	06	A3E	RUS	UiILL	female person in Russian
DARC	28205,0	0809	03	06	F3E	RUS	UiILL	female person in Russian
DARC	28210,0	0814	03	06	F3E	RUS	UiILL	female person in Russian
DARC	28210,0	1312	26	06	A3E	RUS	UiILL	CB-like traffic
DARC	28225,0	1541	03	06	F3E		UiILL	male voices

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	1916,7	1930	10	06	F1B	D	German Coast Guard	100	170	SITOR-A – legal operation!
DARC	3500,0	2151	04	06	G7B		UiMUX			frequency hopper
DARC	3500,0	0533	20	06	G7B		UiMUX			frequency hopper
DARC	3502,5	1941	05	06	F1B		UiPTR	100	150	unid printer
DARC	3503,0	2129	04	06	FSK8	ALG	UiMUX	125	1750	ALE, selcalls ZT20, AC20 - possibly ALG
DARC	3503,0	2132	04	06	G7B		UiMUX			frequency hopper
DARC	3503,0	1942	21	06	J7D	UKR	UiMUX			MPSK-12, AT-3004-D
DARC	3515,0	2011	01	06	G7B		UiMUX			frequency hopper
DARC	3523,0	1900	22	06	G7B		UiMUX			Stanag-4285, 2k4, 8PSK
DARC	3526,0	2150	20	06	J7D	RUS	UiMUX	12 x 120		MPSK-12, AT-3004-D, location Moscow
DARC	3526,0	vt	vd	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location area of St. Petersburg - heard 14 15 at 2018, 1839
DARC	3530,0	2216	16	06	FSK8		UiMUX	125	1750	ALE, selcalls BSN, VXNATT
DARC	3531,0	2018	01	06	A1A	BLR	UiCW			only dots, permanent, location Minsk
DARC	3534,0	0503	01	06	A3E	F	Lis Amateurs			French lis Amateurs, AM in CW section in contradiction to IARU Regulations
DARC	3545,0	00850	06	06	G7B		UiMUX			frequency hopper

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3551,0	2010	14	06	F1B	POL	UiPTR	100	130	unid printer, location East of Warsaw
DARC	3551,5	1946		06	J7D	UKR	UiMUX			MPSK-12, AT-3004-D
DARC	3553,7	2030	01	06	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, 8PSK - MIL permanent
DARC	3570,0	2017	24	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, west Russia
DARC	3582,0	1830	23	06	J7D	LTU	UiMUX	12 x 120		MPSK-12, AT-3004-D, area of Lithuania
DARC	3588,0	vt	vd	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow
DARC	3602,0	2127	13	06	J7D	BLR	UiMUX			MPSK-12, AT-3004-D, location Minsk
DARC	3611,6	2139	16	06	J7D		UiMUX			Link-11, unid
DARC	3767,0	2145	25	06	J7D	RUS	UiMUX			MPSK-12, 12-3004-D, located Kaliningrad
DARC	7000,0	1540	10	06	J7D		UiMUX			MPSK-12, AT-3004-D
DARC	7000,0	1900	18	06	A3E	BLR	Radio Minsk			IM from 7105
DARC	7003,0	1456	20	06	FSK8	Koso vo	UiMUX	125	1750	ALE, selcalls R23451, T01185 - KFOR
DARC	7008,0	0950	16	06	F1B	RUS	UiPTR	81	250	location Kaliningrad
DARC	7016,0	0830	11	06	F1B	RUS	UiPTR	81	250	unid printer
DARC	7016,0	0620	18	06	F1B	RUS	UiPTR	75	250	unid printer
DARC	7020,2	1838	24	06	F1B	RUS	UiPTR	50	250	unid printer, west Russia
DARC	7032,0	1551	10	06	G7B		UiMUX			frequency hopper
DARC	7034,0	1545	10	06	J7D	KAZ	UiMUX			MPSK-12, AT-3004-D
DARC	7038,7	1211	01	06	A1A	UKR	beacon D Sevastopol			located Sevastopol, heard 01 16 at 1211, 2126
DARC	7038,8	vt	vd	06	A1A	RUS	beacon P Kaliningrad			located Kaliningrad, heard 03 29 30 at 2006, 0939, 1440, 1718, 1928
DARC	7038,8	1933	17	06	A1A	RUS	beacon P Kaliningrad			located Kaliningrad, heard 03 29 30 at 2006, 0939, 1440, 1718, 1928
DARC	7038,9	2133	01	06	A1A	RUS	beacon S Murmansk			permanent
DARC	7038,9	vt	dly	06	A1A	RUS	beacon S Murmansk			beacon Murmansk, heard 01 16 18 1630 - 1836 - 2127
DARC	7039,0	0819	01	06	A1A	RUS	beacon C Moscow			located Moscow
DARC	7039,0	vt	01	06	A1A	RUS	beacon C Moscow			located Moscow, heard 01 02 07 30 at 0850 - 1557
DARC	7039,0	2140	08	06	A1A	UZB	beacon V Tashkent			letter "V" repeated
DARC	7039,6	0851	01	06	A1A	I	IZ3DVW / BEACON			roundslip by Italian Radio Amateur, not conform to bandplan of IARU, sometimes harmful - heard 01 07 18 at various times
DARC	7052,0	2143	08	06	G7B		UiMUX			frequency hopper
DARC	7054,0	vt	dly	06	F1B	RUS	Printer Novgorod	50	200	printer located Novgorod, very harmful as S 9 ++ - heard all month 0450 - 0630, 1830 - 2018 - 30 reports all month
DARC	7054,0	vt	vd	06	F1B	RUS	UiPTR	50	200	unid printer, location Nishniy Novgorod, heard 02 03 04 05 at 0626, 1855, 1844, 1710 - daily
DARC	7076,0	0652	11	06	F1B	RUS	UiPTR	75	500	unid printer

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7080,0	0643	03	06	F1B	RUS	UiPTR	81	500	unid printer, location Kaliningrad
DARC	7089,0	2132	01	06	A3E	BLR	Radio Minsk			spurious from Radio Minsk on 7105
DARC	7090,0	vt	vd	06	A3E	ERI	Voice of the Broad Masses			BC heard May 08 - 14 at 0605, 1356, 1600 - 1700 - later returned to 7100
DARC	7090,0	vt	vd	06	A3E	BLR	Radio Belarus Minsk			splatters of Radio Belarus on 7105 down till 7090
DARC	7091,5	0820	01	06	F1B	UKR	UiPTR	81	250	unid printer, location Lvov
DARC	7100,0	1831	08	06	A3E	KOR	Radio Korea (North)			heard 1830 - 1931
DARC	7100,0	1549	15	06	A3E	ERI	Voice of the Broad Masses			Af tribal music, heard 01 - 30 1549 - 1718
DARC	7122,0	1005	02	06	F1B	S	UiPTR	50	200	unid printer, location West of Stockholm
DARC	7122,0	0934	20	06	F1B	RUS	UiPTR	75	250	unid printer, location Moscow
DARC	7130,0	1745	20	06	JAM	CHN	Firedrake Jammer			is active
DARC	7157,0	0636	19	06	J7D	RUS	UiMUX	12 x 120		MPSK-12, AT-3004-D, location Kaliningrad
DARC	7162,0	0802	24	06	F1B	RUS	UiPTR	75	250	unid printer, east of Moscow
DARC	7164,5	0825	01	06	F1B	UKR	UiPTR	81	250	unid printer
DARC	7167,0	0955	18	06	F1B	LTU	UiPTR	75	250	unid printer, location Klaipeda
DARC	7185,0	1745	20	06	JAM	CHN	Firedrake Jammer			is active
DARC	10100,8	0620	05	06	F1B	D	DDK			German weather, daily
DARC	10100,8	1252	07	06	F1B	D	DDK			German weather, daily
DARC	10100,8	0630	11	06	F1B	D	DDK			German Weather Service, daily
DARC	10100,8	0743	12	06	F1B	D	DDK			is active
DARC	10107,9	0620	05	06	N0N		UiCAR			carrier
DARC	10108,0	0715	03	06	F1B	RUS	UiPTR	50	300	unid printer, location Samara
DARC	10108,0	0630	11	06	N0N		UiCAR			long lasting carrier
DARC	10108,0	0743	12	06	F1B		UiPTR			unid printer
DARC	10108,0	vt	vd	06	F1B	KAZ	UiPTR	50	200	heard 08 12 at 1447, 0650 - location Tashkent
DARC	10112,0	0827	01	06	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, 8PSK - MIL permanent
DARC	10112,0	0620	05	06	G7D	TUR	UiMUX	2k4		Stanag-4285, 2k4, 8PSK - MIL permanent
DARC	10114,8	0640	02	06	F1B	RUS	UiPTR	96	1000	unid printer, location East of Moscow
DARC	10115,2	0620	05	06	F1B		UiPTR			fast reversals
DARC	10115,2	0630	11	06	F1B		UiPTR			unid printer
DARC	10118,0	0639	20	06	F1B	RUS	UiPTR	41	250	unid printer, system FROST-1, location Kazan
DARC	10125,0	1619	11	06	FSK8	ALG	UiMUX	125	1750	ALE, selcalls MAE, TRP, daily
DARC	10125,0	1824	23	06	A3E		UiBC			unid BC
DARC	10126,0	0630	11	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	10129,4	0620	05	06	F1B		UiPTR			unid printer
DARC	10130,0	0646	03	06	F1B	RUS	UiPTR	50	500	unid printer, location Siberia
DARC	10130,0	2030	10	06	FSK8		UiPTR	125	1750	Thales Skymaster, unid, daily at various times

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	10130,0	0816	14	06	F1B	CAm	UiPTR	50	850	unid printer, location Central America (Honduras, Mexico???)
DARC	10130,0	2003	17	06	G7B		UiMUX			frequency hopper
DARC	10130,0	1202	25	06	F1B	CHN	UiPTR	45.6	500	unid printer 45,6 Bd, location N.Ea China
DARC	10130,0	vt	vd	06	A3E		UiBC			IM heard 10 11 12 17 23 at 1825 - 2005
DARC	10130,0	vt	vd	06	A3E		UiBC			IM daily, 20 - 24 at 1900 - 1946
DARC	10133,8	1618	10	06	F1B	ARS	UiPTR	46.2	170	ARQ-E, 46,2 Bd, 170 Hz, Saudi Arabia, daily
DARC	10143,0	0931	03	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, QPSK, location Samara
DARC	10144,0	1211	25	06	P0N		OTH-Radar System			unid OTH Radar, 20 pps
DARC	10145,0	1719	09	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14000,0	1005	05	06	P0N	G / CYP	British OH-Radar			is active, 50-Hz-system
DARC	14000,0	0858	11	06	P0N		Codar HF Radar			unid Codar HF Radar, 2 pps
DARC	14000,0	0718	26	06	N0N	M.E	UiMOD			unid mode, multi carrier system, 30 kHz wide, M.Ea?
DARC	14000,0	vt	vd	06	A3E	TWN	Sound of Hope			heard 01 02 06 at 1500, 1000, 1530
DARC	14000,0	vt	vd	06	A3E	CHN	Firedrake Jammer			heard 01 02 06 at 1500, 1000, 1530
DARC	14005,0	vt	vd	06	A3E	TWN	Sound of Hope			heard 03 - 24, 26 at various times
DARC	14005,0	vt	vd	06	A3E	JAM	Firedrake Jammer			heard 03 - 24, 26 at various times
DARC	14008,0	0735	08	06	N0N		UiCAR			carrier
DARC	14008,0	vt	vd	06	F1B	RUS	UiPTR	50	250	unid printer, location Velikye Luki, heard 02 02 06 at 0654, 1250, 0843, 0851
DARC	14010,0	1714	16	06	A3E		UiBC			Slavonic language
DARC	14010,0	vt	vd	06	JAM	TWN	Sound of Hope			heard 05 06 08 09 16 at various times
DARC	14010,0	vt	vd	06	JAM	CHN	Firedrake Jammer			heard 05 06 08 09 16 at various times
DARC	14025,0	1110	10	06	A3E	TWN	Sound of Hope			is active
DARC	14025,0	1110	10	06	A3E	CHN	Firedrake Jammer			is active
DARC	14025,0	1059	12	06	A3E		UiBC			is NOT Sound of Hope!
DARC	14026,0	vt	vd	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, heard 07 24 at 0730, 0742
DARC	14027,0	1220	09	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14030,0	vt	vd	06	A3E	TWN	Sound of Hope			heard 06 09 16 at various times
DARC	14030,0	vt	vd	06	JAM	CHN	Firedrake Jammer			heard 06 09 16 at various times
DARC	14038,4	vt	vd	06	F1B	LBY	UiMUX	600	600	DPRK-FSK600, heard daily 1700, location is Tripolis
DARC	14040,0	vt	02	06	A3E	IRN	IRIB			distorted BC px S 9 + 10 dB, fundamental found on 13770, also spurious found on 13500
DARC	14043,0	0913	05	06	FSK8		UiMUX			ALE heard
DARC	14050,0	0621	04	06	F1B	RUS	UiPTR	100	250	unid printer
DARC	14050,0	vt	vd	06	A3E	TWN	Sound of			heard 05 06 07 09

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Hope			
DARC	14050,0	vt	vd	06	JAM	CHN	Firedrake Jammer			heard 05 06 07 09
DARC	14055,0	vt	vd	06	A3E	G	BBC-World Service			heard QSA5 27 - 30 1700 - 1900, // 648 kHz
DARC	14064,0	0646	12	06	F1B		UiPTR			unid printer
DARC	14066,0	1848	05	06	FSK8		UiMUX			ALE, selcall "OR0"
DARC	14066,0	1651	08	06	G7B		UiMUX			frequency hopper
DARC	14070,0	vt	vd	06	A3E	TWN	Sound of Hope			heard 06 09 at various times
DARC	14070,0	1505	vt	vd	JAM	CHN	Firedrake Jammer			heard 06 09 at various times
DARC	14071,0	1925	18	06	G7B		UiMUX			frequency hopper
DARC	14075,0	0829	11	06	F1B	RUS	UiPTR	75	250	unid printer
DARC	14077,0	0629	11	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14077,0	0654	11	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location East Russia
DARC	14084,0	0640	09	06	F1B		UiPTR			unid printer
DARC	14090,0	1850	04	06	FSK8	CHN	UiMUX			ALE, selcalls 776, 799 - possibly located CHN
DARC	14090,0	vt	vd	06	A3E	TWN	Sound of Hope			heard 06 08 09 10 at various times
DARC	14090,0	vt	vd	06	JAM	CHN	Firedrake Jammer			heard 06 08 09 10 at various times
DARC	14091,0	vt	vd	06	J7D	BLR	UiMUX			MPSK-12, AT-3004-D, QPSK, North of Minsk
DARC	14100,0	0620	05	06	N0N		UiCAR			carrier
DARC	14102,0	2024	01	06	F1B	HRV	UiPTR	100	850	unid printer, location Croatia, daily
DARC	14104,0	0735	08	06	F1B		UiPTR			unid printer
DARC	14104,0	0648	13	06	F1B	BLR	UiPTR	81	250	unid printer, location North of Minsk
DARC	14104,0	vt	vd	06	F1B	RUS	UiPTR	81	250	unid printer, location Vladivostok, heard 01 07 at 0820, 0757
DARC	14110,0	0948	16	06	FSK8		UiMUX	125	1750	HAM-ALE!!! no intruder
DARC	14116,0	0715	03	06	F1B	RUS	UiPTR	75	250	unid printer, location Velikye Luki
DARC	14116,0	0515	09	06	F1B		UiPTR			unid printer
DARC	14118,0	1144	12	06	J7D		UiMUX			mux rushing noise
DARC	14120,0	0943	05	06	F1B		UiPTR			unid printer heard 05 08 10 11 16 0735 - 0947 - location near Moscow
DARC	14121,0	vt	12	06	J7D		UiMUX			MPSK-12, AT-3004-D, heard 0646 - 0749
DARC	14122,0	vt	vd	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, heard 07 12 17 19 20 24 26 at 0622 - 0941
DARC	14148,0	0830	01	06	A1A		UiCW			encrypted Cyrillic letters
DARC	14184,0	vt	12	06	F1B		UiPTR			unid printer heard 0646 - 0749
DARC	14186,0	0940	20	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14192,0	vt	vd	06	F1B	RUS	RUS Navy Kaliningrad	50	500	very active and harmful printer, heard all month 0510 - 1900 - 17 reports
DARC	14026,0	0756	10	06	J7D		UiMUX			MPSK-12, AT-3004-D
DARC	14204,5	1834	10	06	J7D		UiMUX			MPSK-12, AT-3004-D
DARC	14206,0	vt	vd	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, heard 23 24 26 at 0859, 0744, 0830 - location Murmansk
DARC	14210,0	0756	10	06	A3E	vt	UiBC			2f?
DARC	14210,0	0756	10	06	A3E		UiBC			harmonic?
DARC	14220,0	0831	01	06	F1B	RUS	UiPTR	41	500	system FROST-1

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14220,0	0622	04	06	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14221,0	0650	13	06	F1B	RUS	UiPTR	81	500	unid printer
DARC	14235,0	0654	11	06	J7D	BLR	UiMUX			MPSK-12, AT-3004-D, location Belarus
DARC	14235,0	0629	11	06	J7D	BLR	UiMUX			MPSK-12, AT-3004-D, location Belarus
DARC	14250,0	0616	06	06	A3E	ROU	R. Romania Intl.			Ge px, S8, 2f
DARC	14250,0	0626	07	06	A3E		UiBC			jingle, s/off at 0626, is 2f
DARC	14283,0	0733	25	06	F1B	RUS	UiPTR	81	250	unid printer
DARC	14285,0	vt	vd	06	A3E		UiBC			IM, heard 17 23 24 at 1955, 2023, 1910
DARC	14310,0	vt	10	06	A3E	CHN / ALB	R.China Intl.			heard 10 13 20 (daily) 1605 - 1747, S9-signal, 2f
DARC	14346,7	1220	25	06	F1B	EGY	MFA Cairo	100	170	SITOR-A, daily at various times – ATU80-alphabet
DARC	14350,0	1715	03	06	A3E	IRN	IRIB Tehran			harmonic from 7175, daly 1700 - 1800 UTC
DARC	14350,0	1726	10	06	A3E	IRN	IRIB Tehran			S9+10dB-signal, 2f de 7175
DARC	14350,0	1630	13	06	A3E	IRN	IRIB Tehran			S-9-signal, - 2f
DARC	14350,0	0754	15	06	G7B		UiMUX			frequency hopper
DARC	14350,0	1949	22	06	P0N	IRN	OTH-Radar System			OTH Radar System 12,5 pps, 5 kHz wide, location North Iran
DARC	14350,0	vt	vd	06	P0N	G / CYP	British OH-Radar			OTH Radar Cyprus, heard 25 26 at 1300, 1648 - 50 pps (= 50 Hz-system)
DARC	14350,0	1702	vt	06	A3E	IRN	IRIB Tehran			harmonic from 7175, heard 11 - 20 (daily)
DARC	18070,0	0849	06	06	P0N	G / CYP	British OH-Radar			is active, 25-Hz-system
DARC	18155,0	1059	10	06	JAM	CHN	Firedrake Jammer			is active, report DJ9EV
DARC	21000,0	0623	04	06	P0N	CYP	British OH-Radar			is active, 25 Hz system, location Aktrotiri, Cyprus
DARC	21000,0	1905	22	06	G7B		UiMUX			frequency hopper
DARC	21010,0	1730	16	06	P0N	G / CYP	British OH-Radar			is active, 25-Hz-system
DARC	21135,2	0757	03	06	FSK8	IRQ	UiMUX			ALE, selcall 1441- is Iraqi MIL Mossul
DARC	21340,0	0848	07	06	P0N	G / CYP	British OH-Radar			is active, 50-Hz-system
DARC	21390,0	1442	08	06	P0N	G / CYP	British OH-Radar			is active, 50-Hz-system
DARC	24950,0	vt	vd	06	P0N	I	Codar HF Radar 2 pps			Codar HF Ocean Wave Radar, 7 reports 01 04 16 18 19 20 21, location Naples, Italy, - very harmful as covering whole 24 MHz-Ham Band
DARC	28000,0	vt	05	06	P0N	G / CYP	British OH-Radar			is active, 0656 - 0726
DARC	28000,0	0848	22	06	G7B		UiMUX			frequency hopper
DARC	28010,5	vt	vd	06	A1A	Med. Sea	Fishnet Buoys 2-Letter-Calls			101 Buoys between 28010,5 and 28456,2 - all supposed to be in Med. Sea - see reports of DJ7KG on Homepage of DARC-MS!
DARC	28025,0	1925	06	06	G7B		UiMUX			frequency hopper
DARC	29685,0	vt	vd	06	VFT	I	Italian MIL			Italian MIL, VFT,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Brescia			location Brescia - permanent (heard 05 08 at 0819 - 1141)
DARC	29699,5	vt	vd	06	VFT	I	Italian MIL Brescia			Italian MIL, VFT, location Brescia - permanent (heard 05 08 at 0819 - 1141)

IRTS – Ireland – EI4GXB (Ger)

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7000,0	0-24	ALL	06	FSK8	I	ALE	125	1750	ITALIAN CARABINIERI 2512, 2211, 2215, 2216. MODERATE ACTIVITY.
MRASZ	7000,0	0-24	ALL	06	FSK8	ALG	ALE	125	1750	ALGERIAN FORCES: POW, ASD, EKK, A04.
MRASZ	7005,0	0-24	ALL	06	FSK8	USA	ALE	125	1750	123456, 123483 123467 SOUNDED
MRASZ	7014,0	0-24	ALL	06	FSK8	NIG	ALE	125	1750	411411 -- 411413 "411" net NIGERIAN POLICE
MRASZ	7026,0	0-24	ALL	06	FSK8	UNID	ALE	125	1750	NEW INTRUDER. OUTLAWTOC CALLED SPARE001
MRASZ	7070,0	0-24	ALL	06	FSK8	CHN	ALE	125	1750	Chn army 288 net. BIG ACTIVITY
MRASZ	7080,0	1626	ALL	06	FSK8	CHN	ALE	125	1750	5810 SOUNDED
MRASZ	7092,0	0-24	ALL	06	FSK8	TUR	ALE	125	1750	TURKISH RED CRESCENT 2010, 2013, 2014, 2015, 2017, 3012, 4013, 4015, 4016, 4017, 5019, 1020 STATIONS WORKED.
MRASZ	7100,0	0-24	ALL	06	FSK8	ALG	ALE	125	1750	ALGERIAN MILITARY ASD, EKK, POW

GOOD NEWS IN JUN:

- RS-CS NET IS NOT WORKING IN 7010, 7020 kHz;
- USAF MOVED FROM KOSOVO? 7003 kHz IS FREE OF THEIR TRAFFIC;
- GEORGIAN MILITARY IS NOT USED ITS FAVORITE FREQUENCY: 7045 kHz;
- 7100 kHz IS FREE FROM US MILITARY COROPS-MEDOPS NET.

OEVSV – Austria – OE3DMA (Alex)

RSGB - Great Britain – G4BOH (Chris)

SRAL – Finland – OH2BLU (Pekka)

Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7008,0	1710	15	6		UiPTR	F1B		250	
SRAL	7010,0	0430-1700	*	6		UiMUX	F7			Days 6, 25 & 28
SRAL	7014,0	1615	14	6		UiPTR	F1B		245	
SRAL	7016,0	1710	15	6		UiPTR	F1B			
SRAL	7020,0	0500-0700	24, 25	6		UiPTR	F1B		250	Spurious from 7054 kHz
SRAL	7020,0	1700-1900	24, 25	6		UiPTR	F1B		250	Spurious from 7054 kHz
SRAL	7034,0	0900-1830	*	6		UiPTR	F1B			Days 1, 6, 26 & 27
SRAL	7038,8	0630-1230	26-30	6	RUS	P	A1A			Kaliningrad
SRAL	7038,9	h24	dly	6	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	6	RUS	C	A1A			Moscow
SRAL	7040,0	1110	26	6		UiPTR	F1B			
SRAL	7054,0	0500-0700	*	6	RUS	UiPTR	F1B		200/250	25 Hz dotter. Days 1 – 7 & 24 – 30
SRAL	7054,0	1700-1900	*	6	RUS	UiPTR	F1B		200/250	25 Hz dotter. Days 1 – 7 & 24 – 30
SRAL	7076,0	0500-2030	*	6		UiPTR	F1B		250	Days 17, 28 & 29
SRAL	7077,0	1250	3	6		UiMUX	F7			
SRAL	7077,8	0630-1500	26-28	6		UiPTR	F1B		800	
SRAL	7084,0	1115	26	6		UiMUX	F7			
SRAL	7088,0	0500-0700	24-26	6		UiPTR	F1B		250	Spurious from 7054 kHz
SRAL	7088,0	1700-1900	24-26	6		UiPTR	F1B		250	Spurious from 7054 kHz
SRAL	7091,5	0745-1130	1, 26	6		UiPTR	F1B			
SRAL	7100,0	1755-2100	dly	6	KRE	Voice of Korea	A3E			
SRAL	7100,0	1545-1745	24	6		UiBC	A3E			
SRAL	7105,0	1400-1530	dly	6	CHN	JAM	A3E			“Firedrake”
SRAL	7124,0	1240	23	6		UiMUX	F7			
SRAL	7113,0	1345-1400	16	6		UiCW	A1A			MR 5BL
SRAL	7122,0	0400-1930	dly	6	RUS	RDL	F1B/A		200	25 Hz dotter, MR 5F
SRAL	7159,0	0720	26	6		UiCW	A1A			MR 5F groups twice
SRAL	7162,0	0800-1000	27	6		UiPTR	F1B		250	
SRAL	7176,0	0820-1230	9, 29	6		UiPTR	F1B		250	
SRAL	7189,0	1420	13	6		UiMUX	F7			
SRAL	14000,0	1230	26	6		UiCarr	N0N			
SRAL	14008,0	0825-0910	1	6	RUS	UiPTR	F1B	50	250	Velikie Luki
SRAL	14010,0	1340	5	6	CHN	JAM	A3E			“Firedrake”
SRAL	14026,0	0915	30	6		UiMUX	F7			
SRAL	14028,0	0725	26	6		UiPTR	F1B			
SRAL	14050,0	1535	8	6	CHN	JAM	A3E			“Firedrake”
SRAL	14070,0	1455-1755	6	6	CHN	JAM	A3E			“Firedrake”
SRAL	14075,0	0840	26	6		UiPTR	F1B			
SRAL	14077,0	0725	26	6		UiMUX	F7			
SRAL	14090,0	1630-	8	6	CHN	JAM	A3E			“Firedrake”

Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
		1655								
SRAL	14104,0	0725-0955	25-30	6		UiPTR	F1B			
SRAL	14122,0	0725-1010	27,30	6		UiMUX	F7			
SRAL	14192,0	0640-1710	25	6		UiPTR	F1B		175	25Hz dotter
SRAL	14206,0	0725-0830	24,27	6		UiMUX	F7			
SRAL	14238,0	0915	13	6		UiMUX	F7			
SRAL	14332,0	0725-1010	*	6		UiPTR	F1B		250	Days 13, 14,24 & 25
SRAL	21000,0	1645	6	6	CYP/G	OTHR	P0N			
SRAL	21150,0	1025	25	6	CYP/G	OTHR	P0N			
SRAL	28005-28305	0810-0910	25	6		UiFM	F3E			9 reports
SRAL	28055-29355	0645-0945	27	6		UiFM	F3E			41 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	3667.0	0754	02	06			J3E			Jammer; systematic heavy interfering swiss Ham's almost daily
USKA	7000.0	1852	04	06	I		J7D	125	1750	ALE MIL188-141A daily this was 221
USKA	7010.0	0755	06	06			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	7038.8	1527			RUS	P	A1A			Beacon P Kaliningrad daily
USKA	7038.9	1525			RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	1529			RUS	C	A1A			Beacon C Moscow daily
USKA	14008.0	0826	06	06			F1B	250	50	unidnt printer
USKA	14119.0	1115	20	06						Unident Noise Signal,abt 3khz wide, slowly drifting (few days)
USKA	14120.0	0930	05	06			F1B	250	81	CIS-81 (0958 QRT)
USKA	14122.0	0739	26	06			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14186.0	0936	20	06			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14192.0	1124	25	06			F1B	50	200	unidnt printer
USKA	14220.0	0741	26	06			F1B	81	500	unidnt printer
USKA	14248.5	1126	20	06			F1B	600	600	unidnt Burst FSK daily
USKA	14310.0	0857	06	06			A1A			groups of letters and figures
USKA	28085.0	1006	07	06			A3E			unidnt language, roger pieps
USKA	28100.0	1615	18	06		D	A1A			Driftnetbuoy
USKA	28130.0	1616	18	06		DO	A1A			Driftnetbuoy
USKA	28135.0	1311	02	06			A3E			spanish roger pieps
USKA	28145.0	0736	26	06			A3E			spanish
USKA	28175.0	1315	02	06			A3E			spanish, roger pieps
USKA	28245.0	0733	26	06			A3E			spanish
USKA	28255.0	1614	18	06		DU	A1A			Driftnetbuoy
USKA	28260.0	1615	18	06		DF	A1A			Driftnetbuoy
USKA	28280.0	1610	18	06		LB	A1A			Driftnetbuoy
USKA	28305.0	1559	18	06		DT	A1A			Driftnetbuoy
USKA	28305.0	0729	26	06			A3E			spanish language
USKA	28320.0	1604	18	06		DF	A1A			Driftnetbuoy
USKA	28350.0	1557	18	06		DL	A1A			Driftnetbuoy
USKA	28376.0	1554	18	06		LB	A1A			Driftnetbuoy
USKA	28376.0	1555	18	06		AW	A1A			Driftnetbuoy
USKA	28650.0	1305	02	06			A3E			spanish, family conversation
USKA	29560.0	1100	06	06	BLR		A3E			Spurious of Radio Belarus (4th harmonic of 7390 kHz) often

Veron – Netherlands – PA0GRU (Dick) – part 1

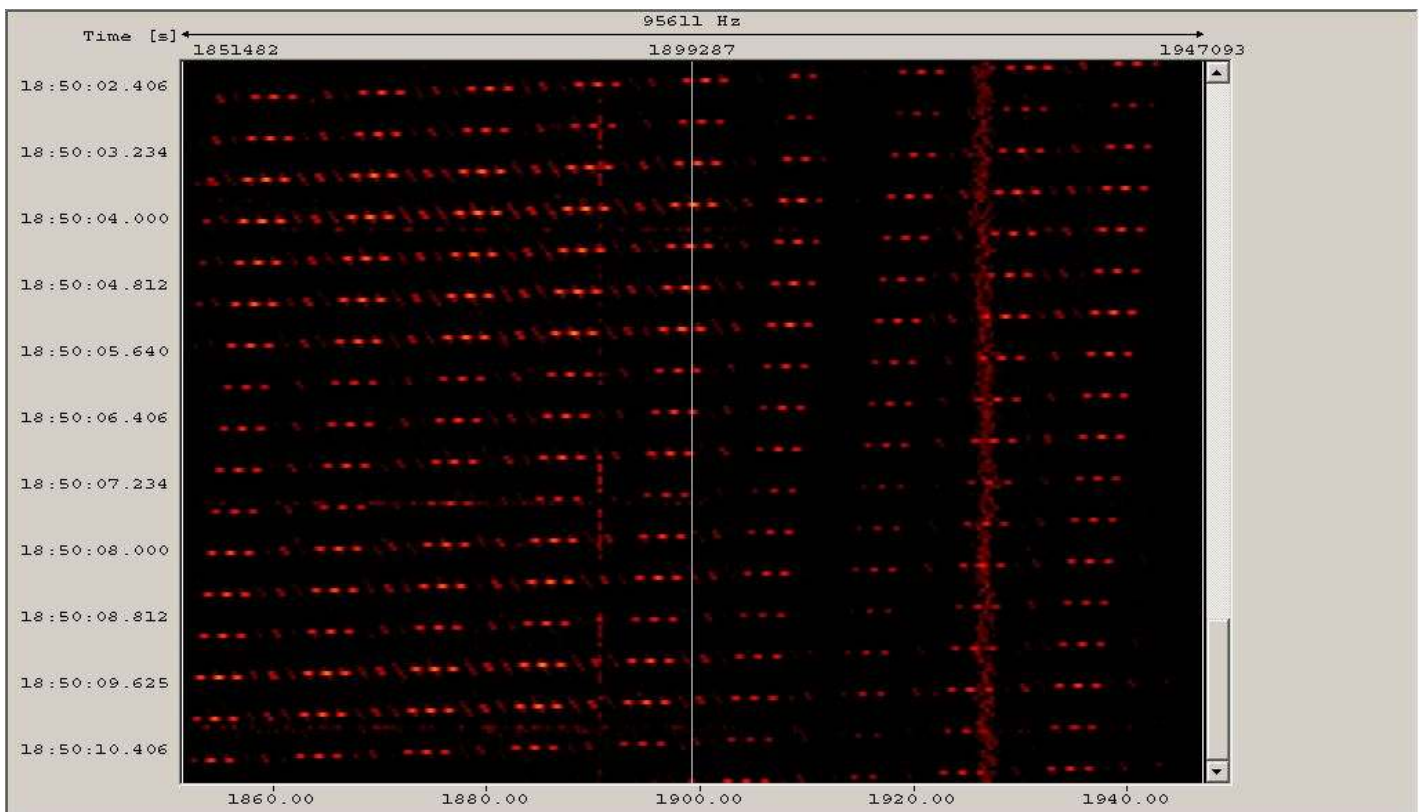
SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	7000,0	21.03	5	6	Irish	UiLL	J3E-u		Irish language, fishery
VERON	7019,5	05.29	26	6	CIS	UiPtr	F1B	250	Revs
VERON	7025,0	04.08	11	6	?	UiCW	F1A	250	5F ends with K
VERON	7025,0	04.52	11	6	?	UiPtr	F1B	250	Ptr
VERON	7028,0	06.09	19	6	RUS	LCY9	A1A		XXX LCY9 15795 BASKONKA 2164q287 k
VERON	7028,0	06.12	19	6	RUS	LCY9	A1A		XXX LCY9 79829 BOBKOWYJ 1900 1785
VERON	7028,0	06.15	19	6	RUS	LCY9	A1A		XXX LCY9 27539 LORRET 1518 0651
VERON	7028,0	07.24	19	6	RUS	LCY9	A1A		XXX LCY9 30268 BUDYLKA 9152 5160
VERON	7038,8	05.56	**	6	RUS	P	A1A		18.00 utc, beacon P, 3 days
VERON	7038,9	04.58	**	6	RUS	C	A1A		21.58 utc, 19 days, beacon Moscow
VERON	7038,9	05.00	**	6	RUS	S	A1A		20.58 utc, 13 days, beacon Murmansk
VERON	7054,0	18.45	4	6	RUS	UiPtr	F1B	250	Revs
VERON	7054,0	05.54	**	6	RUS	UiPtr	F1B	250	Ptr, 7 days, 17.00 utc
VERON	10104,0	08.11	2	6	CIS	UiPtr	F1B	250	Ptr
VERON	10104,0	09.32	13	6	CIS	UiPtr	F1B	250	Ptr
VERON	10108,0	06.30	10	6	CIS	UiPtr	F1B		Ptr, also on 10114 KHz
VERON	10108,0	06.02	11	6	CIS	UiCAR	NON		carrier
VERON	10108,0	06.07	12	6	CIS	UiCAR	NON		carrier
VERON	10110,0	18.37	5	6		OHTR	PON		radar, wide till 10130 KHz, harmful
VERON	10115,0	06.03	11	6	CIS	UiPtr	F1B		Ptr
VERON	14005,0	VT	9	6	CHN	Fire Drake	A3E		BC jammer from Peking ITU member
VERON	14005,0	VT	10	6	CHN	Fire Drake	A3E		BC jammer from Peking ITU member
VERON	14008,0	04.54	**	6	CIS	UiPtr	F1B	250	04.54 utc, 4 days, Ptr
VERON	14010,0	09.31	6	6	CHN	Fire Drake	A3E		BC jammer from Peking ITU member
VERON	14030,0	17.02	30	6		UiBC	A3E		Arabic language
VERON	14050,0	08.51	6	6	CHN	Fire Drake	A3E		BC jammer from Peking ITU member
VERON	14055,0	17.00	30	6	UK	UiBC	A3E		BBC World Service info PA1SGJ
VERON	14104,0	06.57	30	6	CIS	UiPtr	F1B	250	Revs
VERON	14108,0	07.11	2	6	CIS	WKVM	A1A		to VN2Z: 5BL
VERON	14108,0	07.06	6	6	CIS	WKVM	A1A		to PHQV: 5BL
VERON	14108,0	07.26	7	6	CIS	WKVM	A1A		to ANGX: 5BL
VERON	14108,0	07.06	14	6	CIS	WKVM	A1A		to MDMP: 5BL rpt all QLN K
VERON	14108,0	05.49	16	6	CIS	7OYS	A1A		to PPAL:ZUJ ZUW ZMX QYT6 K
VERON	14108,0	07.11	16	6	CIS	7OYS	A1A		to PPAL QBE QYT6 QYT19 K
VERON	14108,0	07.04	18	6	CIS	MWE4	A1A		to VQSZ: 5BL
VERON	14108,0	06.21	19	6	CIS	7OYS	A1A		to MDMP:ZBN ZBS ZSB QYT6 K
VERON	14108,0	06.24	19	6	CIS	7OYS	A1A		to MDMP:ZUK ZUU ZQS QYT6 K
VERON	14108,0	06.36	19	6	CIS	7OYS	A1A		to MDMP:QBE QYT6 K
VERON	14108,0	06.44	19	6	CIS	MWE4	A1A		to 9VIK: calls
VERON	14108,0	06.51	19	6	CIS	MWE4	A1A		to PPAL, 7OB7,DW7J, proc
VERON	14108,0	06.48	20	6	CIS	7OYS	A1A		to MDMP: QBE QYT6 K
VERON	14108,0	07.26	21	6	CIS	EAMN	A1A		to VH7U: 5BL
VERON	14108,0	07.36	21	6	CIS	EAMN	A1A		to Q76J: 5BL
VERON	14108,0	05.23	25	6	CIS	EAMN	A1A		to K1NE: 5BL
VERON	14108,0	06.50	26	6	CIS	EAMN	A1A		to K1NE:ZWH ZHA ZBZ QYT9 K proc

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	14108,0	06.43	30	6	CIS	EAMN	A1A		to K1NE, PE6S, SRGT, Q512, VH7U proc
VERON	14108,0	09.10	30	6	RUS	EAMN	A1A		5BL proc
VERON	14116,0	06.05	12	6	CIS	UiPtr	F1B	250	Ptr
VERON	14116,0	09.53	19	6	CIS	UiPtr	F1A		jg k rpt all qjb 4 k r k qrj? K SK 09.57 end
VERON	14116,0	09.53	19	6	CIS	UiPtr	F1B	250	Ptr
VERON	14120,0	07.53	10	6	CIS	UiPtr	F1B	250	Ptr
VERON	14122,0	07.28	17	6	RUS	UiMUX	J7D		12 tone system
VERON	14148,0	07.21	18	6	CIS	UiCW	A1A		5F cyrillic
VERON	14148,0	07.19	18	6	RUS	UiCW	A1A		5BL
VERON	14148,0	06.30	21	6	RUS	RGT77	A1A		RGT77 468= 5BL
VERON	14148,0	07.34	30	6	RUS	RGT77	A1A		RGT77 242= 5BL
VERON	14160,0	06.06	12	6	CIS	UiPtr	F1B	250	Ptr
VERON	14205,0	07.55	10	6	RUS	UiMUX	J7D		12 tone system
VERON	14233,0	08.12	2	6	CIS	UiPtr	F1B	250	Ptr
VERON	14233,0	06.20	11	6	CIS	UiMUX	J7D		12 tone system

Veron – Netherlands – PA0GRU (Dick) – part 2

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	3500,0	19.12	14	6	E	UiILL	j3e-u		Spanish, male voices, fishery
VERON	3665,0	10.02	23	6	Dutch	UiILL	j3e-u		Dutch, fishery, qsy 3885 after request
VERON	7005,0	18.46	11	6	CIS	UiCW	A1A		5BL
VERON	7034,0	18.58	27	6		UiPTR	F1B		Ptr
VERON	7038,8	18.18	28	6	RUS	F	A1A		F-beacon
VERON	7038,8	10.30	**	6	RUS	P	A1A		19.00 P-beacon, 2 days
VERON	7038,9	20.14	**	6	RUS	C	A1A		C-beacon; 4 days
VERON	7038,9	12.25	**	6	RUS	S	A1A		19.00 S-beacon, 5 days
VERON	7039,0	21.38	**	6	RUS	S	A1A		S-beacon; 2 days
VERON	7039,0	12.25	**	6	RUS	C	A1A		19.00 C-beacon, 6 days
VERON	7054,0	18.10	28	6		UiPtr	F1B	250	Ptr
VERON	7054,0	17.30	**	6	CIS	UiPTR	F1B		18.30 Revs, 3 days
VERON	7062,0	12.54	6	6		UiPTR	F1B		Ptr
VERON	7076,0	13.14	28	6		UiPTR	F1B		Ptr
VERON	7078,0	13.15	28	6		UiPTR	F1B		Ptr
VERON	7091,0	20.07	**	6	RUS	VOR	A3E		Splatter Voice of Russia 7105 kHz; daily
VERON	10110,0	17.55	**	6		UiMUX	J7D		8 channel MPSK; 2 days
VERON	10112,0	13.55	**	6		UiMUX	J7D		8 channel MPSK; 2 days
VERON	14008,0	08.30	**	6	CIS	UiPTR	F1B		15.14 Carrier/Revs/Ptr, 6 days
VERON	14010,0	10.15	9	6		UiBC	A3E		Asiatic Music
VERON	14050,0	14.55	5	6		UiBC	A3E		Asiatic Music
VERON	14075,0	08.13	11	6		UiPTR	F1B		Ptr
VERON	14084,0	08.07	9	6		UiPTR	F1B		Ptr
VERON	14090,0	16.55	8	6		UiBC	A3E		Asiatic Music
VERON	14100,0	19.03	23	6	E	UiILL	j3e-u		Spanish, male voices, fishery
VERON	14104,0	08.05	**	6		UiPTR	F1B		08.08 Ptr, 2 days
VERON	14108,0	08.09	11	6	CIS	LUSZ	A1A		Calls/Q+Z-codes (to: 70B7)
VERON	14108,0	11.10	19	6	CIS	UiCW	A1A		5BL (ending 017 k)
VERON	14120,0	08.10	**	6		UiPTR	F1B		09.50 Revs/Ptr, 3 days
VERON	14131,0	06.57	7	6	E	UiILL	j3e-u		Spanish, male voices, fishery
VERON	14148,0	13.00	12	6	CIS	UiCW	A1A		4F
VERON	14151,0	19.19	10	6	E	UiILL	j3e-u		Unknown language, male voices
VERON	14192,0	18.55	27	6		UiPTR	F1B		Revs
VERON	14232,0	12.05	27	6		UiPTR	F1B		Ptr
VERON	18121,9	18.34	8	6		UiPtr	F1B		Idling
VERON	18153,8	14.35	22	6		OTHR	PON		radar, grid 50Hz
VERON	21449,0	10.53	24	6		OTHR	PON		radar, grid 50Hz

**Codar HF Ocean Wave Radar (24890 – 25890 kHz) in June 2008 - location: Naples, Italy
- screenshot: DK2OM with Wavecom W61 decoder – sonagram-bandwidth = 96 kHz –
- 2 sweeps/second over 100 kHz–**



IARUMS Region 1

Manual2006, Monitoring Template, WAV-files, Fishery Buoys on 10m, Latest Intruder News, Co-ordinator's Corner, Monthly Overview, 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 and Soundfiles are available on: <http://www.iarums-r1.org>

Many thanks for your interest!

The monitoring team of IARU Region 1

compiled and published by DK2OM

credits: <http://www.wavecom.ch>