



International Amateur Radio Union



Region 1

Monitoring System

- IARUMS Region 1 -

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Editor of the Newsletter

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The monthly newsletter for Region 1

May 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](#)

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Part 1: News and Infos

1. Irish Intruderwatch

EI4GXB, Ger McNamara, is now the Co-ordinator of the Irish Intruder Watch. Welcome to our great family, dear Ger! Observe the picture below!

2. 28000 – 29700 kHz many CIS taxi cabs

Due to excellent Sporadic-E conditions we could hear again many CIS taxi cabs. Always the same procedure: You can hear a woman's voice and telephone noises in the background. Sometimes you can hear the driving husband, too. Talking to them is wasted time, because they are reacting bold and obscene.

3. The enemy brothers again on 14 MHz

Sound of Hope (a BC station from Taiwan) and the Hainan jammer (Firedragon) appeared on 14005 kHz daily at 1500 utc.

4. Harmonic from Radio Tehran

We observed a harmonic from 7175 kHz on 14350 kHz, coming from Radio Tehran daily at 1700 utc. The German PTT (BNetzA) was informed.

5. Fishery from Sri Lanka

Fishermen from Sri Lanka were daily active on 14000 and 14001.5 kHz in USB. Complaints are senseless. Amateurs should use these QRGs as often as possible.

6. Fishery buoys on 28000 kHz

We found many illegal fishery buoys between 28000 and 28500 kHz, transmitting in CW. You can hear a rising tone followed by a CW ident consisting of 1 or 2 letters. Most of them came from the Adriatic area.

7. DPRK FSK600 still active

DPRK FSK600 is a F1B burst system, working with 600 Bd and 600 Hz shift. It was daily active on 14038.440 kHz at 1700 utc and sometimes on 14118.440 kHz. The intruder was transmitting from Tripolis, Libya. Earlier complaints of the German PTT were not regarded.

8. Codar HF Radar on 24 MHz

During the last days of May I found a Codar HF Ocean Wave Radar covering the whole 24 MHz-band! It was transmitting from the Adriatic area all day. **Screenshot below!**

9. 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>

**EI4GXB – Ger McNamara in front of his RIG. Ger is now the Co-ordinator of IRTS (Ireland).
Welcome to our monitoring team of IARUMS Region 1!**



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 *** UiLL = unidentified illegal *** BC = broadcast *** MIL = military *** PTR = printer *** NGO = non governmental organization *** ITU = ITU country abbreviation *** PRC = People's Republic of China *** PLA = People's Liberation Army *** MFA = Ministry of Foreign Affairs *** MOPO = Ministry of Public Order

ARSK MONITORING REPORT FOR MAY, 2008

Again due to frequent unexpected power cuts monitoring was interrupted too much for consistent results. Propagation was generally poor, long skip (over 200 kms) often being experienced on 40 meters while close stations were not heard.

No abnormal stations were evident, Somalis as usual being the principal intruders. The southern Sudanese nets were also prominent.

My thanks to all contributors to this report.

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	5	ETH?	UiPHONE	J3E	Amharic. Spreads into 40 m. band.
ARSK	6999.0	vt	dly	5	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.
ARSK	7000.0	vt	dly	5	SOM DJI	Bossasso, Djibouti, Afmadu	J3Eu	Somalis. Phone patching.
ARSK	7005.0				SOM	UiPHONE	J3Eu	Somalis.
ARSK	7006.0	0527	2	5	SDN?	UiPHONE	J3E	Vernacular.
ARSK	7008.0	vt	dly	5	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	1305	21	5	SOM	Baidoa	J3Eu	Somalis.
ARSK	7012.0	vt	dly	5	SOM	Kismayu, Afmadu, Dobleh, Baidoa?	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni.
ARSK	7013.0	0840	17	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7015.0				TZA?	UiPHONE	J3E	KiSwahili. Probably Tanzania.
ARSK	7017.0	0556	20	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7018.0	1307	21	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7022.0	0533	9	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7026.0	vt	dly	5	SDN?	WY, AS, AK, Tembo, Twiga, K1, K2, JO, T2, JP, TA, I1, FA, QZ,	J3Eu	English. NGO.
ARSK	7027.0	vt	dly4		ZAI	UiPHONE	J3Eu	French, vernacular. NGO?
ARSK	7028.0	0538	20	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7030.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*9
ARSK	7031.0	vt	*		SOM KEN	Garissa, Boccoaro	J3Eu	Somalis.*
ARSK	7033.0				SDN	UiPHONE	J3E	Nilotic language.
ARSK	7035.0	vt	dly	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7036.0	0557	17	5	SOM	UiPHONE	J3Eu	Somalis.

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
ARSK	7040.0				SOM	UiPHONE	J3Eu	Somalis.
ARSK	7040.0	vt	*	5	ETH	UiPHONE	J3Eu	Amharic.*1,19,
ARSK	7045.0	vt	dly	5	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.
ARSK	7046.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*1,17,
ARSK	7048.0	vt	dly	5	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?
ARSK	7050.0	0531	9	5	ETH	UiPHONE	J3E	Amharic.
ARSK	7055.0	vt	*	5	ZAI	UiPHONE	J3Eu	French, vernacular. NGO? *22,28,
ARSK	7057.0	vt	dly	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7061.0	vt	dly	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7062.0	0525	2	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	0555	17	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	5	SDN	B1, B2, AT,K1, KT, CT, TI, BT, B2, KR, JT, P1, LL, LA, A25, BJ, RK1, RK2, KA	J3E	S. Sudan. English, & Nilotic language. NGO? Also uses 5712 KHz.
ARSK	7070.0				ZAI?	UiPHONE	J3E	Vernacular.
ARSK	7070.0	vt	dly	5	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein	J3Eu	Somalis. SelCal. Often late at night.
ARSK	7072.0	0540	22	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7075.0	vt	dly		SOM	Galkayu, Kismayu, Baidoa	J3E J3Eu	Somalis. SelCal, phonepatching.
ARSK	7080.0	vt	*		ZAI	UiPHONE	J3Eu	KiSwahiki and vernacular. *26,30.
ARSK	7081.0	0855	21	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7089.0	vt	*	5	SOM	Boccaro.	J3Eu	Somalis.*17,
ARSK	7090.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*19,28,
ARSK	7092.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*2,17,27,
ARSK	7100.0	vt	dly		ERI	VOBM	A3E	Voice of the Broad Masses, Eritrea, broadcast.
ARSK	14062.0				?	UiPHONE	J3Eu	Possibly Urdu.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3500,0	2056	13	05	J3E-U	E	UiILL	Spanish fishery, one OP is "Pepe"
DARC	3500,0	1532	20	05	J3E-U	HOL	UiILL	Dutch fishery
DARC	3500,0	vt	vd	05	J3E-U	E	UiILL	Spanish fishery heard 06 19 at 2000, 1946
DARC	3510,0	2000	23	05	J3E-U	N.Eu	UiILL	Scandinavian fishery
DARC	3515,0	2156	19	05	J3E-U	E	UiILL	Galician fishery
DARC	3520,0	1849	07	05	J3E-U	G	UiILL	Welsh fishery
DARC	3526,0	0903	10	05	J3E-U	E	UiILL	Spanish fishery
DARC	3530,0	1951	03	05	J3E-U	MRC	UiILL	Moroccan fishery
DARC	3535,0	0727	05	05	J3E-U	D	UiILL	Spanish fishery
DARC	3535,0	1936	09	05	J3E-U	G	UiILL	UK fishery
DARC	3539,0	2007	11	05	J3E-U	F	UiILL	French fishery, engine noise audible
DARC	3540,0	2105	14	05	J3E-U	RUS	UiILL	net in Russian voice
DARC	3540,0	1830	21	05	J3E-U	HOL	UiILL	Dutch fishery
DARC	3550,0	0702	06	05	A3E	F	French Lis	AM in CW section: No respect of IARU

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
							Amateurs	Bandplan!
DARC	3550,0	0742	23	05	A3E	F	French Lis Amateurs	male persons
DARC	3550,0	vt	vd	05	A3E	F	French Lis Amateurs	daily heard 0600 - 0730 - is in contradiction to IARU BANDPLAN - only CW in this range
DARC	3550,0	vt	vd	05	A3E	F	French Lis Amateurs	heard 03 24 at 0757, 0627
DARC	3555,0	2024	05	05	J3E-U	G	UiILL	English fishery, talking about ships
DARC	3555,0	1910	12	05	J3E-U	I	UiILL	Italian fishery
DARC	3555,0	2020	29	05	J3E-U	I	UiILL	Italian pirates
DARC	3560,0	1946	25	05	J3E-U	N.Eu	UiILL	Scandinavian fishery
DARC	3566,0	2027	03	05	J3E-L	CIS / RUS	UiILL	announcements in Russian voice
DARC	3588,0	1705	18	05	J3E-L	F	UiILL	French male traffic, amateurs?
DARC	3590,0	vt	18	05	A3E	F	F6FXX	OP Michel - heard 0500 - 0538
DARC	3590,0	vt	18	05	A3E	F	F6DVD	OP Marcel, Alsace - heard 0500 - 0538
DARC	3590,0	vt	18	05	A3E	F	F5SUA	OP Daniel, heard 0500 - 0538
DARC	3590,0	vt	18	05	A3E	F	F5DQH	OP Michel, heard 0500 - 0538
DARC	3590,0	vt	vd	04	A3E	F	French Lis Amateurs	daily heard 0500 - 0730 - is in contradiction to IARU BANDPLAN - only CW in this range
DARC	3595,0	2003	13	05	J3E-U	RUS / CIS	UiILL	net in Russian voice, only female persons
DARC	3600,0	0832	03	05	J3E-U	HOL	UiILL	pirates in Dutch voice
DARC	3600,0	2105	15	05	J3E-U	G	UiILL	UK fishery
DARC	3600,0	vt	21	05	J3E-L	D	UiILL	male person, with DB8RE, OP Rolf, Bad Kreuznach - is same person as on 3593 - heard 1902 - 1918
DARC	3669,0	0800	vd	05	J3E-L	D	UiILL	intensional jamming, offender's location Frankfurt Area - 50 4 ' 29 " N / 8 17 ' 4 " E - REF C271/00942/08
DARC	3680,0	vt	31	05	J3E-U		UiILL	retransmission of Divine Service, organ music, people singing, voice of priest - heard 0530 - 0605
DARC	10121,2	1738	02	05	J3E-U		UiILL	unid pirate net
DARC	10125,0	0844	10	05	J3E-U	F	French Lis Amateurs	by IARU Bandplan: SSB not allowed on band 10
DARC	10127,5	0521	23	05	J3E-U		UiILL	unid fishery, motor noise
DARC	10127,5	vt	vd	05	J3E-U	E	UiILL	Spanish pirates heard 05 08 12 at 1011, 0756, 0950
DARC	10127,6	0707	05	05	J3E-U		UiILL	unid pirates
DARC	10131,5	1943	25	05	J3E-U		UiILL	unid pirate net
DARC	10132,0	0859	26	05	J3E-U	F	French Lis Amateurs	by IARU Bandplan: SSB not allowed on band 10
DARC	10136,0	0950	12	05	J3E-U	F	French Lis Amateurs	by IARU Bandplan: SSB not allowed on band 10
DARC	10136,0	1928	29	05	J3E-U	E	UiILL	Spanish pirate net, male to female, family traffic
DARC	10143,0	0532	30	05	J3E-U	RUS	KU5, WP7	KU5 with WP7, Russian voice, several calls
DARC	14000,0	1310	21	05	J3E-U		UiILL	unid pirates, English voice with "Radio Check"
DARC	14000,0	vt	vd	05	J3E-U	CLN	UiILL	Sri Lankan fishery, heard 03 - 12 at 0948, 1350, 1514, 1608
DARC	14000,3	0600	10	05	J3E-U		UiILL	child talking
DARC	14001,5	1027	09	05	J3E-/ J3E-L	CLN	UiILL	Sri Lankan fishery, sometimes changing sideband
DARC	14014,0	1856	12	05	J3E-U	E	UiILL	Spanish fishery
DARC	14055,0	1713	09	05	J3E-U		UiILL	unid pirates, QTE 135 degs, daily
DARC	14275,0	0628	27	05	J3E-U	I / Af	UiILL	nuns in Italian language, no amateur calls available, "passo" when mike change, one Opess is "Sor Daniela"
DARC	14280,0	0630	27	05	J3E-U	I / Af	UiILL	nuns in Italian language, no amateur calls available, "passo" when mike change, one Opess is "Sor Daniela"

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	14330,0	vt	01	05	J3E-U	UKR	UiILL	phone talk, only female audible, family traffic, heard 1200 - 1227
DARC	21021,3	vt	27	05	J3E-U	I	UiILL	traffic in Italian voice, heard 1618 - 1627
DARC	21025,0	1234	14	05	A3E	TUR	UiILL	traffic in Turkish voice, heard 1618 - 1627
DARC	28005,0	1113	17	05	F3E	RUS	UiILL	Russian taxi business
DARC	28005,0	0928	22	05	F3E	RUS	UiILL	Russian taxi business
DARC	28015,0	1022	27		F3E	G	UiILL	male person in English voice
DARC	28035,0	0928	22	05	F3E	RUS	UiILL	Russian taxi business
DARC	28055,0	1925	27	05	A3E	I	UiILL	Italian CB-ers from Napoli (Naples)
DARC	28065,0	0815	13	05	F3E	CIS	UiILL	female in Russian voice
DARC	28065,0	0809	21	05	F3E	CISF	UiILL	male to female in French voice
DARC	28065,0	0807	23	05	A3E	GRC	UiILL	2 Greek male persons
DARC	28115,0	0816	13	05	F3E	RUS	UiILL	Russian taxi business
DARC	28115,0	0928	22	05	F3E	RUS	UiILL	Russian taxi business
DARC	28165,0	1836	24	05	J3E-U	RUS	UiILL	Russian pirate net, no amateur calls, roger beep
DARC	28205,0	0928	22	05	F3E	RUS	UiILL	Russian taxi business
DARC	28215,0	2109	27	05	A3E	I	UiILL	Italian CB-ers
DARC	28275,0	1906	27	05	A3E	F	UiILL	French CB-ers, roger beep
DARC	29200,0	vt	vd	05	F3E	D	UiILL	traffic in German language, no amateurs - reported to BNetZA

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3500,0	1919	29	05	G7B		UiMUX			frequency hopper
DARC	3500,0	2023	20	05	G7B		UiMUX			frequency hopper
DARC	3501,8	0712	06	05	J7D	BEL	UiMUX			Link-11
DARC	3505,0	1909	08	05	F1B	UKR	UiPTR	81	250	unid printer located Area of Kiev
DARC	3509,8	vt	vd	05	J7D	ISR	Israeli MIL			MIL-188-110A, hybrid modem, daily heard 1900
DARC	3522,8	1954	26	05	G7D	I	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	3526,0	1823	03	05	J7D	LVA / LTU	UiMUX			MPSK-12, AT-3004-D, area of LVA or LTU
DARC	3531,0	vt	vd	05	A1A	BLR	UiCW			only dots, north east of Minsk
DARC	3533,7	1938	28	05	J7D		UiMUX			Link-11
DARC	3533,8	1954	03	05	J7D	HRV	UiMUX			Link-11, Croatia
DARC	3544,8	1855	11	05	G7D	S.Ea Eu	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	3550,0	0702	06	05	A3E	F	French Lis Hams			French lis amateurs
DARC	3550,0	vt	vd	05	A1A	F	French Lis Hams			French amateurs heard 03 24 at 0757, 0627
DARC	3553,8	2148	vd	05	G7B	TUR	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	3560,0	1912	03	05	A3E	KRE	Voice of Korea (North)			daily active
DARC	3560,1	2005	11	05	A3E	KRE	Voice of Korea (North)			is active
DARC	3561,8	0635	09	05	G7B		UiMUX			Link-11, slew
DARC	3572,0	2150	01	05	PSK	HOL	UiMUX	100	100	BCPSK, Radio Navigation
DARC	3595,0	2005	02	05	J7D	ISR	UiMUX			MIL-188-110A, hybrid modem, 2k4, 8PSK
DARC	3605,0	2007	29	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										D, location Arkhangelsk
DARC	3756,0	1536	01	05	A3E	UKR	"The Pip"			channel marker (?), 5 x 2 tones
DARC	3756,0	2114	18	05	A3E	UKR	The Pip			channel marker, daily
DARC	3756,0	2152	01	05	A3E	UKR	The Pip			2 x 5 tones, daily
DARC	3780,0	2159	01	05	G7B		UiMUX			frequency hopper
DARC	3782,0	2157	01	05	F1B	POR	CTP	75	850	Portuguese Navy, daily
DARC	7000,0	1245	19	05	FSK8	I	UiMUX			ALE, selcalls DIAL4, 2000, 2010 - Italian Carabinieri, daily
DARC	7000,0	2115	04	05	A3E	BLR	Radio Minsk			spurious from 7105
DARC	7000,0	2139	01	05	A1A	UKR	beacon D			spurious of beacon-D on 7038,7 (Sevastopol)
DARC	7008,0	0450	05	05	F1B		UiPTR			unid printer
DARC	7010,0	1017	15	05	FSK8		UiMUX			ALE
DARC	7010,0	1050	16	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow area
DARC	7016,0	1712	29	05	F1B		UiPTR			unid printer
DARC	7018,0	0952	20	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	7018,0	1051	16	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Yekaterinburg, area
DARC	7034,0	0857	26	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	7034,0	vt	vd	05	F1B	RUS	UiPTR	81	250	unid printer, area of Moscow, heard 07 09 at 0824, 0809
DARC	7038,7	0628	24	05	A1A	UKR	beacon D			beacon Sevastopol
DARC	7038,7	2200	18	05	A1A	UKR	beacon D			beacon Sevastopol heard all month 0320 - 0949 - 1623 - 2200
DARC	7038,7	vt	vd	05	A1A	UKR	beacon D			beacon Sevastopol heard all month 0320 - 0949 - 1623 - 2200
DARC	7038,8	0920	01	05	A1A	RUS	beacon P			(RMP) beacon of Russian Baltic Sea HQ, Kaliningrad - heard 01 21 at 0920, 1623
DARC	7038,9	1557	01	05	A1A	RUS	beacon S			beacon Murmansk
DARC	7038,9	2118	04	05	A1A	RUS	beacon S			beacon Murmansk
DARC	7039,0	1815	02	05	A1A	RUS	beacon C			beacon Moscow heard all month, 01 02 12 13 18 21 24 at 0320, 0821, 1623, 2223
DARC	7044,7	2139	01	05	A1A	RUS	beacon D			spurious of beacon-D (Sevastopol) on 7038,7
DARC	7054,0	0628	24	05	F1B	RUS	UiPTR	50	200	unid printer, fast reversals. Location Nishniy Novgorod
DARC	7054,0	0632	23	05	F1B	RUS	UiPTR	50	200	unid printer, fast reversals. Location Nishniy Novgorod
DARC	7054,0	1737	26	05	F1B	RUS	UiPTR	50	200	unid printer S9+30dB, location Nishniy Novgorod
DARC	7054,0	vt	vd	05	F1B	RUS	UiPTR	50	200	located Nishniy Novgorod, daily heard 0646, 1749 - 1853

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7070,5	1550	25	05	F1B		UiPTR			unid printer
DARC	7090,0	2032	01	05	A3E	RUS	Voice of Russia			splatters from 7105
DARC	7100,0	vt	vd	05	A3E	KRE	Voice of Korea (North)			French px 1800 - 1900, active 1800 - 2230
DARC	7100,0	vt	vd	05	A3E	ERI	Voice of Broad Masses			daily active 1700 - 1800
DARC	7130,0	1556	dly	05	JAM	CHN	Hainan Fire-drake Jammer			is active every day 1556 - 1737
DARC	7185,0	1556	dly	05	JAM	CHN	Hainan Fire-drake Jammer			is active every day 1556 - 1737
DARC	7188,0	0812	23	05	F1B		UiPTR	75	250	unid printer
DARC	7200,0	0624	27	05	A3E		UiBC			spatters 7100 - 7200 from BC on 7200
DARC	10099,8	1111	25	05	F1B	D	DDK			German weather service
DARC	10100,8	0726	23	05	F1B	D	DDK			German weather service
DARC	10100,8	0817	13	05	F1B	D	DDK			German weather service
DARC	10103,0	1759	02	05	FSK8	B	BA2, SH2, PI2			ALE, Brazilian MIL, Bahia
DARC	10104,0	vt	vd	05	F1B	BLR	UiPTR	81	250	unid printer, location area of Minsk, heard 15 23 at 0759, 0817
DARC	10105,0	1912	14	05	FSK8		UiMUX			ALE, selcall 911913
DARC	10107,5	0557	30	05	F1B		UiPTR			unid printer
DARC	10108,0	1111	25	05	N0N		UiCAR			long lasting carrier
DARC	10108,0	1502	10	05	F1B	KAZ	UiPTR	50	200	unid printer, location area of Tashkent
DARC	10112,0	0754	07	05	G7D	TUR	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	10112,0	0817	13	05	G7D	TUR	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	10113,5	0558	30	05	F1B		UiPTR			unid printer
DARC	10113,5	0605	30	05	G7D	TUR	UiMUX			Stanag-4285, 2k4, 8PSK, daily
DARC	10114,7	0648	05	05	F1B	RUS	UiPTR	96	1000	CIS-14, Moscow area
DARC	10115,0	1553	15	05	P0N	G / CYP	British OTH-Radar			chirping and rattling pulses heard 1553 - 1609
DARC	10120,0	1543	17	05	A3E		UiBC			weak signal
DARC	10120,0	1650	02	05	P0N	G / CYP	British OTH-Radar			50 pps
DARC	10126,0	0744	06	05	J7D	N.Ea. Eu	UiMUX			MPSK-12, AT-3004-D, north east Europe
DARC	10128,0	0748	23	05	G7B		UiMUX			frequency hopper
DARC	10128,5	0600	30	05	F1B		UiPTR			unid printer
DARC	10129,0	0520	23	05	F1B		UiPTR			unid printer
DARC	10129,0	0600	30	05	F1B		UiPTR			unid printer
DARC	10129,0	0830	18	05	F1B		UiPTR			unid printer
DARC	10130,0	0657	05	05	F1B	CHN	UiPTR	50	500	location Tibet
DARC	10130,0	1554	16	05	P0N	G / CYP	British OH-Radar			is active, 50 pps
DARC	10130,0	1916	16	05	FSK8	M.Ea	UiMUX	125	1750	Thales "Skymaster", FSK8, also Arabic voice traffic
DARC	10130,0	1925	09	05	FSK8		UiMUX	125	1750	unid Thales "Skymaster", FSK8
DARC	10130,0	vt	vd	05	A3E		UiBC			heard all month, 17 reports, 1700 - 1900
DARC	10130,0	vt	vd	05	P0N	G / CYP	British OH-Radar			50-Hz-system, heard 05 - 23 (14 days!!!)

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										0740, 1304, 1345, 1648 - very harmful!
DARC	10130,5	0817	13	05	F1B		UiPTR			unid printer
DARC	10133,8	1750	05	05	F1B	ARS	UiPTR	46	170	ARQ-E, daily
DARC	10140,0	1622	08	05	P0N	G / CYP	British OH-Radar			system 50 pps
DARC	10144,0	1111	25	05	F1B		UiPTR			unid printer
DARC	10145,0	0749	06	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, nowaja Semlja
DARC	10148,0	1852	22	05	P0N	G / CYP	British OH-Radar			25-Hz-system (25 pps)
DARC	10150,0	1844	16	05	A3E		UiBC			IM
DARC	14000,0	1359	05	05	G7B		UiMUX			frequency hopper
DARC	14000,0	1751	04	05	G7B		UiMUX			frequency hopper
DARC	14000,1	1018	06	05	N0N		UiCAR			unid carrier
DARC	14001,0	0758	03	05	N0N		UiCAR			unid carrier
DARC	14003,0	0705	05	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14005,0	1623	18	05	JAM	CHN	Hainan Fire-drake Jammer			is active
DARC	14005,0	1623	18	05	A3E	TWN	Sound of Hope			is active
DARC	14005,0	vt	16	05	A3E	TWN	Sound of Hope			is audible 1555 - 1617
DARC	14005,0	vt	16	05	JAM	CHN	Hainan Fire-drake Jammer			is audible 1555 - 1617
DARC	14005,0	vt	17	05	A3E	TWN	Sound of Hope			is audible 1509 - 1700
DARC	14005,0	vt	17	05	JAM	CHN	Hainan Fire-drake Jammer			is audible 1509 - 1700
DARC	14005,0	vt	18	05	JAM	CHN	Hainan Fire-drake Jammer			is audible 1529 - 1700
DARC	14005,0	vt	18	05	JAM	TWN	Sound of Hope			is audible 1529 - 1700
DARC	14005,0	vt	19	05	A3E	TWN	Sound of Hope			heard 1530 - 1553, no jammer heard
DARC	14005,0	vt	vd	05	JAM	CHN	Hainan Fire-drake Jammer			heard 14 16 17 18 19 20 21 27 at 1500 - 1637
DARC	14005,0	vt	vd	05	A3E	TWN	Sound of Hope			heard 14 16 17 18 19 20 21 27 at 1500 - 1637
DARC	14008,0	0751	25	05	F1B		UiPTR			carrier, later printer
DARC	14008,0	1000	26	05	F1B		UiPTR			unid printer
DARC	14008,0	vt	vd	05	F1B	RUS	UiPTR	50	250	unid printer, heard 05 08 19 26 at 700 - 1000
DARC	14010,0	1532	17	05	A1A		UiCW			dots and dashes without sense
DARC	14026,0	0703	31	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14028,0	0702	05	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14037,0	1658	04	05	G7B		UiMUX			frequency hopper
DARC	14037,0	1720	12	05	G7B		UiMUX			frequency hopper
DARC	14038,4	vt	vd	05	FSK	LBY	UiMUX	600	600	DPRK-FSK600, located Tripolis, daily heard 1657 - 1755 - - 26 reports all month
DARC	14046,0	0822	02	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Novgorod
DARC	14050,0	1740	19	05	FSK8		UiMUX			ALE heard
DARC	14075,0	0839	22	05	F1B	RUS	UiPTR	75	250	unid printer, location East of Russia
DARC	14091,0	1805	23	05	QPSK	BLR	UiMUX			AT-3004-D, 12 x 120 Bd, location: north of Minsk
DARC	14100,0	1026	17	05	F1B		UiPTR			unid printer
DARC	14102,0	1939	vd	05	F1B	GRC	UiPTR	100	850	unid printer heard 24 - 29 at 0908, 1840, 1939, 2114, location

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										north of Athens
DARC	14102,0	vt	vd	05	F1B	E	UiPTR			unid printer
DARC	14102,0	vt	vd	05	F1B	HRV	UiPTR			unid printer
DARC	14104,0	0751	25	05	F1B	BLR	UiPTR	75	250	unid printer
DARC	14104,0	0752	06	05	F1B	BLR	UiPTR	75	250	unid printer
DARC	14118,0	1938	29	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Moscow area
DARC	14118,4	1705	09	05	F1B	LBY	UiMUX			DPRK-FSK600, located Tripolis
DARC	14120,0	0735	17	05	F1B	RUS	UiPTR	81	250	unid printer, location east of Russia
DARC	14120,0	1005	08	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14120,0	vt	vd	05	F1B	RUS	UiPTR	81	250	unid printer, area of Moscow, heard 07 14 at 1021, 0910
DARC	14122,0	0818	23	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14122,0	vt	23	05	J7D		UiMUX	1k2		MPSK12, heard 0726 - 0804
DARC	14122,0	vt	vd	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, heard 0804 - 0943, location Syktyvkar
DARC	14122,0	vt	vd	05	J7D	CHN	UiMUX			MPSK-12, AT-3004-D, location Beijing area, heard 15 16 at 0803, 0856
DARC	14125,0	vt	vd	05	A3E	M.Ea	UiBC			BC from Persian Gulf, possibly Oman - heard 21 22 at 1840, 1725
DARC	14140,0	0703	05	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D
DARC	14141,0	0733	31	05	F1B	RUS	UiPTR	75	500	unid printer
DARC	14141,0	0806	15	05	F1B	BLR	UiPTR	75	500	unid printer, location north of Minsk
DARC	14141,0	1518	20	05	F1B	RUS	UiPTR	75	300	unid printer, location north east of Moscow
DARC	14160,0	1026	17	05	F1B		UiPTR			unid printer
DARC	14177,0	0807	15	05	F1B	UKR	UiPTR	75	500	unid printer, location area of Kiev
DARC	14184,0	0857	12	05	F1B	RUS	UiPTR	68	250	unid printer, idling, location Novosibirsk
DARC	14192,0	vt	vd	05	F1B	RUS	UiPTR	50	500	CIS35-50, location Kaliningrad
DARC	14192,0	vt	vd	05	F1B	RUS	Navy Kaliningrad	50	500	system CIS-36-50
DARC	14226,0	1005	04	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14240,0	1026	17	05	F1B		UiPTR			unid printer
DARC	14242,0	vt	vd	05	J7D	RUS	UiMUX			MPSK-12, AT-3004-D, location Novgorod
DARC	14310,0	1559	25	05	A1A	ALB / CKH N	Radio China Intl.			Ge px S9+5dB, 2f de 7155
DARC	14310,0	1740	19	05	A3E	CHN	Voice of China			German px S9+10dB, 2f de 7155
DARC	14314,0	1023	07	05	F1B	EGY	MFA Cairo	100	170	SITOR-A
DARC	14333,0	0750	13	05	XXX		UiMUX			multiplex rushing noise
DARC	14350,0	0631	29	05	P0N	G / CYP	British OH-Radar			25 pps
DARC	14350,0	1700	09	05	A3E	IRN	IRIB			harmonic from 7175, daily 1700 - 188
DARC	18070,0	0913	17	05	J7D		UiMUX			frequency hopper

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	18070,0	1242	25	05	P0N	G / CYP	British OH-Radar			system 25 pps
DARC	18078,0	1047	19	05	A3E	PAK	Radio Pakistan			IM / distortion product from fundamental 17835
DARC	18160,0	1047	19	05	A3E	PAK	Radio Pakistan			IM / distortion product from fundamental 17835
DARC	18160,0	1047	19	05	A3E	PAK	Radio Pakistan			also IM reported on 17916 and 17997
DARC	21000,0	0636	27	05	P0N	G / CYP	British OH-Radar			25 pps
DARC	24900,0	1634	24	05	G7B		UiMUX			frequency hopper
DARC	24900,0	vt	vd	05	P0N	I?	UiRAD			Codar HF-Radar, 100 kHz spread (!!!), heard 23 24 at 2128, 0951, 1830
DARC	28231,6	1324	25	05	XXX	UKR	UiSTN			unid selcall system, 4 tones, various times, daily
DARC	29685,0	0820	24	05	VFT	I	Italian MIL			VFT, Italian MIL, location Brescia - permanent!
DARC	29699,5	0820	24	05	VFT	I	Italian MIL			VFT, Italian MIL, location Brescia - permanent!
DARC	50230,0	1317	25	05	MT12		UiSTN			unid selcall system, 12 tones, various times, daily

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	05	FSK8	I	ALE	125	1750	TYPICAL ITALIAN CARABINIERI TRAFFIC ALL DAY LONG. ALL STATIONS HAVE 4 FIGURES CALLSIGNS STARTING WITH 2. SOME 30 CALLSIGNS HAVE BEEN RECORDED TILL NOW. VERY HEAVY TRAFFIC: MORE THAN 600 CONTACTS.
MRASZ	7000,0	0-24	ALL	05	G7D	I	PACTORIII			MAYBE CARABINIERI TRAFFIC
MRASZ	7000,0	0-24	ALL	05	G7D	Ui	UiMUX	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7000,0	1115	05	05	FSK8	Ui	ALE	125	1750	OC700B - OR200A NEW INTRUDER AGAIN!!!
MRASZ	7001,0	1953	14	05	J3E-U	Ui				Music
MRASZ	7003,0	0910	05	05	G7D	USA	UiMUX	2400		AMERICAN AF PERHAPS IN THE BALKAN ALE TRIGGERED VERY SHORT DATA TRANSMISSION
MRASZ	7003,0	0511	14	05	G7D	Ui	UiMUX	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7005,0	0-24	ALL	05	FSK8	USA	ALE	125	1750	123471 123476 SOUNDED
MRASZ	7010,0	0-24	ALL	05	FSK8	Ui	ALE	125	1750	CS - RS net
MRASZ	7010,0	2030	14,15	05	A3E	Ui				BC
MRASZ	7014,0	254	18	05	FSK8	NIG	ALE	125	1750	411411 -- 411413 "411" net NIGERIAN POLICE
MRASZ	7020,0	0-24	dly	05	FSK8	I	ALE	125	1750	CS - RS net
MRASZ	7023,0	1155	06	05	G7D	Ui	UiMUX	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H Letter D beacon
MRASZ	7038.7	0500	15	05	A1A	UKR				
MRASZ	7053.0	1900	14,15	05	F1B	Ui				
MRASZ	7054.6	1823	30	05	F1B	RUS	UiPTR		200	
MRASZ	7061,0	0-24	ALL	05	FSK8	NIG	ALE	125	1750	NIGERIAN POLICE
MRASZ	7070,0	0-24	ALL	05	FSK8	CHN	ALE	125	1750	Chn army 288 net. MODERATE TRAFFIC
MRASZ	7077.8	0558	15	05	F1B	Ui				
MRASZ	7080,0	1626	ALL	05	FSK8	CHN	ALE	125	1750	5810 SOUNDED
MRASZ	7091,0	1857	07	05	G7D	Ui	UiMUX			FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7092,0	0-24	15	05	FSK8	I	ALE	125	1750	ITALIAN CARABINIERI TRAFFIC
MRASZ	7097,0	0-24	ALL	05	FSK8	Ui	ALE	125	1750	BAS CALLS 6ST, 7ST, 9ST NEW INTRUDER!!!
MRASZ	7100,0	0-24	ALL	05	FSK8	ALG	ALE	125	1750	ALGERIAN MILITARY (ASD NET) Weak traffic
MRASZ	14005.0	1635	20	05	A3E	CHN				China's language
MRASZ	14007.9	0805	16	05	F1B	Ui				Short messages
MRASZ	21250.0	0707	22	05			OTHR			21250-21280
MRASZ	28287.9	0736	22	05	A3E	Ui				

OEVSV – Austria – OE3DMA (Alex)

RSGB - Great Britain – G4BOH (Chris)

Society	kHz	UTC	DD	MM	CTRY	IDENT	MODE	BD	SH	REMARKS
RSGB	14102.0	1000-1800	DLY	05	Spain, Croatia	Spanish mil?	F1B	100	850	Simplex STANAG 4481 link between Sanish mil. in Spain and Dubrovnic, Croatia. Baldock have informed the Spanish authorities.

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	7003,0	1814	27	5		UiCW	A1A		MR 5BL
SRAL	7004,0	0605	9	5		UiCW	A1A		QSA? vvv, brumming
SRAL	7008,0	0530-1230	*	5		UiPTR	F1B	250	Days 5, 14, 18 & 28
SRAL	7015,0	1615-1645	7	5		UiMUX	F7		
SRAL	7020,0	1200-1230	14	5		UiMUX	F7		
SRAL	7024,9	0800-1330	6,14	5		UiPTR	F1B	200	Also N0N & F1A MR 5F
SRAL	7038,7	h24	1-20	5	UKR	D	A1A		Sevastopol

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	REMARKS
SRAL	7038,9	h24	dly	5	RUS	S	A1A		Severomorsk/Murmansk
SRAL	7039,0	h24	1-10	5	RUS	C	A1A		Moscow
SRAL	7039,0	h24	17-31	5	RUS	C	A1A		Moscow
SRAL	7054,0	0500-0700	dly	5	RUS	UiPTR	F1B	200	25 Hz dotter.
SRAL	7054,0	1700-1900	dly	5	RUS	UiPTR	F1B	200	25 Hz dotter.
SRAL	7054,0	0700-1700	26	5	RUS	UiPTR	F1B	200	25 Hz dotter.
SRAL	7058,0	1610-1730	19	5		UiMUX	F7		~4 kHz wide, 40 Hz
SRAL	7077,7	0230-1530	14-18	5		UiPTR	F1B	1000	Untable fq
SRAL	7100,0	1755-2000	dly	5	KRE	Voice of Korea	A3E		
SRAL	7100,0	1600-1803	*	5	ERI	VoBME	A3E		6 days
SRAL	7105,0	1400-1530	1-18	5	CHN	JAM	A3E		"Firedragon"
SRAL	7113,0	1345-1400	16	5		UiCW	A1A		MR 5BL
SRAL	7122,0	0400-1930	19-31	5	RUS	RDL	F1B/A	200	25 Hz dotter, MR 5F
SRAL	7162,0	1200-1600	3-5	5		UiPTR	F1B	250	
SRAL	7162,0	1200-1600	26	5		UiPTR	F1B	250	
SRAL	7188,0	0700-0900	24	5		UiPTR	F1B	225	37,5 Hz dotter
SRAL	7189,0	1020	7	5		UiMUX	F7		
SRAL	10145,0	1900-1935	18	5	CYP/G	OTHR	P0N		
SRAL	14026,0	0730	24	5		UiMUX	F7		
SRAL	14075,0	0735	11	5		UiPTR	F1B	250	
SRAL	14121,0	0805	24	5		UiPTR	F1B		
SRAL	14160,0	0925	24	5	CYP/G	OTHR	P0N		
SRAL	14184,0	0735-0920	11	5		UiPTR	F1B	259	
SRAL	28145-29425	0730-1300	24	5	CIS	UiFM	F3E		12 reports
SRAL	28125-28275	0730-1300	25	5	CIS	UiFM	F3E		7 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	3667.0	0841	29	05			J3e			Jammer <u>systematic</u> heavy interfering Swiss Ham's almost daily
USKA	7000.0	0937	28	05	I		J7D	125	1750	ALE MIL188-141A daily to 206 this is 2056
USKA	7000.0	0940	28	05	I		J7D	125	1750	ALE MIL188-141A daily to E03
USKA	7000.0	0942	28	05	I		J7D	125	1750	ALE MIL188-141A daily to 206 this is 2010
USKA	7008.0	0857	28	05			F1B	250	50	unident Printer
USKA	7014.0	0901	28	05			F1B	250	50	unident Printer
USKA	7016.0	1843	29	05			F1B	75	250	unident Printer
USKA	7020.0	1202	16.	05			J7D	125	1750	ALE MIL188-141A
USKA	7054.0	1845	29	05			F1B	50	200	unident Printer daily
USKA	14008.0	1327	29	05			F1B	50	250	unident Printer
USKA	14077.0	0948	26	05			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14081.0	1153	26	05			F1B	250	75	unident Printer
USKA	14083.0	1115	26	05			J7D	12x120		MPSK-12: CIS 12 = AT3004D

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	14102.0	1151	26	05			F1B	100	850	unident Printer daily
USKA	14118.0	0920	28	05			J7D	12x120		MPSK-12: CIS 12 = AT3004D almost daily
USKA	14122.0	0816	16	05			J7D	12x120		MPSK-12: CIS 12 = AT3004D almost daily
USKA	14160.0	1117	26	05			F1B	50	250	unident Printer
USKA	14186.0	1047	20	05			J7D	12x120		MPSK-12: CIS 12 = AT3004D
USKA	14248.5	1126	20	05			F1B	600	600	Burst ARQ
USKA	28055.0	1234	28	05			J3E u			fishery
USKA	28143.5	1245	28	05			F3E			russian, female voice only very short phrases/words
USKA	29560.0	1100		05	BLR		AM			Spurious of Radio Belarus (4th harmonic of 7390 kHz)

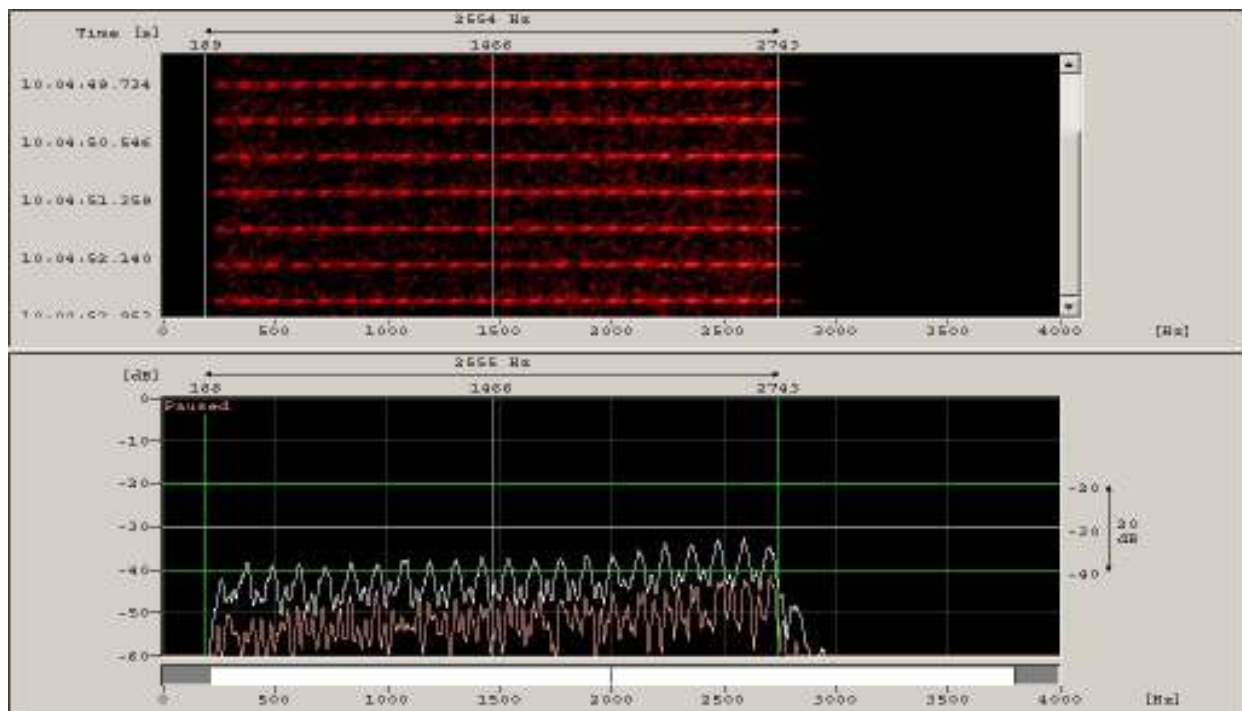
Veron – Netherlands – PA0GRU (Dick) – part 1

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7008,0	14.35	21	5		UiPtr	F1B		Ptr
VERON	7038,7	04.32	**	5	UKR	D	A1A		19.39 utc, 12 days, D-beacon
VERON	7038,7	09.10	**	5	UKR	D	A1A		18.50 D-beacon, 6 days
VERON	7038,9	04.32	**	5	RUS	C	A1A		19.39 utc, 14 days, C-beacon
VERON	7038,9	04.34	**	5	RUS	S	A1A		19.39 utc, 11 days, S-beacon
VERON	7038,9	09.10	**	5	RUS	S	A1A		20.15 S-beacon, 7 days
VERON	7039,0	18.00	**	5	RUS	C	A1A		20.15 C-beacon, 5 days
VERON	7041,0	17.07	5	5	CIS	KOJP	A1A		to G3TZ: 5BL
VERON	7041,0	17.14	5	5	CIS	KOJP	A1A		Proc
VERON	7054,0	17.02	**	5	CIS	UiPtr	F1B		18.50 Revs, 6 days
VERON	7054,0	05.04	**	5	RUS	UiPtr	F1B	250	18.24 utc, 10 days, Ptr/Revs
VERON	7056,0	05.58	1	5	CIS	Q7WR	A1A		to HKG4,PVSM,M4YB,NONP,B1LE etc
VERON	7056,0	06.00	3	5	CIS	Q7WR	A1A		to M4YB,NBKM, HKG4, etc Proc
VERON	7056,0	04.23	5	5	CIS	Q7WR	A1A		to JX9F, 5bl, AND 5F
VERON	10103,0	12.37	14	5		UiPtr	F1B	250	Ptr
VERON	10107,0	13.50	19	5		UiPtr	F1B	250	Ptr
VERON	14008,0	09.01	**	5	CIS	UiPtr	F1B		09.03 Carrier/Revs/Ptr, 2 days
VERON	14008,0	09.02	14	5		UiPtr	F1B	250	Ptr
VERON	14092,0	08.25	1	5	RUS	RGT77	A1A		RGT77 401= (5BL)= K
VERON	14104,0	08.15	**	5	CIS	UiPtr	F1B		18.15 Carrier/Revs/Ptr, 2 days
VERON	14108,0	09.03	14	5	CIS	ELWT	A1A		Q-codes/5BL (to: NGSW)
VERON	14108,0	11.26	22	5	CIS	9HNP	A1A		5BL
VERON	14108,0	11.39	22	5	CIS	9HNP	A1A		Calls/Z-codes (to: L91Q)
VERON	14108,0	09.10	30	5	CIS	UiCW	A1A		5BL
VERON	14108,0	07.10	28	5	CIS	Y1CQ	A1A		Y1CQ, QTC ZQK AR (several times)
VERON	14108,0	07.13	28	5	CIS	9HNP	A1A		5BL
VERON	14108,0	07.16	28	5	CIS	9HNP	A1A		to JN5Z, MTAG, XHJJ, CWE2, L91Q etc
VERON	14108,0	06.30	30	5	CIS	9HNP	A1A		to JN5Z, TAA2, XHJJ, MTAG, CWE2, C51Y,
VERON	14120,0	08.53	**	5		UiPtr	F1B		09.08 Revs/Ptr, 2 days
VERON	14141,0	11.40	22	5		UiCar	NON		Strong Carrier
VERON	14148,0	7.17	30	5	RUS	RGT77	A1A		5BL
VERON	14184,0	08.14	12	5		UiPtr	F1B		Revs
VERON	14192,0	17.55	13	5		UiPtr	F1B		Revs/Ptr
VERON	18070,0	13.19	22	5		OTHR	PON		radar, wide till 18080 KHz

Veron – Netherlands – PA0GRU (Dick) – part 2

SOC	kHz	UTC	DD	MM	ITU	IDENT	DETAILS
VERON	7017,0	08.04	18	5	E	UiILL	Spanish, male voices, fishery
VERON	7172,0	08.10	31	5	E	UiILL	Spanish, male voices, fishery
VERON	14310,0	19.15	19	5	E	UiILL	Spanish, male voices, fishery

Codar HF Ocean Wave Radar (24890 – 25890 kHz) on May 23rd
screenshot: DK2OM with Wavecom W61 decoder – sonogram and spectrogram



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

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