



# Monitoring System

## - IARUMS Region 1 -

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The monthly newsletter for Region 1

# April 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) ++  
++ 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 – available on <http://www.iarums-r1.org>

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

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

## Part 1: News and infos

### 1. 18160 – the enemy brothers again

Sound of Hope from Taiwan and the main land music jammer appeared again on 18160 kHz. DJ9KR, Uli, wrote complaints to the Chinese embassy in Berlin and to Sound of Hope. Sound of Hope is providing unpleasant news about the main land. They are expecting that amateurs are interested or informed about some problems in this region. Our hobby is not concerned with political affairs. So amateurs are very angry of these silly intrusions.

### 2. Chinese MIL activities on 14 MHz

I found a new Chinese PSK system on 14325 kHz. It has 16 tones and a 4 tone preamble. Several new Chinese ALE systems have been detected between 14000 and 14350 kHz.

### 3. 14000 – Brazilian pirate net

A North Brazilian pirate net is abusing 14000 kHz USB every evening. You can hear male and female voices in Portuguese language. Few years ago we had the same problem. As you can see: Brazil seems to be a chaos country concerning communication.

### 4. Spanish pirates on our bands

Spanish pirates (fishery or family traffic) can be found on 7000, 14000, 14350 kHz and other QRGs daily. They are abusing our bands like telephone lines. If someone tells them to leave our bands, they are laughing and joking. We hope that the Spanish authorities can finish this business.

### 5. Hamradio 2007

The German Intruderwatch Meeting will happen on June 23<sup>th</sup>, 2007 in Friedrichshafen during the Hamradio. Time: 1000 – 1130 local time – Location: Room "Schweiz" (= Switzerland), no. 155.

After the lectures of DJ9KR and DK2OM the IARUMS Region 1 Coordinators will have a special meeting. A plan of the fair can be found on our homepage. Look under: "Bandwachttreffen – Hamradio 2007"

All interested hams and swls are invited! [Overview map of the New Fair Friedrichshafen at the end of this letter!](#)

### 6. 28000 – 28305 kHz – Brazilian CB band

You can hear many Brazilian CBers on this range, if the band is open. Nothing has changed there!

### 7. Fishery buoys on 28000 MHz

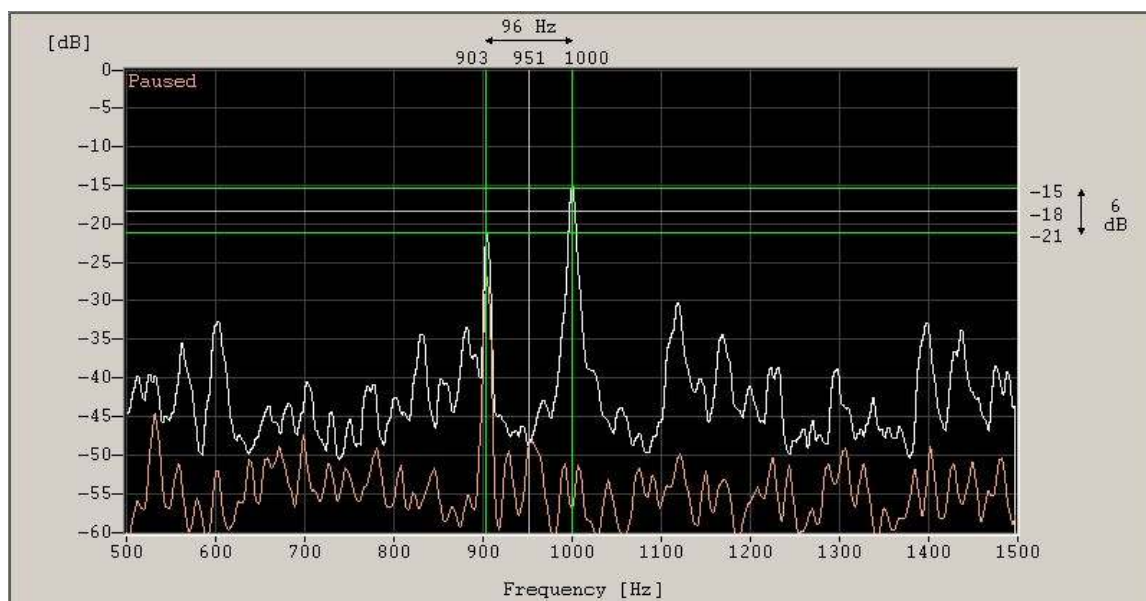
During April we could find illegal fishery buoys on 28000 – 28500 kHz in CW. The location was South Atlantic, because many amateurs from Argentina and Brazil were audible at the same time. Please look on our Homepage at the left side!

### 8. 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>

**The enemy brothers on 18160 kHz – left: The carrier from Sound of Hope on 18159.903 kHz --- right: The carrier from the Chinese music jammer on 18160.000 kHz**



screenshot: DK2OM with Wavecom

## 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	3515.0	0818	8	4	KEN?	UiPHONE	J3Eu	Far Eastern language. Fishing fleet?
ARSK	6999.0	vt	dly	4	ETH?	UiPHONE	J3Eu	Amharic.
ARSK	7000.0	vt	dly	4	SOM	Boccaro, Galkayu	J3Eu	Somalis. Phone patching.
ARSK	7003.0	0829	7	4	SOM	UiPHONE	J3Eu	Somalia, calling Mandera or Bardera.
ARSK	7008.0	vt	dly	4	SDN	M7, M18, M125, 21, 35, others	J3E	English, vernaculars, verbal Morse.Selcal. SPLA.
ARSK	7012.0	vt	*	4	SOM	Kismayu, Afmadu, Dobleh	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni *8,
ARSK	7013.0	0749	9	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7017.0	0748	9	4	SOM	Afgoi	J3Eu	Somalis.
ARSK	7022.0	vt	dly	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7023.0	vt	dly	4	SOM	Bulla Hawa, Boccaro	J3Eu	Somalis. Phone patching.
ARSK	7026.0	0747	9	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7026.0	vt	dly	4	SDN	Twiga, K1, K2, K3, JB, RS, V1, V2, P2, IF, CF,	J3Eu	English, NGO. Selcal. (Twiga = giraffe in KiSwahili.)
ARSK	7033.3	1433	9	4	?	UiPHONE	J3Eu	Far Eastern language. Fishing fleet?
ARSK	7035.0	0525	27	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7040.0	vt	dly	4	ETH	UiPHONE	J3Eu	Amharic.
ARSK	7042.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*6,22,
ARSK	7045.0	vt	dly	4	SDN	MM, NE, NU, AA, AK, AJ, AL, AT, AO, DU, WL1, WL2, WL4, WL5,WL9, WL10, BR, WM, NU, MAJ,	J3E	Vernacular, Dholuo? English, phonetics. Sudan, NGO, SPLA or SNLA?
ARSK	7045.0	vt	dly	4	TZA	Mafia, Songea, Lindi, Kalungu, Korogwe, Kilwa, Sumbawanga, Korogwe	J3E J3Eu	Tanzania Electricity Supply Co. Usage illegal and contrary to ITU allocations.
ARSK	7046.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis. *9,29,
ARSK	7048.0	vt	dly	4	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	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7050.0	vt	dly	4	SDN? RRW UGA? ETH?	A, AA, BB, J, K, D, DG, Kigali, GA, W, WA, 42, 54, 4A, 72,691,134, 128, PW, Bukavu, 4W,	J3Eu	French, English, Italian, NGO. Positions coded, Alfa, Golf etc. Selcal. Possible Kampala link. May also have stations in Ethiopia, Somalia and Mozambique.
ARSK	7057.0	0945	24	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7060.0	vt	dly	4	ZAI	UiPHONE	J3Eu	French, Kiswahili, vernacular.
ARSK	7061.0	vt	*	4	SOM	UiPHONE	J3Eu	Somalis.*9,
ARSK	7065.0	vt	dly	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	0853	7	4	SOM?	UiPHONE	J3Eu	Somali, calling Wajir.
ARSK	7066.0	vt	dly	4	SDN	B1, B2, AT,K1, KT, CT, TI, BT, B2, KR, JT, P1, LL, LA, A25, BJ, RK1, RK2, KA	J3E	S. Sudan. English, & Nilotic language. NGO? Also uses 5712 KHz.
ARSK	7070.0	vt	dly	4	SOM	Asmara, Afmadu,	J3Eu	Somalis. SelCal. Often late

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
					ERI	Dobleh, Baidoa, Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein		at night.
ARSK	7071.0	0813	8	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7072.0	0926	11	4	?	UiPHONE	J3Eu	Italian, non-amateur.
ARSK	7073.0	0520	26	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7075.0	vt	dly	4	SOM	Galkayu, Kismayu, Baidoa	J3E J3Eu	Somalis. SelCal, phonepatching.
ARSK	7075.0	0600	29	4	ETH?	uiPHONE	J3E	Amharic.
ARSK	7076.0	0831	7	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7077.0	0753	9	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7084.0	0755	9	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7092/0	0515	26	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7096.0	0825	7	4	SOM	UiPHONE	J3Eu	Somalis.
ARSK	14028-14315	vt	dly	4	KEN	UiCAR	AiA?	Carrier, on 9 freqs. spread over the 20 m band, probably spurii, Ruaraka area . Now weaker but still there. (Reported by 5Z4ES)
ARSK	18160.0	vt	dly	4	TAI CHI	Chinese BC and music jamming	A3A	"Sound of Hope" BC, Taiwan, jammed by mainland China (Hainan) "Fire Dragon". From 23/04/2007.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3540,0	0511	18	04	A3E	F	French Amateurs - just Info	French amateurs in AM, carrier with both sidebands, in CW section of 80-m-Band. Activity is against IARU Bandplan
DARC	3545,0	0523	10	04	J3E-U	F	French Amateurs - just Info	French amateurs in AM, carrier with both sidebands, in CW section of 80-m-Band. Activity is against IARU Bandplan
DARC	3550,0	0548	10	04	J3E-U	F	French Amateurs - just Info	French amateurs in AM, carrier with both sidebands, in CW section of 80-m-Band. Activity is against IARU Bandplan
DARC	3551,0	0628	05	04	J3E-U	F	French Amateurs - just Info	French amateurs in AM, carrier with both sidebands, in CW section of 80-m-Band. Activity is against IARU Bandplan
DARC	7000,0	1641	03	04	J3E-U	M.Ea	UiILL	unid children's voices, Middle East?
DARC	7000,0	0817	22	04	J3E-L	I	I8SGL	OP Luigi, Palermo - out-of-band operation or violation call sign?
DARC	7000,0	0824	22	04	J3E-L	I	IW8RSY	OP Aurelio, Provincia Cosenza - out-of-band operation or violation call sign?
DARC	7000,0	vt	29	04	J3E-U	F	UiILL	2 fishermen in French voice, QSA5 (S9)
DARC	7000,0	0508	30	04	J3E-U	E	UiILL	Spanish family traffic, male to female
DARC	7010,0	1508	23	04	J3E-U		UiILL	unid pirates unid language
DARC	7017,8	0858	19	04	J3E-L	I	UiILL	2 male persons in Italian dialect, to 7030,8
DARC	7030,8	0902	19	04	J3E-L	I	UiILL	2 male persons in Italian dialect, from 7017,8
DARC	10101,0	vt	vd	04	J3E-U		UiILL	unid pirates unid language, heard 01 05 at 1848, 1450
DARC	10125,0	1730	19	04	J3E-U		UiILL	Ar traffic, male persons, roger beep
DARC	10128,0	1830	03	04	J3E-U	E	UiILL	Galician fishery
DARC	13999,0	1355	08	04	J3E-U	S.As	UiILL	pirates in Hindi voice

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	14000,0	1707	04	04	J3E-U		UiILL	pirates in Arabic voice
DARC	14000,0	1903	06	04	J3E-U	ISR	ULX2 Mossad	female synthetic voice, is Mossad
DARC	14000,0	1503	09	04	J3E-U	E	UiILL	Spanish fishery, poss. eastern Med Sea
DARC	14000,0	0846	10	04	J3E-U	ISR	SYN2 Mossad	female synthetic voice, is Mossad
DARC	14000,0	1350	18	04	J3E-U	I	UiILL	Italian pirates, counting and playing music
DARC	14000,0	1559	19	04	A3E	ISR	ART Mossad	female synthetic voice, is Mossad
DARC	14000,0	1408	29	04	A3E	ISR	Mossad	female synthetic voice with encrypted messages
DARC	14000,0	vt	vd	04	J3E-U	S.As	UiILL	poss. Hindi language. Large net heard 04 - 24 at 0512, 0958, 1036, 1108, 1230
DARC	14000,0	vt	vd	04	J3E-U	E	UiILL	female in Spanish, heard 06 and 12 at 1903, 1742 - to 14470 a/a
DARC	14000,7	1223	29	04	J3E-U	S.As	UiILL	pirates in Hindi voice
DARC	14001,0	vt	vd	04	J3E-U	S.As	UiILL	poss. Hindi language. Large net heard 04 19 at 1244, 1646
DARC	14016,0	1407	04	04	J3E-U	S.As	UiILL	poss. fishermen in Indian Ocean
DARC	14038,0	1830	26	04	J3E-U	KOR	UiILL	2 Korean male voices, fishery?
DARC	14050,0	1321	01	04	J3E-U	S.As	UiILL	poss. Hindi language
DARC	14065,0	0937	19	04	J3E-U	KOR	UiILL	Korean male person
DARC	14089,0	vt	26	04	J3E-U	KOR	UiILL	Korean male person heard 0629 - 0641
DARC	14245,0	0847	19	04	J3E-U	KOR	UiILL	2 male persons in Korean
DARC	14269,0	0748	18	04	J3E-U	KOR	UiILL	3 male persons in Korean, QTE Tübingen 210 degs.
DARC	14325,0	vt	21	04	J3E-U	E	"Spanish Couple" *)	simplex Spanish traffic 1639 - 1640, male on ship, female near Huelva, Southern Spain
DARC	14325,0	1651	22	04	J3E-U	E	"Spanish Couple" *)	simplex Spanish traffic 1639 - 1640, male on ship, female near Huelva, Southern Spain
DARC	14330,0	1949	26	04	J3E-U	E	UiILL	male and female in Spanish voice, family traffic, no call signs
DARC	14345,0	0737	26	04	J3E-U	KOR	UiILL	2 male persons in Korean, fishery?
DARC	14346,0	1736	18	04	J3E-U	I	UiILL	Italian fathers and nuns in Africa without license in contact with lis Radio Amateurs from Italy
DARC	14346,0	1736	18	04	J3E-U	Af	UiILL	Italian fathers and nuns in Africa without license in contact with lis Radio Amateurs from Italy
DARC	14350,0	1217	06	04	J3E-U	F.Ea	UiILL	pirates
DARC	14350,0	vt	vd	04	J3E-U	E	UiILL	male with female in Spanish voice, heard 08 11 12 16 18 26 at 1946, 1749, 1747, 1733 - to 13925 for "duplex" and back
DARC	18070,6	1622	30	04	J3E-U	KOR	UiILL	Korean male person, modulation slightly distorted
DARC	18100,0	1350	23	04	J3E-U	F.Ea	UiILL	pirates from Far East
DARC	28015,0	1915	10	04	A3E	B	UiILL	CB-ers from Brazil
DARC	28075,0	1848	12	04	A3E	E	UiILL	CB-ers from Spain
DARC	28115,0	1851	12	04	A3E	E	UiILL	CB-ers from Spain
DARC	28175,0	1910	12	04	A3E	E	UiILL	CB-ers from Spain
DARC	28235,0	1926	10	04	A3E	B	UiILL	CB-ers from Brazil
DARC	28245,0	1923	10	04	A3E	B	UiILL	CB-ers from Brazil
								*) First heard in January 2006. Still active since then on 20-m ham band!

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3550,0	vt	vd	04	A3E	F	Many French Amateur Radio Stations			Information to Intruder Watchers: 0600 - 0900: large net up to 20 stations in "AM" by French lis Radio Amateurs - Activity is not conform to IARU Band Plan and a waste of Amateur Radio spectrum - often reported to IARU-MS as "Intruders" - Back to roots? When will they use Spark Gap transmitters agn?
DARC	7000,0	1144	01	04	FSK8	I	UiMUX			system ALEI, selcalls 2000, 3000 - is Italian Carabinieri Rome, daily
DARC	7000,0	vt	01	04	A3E	BLR	Radio Belarus Minsk			splatters / IM from 7105, heard 1503, 1913
DARC	7000,0	1440	29	04	A1A	RUS	beacon P			located Kaliningrad
DARC	7001,3	1643	03	04	N0N	TUR	UiCAR			unid carrier system 2 carriers: 7001,3 and 7002,6 - location South Turkey
DARC	7001,5	1847	07	04	D8PSK		UiMUX			STANAG-4285, D8PSK, 2400 Bd
DARC	7003,0	0841	18	04	MFSK8		UiMUX			ALE heard
DARC	7011,0	1355	17	04	G7B		UiMUX			frequency hopper
DARC	7012,0	1355	17	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	7013,0	0905	18	04	MFSK8		UiMUX			ALE heard
DARC	7016,0	0509	18	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	7018,0	1529	03	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	7027,0	0452	26	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	7030,0	1634	25	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	7030,0	1413	29	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	7038,7	1211	01	04	A1A	UKR	beacon D			located Sevastopol heard 01 - 29 at 0700 - 1211
DARC	7038,7	1211	01	04	A1A	RUS	beacon C			located Moscow 7 reports all month, times: 0700 - 1702
DARC	7038,8	1440	29	04	A1A	RUS	beacon P			located Kaliningrad
DARC	7038,9	0629	04	04	A1A	RUS	beacon S			located Murmansk heard 0419 21 at 0629 - 1700
DARC	7039,6	1854	05	04	A1A	I	IZ3DVW			roundslip "IZ3DVW / beacon" - by IARU not legalized and unwanted beacon, sometimes rather bothersome
DARC	7042,0	0510	18	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	7050,3	1855	06	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7053,0	1941	03	04	G7B		UiMUX			frequency hopper
DARC	7054,0	1702	21	04	F1B	RUS	UiPTR Novgorod			MIL printer and reversals, very harmful as very powerful - heard 21 - 30 from 0540 -1702
DARC	7059,0	1857	05	04	G7B		UiMUX			frequency hopper
DARC	7059,4	1942	03	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7059,8	1910	04	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7065,2	1937	11	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7065,6	1850	07	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7066,0	1956	01	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7069,8	1934	15	04	F1B		UiPTR	100	475	unid printer

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7070,0	2200	10	04	A3E	CHN	Chinese BC			located Hainan
DARC	7070,0	2232	dly	04	FSK8	CHN	UiMUX	125	1750	system ALE, selcalls 244, 514, PRC-China, daily
DARC	7072,0	2148	10	04	A3E		UiBC			unid BC
DARC	7073,4	2147	10	04	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7080,0	0628	04	04	F1B	RUS	UiPTR	50	200	unid printer
DARC	7082,0	0509	16	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	7083,0	0802	05	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	7090,0	2149	10	04	A3E	BLR	Radio Belarus Minsk			splatters from 7105, Radio Belarus Minsk
DARC	7095,0	1502	01	04	A3E	BLR	Radio Belarus Minsk			splatters from 7105
DARC	7100,0	1629	19	04	A3E	ERI	Voice of the Broad Masses			typical px heard 19 and 30 at 1629
DARC	10112,0	0910	01	04	G7B	TUR	UiMUX			Stanag-4285, 2k4, D8PSK - is Turkish MIL, permanent
DARC	10114,7	vt	vd	04	F1B	RUS	UiPTR	96	1000	system CIS-14, daily
DARC	10114,8	0647	12	04	F1B	RUS	UiPTR	96	1000	unid printer
DARC	10115,0	0632	04	04	FSK4	CHN	UiMUX	100		PRC4-FSK, 4 x 100 Bd, PrC-PLA
DARC	10115,0	0841	15	04	G7B	S	UiMUX			MIL-188-1109A, 1200 bps, is Swedisch Navy Karlskrona
DARC	10116,5	1908	02	04	MFSK	RUS	UiMUX			CIS-36 multitone
DARC	10119,0	1354	17	04	F1B	RUS	UiPTR	50	250	unid printer
DARC	10124,0	vt	vd	04	F1B	RUS	UiPTR	72	200	unid printer, heard 24 26 at 0510, 0511
DARC	10125,0	1909	02	04	P0N	G / CYP	British OTH-Radar			OTH-Radar at Akrotiri, Cyprus Island - 25 pps-system
DARC	10125,0	1729	19	04	FSK8	ALG	UiMUX			ALE, selcalls MAE, TRP - is Algerian MFA
DARC	10129,0	0800	05	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	10130,5	0632	05	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	10134,0	1846	28	04	FSK8	USA	UiMUX			ALE, selcall T45MED, is US-MIL M.Ea, daily
DARC	10135,0	0508	30	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	10142,0	1927	06	04	MFSK8	RUS	UiMUX			CIS multitone system CIS-36
DARC	10144,0	vt	vd	04	F1B	RUS	UiPTR	81	200	system 81, heard 03 04 05 at 0735, 0628, 0633
DARC	10150,0	1600	15	04	MFSK	RUS	UiMUX			36 tone CIS-36
DARC	14000,0	1559	dly	04	FSK	EGY	UiMUX	300	820	FSK, Egyptian telemetry, daily
DARC	14000,0	1538	02	04	G7B		UiMUX			frequency hopper
DARC	14000,0	1903	06	04	A3E	ISR	ULX2			female synthetic voice, roundslip
DARC	14000,0	0807	10	04	N0N		UiCAR			carrier
DARC	14000,0	0846	10	04	A3E	ISR	SYN2			female synthetic voice, roundslip, is Mossad
DARC	14000,0	1700	10	04	XXX	I	UiMOD			rushing noise 3 kHz spread, location Area of Rome
DARC	14000,0	1559	19	04	A3E	ISR	ART			female synthetic voice, roundslip, is Mossad
DARC	14000,0	1654	25	04	A1A	ISR	4XZ Israeli Navy Haifa			roundslip "VVV DE 4XZ", heard 0634 - 0834, 1654, also traffic - reported to BNetzA Konstanz
DARC	14000,0	1408	29	04	A3E	ISR	Mossad			female synthetic voice, encrypted messages, is

CLUB	KHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										Mossad
DARC	14002,0	1010	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14008,0	1340	11	04	F1B	RUS	UiPTR	50	250	unid printer heard 11 - 26, 6 reports, times: 0642 - 1340
DARC	14010,0	0453	24	04	P0N	G / CYP	British OTH-Radar			25-pps- and 50 pps-system
DARC	14013,0	0635	18	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14014,0	0802	09	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14014,0	0803	10	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14016,0	1009	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14016,5	0811	04	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14024,0	1744	16	04	F1B		UiPTR	75	500	unid printer
DARC	14028,0	vt	16	04	F1B	RUS	UiPTR			MIL printer located Samara, heard all month, 39 reports, times: 0724 - 1210 - tnx BNetzA Konstanz!
DARC	14029,0	1010	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14036,0	vt	vd	04	G7B		UiMUX			frequency hopper heard 02 03 at 1756, 1820
DARC	14038,5	vt	vd	04	FSK	LBY	UiMUX	600	600	DPRK-FSK600/600, located Tripolis, daily 1756 - 1800, 28 reports
DARC	14039,0	0812	30	04	A3E		UiBC			IM heard?
DARC	14043,0	1011	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14044,0	0737	11	04	G7B		UiMUX			frequency hopper
DARC	14050,0	0728	03	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14050,0	1015	17	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14051,7	0843	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14060,0	1719	10	04	G7B		UiMUX			frequency hopper
DARC	14069,0	1958	02	04	G7B		UiMUX			frequency hopper
DARC	14080,0	0510	16	04	G7B		UiMUX			frequency hopper
DARC	14080,0	0512	17	04	A3E	MRC	UiBC			BC located Morocco
DARC	14090,9	0728	09	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14104,0	1005	24	04	FSK8	CHN	UiMUX	125	1750	ALE, selcalls C61, A01, PRC-Net China
DARC	14106,0	1025	20	04	F1B	RUS	UiPTR	81	250	unid printer
DARC	14112,0	0728	09	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14120,0	vt	14	04	F1B	RUS	UiPTR	81	250	unid printer heard 14 at 0801, 1014
DARC	14120,0	vt	18	04	F1B		UiPTR			printer heard 0838 - 0853
DARC	14121,0	0640	30	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14122,0	0811	22	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14123,0	0855	07	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14144,0	0632	28	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14162,0	1100	18	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14177,1	0912	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14180,0	1524	03	04	F1B	RUS	UiPTR	100	200	unid printer
DARC	14180,0	0755	05	04	F1B	RUS	UiPTR	100	200	unid printer
DARC	14184,0	0805	10	04	F1B	RUS	UiPTR	81	250	unid printer
DARC	14186,0	1006	30	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14192,0	0825	02	04	P0N	RUS	Russian OTH Radar			OTH-Radar "Steel Yard" 20 kHz spread, 50 pps, location nr. Novgorod
DARC	14192,0	0958	24	04	J7D	RUS	RN	50	500	Russian Navy Kaliningrad
DARC	14192,0	0640	30	04	F1B		UiPTR			reversals
DARC	14224,5	0811	06	04	F1B		UiPTR	100	200	unid printer
DARC	14227,0	0630	26	04	J7D		UiMUX			12-tone AT-3004-D
DARC	14234,0	0839	10	04	FSK8	CHN	UiMUX	125	1750	system ALE, PRC-net, selcalls C81, A01
DARC	14240,0	0856	04	04	F1B	RUS	UiPTR	75	250	unid printer
DARC	14240,0	1800	22	04	A3E		Radio			2f, Ru px

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Rossiye			
DARC	14240,0	vt	vd	04	A3E	RUS	Radio Rossiye			BC harmonic of 7120, S9+10dB, heard 01 02 08 10 at 1443 - 1638
DARC	14242,0	0710	13	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14248,3	0813	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14252,0	0911	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14253,0	0726	23	04	F1B		UiPTR			unid printer
DARC	14256,0	0745	18	04	F1B		UiPTR			unid printer
DARC	14256,0	vt	18	04	J7D	RUS	UiMUX			12-tone AT-3004-D, heard 0635 - 0727
DARC	14256,0	0838	18	04	F1B		UiPTR			reversals
DARC	14256,0	0939	18	04	F1B		UiPTR			printer
DARC	14260,0	vt	26	04	J7D		UiMUX			rushing and humming noise heard 0630 - 0815
DARC	14265,0	1550	08	04	A3E	RUS	Radio Rossiye			no harmonic, but IM
DARC	14265,0	1658	20	04	A3E	RUS	Radio Rossiye			Ge px, at 1700 s/on Fr px, jingle, S9 - IM?
DARC	14265,0	vt	26	04	J7D		UiMUX			rushing noise heard 0624 - 0815
DARC	14271,0	0813	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14284,0	0925	18	04	A1A		UiCW			5F
DARC	14290,0	1715	17	04	FSK8	CHN	UiMUX			ALE, selcalls 835, 375 - PRC-PLA, daily
DARC	14292,0	0813	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14292,0	0702	11	04	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14295,7	0813	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14300,0	vt	26	04	J7D		UiMUX			rushing noise heard 0707 - 0812
DARC	14300,8	0731	03	04	F1B		UiPTR		30	2 tones, 30 Hz shift, 330 ms length
DARC	14320,0	1826	18	04	A3E	ROU	Radio Romania Intl.			Ge px S 9 + 15 dB, 2f
DARC	14325,0	1522	12	04	G7B		UiMUX			frequency hopper
DARC	14325,0	vt	vd	04	PSK		UiMUX			PRC-16 PSK, 4 tone preamble, heard 12 - 15 at 1238, 0821, 0935 - 4 reports
DARC	14343,1	0910	06	04	F1B	RUS	UiPTR	100	250	unid printer
DARC	14345,0	1525	03	04	P0N	G / CYP	British OTH-Radar			50-pps-system
DARC	14345,0	1002	11	04	P0N	G / CYP	British OTH-Radar			50-pps-system
DARC	14350,0	1747	13	04	A3E	ALB	Radio China Intl.			relay Tirana, is harmonic of 7175
DARC	14350,0	1747	16	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	14350,0	1348	18	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	14350,0	1832	18	04	A3E		R. China Intl.			Fr px, S6
DARC	18095,0	1358	19	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	18100,0	1403	23	04	G7B		UiMUX			frequency hopper
DARC	18120,0	vt	vd	04	P0N	G / CYP	British OTH-Radar			located Cyprus, heard 02 03 05 at 1150, 0757, 1246

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	18160,0	h24	22 - 30	04	A3E	CHN	Fire-dragon Jammer			Hainan Firedragon Jammer heard 22 - 30 all around the clock. Only 4 minutes break at full hour. Then is audible a Chinese px "below" the jammer, poss. Sound-of-Hope, TWN
DARC	18160,0	h24	22 - 30	04	A3E	TWN	Sound-of-Hope			Hainan Firedragon Jammer heard 22 - 30 all around the clock. Only 5 minutes break at full hour. Then is audible a Chinese px "below" the jammer, poss. Sound-of-Hope, TWN
DARC	21000,0	1630	29	04	G7B		UiMUX			frequency hopper
DARC	21010,0	1727	22	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	21020,0	0840	12	04	G7B		UiMUX			frequency hopper
DARC	21070,0	0934	14	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	21135,0	1155	03	04	FSK8	IRQ	UiMUX	125	1750	ALE, selcalls IGF, MOI, MOD - is Iraq MOD - daily
DARC	21135,2	1128	03	04	FSK8	IRQ	UiMUX			system ALE, selcalls 1030, 1203 - is Iraq MIL Mossul, daily
DARC	21170,0	0832	12	04	P0N	G / CYP	British OTH-Radar			25-pps-system
DARC	21415,0	1322	21	04	P0N	G / CYP	British OTH-Radar			25-pps-system

### MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	0956	01	04	I	PACTOR-III	G7D			ITALIAN USER
MRASZ	7000,0	0957	01	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7000,0	1717 1725 1730 1736	04	04	I		ALE FSK8	125	1750	TYPICAL ITALIAN CARABINIERI TRAFFIC ALL DAY LONG: 2009 CALLS 2605, 2084, 2112
MRASZ	7000,0	0551	07	04	I		ALE FSK8	125	1750	ITALIAN CARABINIERI TRAFFIC
MRASZ	7000,0	1409 1358 1352 1341 1336 1336	07	04	I		ALE FSK8	125	1750	ITALIAN CARABINIERI TRAFFIC THIS NET HAS BEEN OBSERVED FOR HOURS AND PRODUCED GREAT ACTIVITY. 2009 WAS THE NET CONTROLL STATION AND 2084, 2112, 2605 WERE LINKED TO IT.

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	0956	01	04	I	PACTOR-III	G7D			ITALIAN USER
MRASZ	7000,0	0910 0859 0859 0854 0848	07	04	I		ALE FSK8	125	1750	ITALIAN CARABINIERI TRAFFIC EVERY TRANSMISSION WAS VERY STRONG! QSA 5, S9+10 dB. TRAFFIC IS ALL DAY 0-24.
MRASZ	7000,0	1050 1045 1039 1034	07	04	I		ALE FSK8	125	1750	ITALIAN CARABINIERI TRAFFIC IT SEEMS AT LEAST IN EVERY TEN MINUTES CALL PRODUCED
MRASZ	7000,0	0-24	AL L	04	I		ALE FSK8	125	1750	PERMANENT INTRUDER!!!
MRASZ	7003,0	0715	08	04	USA	UiMUX	G7D	2400		AMERICAN AF PERHAPS IN THE BALKAN ALE TRIGGERED VERY SHORT DATA TRANSMISSION
MRASZ	7003,0	0534 0618 0716 0802 0959	08 09	04	USA		ALE FSK8			AMERICAN AIR FORCES PERHAPS IN KOSOVO 07:16 TO T01147 TWS R23966 IN 09 R24406 CONTACTED WITH T01147
MRASZ	7003,0	0719 1104	08 09	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7003,0	1704	19	04	Ui	UiMUX	G7D	2400		UNID MODEM BURSTS WERE HEARD
MRASZ	7010,0	0657	18	04	I		ALE FSK8	125	1750	CS - RS net
MRASZ	7014,0	0740	10	04	REA4		F1B	50	250	s7
MRASZ	7014,0	0254	18	04	Ui		ALE FSK8	125	1750	411411 -- 411413 "411" net
MRASZ	7014,0	0-24	dly	04	Ui		ALE FSK8	125	1750	4115
MRASZ	7016,0	0704	07	04	RUS	UiPTR	FSK2	50	250	REA4 WAS BUSY TRAFFICING
MRASZ	7016,0	0704	07	04	RUS	UiPTR	FSK2	50	250	REA4 GAVE ID IN MORSE THEN SWIRCHED IDLE (FAST REVERSALS)
MRASZ	7020,0	0657	18	04	RUS	UiMUX	J7D	1440		AT-3004D
MRASZ	7020,0	0-24	dly	04	I		ALE FSK8	125	1750	CS004 RS004D
MRASZ	7023,0	1847	06	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7026,0	0-24	dly	04	Ui		ALE FSK8	125	1750	CTC875 C48875
MRASZ	7030,0	0748 0749 0753	10	04		UiMUX	G7D	2400		fR
MRASZ	7030,0	1818	25	04	RUS	REA4	FSK2	50	250	
MRASZ	7032,0	2307 2309 2312 0400 0409	10	04	Ui		ALE FSK8	125	1750	Callsigns were :3031, 3771, 8011, 8551, 3551, 3541, 3011
MRASZ	7032,0	1318 1332 1711 0123	09	04	USA		ALE FSK8	125	1750	803 3011, 3811, 8551,8011 WERE SOUNDING
MRASZ	7032,0	1809	09	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7032,0	0-24	dly	04	Ui		ALE FSK8	125	1750	3060 3031 3771 3211 8062 123456 3061 8541 8061

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	0956	01	04	I	PACTOR-III	G7D			ITALIAN USER
MRASZ	7035,0	1813	23	04	RUS	REA4	FSK2	50	500	s7 fast revs
MRASZ	7036,0	0714	12	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7038,0	0953	01 09	04	RUS	BEACON	A1A			MOSCOW 'C' LETTER BEACON
MRASZ	7038,0	1913	05	04	RUS	BEACON	A1A			D LETTER
MRASZ	7040,0	0657	18	04	RUS	UiMUX	J7D	1440		AT-3004D
MRASZ	7045,0	0-24	dly	04	Ui		ALE FSK8	125	1750	UNID NET 1BR 2BR 3BR MHE KBT 8GS
MRASZ	7049,0	1606	07	05	Ui	UiMUX	G7D			FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7050,4	1853	06	04	CHN	L9CC	A1A			ROUNDSLIP "CP17 DE L9CC"
MRASZ	7054,0	1820	23	04	RUS	REA4	FSK2	50	250	s7 fast revs
MRASZ	7054,0	1820	26 27	04	RUS	REA4	FSK2	50	250	S9 +10 dB
MRASZ	7070,0	1742	09	04	CHN		ALE FSK8	125	1750	LOTS OF TRAFFIC BUT UNDECODABLE REGARDING TO THE LOW SIGNAL STRENGHT
MRASZ	7070,0	0331 0346 0357	dly	04	CHN		ALE FSK8	125	1750	Chn army 288 net. Callsigns: 204, 571, 578, 494, 334,
MRASZ	7077,0	1824	10	04	RUS	UiMUX	J7D	1440		AT-3004D
MRASZ	7077,7	0810	08	04	RUS	REA4	F1B	50	1000	S9 +10!!!
MRASZ	7081,0	1623	07	04	Ui	UiCARR	A3E			A CARRIER MIXED WITH AN UKRAINEN AMATEUR WORKED IN A POLISH CONTEST. VERY BUSY FREQUENCY SO I WAS UNABLE TO DETERMINE WHOSE THIS CARRIER IS.
MRASZ	7091,0	1619	07	05	Ui	UiMUX	G7D			FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7092,0	1845	05	04	Ui		ALE FSK8	125	1750	TO 201
MRASZ	7093,0	1604	01	04	Ui	UiPTR	F1B			FAST REVERSALS
MRASZ	7093,0	1832	06	04	Ui		ALE FSK8	125	1750	TO 201
MRASZ	7093,0	1833	06	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7100,0	2345 0005 0036	dly	04	USA		ALE FSK8	125	1750	Us af. Stns were active: R26484 - TALDOPS, MEDOPS, COROPS, OKROKANMSs MOB1MSS
MRASZ	7105,0	1800	19	04	IRN	BC	A3E			IRANIAN BROADCAST STATION "RADIO FARDA" VERY STRONG SIGNAL CAUSING HEAVY QRM SPLATTER INTO HAM BAND. S9 +50 dB
MRASZ	14001,0	1455	07	04	Ui	UiCARR	N0N			CARRIER CONTINUOUSLY
MRASZ	14008,0	1126	22 27	04	RUS	UiPTR	FSK2	75	250	S9
MRASZ	14033,0	828	10	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	14038,5	1824	23	04	KRE	UiPTR	FSK2	600	600	North Korean embassy
MRASZ	14038,5	1828	26	04	KRE	UiPTR	FSK2	600	600	North Korean embassy
MRASZ	14103,0	1209	09	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	0956	01	04	I	PACTOR-III	G7D			ITALIAN USER
										PANTHER-H
MRASZ	14109,0	1127	10	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	14111,0	1126	10	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	14118,0	1104	10	04	KRE	UiPTR	FSK2	600	600	North Korean embassy
MRASZ	14120,0	0740	17	04	REA4		F1B	50	250	s7 fast revs
MRASZ	14125,0	1112	10	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	14160,0	1134	22	04	RUS	UiMUX	J7D	1440		AT-3004D
MRASZ	14184,0	0801	10	04	REA4	OTHR	F1B	50	250	s7
MRASZ	14226,0	0708	17	04	RUS	UiMUX	J7D	1440		AT-3004D
MRASZ	14248,5	1130	10	04	KRE	UiPTR	FSK2	600	600	North Korean embassy
MRASZ	14304,0	0738	17	04	UKR	UiPTR	FSK2	75	250	s9 +20 dB
MRASZ	14314,0	0646	27	04	Ui	UiMUX	G7D			unid burst modem
MRASZ	14343,0	1015	11	04	CyP	OTHR	P0N			
MRASZ	18092,0	0908	10	04	Ui	UiCARR	N0N			
MRASZ	18095,0	0832	10	04	Ui	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	18154,7	0902	10	04	Ui	UiCARR	N0N			
MRASZ	21244,0	1512	07	04	Ui	Ui	Ui			PINK NOISE LIKE SPECTRUM, HAVING 30 kHz BANDWIDTH

### OEVSV – Austria – OE3DMA (Alex)

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

Society	kHz	TIME	DD	MM	ITU	IDENT	MODE	REMARKS
RSGB	18160.0	24	DLY	04	CHN	JAM	A3	Chinese jammer, QTE 64 deg. Assumed to be against Sound of Hope BC stn. Baldock informed, complaint to be sent.

### SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7010,0	0910	11	4		UiMUX	F7			
SRAL	7012,0	1730	16	4		UiVFT	F1B		250	
SRAL	7014,0	1815-1900	16	4		UiTone	A2A			200 Hz tone 3 kHz wide
SRAL	7016,0	0600-0700	7	4		UiVFT	F1B		250	
SRAL	7016,0	0300-0400	18	4		UiVFT	F1B		250	
SRAL	7016,0	0400-0430	19	4		UiVFT	F1B		250	
SRAL	7018,0	1300-1650	3, 12	4		UiMUX	F7			

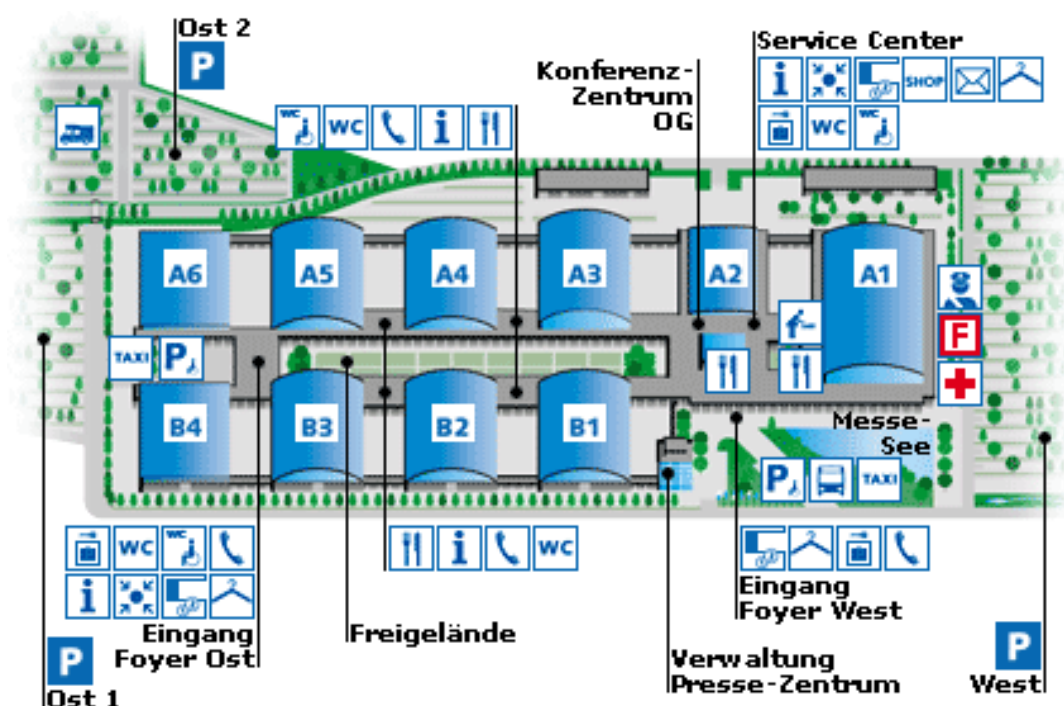
Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7019,5	1310	2	4		UiVFT	F1B		250	
SRAL	7026,0	0400-0700	3, 18	4		UiMUX	F7			
SRAL	7030,0	1330-1930	25	4		UiVFT	F1B		250	
SRAL	7036,0	1800-1830	12, 17	4		UiVFT	F1B		500	
SRAL	7038,7	h24	3-6	4	UKR	D	A1A			Sevastopol
SRAL	7038,9	h24	3-22	4	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	4	RUS	C	A1A			Moscow
SRAL	7041,0	1030-1930	*	4	RUS	SW9L, TBYI	A1A			5 days, active around h+30
SRAL	7042,0	1310	18	4		UiMUX	F7			
SRAL	7048,0	0330	22	4		RZTK	A1A			
SRAL	7054,0	0500-0700	20-30	4	RUS	UiVFT	F1B		250	
SRAL	7054,0	1700-1900	20-30	4	RUS	UiVFT	F1B		250	
SRAL	7060,0	1640	27	4		UiMUX	F7			
SRAL	7062,3	1635	27	4	CHN	L9CC	A1A			Calls CP17
SRAL	7077,7	0645	13	4		UiVFT	F1B/A		1000	
SRAL	7080,0	07730-0900	5, 6	4		UiVFT	F1B		200	
SRAL	7099,0	1720	13	4		UiMR	A1A			MR 4F
SRAL	7100,0	1800-2100	dly	4	KRE	Voice of Korea	A3E			carrier on at 1755
SRAL	7100,0	*	dly	4	ERI	VoBME	A3E			0350 to 0600 & 1500 to 1803

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

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	3510,0	18.40	25	4		201	A1A		5F (ending) 787 32 000)
VERON	7024,4	06.25	13	4		UiCW	A1A		5BL
VERON	7038,6	05.19	30	4	RUS	P	A1A		beacon
VERON	7038,7	06.03	**	4	UKR	D	A1A		17.48 utc, 3 days, beacon
VERON	7038,9	DLY	**	4	RUS	C	A1A		beacon, 18 days
VERON	7038,9	05.40	**	4	RUS	S	A1A		18.44 utc, 19 days, beacon
VERON	7039,8	17.39	21	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7041,0	17.29	**	4	CIS	SW9L	A1A		20.02 utc, 2 days, to HWQY MFBF 5BL
VERON	7041,0	15.15	1	4	CIS	UiCW	A1A		5BL
VERON	7041,0	13.31	3	4	CIS	SW9L	A1A		to WGVP,ZWMC, FNH3, Proc's
VERON	7041,0	17.16	12	4	CIS	B1H5	A1A		5B Proc's
VERON	7041,0	20.09	20	4	CIS	B1H5	A1A		to CAYD PTTO AQVV LMCQ N5JY
VERON	7041,0	20.10	23	4	CIS	TBYI	A1A		to J23F, GNBV, calls
VERON	7041,0	16.34	24	4	CIS	TBYI	A1A		to J23F, GNBV, calls
VERON	7041,0	19.15	29	4	CIS	UiCW	A1A		5BL
VERON	7041,0	17.09	2	4	CIS	SW9L	A1A		Q-codes 5BL (to: WGVP)
VERON	7042,6	18.32	26	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7042,9	16.20	26	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7048,0	06.49	28	4	CIS	UiCW	A1A		5BL
VERON	7050,0	17.38	**	4	CIS	UiCW	A1A		17.42 utc, 2 days, 5BL
VERON	7050,0	17.59	16	4	CIS	3BYC	A1A		5BL
VERON	7054,0	05.37	**	4	CIS	UiPtr	F1B	250	19.00 utc, Ptr, 4 days
VERON	7054,0	17.42	21	4	CIS	UiPtr	F1B	250	Revs
VERON	7054,0	18.31	26	4	CIS	UiPtr	F1B	250	Ptr
VERON	7057,5	05.44	**	4	CIS	1OA8	A1A		05.44 utc, 2 days, Proc's
VERON	7057,5	17.22	9	4	CIS	KI4C	A1A		5F
VERON	7059,1	16.25	23	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7059,8	17.44	4	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	7065,1	18.37	20	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7065,3	15.22	11	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7065,4	19.04	29	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7065,6	18.33	18	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7066,0	06.17	13	4		UiCW	A1A		4F
VERON	7066,0	07.59	13	4	CIS	N7ED	A1A		Proc (traffic)
VERON	7066,0	08.16	13	4	CIS	N7ED	A1A		XXX VYOM CFMO KIBY AEROPORT etc
VERON	7066,0	05.23	27	4	CIS	VEKA	A1A		Z- and Q-codes
VERON	7066,1	14.40	1	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7067,2	16.15	15	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7067,6	18.07	19	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7068,8	17.43	13	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7073,4	16.40	10	4	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7077,4	05.22	30	4	RUS	P	A1A		beacon
VERON	7078,0	05.29	**	4	CIS	UiPtr	F1B	1000	06.10 utc, 2 days, Revs
VERON	10124,0	05.45	26	4	CIS	UiPtr	F1B	250	18.52 utc, 27/4 Ptr (typical CIS)
VERON	14000,0	09.33	25	4	ISR	4XZ	A1A		VVV de 4XZ (roundslip) 5L
VERON	14000,0	10.06	9	4	RUS	UiMUX	J7D		12 tone system MS-5
VERON	14000,0	19.39	10	4		UiMUX	XXX		rushing noise 3 KHz wide
VERON	14000,3	19.01	12	4		UiCAR	NON		carrier 599+ also 13/4 16.05 utc
VERON	14008,0	09.40	**	4	CIS	UiPtr	F1B		09.53 utc, 2 days, Carrier/Ptr
VERON	14014,0	08.24	10	4		UiPtr	F1B	250	Ptr
VERON	14015,0	10.06	9	4	RUS	UiMUX	J7D		12 tone system MS-5
VERON	14025,0	12.08	3	4	RUS	UiMUX	J7D		12 tone system MS-5
VERON	14028,0	08.26	**	4	CIS	UiPtr	F1B	250	12.30 utc, 2 days, Ptr
VERON	14092,0	09.51	17	4	RUS	YDI7	A1A		xxx YDJ7 59883 polupxanyj 7004 0921
VERON	14092,0	08.36	18	4	RUS	B5JO	A1A		xxx B5JO 16176 LAMZAK 8256 4059
VERON	14092,0	08.55	18	4	RUS	W2V8	A1A		xxx W2V8 78537 KIMRIT 6615 timejka
VERON	14092,0	09.06	18	4	RUS	W2V8	A1A		xxx W2V8 43161 semxanin 7169 2096
VERON	14092,0	06.37	24	4	RUS	RGT77	A1A		xxx RGT77 KFDP 73186 plastowka 7198
VERON	14092,0	06.41	24	4	RUS	WEGI	A1A		xxx WEGI 79974 pobeguchka 7152 0450
VERON	14092,0	09.35	25	4	RUS	RGT77	A1A		xxx KLFJ 39330 DOLGOWOJ 5013 1304
VERON	14092,0	09.40	25	4	RUS	RGT77	A1A		xxx H2TM TDOE 49928 70760 KIOSK
VERON	14092,0	09.43	25	4	RUS	RGT77	A1A		xxx RGT77 10281 SEMENOWOD 2810
VERON	14092,0	09.55	25	4	RUS	RGT77	A1A		xxx 9TEP 64025 POLOVENNYJ 0744 7224
VERON	14092,0	09.51	25	4	RUS	RGT77	A1A		xxx H2TM 12272 BROMFENOL 7004 7321
VERON	14104,0	08.58	24	4		UiPtr	F1B	250	Ptr
VERON	14112,0	10.10	9	4	RUS	UiMUX	J7D		12 tone system MS-5
VERON	14120,0	08.00	**	4		UiPtr	F1B	250	09.32 UTC, 3 days, Ptr
VERON	14120,0	09.21	7	4	RUS	UiMUX	J7D		12 tone system MS-5
VERON	14184,0	08.17	10	4	CIS	UiPtr	F1B	250	Ptr
VERON	14190,0	12.41	5	4	G/Cyp	OHTR	PON		radar-pulses, wide
VERON	14248,7	10.50	28	4		UiPtr	F1B		Sitor A/ARQ 625
VERON	14250,0	12.29	4	4	RUS	UiMUX	J7D		12 tone system AT3004D
VERON	14255,0	12.07	3	4	RUS	UiMUX	J7D		12 tone system AT3004D
VERON	14264,0	09.19	7	4	RUS	UiMUX	J7D		12 tone system AT3004D
VERON	<b>18160,0</b>	<b>11.12</b>	<b>22</b>	<b>4</b>	<b>CHN</b>	<b>UiBC</b>	<b>A3E</b>		<b>Chinese jamming station PRC</b>
VERON	21102,0	12.34	4	4	G/Cyp	OHTR	PON		radar-pulses, wide

## Overview map of the Hamradio 2007



## 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 and Soundfiles are available on:  
<http://www.iarums-r1.org>

## The monitoring team of IARU Region 1

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