



Monitoring System

- IARUMS Region 1 -

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The monthly newsletter for Region 1

May 2007

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Acknowledgements

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++ 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 during the whole month

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. In the meantime both intruders went up to 18180. We hope, that they will stay there.

2. Chinese MIL PRC4+4 parallel modem

These systems were found on 14089.282 and 14265.270 kHz. Parameters: 8 x 74.5 Bd QPSK (traffic) 8 x 75 Bd QPSK in idle condition

3. 28000 – 29700 CIS taxi cabs

CIS taxi cabs are audible again in FM. Most of them seem to transmit from Ukraine and Belorussia. They are not regarding any HAM traffic as usual. You can hear the base station operated by a woman and the husband in the taxi. Sometimes you can hear the telephone dial tones, too.

4. Mysterious FSK on 28245.800

If the band is open to South West Europe, you can find a mysterious lasting FSK on 28245.800 kHz. The shift is 285 Hz, the tone durations of the mark and space tones are 490 ms. The location could be the area of Barcelona (earlier bearings). An ident is not transmitted. Look under **Soundfiles** on our Homepage!

5. Hamradio 2007

The German Intruderwatch Meeting will happen on June 23th, 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. 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

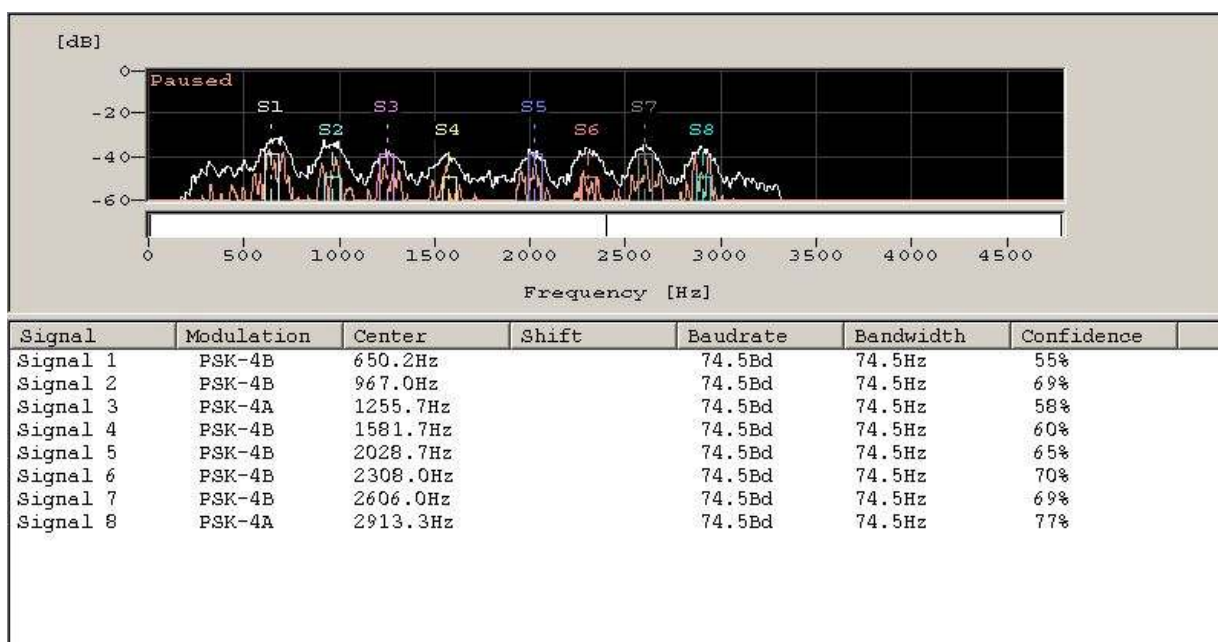
During May we could find many illegal fishery buoys between 28000 and 28500 kHz in CW. The locations were South Atlantic and the whole Mediterranean Sea. Please look on our Homepage at the left side!

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>

PRC4+4 – Chinese parallel modem – 8 x 74.5 Bd QPSK in traffic condition on 14089.3 kHz – analyzed by the Wavecom Classifier



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	3560.0	0345 0530	25	5	Ind. Oc?	UiPHONE	J3Eu	Two men, Japanese? Fishing fleet?
ARSK	6999.0	vt	dly	5	ETH?	UiPHONE	J3Eu	Amharic. Spreads into band.
ARSK	6999.0	0515	21	5	KEN? TZA?	08, 20, 22, 24,30..	J3Eu	KiSwahili, English, message traffic, possibly air movements, Nairobi to Zimbabwe heard may bne kenya Military? Callsigns 23,24. Spreads into 40 meter band.
ARSK	7000.0	vt	dly	5	SOM	Boccaro, Galkayu	J3Eu	Somalis. Phone patching.
ARSK	7006.0	vt	11	5	ZAI	UiPHONE	J3E	Vernacular, French.
ARSK	7008.0	vt	dly	5	SDN	M7, M10, M18, M125, 21, 35, others	J3E	English, vernaculars, verbal Morse.Selcal. SPLA.
ARSK	7012.0	vt	dly	5	SOM	Kismayu, Afmadu, Dobleh	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni Mombasa mentioned frequently.
ARSK	7020.0	19	0545	5	ZAI	UiPHONE	J3Eu	French, KiSwahili.
ARSK	7022.0	vt	dly	5	SOM	Dobleh, others	J3Eu	Somalis.
ARSK	7026.0	vt	dly	5	SDN	Twiga, K1, K2, K3, JB, RS, V1, V2, P2, IF, CF,	J3Eu	English, NGO. Selcal. (Twiga = giraffe in KiSwahili.)
ARSK	7031.0	0600	2	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7035.0	0620	11	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7035.0	0603	2	5	SDN	UiPHONE	J3Eu	S. Sudan, verbal Morse. SPLA?
ARSK	7040.0	vt	dly	5	ETH	UiPHONE	J3Eu	Amharic.
ARSK	7045.0	0515	28	5	?	UiPHONE	J3Eu	Chinese? Possibly in Sudan or Indian Ocean..
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?	J3E J3Eu	Vernacular, Dholuo? English, phonetics. SelCal. Sudan, NGO, SPLA or SNLA? All day and into the night.
ARSK	7045.0	vt	dly	5	TZA	Mafia, Songea, Lindi, Kalungu, Korogwe, Kilwa, Sumbawanga, Korogwe	J3E J3Eu	Tanzania Electricity Supply Co. Severe interference from Sudanese intruders.
ARSK	7045.0	vt	dly	5	ZAI	Bukavu	J3Eu	KiSwahili, French.
ARSK	7046.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis. *16,19,
ARSK	7048.0	vt	dly	5	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	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7050.0	vt	dly	5	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	7052.0	0547	19	5	SOM	UiPHONE	J3Eu	Somalis.

H'd by	kHz	UTC	dd	mm	ITU	Identity	Mode	Details
ARSK	7057.0	0515	5	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7060.0	vt	dly	5	ZAI	UiPHONE	J3Eu	French, Kiswahili, vernacular.
ARSK	7061.0	vt	*	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	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	1350	5	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7075.0	vt	dly	5	SOM	Galkayu, Kismayu, Baidoa	J3E J3Eu	Somalis. SelCal, phonepatching.
ARSK	14028.0 14315.0	vt	dly	5	KEN	UiCAR	AiA?	Carrier, on 9 freqs. spread over the 20 m band, probably spurii, Ruaraka area . Under investigation. (Reported by 5Z4ES)
ARSK	14330.0	1500	15	5	?	Jamming?	A3E	Chinese music? Not identified.
ARSK	18160.0	vt	*	5	TWN CHN	Chinese BC and music jamming	A3A	"Sound of Hope" BC, Taiwan, jammed by mainland China (Hainan) "Fire Dragon". From 23/04/2007, 1st - 16th May. Moved to 18180.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3540,0	0500	dly	05	A3E	F	Amateurs not Pirate!	French lis amateurs, violating Band Plan of IARU
DARC	3543,0	0506	23	05	A3E	F	Amateurs not Pirate!	French lis amateurs, violating Band Plan of IARU
DARC	3557,0	2050	10	05	A3E	ISR	CIO2	female voice "Charlie-India-Oscar-Two", is Mossad, Israel
DARC	7000,0	0626	07	05	J3E-U	TUR	UiILL	male person in Turkish voice, connected with DPRK-FSK-600 same QRG?
DARC	7000,0	0758	15	05	J3E-U	MRC	UiILL	Moroccan fishery, Vernacular and French ("affirmative")
DARC	7000,0	vt	19	05	J3E-L	I	IZ5ILB	OP Pantaleo, Amateur traffic 1735 - 1745
DARC	7000,0	vt	19	05	J3E-L	I	IT9DTC	OP Giuseppe, Amateur traffic 1735 - 1745
DARC	7000,0	vt	28	05	J3E-L	I	I0JRJ	OP Franco, Lavinio, heard 0930 - 0943
DARC	7000,0	vt	28	05	J3E-L	I	I5TG	OP Mario (?), heard 0930 - 0943
DARC	7000,0	vt	28	05	J3E-L	I	Unid	OP Giacomo, heard 0930 - 0943
DARC	7000,0	vt	vd	05	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	7023,0	2147	11	05	J3E-U	E	UiILL	pirates in Spanish language
DARC	14000,0	1959	07	05	J3E-U	GRC	UiILL	pirates in Greek language, QTE 135 degs.
DARC	14000,0	1848	08	05	J3E-U	I	India-Zulu-Cinque	Italian pirates

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
							India-Oscar-Juliet	
DARC	14000,0	1629	11	05	J3E-U	(I?)	UiILL	unid pirates calling "Padova"
DARC	14000,0	0748	12	05	J3E-U		UiILL	pirates in Arabic voice
DARC	14000,0	1502	16	05	A3E	ISR	Juliet-Sierra-Romeo	female voice "Juliet-Sierra-Romeo", is Mossad, Israel
DARC	14000,0	vt	vd	05	J3E-U	B	UiILL	pirates from Brasil, male to female, heard 01 10 at 1703, 2024, 1925
DARC	14001,5	1055	09	05	J3E-U		UiILL	pirates located in Indian Ocean
DARC	14001,5	1025	17	05	J3E-U	S.As	UiILL	pirates in Hindi (?) voice
DARC	14006,3	1456	09	05	J3E-U		UiILL	male voices, QTE Tubingen 070 degs.
DARC	14022,0	0745	15	05	J3E-U	RUS	UiILL	Russian male traffic
DARC	14038,0	vt	vd	05	J3E-U	KOR	UiILL	Korean voice traffic, male persons, heard 05 09 at 1826, 1840, 1434, 2048
DARC	14092,7	vt	11	05	J3E-U	KOR	UiILL	2 male persons in Korean, one with strong eninge noise, heard 0714 - 0725
DARC	14100,0	0929	07	05	J9WWF	E	UiILL	Spanish fishery with voice scrambler "CRY-2001"
DARC	14100,0	1636	07	05	J9WWF		UiILL	scrambled voice with encoding signal (sounds like teleprinter)
DARC	14100,0	1915	17	05	J3E-U	E	UiILL	pirates in Spanish language
DARC	14100,0	1746	19	05	J9WWF	E	UiILL	Spanish fishery with voice scrambler "CRY-2001"
DARC	14104,5	1305	14	05	J3E-L	RUS	UiILL	male persons in Russian voice, LSB used!
DARC	14200,0	0824	08	05	J3E-U	E	UiILL	OP Marcos, Spanish voice with 2nd station, from 14250 after been asked for call sign
DARC	14250,0	0823	08	05	J3E-U	E	UiILL	OP Marcos, Spanish voice with 2nd station, to 14200 after been asked for call sign
DARC	14250,0	0755	24	05	J3E-U	KOR	UiILL	2 male persons in Korean
DARC	14274,6	0454	11	05	J3E-U	F.Ea	UiILL	2 male persons, possibly Hindi voice, no hams!
DARC	14275,0	0610	10	05	J3E-U	TCD	TT8PL	Opress?, B.P. 87, Sarh, Tchad - Freres Maristes, Mission Catholique de Koumra, save@intnet.td Tel. 00235 6814 12 - has no idea abt ham radio
DARC	14300,0	1840	15	05	J3E-U	I	UiILL	Italian padres and nuns, Italy with Africa
DARC	14300,0	1840	15	05	J3E-U	Af	UiILL	Italian padres and nuns, Italy with Africa
DARC	14310,0	vt	16	05	J3E-U	E	Spanish Couple	male to female in Spanish, will only tell me her call sign when I tell her my call sign - heard 0753 - 0802
DARC	14325,0	0756	24	05	J3E-U	E	UiILL	2 male persons in Galician (Spanish) voice, "cambio" when changing microphone
DARC	14325,0	2000	dly	05	J3E-U	S	UiILL	illegal traffic: lis hams with unlis yachts from Sweden
DARC	14325,0	2000	dly	05	J3E-U	DNK	UiILL	illegal traffic: lis hams with unlis yachts from Denmark
DARC	14330,0	vt	03	05	J3E-U	E	Spanish Couple	only male person audible, says he and his wife have got a license - will meet agn in the afternoon - heard 0752 - 0808
DARC	14340,0	1747	10	05	J3E-U	E	UiILL	male to female in Spanish, from 14350
DARC	14340,0	1720	19	05	J3E-U	CME	TJ5PG	OP Marco, northern Cameroon,

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
								with Luigi, IZ2???
DARC	14350,0	vt	vd	05	J3E-U	E	UiILL	family traffic in Spanish voice, male to female - heard 07 10 at 1925, 1739, 1959
DARC	18070,0	vt	14	05	J3E-U		UiILL	2 male persons in Spanish or Portuguese language, no hams!
DARC	20998,5	1544	01	05	J3E-U	ARG	UiILL	Spanish language traffic, splattering into ham band
DARC	21000,0	1433	08	05	J3E-U	E	UiILL	Spanish fishery, mentioning "barco" (= ship)
DARC	21002,0	1400	15	05	J3E-U	F.Ea	UiILL	pirate, QTE South Germany 110 degs.
DARC	28000,0	h24	dly	05	F3E / A3E	RUS / CIS	UiILL	28000 - 29700: taxi business from RUS / CIS
DARC	28005,0	1918	23	05	J3E-U	E	UiILL	CB-ers in Spanish voice
DARC	28014,0	2007	24	05	J3E-U	B	UiILL	CB-ers in Portuguese voice
DARC	28015,0	0810	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28015,0	1010	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28035,0	1028	28	05	A3E	E	UiILL	male to female in Spanish voice
DARC	28055,0	1025	28	05	A3E	E	Galapagos	male to female in Spanish, "cambi" when changing microphone
DARC	28055,0	1132	28	05	A3E	E	UiILL	2 male persons in Spanish voice
DARC	28055,0	1402	28	05	A3E	E	UiILL	large net in Spanish voice
DARC	28065,0	1010	29	05	A3E	E	UiILL	male to female in Spanish
DARC	28075,0	1013	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28085,0	1242	08	05	A3E	F	UiILL	CB-ers from France
DARC	28085,0	0905	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28085,0	0804	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28086,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28100,0	1014	20	05	F3E / A3E	RUS / CIS	UiILL	CIS taxis, AM and FM used
DARC	28105,0	1635	02	05	A3E	I	UiILL	Italian fishery, located nr Sicily Island
DARC	28105,0	0913	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28105,0	0916	26	05	F3E	TUR	UiILL	gas delivery, Turkish voice
DARC	28105,0	1407	28	05	A3E	E	UiILL	large net in Spanish voice, one stn is from Canary Islands
DARC	28105,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28125,0	0913	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28135,0	1407	28	05	A3E	E	UiILL	large net in Spanish voice
DARC	28135,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28145,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28165,0	0913	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28165,0	1401	28	05	A3E	E	UiILL	2 male persons in Spanish voice
DARC	28175,0	0804	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28205,0	1020	28	05	A3E	E	UiILL	2 Spanish male persons
DARC	28205,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28205,0	0745	29	05	J3E-L	E	UiILL	2 male persons in Galician or Portuguese voice, from 28215
DARC	28205,0	0809	29	05	A3E	E	UiILL	2 Spanish male persons, mentioning "barco" (= ship)
DARC	28205,0	1009	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28205,0	1013	29	05	J3E-L	E	UiILL	Spanish male person
DARC	28215,0	0739	29	05	J3E-L	E	UiILL	2 male persons in Galician or Portuguese language
DARC	28215,0	0805	29	05	J3E-L	E	UiILL	2 male persons in Galician or Portuguese voice, to 28205
DARC	28216,5	0905	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28225,0	0905	15	05	A3E	E	UiILL	male to female in Spanish
DARC	28225,0	1543	28	05	A3E	E	UiILL	Spanish male person
DARC	28225,0	1013	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28265,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28300,0	1637	17	05	J3E-U	B	UiILL	CB-ers from Brasil
DARC	28305,0	1641	28	05	A3E	F	UiILL	French male person

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	28305,0	0759	29	05	A3E	E	UiILL	2 Spanish male persons, "cambi" when changing microphone
DARC	28312,0	0735	29	05	A3E	E	UiILL	2 Spanish male persons, roger beep
DARC	28315,0	1405	28	05	A3E	E	UiILL	2 male persons in Spanish voice, "cambi" when changing microphone
DARC	28315,0	1602	28	05	J3E-U	I	UiILL	Italian female person, S9 signal, no amateurs!
DARC	28375,0	0803	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28395,0	0745	29	05	A3E	E	UiILL	2 Spanish male persons
DARC	28425,0	1503	09	05	A3E	E	UiILL	CB-ers from Spain
DARC	28875,0	1921	23	05	F3E	F	UiILL	French truckers or fishery bcos engine noise, hellos

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3542,0	1844	08	05	J7D	RUS	UiMUX	1440		12-tone AT-3004-D, is legal!
DARC	3543,0	0506	23	05	A3E	F	Amateurs			French Amateurs - just info
DARC	3545,0	1849	03	05	FSK8	LTA	UiMUX	125	1750	ALE, selcalls VR5, HA3, HA30 - is Lithuanian MIL - daily - is legal!
DARC	3550,0	0500 - 0900	dly	05	A3E	F	Amateurs			French Amateurs, disrespect of IARU Band Plan - just info to intruder watchers
DARC	3756,0	2045	30	05	A3E	UKR	Ui-XXX			UKR MIL channel marker "the pip"
DARC	7000,0	0620	07	05	FSK8	I	UiMUX	125	1750	ALE, selcalls 2013, 2049 - Italian Carabinieri, Rome - daily
DARC	7000,0	vt	vd	05	A3E	BLR	Radio Belarus			splatters or IM of Radio Belarus on 7105
DARC	7001,0	vt	vd	05	N0N	ARS	UiCAR			unid carrier, heard 21 22 at 1950, 0453 - location Saudi Arabia
DARC	7002,0	0809	20	05	F1B	RUS	UiPTR	81	126	unid printer
DARC	7008,0	0513	24	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	7010,0	0833	07	05	FSK8	MKD	UiMUX			ALE, selcalls CS0, SC002, RS0, is Macedonian MIL
DARC	7010,0	0937	07	05	G7B		UiMUX			frequency hopper
DARC	7014,0	1700	18	05	FSK8	NIG	MOI Nigeria	125	1750	ALE, selcalls 411, 411411 - is MOI Nigeria
DARC	7020,0	0849	08	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	7036,0	2028	22	05	G7B		UiMUX			frequency hopper
DARC	7038,6	1237	07	05	A1A	CZE	OK9EU			roundslip followed by carrier, not conform to bandplan of IARU
DARC	7038,7	1211	01	05	A1A	UKR	beacon D			located Sevastopol
DARC	7038,8	vt	vd	05	A1A	RUS	beacon P			located Kaliningrad, heard 03 29 at 2006, 1440
DARC	7038,9	2033	15	05	A1A	RUS	beacon S			beacon Murmansk, daily 1629 - 2033
DARC	7039,0	0850	01	05	A1A	RUS	beacon C			located Moscow, heard 01 02 07 at 0850 - 1237
DARC	7039,6	0851	01	05	A1A	I	IZ3DVW / BEACON			roundslip by Italian Radio Amateur, not conform to bandplan of IARU, sometimes harmful - heard

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
										01 07 18 at 0851, 1237, 0650
DARC	7042,7	2041	14	05	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7054,0	vt	dly	05	F1B	RUS	UiPTR Novgorod			printer located Novgorod, very harmful as S 9 ++ - heard all month 0500 - 0620, 1839 - 1841 - 31 reports all month
DARC	7060,5	2039	14	05	J7D	RUS	UiMUX	1440		12-tone AT-3004-D
DARC	7062,5	2036	15	05	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7064,0	2144	11	05	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7064,0	1935	30	05	F1B	RUS	UiPTR	50	200	unid printer located Kazan
DARC	7069,0	2146	12	05	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7070,0	2125	16	05	A3E	CHN	UiBC			location Hainan, CHN
DARC	7078,0	0454	16	05	F1B	RUS	UiPTR	81	1000	unid printer system 81
DARC	7090,0	vt	vd	05	A3E	ERI	Voice of the Broad Masses			tx-er heard 08 - 14 at 0605, 1356, 1600 - 1700 - has been on 7100 for years
DARC	7090,0	0455	16	05	G7B		UiMUX	2400		system STANAG-4285 - D8PSK - 2k4
DARC	7090,0	vt	vd	05	A3E	BLR	Radio Belarus			splatters of Radio Belarus on 7105 down till 7090
DARC	7100,0	1831	08	05	A3E	KOR	Radio Korea (North)			French px
DARC	7100,0	1629	19	05	A3E	ERI	Voice of the Broad Masses			typical px
DARC	7100,0	1620	30	05	A3E	ERI	Voice of the Broad Masses			typical mx
DARC	10102,6	1715	22	05	N0N	F.Ea	UiCAR			carrier heard
DARC	10112,0	0845	dly	05	G7B	TUR	UiMUX	2400		system STANAG-4285 - D8PSK - 2k4, is Turkish MIL, daily
DARC	10114,7	0622	dly	05	F1B	RUS	UiPTR	96	1000	printer, system CIS-14
DARC	10123,0	1930	30	05	F1B		UiPTR	100	500	unid printer
DARC	10125,0	vt	07	05	J3E-U		186/00			roundslip "one-eight-six-oblique-zero-zero", heard 1230 - 1235
DARC	10130,0	0452	04	05	G7B		UiMUX			frequency hopper
DARC	10148,0	1530	17	05	F1B		UiPTR	100	850	unid printer
DARC	10148,0	2137	19	05	F1B		UiPTR	100	850	unid printer
DARC	14000,0	vt	dly	05	FSK	EGY	UiMUX	300	820	Egyptian telemetry
DARC	14000,0	1515	07	05	P0N		UiOTH-Radar			unid OTH Radar, 58 pps, 8 kHz spread, QTE Siegbach 090 degs
DARC	14000,0	1526	07	05	N0N	CYP	UiCAR			carrier located Cyprus
DARC	14000,0	1528	07	05	G7B		UiMUX			frequency hopper
DARC	14000,0	1526	09	05	N0N		UiCAR			carrier
DARC	14000,0	0755	10	05	J7D		UiMUX			rushing noise
DARC	14000,0	1455	10	05	FSK8	USA	UiMUX			ALE, selcalls R22, T22 - is US MIL, daily
DARC	14000,0	1637	11	05	FSK8	POL	UiMUX			ALE, selcalls RAFAL, TOMEK - is Polish MIL, daily
DARC	14000,0	1502	16	05	A3E	ISR	Juliet Sierra Romeo			female synthetic voice, is Mossad Israel

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14001,0	vt	vd	05	N0N		UiCAR			unid carrier, heard 28 29 30 at 1230, 1737, 0504
DARC	14006,0	1603	29	05	G7B		UiMUX			frequency hopper
DARC	14008,0	0941	28	05	F1B	RUS	UiPTR	50	250	unid printer, location near Moscow
DARC	14026,0	0927	07	05	J7D	RUS	UiMUX	1440		12-tone AT-3004-D
DARC	14028,0	0811	15	05	F1B		UiPTR			unid printer
DARC	14030,0	1742	25	05	P0N	F.Ea	Ui OTH Radar			Far East radar, 50 pps
DARC	14035,0	1124	16	05	A3E		UiBC			IM?
DARC	14038,5	vt	dly	05	FSK	KRE	North Korean Emba Libya	600	600	DPRK-FSK-600 - is North Korean Embassy LBY - heard all month 1754 - 2004 - 30 reports
DARC	14051,8	0847	20	05	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14052,0	vt	vd	05	J7D	RUS	UiMUX			12-tone-system AT-3004-D, heard 04 06 at 1000, 1017
DARC	14070,0	1938	01	05	G7B		UiMUX			frequency hopper
DARC	14084,0	1103	31	05	F1B	RUS	UiPTR	100	250	unid printer
DARC	14084,7	1727	04	05	FSK8	CHN	UiMUX			system ALE, selcall "120" - is PRC-net, daily
DARC	14089,3	vt	vd	05	G7B	CHN	UiMUX			system PRC4+4, 8 x 75 Bd, QPSK - heard 20 22 27 at 08048, 0452, 0815
DARC	14091,0	1231	28	05	G7B	RUS	UiMUX			12-tone system ATJ004-D
DARC	14095,0	1932	14	05	G7B		UiMUX			frequency hopper
DARC	14103,0	0730	08	05	FSK8	CHN	UiMUX			system ALE, selcalls 132, 159 - is PRC net, daily
DARC	14104,0	vt	vd	05	F1B	RUS	UiPTR	81	250	unid printer heard 06 22 25 27 at 0821 - 1017
DARC	14108,0	0456	25	05	A1A	CIS	UiCW			encrypted letters, also Cyrillic
DARC	14115,0	1705	08	05	G7B		UiMUX			frequency hopper
DARC	14116,0	0853	18	05	F1B	RUS	UiPTR	75	250	printer located nr Moscow
DARC	14117,7	0850	20	05	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14120,0	1018	06	05	F1B	RUS	UiPTR	67,5	250	unid printer, idling
DARC	14120,0	vt	vd	05	F1B	RUS	UiPTR Moscow	81	250	unid printer located Moscow area, heard 07 18 19 25 26 at 0823 - 0931 - 5 reports
DARC	14121,0	1732	19	05	J7D	RUS	UiMUX			12-tone - AT-3004-D
DARC	14121,0	0741	23	05	J7D	RUS	UiMUX			12-tone - AT-3004-D
DARC	14122,0	0847	01	05	J7D	RUS	UiMUX			12-tone - AT-3004-D
DARC	14122,0	1828	19	05	J7D	RUS	UiMUX			12-tone - AT-3004-D
DARC	14160,0	1001	04	05	F1B	RUS	UiPTR	50	250	unid printer
DARC	14160,0	0941	28	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14162,0	0509	10	05	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14184,0	0804	09	05	F1B		UiPTR			unid printer
DARC	14186,0	0830	08	05	J7D	RUS	UiMUX			12-tone AT-3004-D
DARC	14186,0	0708	11	05	J7D	RUS	UiMUX			12-tone AT-3004-D, heard 0708 - 0736
DARC	14192,0	0654	10	05	F1B	RUS	RN Kalinin-grad			reversals, MIL printer, Russian Navy Kaliningrad, heard 06 10 16 19 30 at 0654, 0748, 1816
DARC	14204,0	0802	15	05	F1B		UiPTR			unid printer
DARC	14206,0	0748	16	05	J7D		UiMUX			audio tone buzzer
DARC	14206,0	0741	23	05	J7D		UiMUX			audio tone buzzer
DARC	14220,0	1631	15	05	A3E	RUS	Radio Rossiye			harmonic of 7110
DARC	14232,0	1306	14	05	F1B	RUS	UiPTR	75	250	unid printer
DARC	14238,0	0802	15	05	J7D		UiMUX			multiplex rushing noise

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14240,0	1933	04	05	A3E	RUS	Golos Rossiye			Voice of Russia, Ru px S9+10dB - is 2f of 7120
DARC	14240,0	1645	07	05	A3E	RUS	Radio Rossiye			harmonic of 7120 kHz, S9-signal
DARC	14240,0	1422	17	05	A3E	RUS	UiBC			harmonic from 7120
DARC	14240,0	0855	18	05	F1B	RUS	UiPTR	81	250	unid printer system 81
DARC	14240,0	vt	18	05	F1B		UiPTR			unid printer heard 0900 - 1020
DARC	14240,0	vt	vd	05	A3E	RUS	Radio Rossiye			harmonic from 7120, heard 03 08 at 1419 - 1817
DARC	14242,0	vt	11	05	J7D		UiMUX			rushing noise heard 0708 - 0726
DARC	14250,0	0605	09	05	A3E	ROU	Radio Romania Intl.			Ge px, 2f de 7125
DARC	14250,0	1620	31	05	A3E		UiBC			harmonic?
DARC	14251,0	0735	08	05	F1B	RUS	UiPTR	75	500	unid printer
DARC	14263,0	0723	04	05	F1B		UiPTR			unid printer
DARC	14265,3	0840	27	05	G7B	CHN	UiMUX	75	2550	PRC4+4, 8 x 75 Bd, QPSK
DARC	14268,0	1425	09	05	FSK8		UiMUX			ALE heard
DARC	14320,0	1820	01	05	A3E	ROU	Radio Romania Intl.			harmonic from 7160
DARC	14320,0	0900	18	05	F1B		UiPTR			unid printer
DARC	14321,2	1235	29	05	A1A	RUS	KUICW			encrypted msg, also Cyrillic
DARC	14325,0	vt	vd	05	G7B	CHN	UiMUX			PRC 16 - tone PSK modem, heard 08 - 12 at 0738 - 1004 - 5 reports
DARC	14332,0	1020	06	05	F1B	RUS	UiPTR	81	250	unid printer
DARC	14332,0	0802	15	05	F1B		UiPTR			unid printer
DARC	14333,0	0909	01	05	J7D		UiMUX			multiplex rushing noise
DARC	14338,0	0737	08	05	G7B		UiMUX			frequency hopper
DARC	14350,0	1928	14	05	A3E	ROU	Radio Romania			harmonic from 7175
DARC	14350,0	1730	19	05	A3E	ROU	Radio Romania			harmonic from 7175
DARC	18099,0	1927	19	05	G7B		UiMUX			frequency hopper
DARC	18100,0	1721	17	05	G7B		UiMUX			frequency hopper
DARC	18160,0	vt	dly	05	A3E	TWN	Sound of Hope			heard 01 - 27 except for 17, 0459 - 1800, only audible in 5 minutes breaks of "Firedragon Jammer" from full hour to full hour plus 5 minutes
DARC	18160,0	vt	dly	05	A3E	CHN	Fire-dragon Jammer			heard 01 - 27 except for 17, 0459 - 1800, 5 minutes break from full hour to full hour plus 5 minutes
DARC	18160,0	vt	vd	05	A3E	CHN	Fire-dragon Jammer			heard H24. Same jammer also heard // on: 7185, 7365, 9200, 9370, 9680, 9930, 10300, 11540, 11750, 11765, 11795, 13970, 15530
DARC	21001,0	vt	vd	05	N0N	ARS	UiCAR			carrier heard 21 22 23 at 1528, 1020, 1460 - location Saudi Arabia
DARC	21009,0	1459	08	05	G7B		UiMUX			frequency hopper
DARC	21071,0	1239	08	05	G7B		UiMUX			frequency hopper
DARC	21135,0	0850	13	05	FSK8	IRQ	UiMUX			system ALE, selcalls 2DIVIA, 3BDE2IA - is Iraq MOD - daily

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	21135,0	1007	13	05	P0N	G / CYP	British OTH-Radar Cyprus			chirping pulses 30 kHz spread, 50-Hz-system (= 50 pps)
DARC	21135,2	1319	dly	05	FSK8	IRQ	UiMUX	125	1750	ALE, selcalls 6404, 6041 - is Iraqi MIL Mossul
DARC	21146,8	1555	09	05	A1A	I	IZ3DVW / BEACON			roundslip by Italian Radio Amateur, not conform to bandplan of IARU, sometimes harmful
DARC	21146,8	1610	29	05	A1A	I	IZ3DVW / BEACON			roundslip by Italian Radio Amateur, not conform to bandplan of IARU, sometimes harmful
DARC	21200,0	1108	02	05	P0N	G / CYP	British OTH-Radar Cyprus			25 pps-System, located Akrotiri, Cyprus Island
DARC	21258,0	1015	06	05	FSK8		UiMUX			ALE, selcall "5201"
DARC	21400,0	1630	02	05	P0N	G / CYP	British OTH-Radar Cyprus			25 pps-System, located Akrotiri, Cyprus Island
DARC	28015,5	0902	15	05	A1A		BW			fishnet buoy
DARC	28025,8	0857	15	05	A1A		HW			fishnet buoy
DARC	28041,0	0904	15	05	A1A		WF			fishnet buoy
DARC	28245,8	1242	02	05	F1B	E	UiPTR		270	slow reversals 270 Hz shift, located Barcelona area
DARC	28245,8	1622	14	05	F1B	E	UiPTR		285	2 tone system, reversals, tone length 490 ms
DARC	28245,8	1117	28	05	F1B	E	UiPTR			reversals
DARC	28436,0	0912	15	05	A1A		HW			fishnet buoy
DARC	29685,0	1849	24	05	G7B	I	UiMUX			Italian MIL VFT, located near Brescia
DARC	29699,5	1849	24	05	G7B	I	UiMUX			Italian MIL VFT, located near Brescia

USKA – Switzerland – HB9CET (Peter)

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
14190.0	0600-0700	04	05	RUS		FSK	50		CIS50-50
14317.5	1045	10	05	RUS		A1A			5 letter groups
18160.0	1300	12	05	CHN TWN	SOH	A3A			Chinese (nw qsy 18180)
18110.0	1308	12	05			J3E usb			arabic voice
28245.8	1500	22	05	E		F1B			230° from HB9 – daily audible
28365.0	0915-0932	28	05	I		J3E usb			3 italian male persons , CB-like traffic
28215.0	1448-1454	29	05	I		J3E lsb			italian persons, roger beep

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	1730	03	5	UI	UiMUX	G7D	2400		FREQUENCY HOPPING TRANSMISSION, RACAL PANTHER-H
MRASZ	7000,0	1730	03	5	UI	UiMUX	FSK2	2400		FREQUENCY HOPPING
MRASZ	7000,0	1918	04	05			G7D			
MRASZ	7000,0	0350	dly	05	Ui	ALE	FSK8	125	1750	ITALIAN CARABINIERI TRAFFIC ALL DAY LONG: 2112 2010 2609 2511 2091 2087 and unid:ESD, ROW, STA2, STA1
MRASZ	7003,0	0635	19	05	USA	ALE	FSK8	125	1750	AMERICAN AIR FORCES central stn sounds every 30 minutes waits for incoming calls.
MRASZ	7003,0	1348	19	05	USA	ALE	FSK8	125	1750	AMERICAN AIR FORCES central stn sounds every 30 minutes waits for incoming calls.
MRASZ	7003,0	1229	05	05	USA	ALE	FSK8	125	1750	AMERICAN AIR FORCES: T01147 R24406
MRASZ	7003,0	0-24	dly	05	USA	ALE	FSK8	125	1750	AMERICAN AIR FORCES: 147 R23448
MRASZ	7009,0	1837	20	05	ui	uimux.	G7D			no data, s6
MRASZ	7010,0	0712	16	05	Ui	UiMUX	G7D	2400		south Balkan
MRASZ	7014,0	2254	04	05	Ui	ALE	FSK8	125	1750	411411 411413
MRASZ	7014,0	1844	dly	05	Ui	ALE	FSK8	125	1750	411411 411412
MRASZ	7026,0	0403	04	05	Ui	ALE	FSK8	125	1750	288 204
MRASZ	7026,0	0023	04	05	Ui	ALE	FSK8	125	1750	diamondpromain diamoutpromai
MRASZ	7026,0	0-24	dly	05	Ui	ALE	FSK8	125	1750	314 417 diamonbpromain diamoutlpr0mai
MRASZ	7032,0	0812	dly	05	Ui	ALE	FSK8	125	1750	8061 8551 3551 3771
MRASZ	7039,0	1725	01	5	RUS	C	A1A			Beacon Moscow
MRASZ	7045,0	1506	04	05	Ui	ALE	FSK8	125	1750	MHE 8GS 1BR KBT 3BR
MRASZ	7045,0	0-24	dly	05	Ui	ALE	FSK8	125	1750	MHE 8CJ 2BR 8GS 1BR 3BR KBT
MRASZ	7054,0	1706	01	5	RUS	UiPTR	FSK2	50	250	
MRASZ	7054,0	1815	04	05	RUS	REA4	FSK2	50	250	s7 fast revs and telegram
MRASZ	7054,0	1920	20	05	RUS	REA4	FSK2	50	250	S9 +10 dB
MRASZ	7078,0	0712	16	05	RUS	UiPTR	FSK2	75	850	Fast reversals
MRASZ	7080,0	0052	03	5	Ui	ALE	FSK8	125	1750	5810 sounded
MRASZ	7090,0	0-24	dly	05	Ui	ALE	FSK8	125	1750	4047 4001
MRASZ	14008,0	0815	01	5	RUS	REA4	FSK2	50	250	s7 fast revs and telegram
MRASZ	14008,0	1000	17	05	RUS	REA4	FSK2	50	250	s7 fast revs and telegram
MRASZ	14025,0	1000	17	05	RUS	UiMUX	J7D	1440		AT-3004D S9
MRASZ	14038,0	0719	23	05	KRE	UiPTR	FSK2	600	600	North Korean embassy
MRASZ	14050,0	1010	16	05	RUS	UiMUX	J7D	1440		AT-3004D S9
MRASZ	14116,0	1010	16	05	RUS	UiMUX	J7D	1440		AT-3004D S9
MRASZ	14120,0	0710	01	5	RUS	UiMUX	J7D	1440		AT-3004D S9
MRASZ	14120,0	0815	01	5	RUS	UiPTR	FSK2	81	250	
MRASZ	14292,0	0950	05	05	RUS	UiPTR	FSK2	75	500	s5
MRASZ	18075,0	0800	01	5	CYP	OTHR	P0N			s9

OEVSV – Austria – OE3DMA (Alex)

RSGB - Great Britain – G4BOH (Chris)

SRAL – Finland – OH2BLU (Pekka)

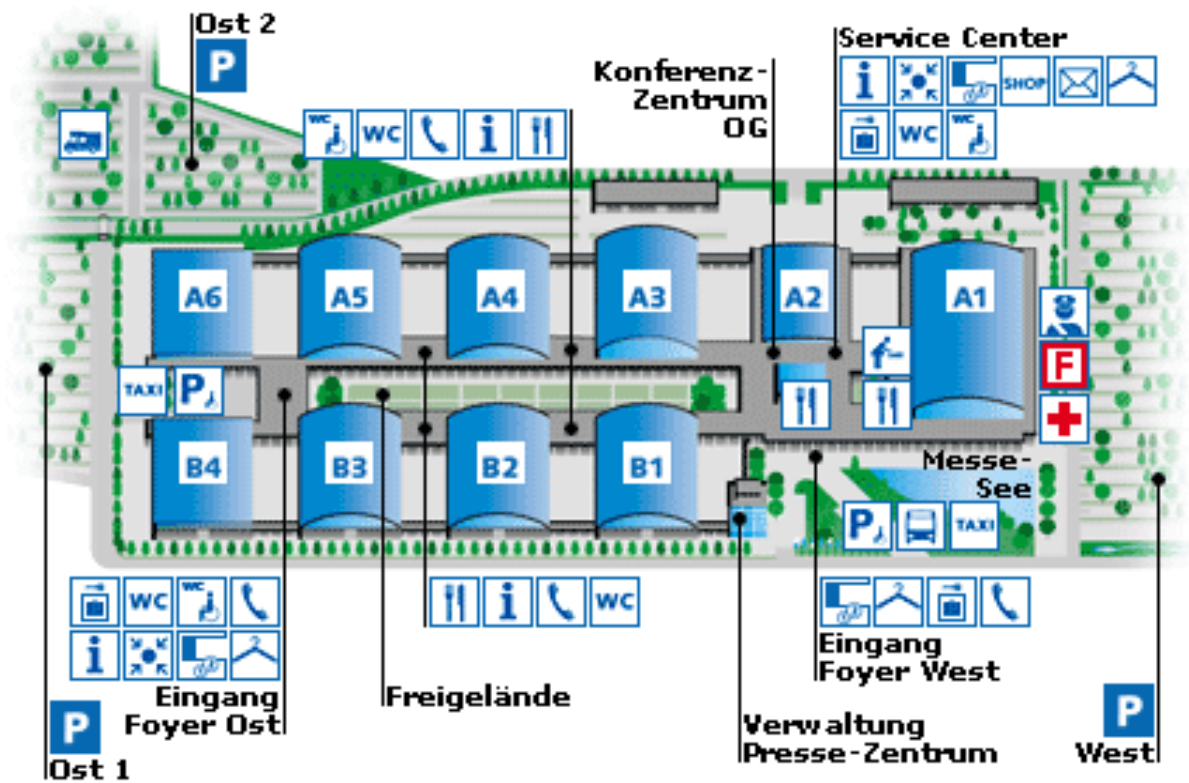
Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7008,0	1530-	31	5		UiPTR	F1B		250	continues to morning 1 st June
SRAL	7010,0	0400	6	5		UiPTR	F1B		250	
SRAL	7017,5	1700-2000	15	5		UiPTR	F1B		250	
SRAL	7020,0	1530-	31	5		UiPTR	F1B		250	continues to morning 1 st June
SRAL	7027,0	0700-0800	17	5		UiMUX	F7			
SRAL	7036,0	1800-1830	2	5		UiPTR	F1B		500	
SRAL	7038,8	0400-2000	2	5	RUS	P	A1A			Kaliningrad
SRAL	7038,9	h24	15-31	5	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	5	RUS	C	A1A			Moscow
SRAL	7039,0	0300-1830	27-28	5		V	A1A			roundslip: 'vvvvv k'
SRAL	7054,0	0500-0700	1-27	5	RUS	UiPTR	F1B		250	
SRAL	7054,0	1700-1900	1-27	5	RUS	UiPTR	F1B		250	
SRAL	7064,0	0300-2000	30-31	5	RUS	UiPTR	F1B		200	similar to 7054 kHz
SRAL	7076,0	0300-2000	22	5		UiPTR	F1B		250	
SRAL	7077,7	0300-2000	16-21	5		UiPTR	F1B/A		1000	
SRAL	7090,0	1600-1803	6-31	5	ERI	VoBME	A3E			moved from 7100 kHz, on 24th continues to 1830
SRAL	7094,0	0720	20	5		UiMR	A1A			MR 5BL
SRAL	7099,0	1605	6	5		UiMR	A1A			MR 5BL
SRAL	7099,0	1915	20	5		UiMR	A1A			MR 5BL
SRAL	7099,0	1750	22	5		UiMR	A1A			MR 5BL
SRAL	7100,0	1800-2100	dly	5	KRE	Voice of Korea	A3E			carrier on at 1755
SRAL	7100,0	*	1-12	5	ERI	VoBME	A3E			0350 to 0600 & 1500 to 1803
SRAL	14008,0	0600-0800	27	5		UiPTR	F1B		250	

Veron – Netherlands – Part 1- PA0GRU (Dick)

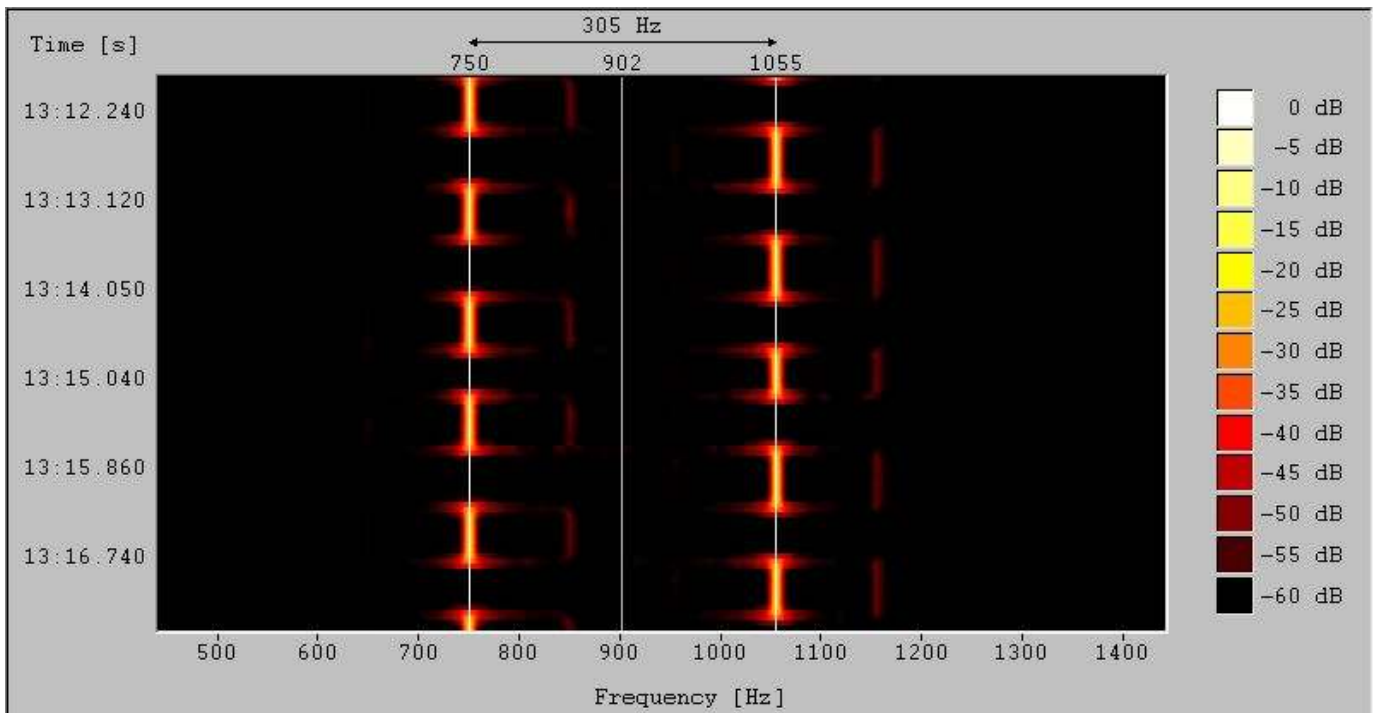
SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	7001,0	19.35	22	5		UiCAR	NON		Strong carrier
VERON	7005,0	17.45	7	5	CIS	UiCW	A1A		5BL (with bad keyclicks)
VERON	7038,8	05.16	**	5	RUS	P	A1A		4 days, beacon Kaliningrad
VERON	7038,9	H24	**	5	RUS	C	A1A		24 days, beacon Moscow
VERON	7038,9	05.16	**	5	RUS	S	A1A		17.02 utc, 4 days, beacon Murmansk
VERON	7054,0	05.18	**	5	CIS	UiPtr	F1B	250	17.02 utc, 7 days, Revs
VERON	7059,3	19.13	13	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7061,8	20.02	9	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7062,3	20.47	28	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7063,8	20.21	25	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)

SOC	kHz	UTC	DD	MM	ITU	IDENT	Mode	SH	DETAILS
VERON	7064,0	20.05	11	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7064,0	20.38	30	5	CIS	UiPtr	F1B	250	Revs/Ptr
VERON	7064,0	20.05	11	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7067,4	20.01	31	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7067,8	17.11	23	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7069,5	20.20	19	5	CHN	L99C	A1A		CP17 de L9CC V (roundslip)
VERON	7078,0	05.55	16	5	CIS	UiPtr	F1B	1000	Revs/Ptr
VERON	14008,0	07.21	17	5		UiPtr	F1B	250	Ptr
VERON	14014,0	06.40	11	5	CIS	UiPtr	F1B	250	Ptr
VERON	14025,0	10.12	17	5	RUS	UiMUX	J7D		12 tone system AT 3004-D
VERON	14087,0	07.06	17	5	RUS	UiMUX	J7D		12 tone system AT 3004-D
VERON	14100,0	20.30	31	5	E.Europe	UiIIL	J3E-u		Unknown E. European language, male
VERON	14104,0	09.10	22	5	CIS	UiPtr	F1B	250	Ptr
VERON	14108,0	09.13	16	5	CIS	LJ5K	A1A		pq9m pq9o de lj5k qtc 027 12 16-306 -5F
VERON	14108,0	07.03	16	5	CIS	LJ5K	A1A		to 2A2L: 5BL
VERON	14108,0	09.20	17	5	CIS	LJ5K	A1A		Proc's
VERON	14108,0	07.14	18	5	CIS	WFNX	A1A		to FWKA:ZRP ZSE ZHK QYT9 k Proc
VERON	14108,0	07.18	18	5	CIS	YHZT	A1A		to CMWY: QTC k/5BL
VERON	14108,0	07.14	19	5	CIS	LJ5K	A1A		to PQ9O: 5BL
VERON	14108,0	07.14	21	5	CIS	1XLH	A1A		to AKTE: 5BL
VERON	14108,0	05.44	23	5	CIS	LOSO	A1A		to G3YC: calls/proc
VERON	14108,0	05.45	23	5	CIS	LOSO	A1A		to 1XNS: proc
VERON	14108,0	05.47	23	5	CIS	LOSO	A1A		to XSLA: calls
VERON	14108,0	05.49	23	5	CIS	LOSO	A1A		to HKCE: calls
VERON	14108,0	08.01	14	5	CIS	LJ5K	A1A		Proc like QBE QYT 6 k
VERON	14108,0	08.07	14	5	CIS	YHZT	A1A		to L6FC: qtc zug k/ 5BL
VERON	14108,0	05.34	15	5	CIS	LJ5K	A1A		to AHAZ: proc, 5BL
VERON	14108,0	09.06	28	5	CIS	2XVA	A1A		to G3YC: calls/proc
VERON	14108,0	05.22	29	5	CIS	1XLH	A1A		to G3YH: ZRV ZRW ZUL ZKV QYT6 K
VERON	14108,0	07.10	30	5	CIS	LOSO	A1A		to SOPT: 5BL
VERON	14108,0	07.12	31	5	CIS	LOSO	A1A		to L5NM: 5BL
VERON	14108,0	07.19	31	5	CIS	LOSO	A1A		to XSLA: 5BL
VERON	14116,0	09.01	16	5	RUS	UiMUX	J7D		12 tone system AT 3004-D
VERON	14116,0	10.15	18	5		UiPtr	F1B	250	Ptr
VERON	14116,0	13.10	18	5	CIS	UiPtr	F1B		Revs/Ptr
VERON	14118,0	06.52	8	5	CIS	INCJ	A1A		Proc, 5BL
VERON	14118,0	06.20	12	5	CIS	OQJV	A1A		to XWC6: calls/proc
VERON	14118,0	06.24	12	5	CIS	OQJV	A1A		to WFNI: 5BL/proc
VERON	14120,0	13.19	16	5		UiPtr	F1B	250	Ptr
VERON	14120,0	10.15	18	5		UiPtr	F1B	250	Ptr, also 19/5 '08.57 utc
VERON	14120,0	09.20	**	5		UiPtr	F1B		13.10 utc, Ptr, 2 days
VERON	14160,0	08.30	28	5	CIS	UiPtr	F1B	250	Ptr
VERON	14184,0	09.05	16	5		UiPtr	F1B	250	Ptr
VERON	14184,0	07.13	16	5	CIS	UiPtr	F1B	250	Ptr
VERON	14186,0	06.53	11	5	RUS	UiMUX	J7D		12 tone system AT 3004-D
VERON	14192,0	07.21	16	5	RUS	UiPtr	F1B	500	09.05 utc, 2 days, Revs
VERON	14192,0	17.51	**	5	CIS	UiPtr	F1B		18.30 utc, Revs, 2 days
VERON	14192,0	07.10	16	5	CIS	UiPtr	F1B	500	Revs/Ptr
VERON	14238,0	09.30	24	5		UiPtr	F1B		Ptr
VERON	14242,0	06.45	11	5	RUS	UiMUX	J7D		12 tone system AT 3004-D
VERON	14262,0	08.30	28	5		UiCW	A1A		4F
VERON	14317,0	12.51	29	5	CIS	UiCW	A1A		5BL-4F kokf 927 41 29 1640 927 k
VERON	14339,0	09.12	6	5	E	UiIIL	J3E-u		Spanish, male voices
VERON	14350,0	20.37	31	5	E	UiIIL	J3E-u		Spanish,male/female voices
VERON	18160,0	H24	16	5	CHN TWN	Fire Dragon	A3E		Hainan jamming BC against BC Taiwan

Overview map of the Hamradio 2007



Mysterious FSK on 28245.800 kHz – no ident – location: Spain



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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