



Monitoring System

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The monthly newsletter for Region 1

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The members of the IARUMS Region 1 Monitoring Team:



Acknowledgements

++ ARI: DH7SA – Salvatore ++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ CAST: DL1BDF – Mustapha ++
++ EARA: SU1SA – Sayed ++ IRTS: EI4GXB - Ger ++ KARS: 9K2RR – Faisal ++ MARL: 9H1M – Dominic ++
++ MRASZ: HA7PL - Laci ++ NARS: 5N9AYM – Yusuf ++ OEVSU: OE3DMA – Alex ++ PZK: SP3SUZ – Wladyslaw ++
++ RAL: OD5MV – Raja ++ REP: CT4AN – Jose ++ RSGB: G4BOH - Chris ++ SARI: ZS1FCS - Fred ++
++ SRAL: OH2BLU - Pekka ++ UBA: ON4VJ Johny ++ URE: EA5DY - Salvador ++ USKA: HB9CET - Peter ++
++ VERON: PA0GRU - Dick ++ ZRS: S56ZDB – Darko ++ G3VZV – Graham (satellite intrusions) ++
++ VK3MV – Peter (Co-ordinator Region 3) ++ DF8FE – Martin (Webmaster assistance) ++ DL8AAM (ALE) ++
++ DJ7KG (BUOYS) ++ DF5SX (BC) ++ DARC (server support) ++ IARU Region 1 assistance ++ OD5TE (Hani)
++ PB2T – Hans (IARU R1 President) ++ G3PSM - Colin (EC-IARU-R1) ++ German PTT (BNetzA) ++

Part 1: News and infos

Part 2: Detailed reports of the national co-ordinators

Part 1: News and Infos

1. PA0GRU with new callsign

PA0GRU, Dick, VERON MS Coordinator, has a new callsign: **PA2GR**

2. IARUMS Region 2 – new Coordinator!

The new IARUMS Region 2 Coordinator is **TG9ADV**, Jorge del Valle. Jorge is welcomed to our worldwide Monitoring System.

3. DF5SX – 70 years old

DF5SX, Wolfgang, became 70 years old. Wolfgang is an excellent specialist for BC transmissions from all parts of the world. He is one of the most important members of the DARC Monitoring System. Congrats and good health, dear Wolfgang!



4. 18085.5 mysterious dots

The Intruder-Alert System was running hot: Mysterious dots on 18085.5 kHz. The source was found in USA: An amateur had connected the computer to his transceiver. He forgot, that the transceiver was on and transmitting series of dots. The transmission was heard worldwide.

5. Church divine service on 28265 kHz

The church divine service on 28265 kHz in FM in Ireland (Cam) was still active and well audible in Germany. The German PTT (BNetzA) has been informed. A complaint to COMREG (Ireland) has been filed.

6. 14295 – Harmonic from Radio Tajik

The 3rd harmonic from Radio Tajik on 4765 kHz is still disturbing 14295.140 kHz daily, all day. Earlier complaints of the German PTT were not regarded.

7. Spanish CB-traffic on 28 MHz

We found much Spanish CB-traffic on 28000 – 28305 in AM with roger beeps. We were not amused.

8. ITU Monitoring Reports

The [ITU Monitoring Reports](#) are always interesting, because our bands were observed, too.

You can get the reports here:

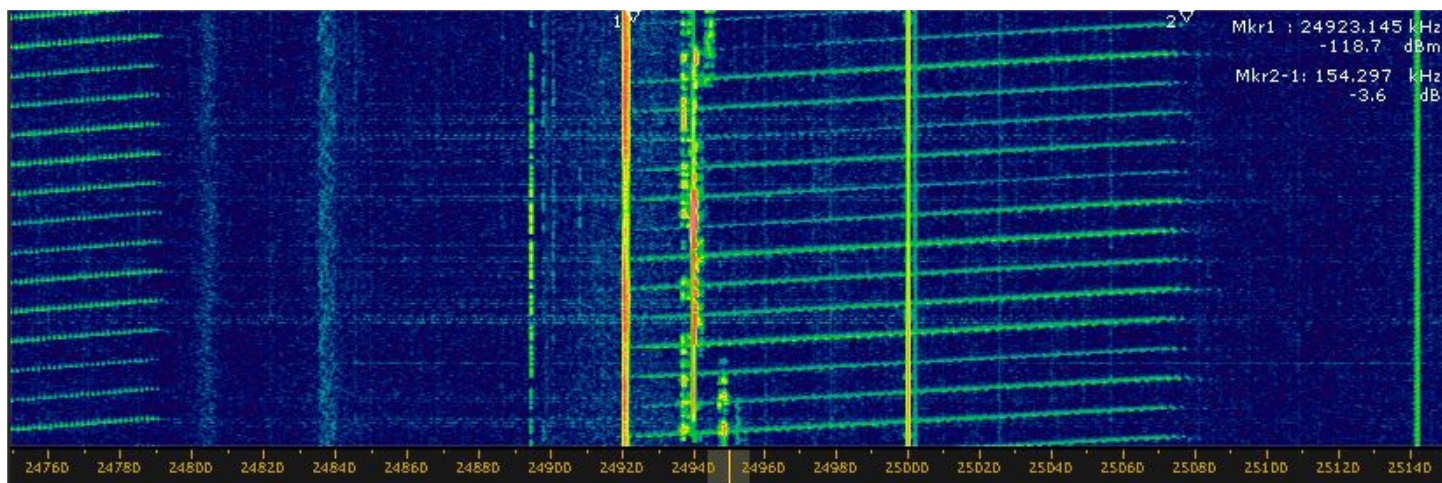
<http://www.itu.int/ITU-R/index.asp?category=terrestrial&link=terrestrial-monitoring&lang=en>

9. Codar on 24 MHz stopped

The Codar Ocean Wave Radar on 24920 – 25080 kHz stopped the transmissions. Many thanks to all involved PTTs and all involved Hams. The location was Venice. **Codar systems are threatening our bands worldwide.**

Screenshot below! soundfile: <http://www.iarums-r1.org/iarums/sound/codarhf.wav>

The carrier on 25000 kHz is an emission from Helsinki – time and frequency signal in AM!



24920

25080

10. Codar US West Coast on 24 MHz

Another disturbing Codar has been mentioned in our Intruder Logger:

01.08.2011-01:30 - **N6LN**: CODAR 24.93 to 25.058 MHz, loud, in Los Angeles

11. Homepage IARU Region 1

Homepage IARUMS Region 1

Homepage IARUMS Region 2

Homepage IARUMS Region 3

<http://www.iaru-r1.org/>

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

not available

<http://www.iaru-r3.org/ms/>

Part 2: Detailed reports from the national Co-ordinators

DD = day *** MM = month *** dly = daily *** vt = various times *** vd = various days *** BD = Baud *** SH = shift ***
 SP = spacing *** Mode = mode of transmission *** A3E = AM *** A1A = CW *** J3E-U = USB *** J3E-L = LSB *** FSK
 (F1B) = frequency shift keying *** PSK = phase shift keying *** MPSK12 (J7D) = 12 channel phase shift keying *** ALE
 (MIL-188-141A) = automatic link establishment *** MUX = multiplex *** Ui (unid) = unidentified *** Illicit = illegal ***
 UiILL = unidentified illegal *** BC = broadcast *** MIL = military *** PTR = printer *** NGO = non governmental
 organization *** ITU = ITU country abbreviation *** PRC = People's Republic of China *** PLA = People's Liberation
 Army *** MFA = Ministry of Foreign Affairs *** MOI = Ministry of Interior *** MOPO = Ministry of Public Order *** IARUMS
 = IARU Monitoring System *** UTC = Universal Time Coordinated *** pps = pulses per second (radar systems) ***
 sps = sweeps/sec (radar systems)

ARSK MONITORING OVERVIEW FOR JULY 2011

A Somali intruder was heard on 10 meters, 28.245 MHz. Otherwise most intruders were from DRC (or Francophone Central Africa) and little else was heard. Both Somalia and South Sudan were markedly quieter than in the past, but some stations are still there. Khartoum, Addis Ababa and Eritrea maintained their broadcasts in the range 7100 – 7200 kHz.

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	7000.0	0905	*	7	DRC	UiPHONE	J3E	French, vernacular. *5,7,8,
ARSK	7008.0	0914	*	7	SOM	UiPHONE	J3E	Somalis.*7,8,16,
ARSK	7009.0	0948	8	7	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7015.0	vt	*	7	DRC	UiPHONE	J3E	French, vernacular. *5,31.
ARSK	7020.0	1326	31	7	DRC	UiPHONE	J3Eu	French, vernacular.
ARSK	7025.0	0916	*	7	DRC	UiPHONE	J3DE	Vernacular. *7,8,
ARSK	7030.0	1106	14	7	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7035.0	1327	31	7	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7070.0	1330	31	7	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7061.8	1254	20	7	DRC	UiPHONE	J3E	Vernacular.
ARSK	7073.0	0916	7	7	SOM	UiPHONE		Somalis.
ARSK	7074.0	vt	*	7	SDN	UiPHONE	J3Eu	Vernacular. *16,
ARSK	7075.0	vt	*	7	DRC	UiPHONE	J3Eu	Vernacular.*7,18,
ARSK	7077.0	1257	20	7	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7085.0	0945	8	7	DRC?	UiPHONE	J3Eu	Vernacular.
ARSK	7091.0	1111	14	7	DRC?	UiPHONE	J3Eu	Vernacular.
ARSK	7110.0	vt	*	7	ERI?	UIBC	A3E	Broadcast. *1,
ARSK	7130.0	0350	8	7	ERI?	UIBC	A3E	Broadcast. *
ARSK	7175.0	vt	*	7	ERI?	UIBC	A3E	Broadcast.*8,
ARSK	7195.0	vt	dly	7	ETH?	UIBC	A3E	Broadcast.
ARSK	7200.0	vt	dly	7	SDN	Khartoum	A3E	Broadcast in Arabic, Khartoum.
ARSK	28245	1310	17	7	SOM	UiPHONE	J3E	Somali - one side only.

DARC 1 – Germany – DJ9KR (Ui)

BC transmissions, IM products, harmonics = blue

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
DARC	3500,0	vt	vd	07	E	UiILL	J3E-U			Spanish fishery heard 17 26 at 0810, 2008
DARC	3517,3	vt	vd	07	E	UiILL	J3E-L			Spanish fishery, heard 18 24 at 2030, 2021 - "barco" often mentioned
DARC	3535,0	0757	29	07	N.Eu	UiILL	J3E-U			Scandinavians
DARC	3545,0	1812	08	07	G	UiILL	J3E-U			UK fishery
DARC	3550,0	0520	07	07	F	French Lis Amateurs	A3E			French lis Amateurs, AM in CW section, no BC stations! - daily

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
DARC	3590,0	2030	11	07	E	UiILL	J3E-U			Spanish fishery
DARC	3594,2	2018	14	07	RUS	UiILL	J3E-U			male net in Russian voice
DARC	3600,0	1716	21	07	F	French Lis Amateurs	A3E			no BC but French Lis amateurs around F6HSB - just info!
DARC	6999,0	2024	29	07	POR	UiILL	J3E-U			male person in Portuguese voice, fishery, splattering up
DARC	6999,0	2005	31	07		UiILL	J3E-U			2 male persons in Scandinavian voice, engine noise in background
DARC	7000,0	2156	08	07	G	UiILL	J3E-U			UK fishery
DARC	7000,0	1637	14	07	E	UiILL	J3E-U			Spanish fishery
DARC	7000,0	1729	20	07	INS	UiILL	J3E-U			pirates
DARC	7000,0	1934	20	07		UiILL	J3E-U			pirates in Arabic voice
DARC	7000,0	vt	vd	07	I	UiILL	J3E-U			Italian pirates, heard 21 25 at 0647, 1549
DARC	7009,0	2050	18	07	RUS	V.of Russia	A3E			Ru px S9+5dB
DARC	7009,0	2018	30	07	RUS	V.of Russia	A3E			Russian px
DARC	7009,0	vt	dly	07	RUS	V.of Russia	A3E			is IM of 1089 x 5920 - 1089: "Yevangelskiye Chteniya" - 5920: Spanish and Portuguese program
DARC	7010,0	2122	05	07	RUS	UiMUX	PSK			AT-3004-D, location Kaliningrad
DARC	7020,0	0717	15	07		UiBC	A3E			weak signal
DARC	7038,2	h24	13	07	RUS	Beacon L	A1A			beacon St. Petersburg - moved to 7041,8!
DARC	7038,7	2104	13	07	UKR	beacon D	A1A			beacon Sevastopol
DARC	7038,8	2104	13	07	RUS	beacon P	A1A			beacon Kaliningrad
DARC	7039,0	2104	13	07	RUS	beacon C	A1A			beacon Moscow
DARC	7041,8	2018	30	07	RUS	beacon L	A1A			beacon St. Petersburg, moved from 7038,2
DARC	7054,0	0300	02	07	RUS	UiPTR	F1B			reversals and printer, chirpy signal
DARC	7054,0	0236	29	07	RUS	UiPTR	F1B			reversals, chirpy signal
DARC	7105,0	2045	04	07	TUN	RTV Tunisia	A3E			Ar px, is IM
DARC	7105,0	2104	13	07	TUN	RTV Tunisia	A3E			weak signal
DARC	7105,0	vt	17	07	CHN	R.China	A3E			Chinese px heard 2158 - 2204
DARC	7105,0	vt	17	07	TWN	Sound of Hope	A3E			Chinese px heard 2158 - 2204
DARC	7105,0	2051	21	07	GUI	R.Conakry	A3E			Vernacular and French voice
DARC	7105,0	2057	28	07	TUN	RTV Tunisia	A3E			Ar px found // 7225
DARC	7105,0	2018	30	07	TUN	RTV Tunisia	A3E			Ar px
DARC	7110,0	0516	09	07	ERI	UiBC	A3E			weak signal, possibly VOBME
DARC	7110,0	0515	31	07	ETH	ETH Govt. Jammer	JAM			white noise (WN) jammer
DARC	7110,0	vt	31	07	ERI	VOBME	A3E			heard 1752 - 1801 s/off, s/off with National Anthem
DARC	7112,0	2045	04	07	RUS	UiMUX	PSK2			mux S9+20dB, location north of Volgograd
DARC	7120,0	0520	18	07	ETH	ETH Govt. Jammer	JAM			white noise (WN) jammer
DARC	7125,0	2040	02	07	GUI	R.Conakry	A3E			Vernacular and French voice
DARC	7125,0	2122	05	07	GUI	R.Conakry	A3E			French px S9+20dB
DARC	7125,0	2036	06	07	GUI	R.Conakry	A3E			French px S9+20dB
DARC	7125,0	2104	09	07	GUI	R.Conakry	A3E			Vernacular and French voice
DARC	7125,0	2144	10	07	GUI	R.Conakry	A3E			S9+10dB-signal
DARC	7125,0	2158	17	07	GUI	R.Conakry	A3E			French px
DARC	7125,0	2057	28	07	GUI	R.Conakry	A3E			is active
DARC	7130,0	0300	02	07	ERI	VOBME	A3E			jingle, s/on Arabic px, found // 7175 (VOBME = Voice of the Broad Masses of Eritrea)
DARC	7130,0	1745	18	07	ERI	VOBME	A3E			Ar px S9+5dB, found // 7180
DARC	7130,0	vt	vd	07	ERI	VOBME	A3E		for Ident	the National Anthem of Eritrea can be found: www.youtube.com/watch?v=qt8Ar3vvRhC
DARC	7140,0	2045	04	07	RUS	UiMUX	PSK2			AT-3004-D, S9+20dB

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
DARC	7150,9	2054	21	07		UiILL	J3E-U			male voice, poss. Polish
DARC	7165,0	0508	04	07		UiBC	A3E			2 px at the same time, one is English (found // 7250 kHz S9+50dB)
DARC	7165,0	0516	09	07		UiBC	A3E			violin music
DARC	7165,0	1711	21	07	E.Af	BC	A3E			
DARC	7170,0	0516	09	07		UiBC	A3E			S9-signal
DARC	7175,0	0300	02	07	ERI	VOBME	A3E			jingle, s/on Arabic px, found // 7130
DARC	7175,0	0520	18	07	ERI	VOBME	A3E			Vernacular voice under WN jam
DARC	7175,0	0520	18	07	ETH	ETH Govt. Jammer	JAM			white noise (WN) jammer
DARC	7175,0	0515	31	07	ETH	ETH Govt. Jammer	JAM			white noise (WN) jammer
DARC	7175,0	0515	31	07	ERI	VOBME	A3E			is active
DARC	7175,0	vt	31	07	ERI	VOBME	A3E			heard 1752 - 1801 s/off, s/off with National Anthem
DARC	7175,0	vt	vd	07	ETH	ETH Govt. Jammer	JAM		for Ident	the National Anthem of Ethiopia can be found: www.youtube.com/watch?v=VLNZgV2yh8g
DARC	7180,0	1745	18	07	ERI	VOBME	A3E			Ar px S9+20dB, found // 7130
DARC	7187,8	1811	18	07		BC	A3E			S8-signal
DARC	7189,7	0120	15	07	CLN	SLBC	A3E			S9-signal
DARC	7189,7	0106	31	07	CLN	SLBC	A3E			typical music, S9+10dB
DARC	7190,0	0508	04	07		UiBC	A3E			unid BC
DARC	7190,0	0516	09	07		UiBC	A3E			weak signal
DARC	7195,0	0330	02	07	UGA	R. Uganda	A3E			s/on at 0330, pop music, English announcer, S9+10dB, still heard 0403
DARC	7195,0	2040	02	07	UGA	R. Uganda	A3E			S9+30dB-signal
DARC	7195,0	2045	03	07	UGA	R. Uganda	A3E			Vernacular language S9+20dB
DARC	7195,0	2045	04	07		R. Uganda	A3E			Radio Uganda not heard
DARC	7196,0	0520	18	07		UiBC	A3E			English px found // 7250 (S9+45dB)
DARC	7200,0	0300	02	07	SDN	R.Omdurman	A3E			Ar px S9+20dB
DARC	7200,0	2057	28	07	SDN	R.Omdurman	A3E			Ar px
DARC	7200,0	0236	29	07	SDN	R.Omdurman	A3E			Holy Qur`an recitals
DARC	10120,0	0847	10	07	E	UiILL	J3E-U			Spanish fishery
DARC	10125,0	vt	06	07		NATO PsyOps	J3E-U			NATO PsyOps (Psychological Operations) against the Gaddafi troupes. Heard 1300 - 1420. Pse hit in Google "NATO 10125 kHz") for more information and wonderful .wav-files and text - is legal! - report DL1EA
DARC	10125,0	vt	10	07		NATO PsyOps	J3E-U			heard 1100 - 1118 in heavy jam/wobble.
DARC	10125,0	vt	10	07		NATO PsyOps	J3E-U			heard 1430 - 1448
DARC	10125,0	vt	13	07		NATO PsyOps	J3E-U			heard 1300 - 1318 in heavy jam/wobble. Wobble s/off at 1310
DARC	10125,0	vt	vd	07		NATO PsyOps	J3E-U			NATO PsyOps (Psychological Operations) against the Gaddafi troupes. Pse hit in Google "NATO 10125 kHz") for more information and wonderful .wav-files and text - is legal!
DARC	10130,0	1618	10	07		UiOTH-Radar	FMCW			Chirping pulses S9+15dB, 25 kHz spread
DARC	10131,0	1858	17	07	S.As	UiILL	J3E-U			male S.As voices
DARC	10144,3	0606	17	07	S.As	UiILL	J3E-U			male voices, S.As language
DARC	10145,0	0708	04	07	RUS	UiILL	J3E-U			Russian MIL together with AT-3004-D

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
DARC	10150,0	2122	05	07		UiILL	J3E-U			unid male person, not in ham band!
DARC	10150,0	1904	08	07	MRC	UiILL	J3E-U			Moroccan fishery
DARC	10150,0	vt	09	07	G / CYP	Cyprus OTHR	FMCW			chirping pulses 1230 - 1428
DARC	10150,0	1839	14	07	E	UiILL	J3E-U			Spanish fishery
DARC	10150,0	1714	31	07		UiOTH-Radar	FMCW			chirping pulses in strings, 70 strings per minute, 30 kHz spread
DARC	14000,0	2036	15	07	F	UiILL	J3E-U			pirates in French voice
DARC	14008,0	0752	13	07	RUS	UiPTR	F1B			unid printer
DARC	14112,7	1708	21	07	CHN	UiMUX	PSK8			MIL-188-110A
DARC	14120,0	0729	15	07		UiPTR	F1B			unid printer
DARC	14192,0	0654	07	07		UiPTR	F1B	50	200	fast reversals, also printer, is Russian Navy Kaliningrad
DARC	14198,0	1318	10	07		UiPTR	F1B			fast reversals, poss. to jam IT9RYH
DARC	14204,0	0817	15	07		UiPTR	F1B			fast reversals
DARC	14240,0	0730	12	07		UiMUX	PSK			rushing noise
DARC	14240,0	0806	13	07		UiPTR	F1B			unid printer
DARC	14280,0	0730	12	07		UiOTH-Radar	FMCW			chirping pulses in strings
DARC	14295,1	0730	12	07	TJK	R.Tajikistan	A3E			S8-signal
DARC	14350,0	2038	14	07		UiILL	J3E-U			music in SSB-USB, QTE 220 degs.
DARC	14350,0	0817	27	07	E	UiILL	J3E-U			Spaniard and his wife - just info!
DARC	21000,0	1507	12	07	SDN	MFA Sudan	J3E-U			MFS Sudan with Emba Yemen, traffic starts by whistling
DARC	21000,0	1507	12	07	YEM	Sudan Emba Yemen	J3E-U			MFS Sudan with Emba Yemen, traffic starts by whistling
DARC	21000,0	1039	27	07	RUS	UiILL	J3E-U			male in Russian voice, Murmansk
DARC	21110,0	vt	12	07		UiOTH-Radar	FMCW			heard 0707 - 0830 s/off, S9+10dB, 10 kHz spread
DARC	21151,0	vt	vd	07	MRC	UiILL	J3E-U			Moroccan fishery, heard 07 08 at 2039, 1820
DARC	21245,0	1149	13	07		UiOTH-Radar	FMCW			unid OTH, 25 kHz spread
DARC	21250,0	0847	08	07		UiOTH-Radar	FMCW			unid OTH, S9+20dB, QTE 135 degs.
DARC	21360,0	0821	25	07	E	UiILL	F3E			Spanish fishery in FM
DARC	21438,0	0740	15	07	UKR	RCV	A1A			non AT-traffic, figures and Cyrillic letters "RIP90 DE RCV", is Russian Navy Sevastopol
DARC	28000,0	1335	07	07	E	UiILL	J3E-U			Spanish CB-ers
DARC	28000,0	vt	14	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi - heard 0616 and 1759
DARC	28000,0	1008	26	07	RUS	UiILL	A3E			CB-ers in Russian voice
DARC	28005,0	1506	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28006,0	vt	vd	07		Fishnet Buoys	A1A			in July 2011 DJ7KG spotted 187 different fishnet buoys in the range 28006 - 28446
DARC	28015,0	1741	27	07	RUS	UiILL	F3E			CB-ers in Russian voice
DARC	28025,0	2007	13	07	B	UiILL	A3E			Brazilian CB-ers
DARC	28025,0	1910	26	07	E	UiILL	A3E			Spanish CB-ers
DARC	28035,0	0627	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28035,3	0742	15	07	E	UiILL	A3E			Spanish male, with male on 28038,7
DARC	28038,7	0742	15	07	E	UiILL	A3E			Spanish male, with male on 28035,3
DARC	28045,0	2021	28	07	F	UiILL	A3E			French CB-ers
DARC	28055,0	1035	07	07	I	UiILL	A3E			serveral stations in Italian voice
DARC	28065,0	0915	26	07	RUS	Taxi Cabs	F3E			taxi business

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
DARC	28075,0	0742	13	07	I	UiILL	A3E			2 male persons in Italian dialect, one with strong DIESEL engine noise in background - fishery?
DARC	28080,0	1000	26	07	S.Eu	UiILL	A3E			unid CB-ers
DARC	28085,0	0720	18	07	E	UiILL	A3E			2 male persons in Spanish voice
DARC	28085,0	1944	26	07	B	UiILL	A3E			pirates in Port. Voice
DARC	28085,0	0635	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28100,0	1938	26	07	E	UiILL	A3E			OP Miguel, Spanish voice
DARC	28105,0	1034	07	07	I	UiILL	A3E			several stations in Italian voice
DARC	28105,0	1600	10	07	E	UiILL	F3E			Spanish CB-ers
DARC	28105,0	1601	10	07	F	UiILL	F3E			French CB-ers
DARC	28105,0	0617	16	07	E	UiILL	A3E			2 male persons, Spanish voice, roger beep
DARC	28105,0	0619	16	07	E	UiILL	A3E			2 male persons in Spanish voice, roger beep
DARC	28105,0	1757	17	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28105,0	0604	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28110,0	1520	21	07		UiILL	J3E-U			pirates in English voice, QTE 220 degs.
DARC	28115,0	2014	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28125,0	0733	13	07	E	UiILL	A3E			2 male persons in Spanish, roger beep
DARC	28125,0	0720	18	07	E	UiILL	A3E			2 male persons in Spanish voice
DARC	28135,0	0617	16	07	RUS	UiILL	F3E			2 male persons in Russian voice
DARC	28135,0	0617	16	07	RUS	UiILL	F3E			2 male persons, Russian voice, S9-signals
DARC	28135,0	0600	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28145,0	0604	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28145,0	2015	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28155,0	0920	20	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28155,0	1900	26	07	E	UiILL	A3E			Spanish CB-ers
DARC	28155,0	2013	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28155,3	0754	15	07	E	UiILL	A3E			Spanish male person
DARC	28165,0	0604	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28170,0	1626	10	07	F	UiILL	J3E-U			French CB-ers
DARC	28175,0	1906	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28175,0	1909	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28175,0	0905	20	07	E	UiILL	A3E			Spanish CB-ers
DARC	28185,0	0733	13	07	E	UiILL	A3E			2 male persons in Spanish, roger beep
DARC	28195,0	1111	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28195,0	0852	20	07	E	UiILL	F3E			Spanish fishery, engine noise
DARC	28205,0	0800	15	07	NW. Eu	UiILL	F3E			English male voices (Ireland or U.K.)
DARC	28205,0	0603	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28215,0	1907	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28215,0	0603	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28235,0	0820	06	07	E	UiILL	A3E			2 male persons in Spanish voice
DARC	28235,0	0634	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28245,0	2014	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28245,0	2029	28	07	F	UiILL	A3E			French CB-ers
DARC	28255,0	1904	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28265,0	vt	02	07	IRL	Irish Church Broadcast	F3E			Catholic Divine Service, heard 0855 - 0900 - tx-er located Curraghboy Cam Church, County of Roscommon
DARC	28265,0	1945	06	07	RUS	Taxi Cabs	F3E			taxi business, female at base

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	BD	SH	Remarks and Comments
										station, male in taxi
DARC	28265,0	1924	07	07	IRL	Irish Church Broadcast	F3E			Catholic Divine Service, s/off at 1924 - report CR7ABP
DARC	28265,0	1758	17	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28265,0	vt	vd	07	IRL	Irish Church Broadcast	F3E			Catholic Divine service heard 02 07 at 0900, 1918
DARC	28275,0	1905	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28275,0	0740	13	07	E	UiILL	A3E			male person in Spanish language
DARC	28275,7	0745	15	07	E	UiILL	A3E			Spanish male
DARC	28285,0	1906	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28285,0	0914	26	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28285,0	0605	28	07	E	UiILL	A3E			Spanish CB-ers
DARC	28295,0	2016	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28305,0	1904	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28305,0	0823	14	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi
DARC	28305,0	0720	18	07	E	UiILL	A3E			2 male persons in Spanish voice
DARC	28312,0	0720	18	07	E	UiILL	A3E			2 male persons in Spanish voice
DARC	28342,5	0750	15	07		UiPTR	F1B			unid printer
DARC	28365,0	1759	17	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28415,0	1340	28	07	RUS	Taxi Cabs	F3E			taxi business
DARC	28425,0	1935	26	07	E	UiILL	A3E			OP Felipe, Spanish CB-er from Almeria, has roger beep and echo mike
DARC	28710,0	1908	02	07	RUS	Taxi Cabs	F3E			taxi business, female at base station, male in taxi

DARC 2 – Germany - DK2OM (Wolf)

PSE observe:

FSK transmissions -> center frequency between mark and space

PSK transmissions -> center frequency (subtract the modem frequency!)

ALE (MIL188-141A) -> USB frequency – exclusive bands: black – nonexclusive: blue

SH = shift --- SP = spread (radar) – SPS = sweeps/sec (radar)

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH/SP	DETAILS
DARC	1812,0	vt	vd	07	POL		A3E			Polish “PIP” – 10 tones – North-Poland – Baltic coast - POL Navy ?
DARC	1876,8	ady	dly	07	G		PSK8	2400	2400	Stanag4285 - 1200 bps long - Scotland
DARC	1896,5	ady	dly	07	D		PSK8	2400	2400	Stanag4285 - 600 bps long - German Navy
DARC	3500,0	vt	dly	07	TUR	no ITU	FSK8	125	1750	ALE, “2015” “2016” “1020” “3010”- Turkish Red Crescent - legal
DARC	3500,0	1930	31	07						frequency hopper
DARC	3503,5	vt	dly	07	G	no ITU	FSK8	125	1750	ALE – “XSS” “XPU” – British MIL Tascomm
DARC	3510,0	vt	dly	07	ALG	no ITU	FSK8	125	1750	ALE, “JE30” “PT30”
DARC	3527,0	1900	dly	07	RUS		F1B	50	200	Severomorsk - daily
DARC	3531,0	1900	dly	07	RUS		A1A			33 dots/sec - Kaliningrad
DARC	3533,0	vt	dly	07	E	no ITU	FSK8	125	1750	ALE, “TZSC2” “TWBZ1” - Spanish Guardia Civil
DARC	3544,8	1917	15	07	TUR	no ITU	PSK8	2400	2400	Stanag4285 - north-west of Ankara
DARC	3545,0	vt	dly	07	ALG	no ITU	FSK8	125	1750	ALE, “FL49” “FL57” “PT50” -

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH/SP	DETAILS
										ALG MIL + voice traffic USB and scrambler
DARC	3553,8	ady	dly	07	TUR		PSK8	2400	2400	Stanag4285 – TUR MIL - Ankara
DARC	3555,8	vt	vd	07	KGZ		F1B	201.5	200	
DARC	3558,0	vt	dly	07			FSK8	125	1750	ALE, “102” “206”
DARC	3577,0	ady	dly	07	I	IZ3DVW	A1A			IZ3DVW – beacon not coordinated with IARU
DARC	3585,0	1700	dly	07	TWN	HLL	F1C			120 rpm, IOC 576, Wxfax - legal!
DARC	3590,0	vt	dly	07	PAK	no ITU	FSK8	125	1750	ALE, “KW” “BABUR” “KHA” “KHAIBAR” “BADR” “NASR”
DARC	3595,0	vt	dly	07	D	no ITU	FSK8	125	1750	ALE, „ZLST“ „ZPRI“ „ZSHO“ „ZBOR“ „ZEMD“ „ZHEL“ „ZKNI“ „ZBOR“ „BPLEZS“ German customs – North-Germany
DARC	3596,0	vt	dly	07	HRV	9A0ALE	FSK8	125	1750	Croatian emergency ALE-net --- for info!
DARC	3603,0	vt	vd	07	D	DA0EC	PSK8	2000	2000	RFSM 8000 – amateur emergency net - Berlin - legal operation - just for info!!!
DARC	3603,0	vt	dly	07	ALG?	no ITU	FSK8	125	1750	ALE, “PT01JL94” “JL05JL94”
DARC	3611,5	vt	dly	07	D		PSK8	200	500	German APRS Net in Robust Packet - just for info!
DARC	3617,0	vt	dly	07	HRV	9A5EX	FSK8	125	1750	ALE, “9A5EX1P” – HAM-ALE - just for info
DARC	3622,5	2100	24	07	J	JMH	F1C			Tokyo Meteo – 120 rpm – IOC576 – daily, legal!!!
DARC	3756,0	ady	dly	07	UKR		A3E			UKR – pip – 10 tones
DARC	3782,0	ady	dly	07	POR	CTP	F1B	75	850	POR Navy headquarter Lisbon
DARC	7000,0	vt	dly	07	IRQ	no ITU	FSK8	125	1750	ALE, “MEDOPS” “BMROPS” “LNGKNF” “EAGLE” “HFCFSR” “R23747” “R24594” US MIL
DARC	7010,0	1658	05	07	RUS		PSK	120	2600	AT3004D - Kaliningrad
DARC	7020,0	ady	dly	07			NON			carrier
DARC	7038,2	2148	01	07		L	A1A			Cluster beacon “L” - St. Petersburg
DARC	7038,7	ady	dly	07	UKR	D	A1A			Cluster beacon – Sevastopol RUS Navy – “RCV” – spurious on 7038.0, 7038.1, 7038.2, 7038.3, 7038.4 , 7038.5 , 7038.6, 7039.1, 7039.2 and 7039.3, on July 13 th
DARC	7038,8	ady	dly	07	RUS	P	A1A			Cluster beacon – Kaliningrad RUS Navy – “RMP”
DARC	7038,9	ady	dly	07	RUS	S	A1A			Cluster beacon – Murmansk RUS Navy – „RIT“
DARC	7039,0	ady	dly	07	RUS	C	A1A			Cluster beacon - Moscow RUS Navy - “RIW”
DARC	7039,1	vt	dly	07	KGZ	A	A1A			Cluster beacon – Bishkek RUS Navy –
DARC	7039,2	ady	dly	07	RUS	F	A1A			Cluster beacon - Vladivostok RUS Navy - “RJS”
DARC	7039,3	vt	dly	07	RUS	K	A1A			Cluster beacon - Petropavlovsk Kamchatskiy - RUS Navy - Pacific fleet - “RCC”
DARC	7039,4	1437	03	07	RUS	M	A1A			Cluster beacon – Magadan RUS Navy – „RTS“
DARC	7039,9	ady	dly	07	I	IZ3DVW	A1A			IZ3DVW – beacon not coordinated with IARU
DARC	7040,0	1053	24	07						frequency hopper
DARC	7040,5	vt	dly	07	HRV	9A5EX	FSK8	125	1750	ALE, “9A5EX” - just for info!
DARC	7041,8	0920	24	07	RUS	L	A1A			Cluster beacon “L” - St. Petersburg

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH/SP	DETAILS
DARC	7049,5	vt	dly	07	F	F4BXW1	FSK8	125	1750	ALE, "F4BXW1" - just for info!
DARC	7054,0	1900	dly	07	RUS		F1B	50	200	CIS50-50 - RUS Navy Moscow - strange signal
DARC	7058,7	1054	24	07	F		F1B	45.5	170	Baudot - French amateurs not respecting bandplans - just for info!
DARC	7065,0	vt	dly	07	HRV	9A5EX	FSK8	125	1750	ALE, "9A5EX" - just for info!
DARC	7065,0	1938	10	07	J		FMCW		35k	Codar HF Radar - 2.6 sweeps/sec 7065 - 7100 kHz
DARC	7083,0	1829	26	07	J		FMCW		30k	Far East Codar HF Radar - 2.6 sps - 7068 - 7089 kHz
DARC	7090,0	1950	06	07	E		NON			carrier - area of Barcelona
DARC	7092,0	vt	dly	07	TUR	no ITU	FSK8	125	1750	ALE, "4016" - Turkish Red Crescent
DARC	7092,0	2140	07	07	RUS		FMCW		10k	OTHR - 83.33 sps - 1.5 sec bursts - Irkutsk
DARC	7099,5	vt	dly	07	HRV	9A0ZG	FSK8	125	1750	ALE, "9A0ZG" - just for info
DARC	7102,0	0809	12	07	HRV		FSK8	125	1750	ALE, "9A3COL" - just for info!
DARC	7110,5	vt	dly	07	HRV	9A0ALE	FSK8	125	1750	ALE, amateur net, just for info!
DARC	7111,9	vt	dly	07	KWT	no ITU	FSK8	125	1750	ALE, "UDAIRI" "ATFOPS" - UDAIRI = US MIL Camp Buehring / Kuwait
DARC	7112,0	1940	03	07	RUS		PSK2	120	2600	AT3004D - north of Volgograd
DARC	7112,0	1855	04	07	RUS		PSK2	120	2600	AT3004D - south of Bryansk
DARC	7125,0	0630	12	07	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DARC	7125,0	1804	29	07	J		FMCW		35k	Far East Codar HF Radar - 2.6 sps - 7125 - 7160 kHz
DARC	7132,0	2213	29	07	J		FMCW		33k	Far East Codar HF Radar - 2.6 sps - 7132 - 7165 kHz
DARC	7133,0	1130	09	07	RUS		PSK2	120	2600	AT3004D - Smolensk
DARC	7137,0	1900	25	07	RUS		F1B	50	200	Kaliningrad
DARC	7140,0	0930	03	07	RUS		PSK2	120	2600	AT3004D - ship, Baltic Sea, area of Gdansk
DARC	7180,0	vt	dly	07	MRC	no ITU	FSK8	125	1750	ALE, "9201" "6350" "RC1"
DARC	7190,0	1700	19	07	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DARC	7197,0	vt	dly	07	TUR	no ITU	FSK8	125	1750	ALE, "3651" - Red Crescent - West-Turkey
DARC	10106,0	vt	dly	07	ALG	no ITU	FSK8	125	1750	ALE, "OG100A" "OR200B" - Algerian MIL
DARC	10112,0	ady	dly	07	TUR		PSK8	2400	2400	Stanag4285 - 600 bps long - TUR MIL - Izmir
DARC	10115,0	0640	dly	07	RUS		FSK4	100	1500	CIS14 group - Moscow
DARC	10115,0	vt	dly	07		no ITU	FSK8	125	1750	ALE, "2001", "2011"
DARC	10120,0	vt	dly	07		no ITU	FSK2	125	1750	ALE, "9066" "9067"
DARC	10120,0	1635	11	07	RUS		PSK2	120	2600	AT3004D - Moscow
DARC	10125,0	vt	dly	07	LBY	no ITU	FSK8	125	1750	ALE, "MOBILE8" "MOBILE16" - Libyan GMMRA
DARC	10126,0	0705	04	07	RUS		PSK	120	2600	AT3004D - Severomorsk
DARC	10130,0	2200	dly	07	USA		F1B	50	850	USA - Maine
DARC	10130,0	1856	08	07			FMCW		20k	OTH Radar Cyprus, 50 sps
DARC	10131,0	0757	30	07	RUS		F1B	75	250	
DARC	10134,0	vt	dly	07	ALG	no ITU	FSK8	125	1750	ALE, "CM4" "COF" - Algerian Airforce
DARC	10136,5	vt	dly	07	F	F4BXW	FSK8	125	1750	ALE, "F4BXW" - just for info!
DARC	10145,0	0940	03	07	RUS		PSK2	120	2600	AT3004D - north-east of Samara
DARC	10145,0	0707	04	07	RUS		PSK2	120	2600	AT3004D -
DARC	10145,5	1926	15	07	HRV	9A5EX	FSK8	125	1750	ALE, 9A5EX, just for info!
DARC	10146,0	vt	dly	07	ALG		FSK8	125	1750	ALE, "ORG" "CM4" - ALG Airforce
DARC	10150,0	vt	dly	07		no ITU	FSK8	125	1750	ALE, "CFA" "CTA"
DARC	14000,0	vt	dly	07		no ITU	FSK8	125	1750	ALE, "091" "1010"
DARC	14000,0	1100	14	07	TUR		FMCW		20k	OTH Radar Turkey, 50 sps - also: 30.07.11 at 0750 utc
DARC	14000,0	vt	dly	07						frequency hopper
DARC	14001,0	0628	22	07	RUS		PSK2	120	2600	AT3004D - Magadan

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH/SP	DETAILS
DARC	14008,0	0706	13	07	RUS		F1B	50	250	Moscow
DARC	14010,0	1926	25	07	TUR		FMCW		20k	OTH Radar Istanbul – 50 sps
DARC	14018,0	0724	25	07	RUS		PSK2	120	2600	AT3004D - Moscow
DARC	14037,0	vt	dly	07		no ITU	FSK8	125	1750	ALE, “313” “132” “932”
DARC	14059,0	0927	21	07	RUS		FMCW		10k	RUS – OTHR – 71.4 sps - 4 sec bursts
DARC	14064,0	0707	13	07			F1B	75	250	area of Moscow
DARC	14100,2	0955	25	07			N0N			unid carrier
DARC	14107,0	0928	21	07	RUS		FMCW		10k	RUS – OTHR – 71.4 sps - 4 sec bursts
DARC	14108,0	0923	21	07	RUS		A1A			encrypted CW, RUS MIL
DARC	14112,7	ady	dly	07	CHN		PSK8	2400	2400	MIL-188-110A - 600 bps short
DARC	14118,0	1005	04	07	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DARC	14120,0	0855	01	07	RUS		F1B	75	250	Moscow
DARC	14122,0	1057	06	07	RUS		PSK2	120	2600	AT3004D - Moscow
DARC	14141,0	1445	24	07	RUS		F1B	75	500	Moscow
DARC	14162,0	0834	24	07	RUS		PSK2	120	2600	AT3004D - Smolensk
DARC	14192,0	0845	03	07	RUS		F1B	50	500	CIS50-50 - RUS Navy Kaliningrad
DARC	14234,0	0740	04	07	UKR		F1B	47.9	200	area of Sevastopol
DARC	14240,0	0709	13	07			F1B	75	250	Kaliningrad
DARC	14242,0	1108	12	07	RUS		PSK2	120	2600	AT3004D - Moscow
DARC	14292,0	0710	13	07	RUS		A1A			encrypted msgs - kyrillic letters RUS MIL Mscow
DARC	14301,9	0844	21	07	RUS		OFDM	35.5	2770	OFDM60 - Moscow
DARC	14304,0	vt	dly	07	CHN	no ITU	FSK8	125	1750	ALE, “247” “633” “981”
DARC	14316,0	vt	dly	07	CHN	no ITU	FSK8	125	1750	ALE, “601” “611”
DARC	14325,1	vt	vd	07	FEa	no ITU	FSK8	125	1750	ALE, “776” “699” “475”
DARC	14332,0	0850	01	07	RUS		F1B	100	250	idling - Vladivostok
DARC	14334,0	1145	09	07	RUS		PSK2	120	2600	AT3004D - Novosibirsk
DARC	14343,0	vt	dly	07		no ITU	FSK8	125	1750	ALE, “L06” “A98”
DARC	14344,7	ady	dly	07	CHN		PSK8	2400	2400	MIL-188-110A – 600 bps short - intro tone ACARS like – burst system
DARC	18070,0	1100	24	07	CYP		FMCW		20k	OTH Radar Cyprus, 25 sps
DARC	18075,0	1948	17	07	CYP		FMCW		20k	OTH Radar Cyprus, 50 sps
DARC	18085,5	2150	18	07			A1A			dots, vy weak
DARC	21000,0	1744	14	07						frequency hopper
DARC	21000,0	vt	dly	07			FSK8	125	1750	ALE, “Y” “M7X”
DARC	21002,2	vt	dly	07	SDN YEM	!0000	FSK	100	200	Pactor1 encrypted, SDN-MFA + Sudan-emba Yemen – ident: !0000
DARC	21089,5	vt	dly	07	HRV	9A5EX	FSK8	125	1750	ALE, “9A5EX” - just for info!
DARC	21110,0	0820	12	07	TUR		FMCW		20k	OTH Radar Turkey, 50 sps
DARC	21233,5	vt	vd	07	IND		F1B	600	600	DPRK-FSK600 bursts – KRE emba New Delhi
DARC	21291,0	0605	07	07	AUS		FMCW		10k	OTHR – JORN - 45.45 and 50 sps
DARC	21300,0	0847	24	07						frequency hopper
DARC	21307,0	0625	14	07	AUS		FMCW		10k	OTH - JORN – 71.4 sps
DARC	21438,0	0755	14	07	UKR	RCV	A1A			RIP90 de RCV - RUS Navy Sevastopol
DARC	24892,0	2011	29	07						frequency hopper
DARC	24902,0	1926	13	07						frequenc hopper
DARC	24920,0	1916	06	07	I		FMCW			Codar HF Radar - 24920 – 25080 kHz - 2 sweeps/sec - Venice
DARC	25000,0	0924	26	07	FIN		A3E			time signal Helsinki – just for info
DARC	28000,0	2020	28	07						frequency hopper
DARC	28100,7	vt	vd	07	POR		F1B	50.6	300	F1B bursts - area of Lisbon
DARC	28155,0	2012	28	07						frequency hopper

IRTS – Ireland – EI4GXB (Ger)**KARS – Kuwait – 9K2RR (Faisal)****MRASZ – Hungary - HA7PL (Laci)**

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	DETAILS
MRASZ	7000,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	T1Z171, T8Z229
MRASZ	7000,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	NOMAD UNID
MRASZ	7014,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	4412 UNID
MRASZ	7045,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	1???, 2??? 4 FIGURES NET
MRASZ	7055,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	3 FIGURES NET: 131-168; 134-155,168; 145-168; 168-131, 132. NEWCOMER.
MRASZ	7070,0	VT	VD	07	FSK8 (ALE)	GEO	UiMUX	125	1750	244-NET: 244 – 00, 204, 334, 514, 686, 494, 571, 288
MRASZ	7098,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	10 UNID
MRASZ	7092,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	4 FIGURES NET 2010, 4017, 3013, 4012, 4015,
MRASZ	7095,0	VT	VD	07	FSK8 (ALE)	UZB	UiMUX	125	1750	110-NET UZBEK FORCES
MRASZ	7107,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	437805
MRASZ	7140,0	VT	VD	07	FSK8 (ALE)	UZB	UiMUX	125	1750	110-NET UZBEK FORCES
MRASZ	7141,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	4 FIGURES NET: 7801
MRASZ	7116,0	VT	VD	07	FSK8 (ALE)	UZB	UiMUX	125	1750	110-NET UZBEK FORCES
MRASZ	7149,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	5810
MRASZ	7197,0	VT	VD	07	FSK8 (ALE)	Ui	UiMUX	125	1750	4-5 FIGURES NET: 3061, 3251, 3771, 31613541, 3551, 3771, 8161, 8341, 83401, 123466, 206102.
MRASZ	7140,0	VT	VD	07	FSK8 (ALE)	UZB	UiMUX	125	1750	110-NET UZBEK FORCES

OEVSV – Austria – OE3DMA (Alex)**PZK – Poland – SP3UZ (Wladyslaw)**

REP – Portugal – CT4AN (Jose Francisco)

SOC	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
REP	3504	22.50	03	07	I		J3E-L			Italian pirates
REP	3520	07.20	28	07	E		J3E-L			Spanish fishers
REP	3550,0	07.43	12	07	F	French Amateurs	A3E-AM			French Amateurs DAILY !!! INFRINGE IARU 80m BAND PLAN
REP	3575,0	07.38	21	07	F	French Amateurs	A3E-AM			French Amateurs DAILY !!! INFRINGE IARU 80m BAND PLAN
REP	3540	18.30	20	07	E		J3E-U			Spanish fishery
REP	3755,5	02.22	18	07	UKR		A2A			Pulse, 1 bps 25uV S8
REP	7002	00.20	10	07	E		J3E-L			Ola, Ola 25uV S8
REP	7000	15.01	06	07	?	V	A1A			Marker 3.1uV S5
REP	7007	02.55	19	07	E		J3E-U			Spanish fishers 25uV S8
REP	7022,5	22.51	25	07	?		J3E-L			Arab talking about fish
REP	7020	17.12	29	07	E		J3E-L			Spanish fishers on sea (Carlos)
REP	7030,1	15.28	17	07	?		F1B	75	250	
REP	7038,6	08.20	14	07	RUS	S	A1A			MURMANSK, ADY, DLY 3.1uV S5
REP	7038,7	07.10	10	07	UKR	D	A1A			SEVASTOPOL, ADY, DLY 25uV S8
REP	7038,7	23.05	16	07	UKR	D	A1A			SEVASTOPOL Beacon 12.5uV S7
REP	7039,0	07.02	10	07	RUS	C	A1A			MOSCOW, ADY, DLY 6.3uV S6
REP	7039,0	23.03	16	07	RUS	C	A1A			MOSCOW Beacon 50uV S9
REP	7039,1	18.37	28	07	RUS	A	A1A			VOLGOGRAD, ADY, DLY 3.1uV S5
REP	7041,5	17.36	21	07	?		F1B	75	200	MIL ?
REP	7040	23.49	09	07	?		J3E-U			Arabic language
REP	10105	22.20	09	07	MLA		J3E-U			Malaysian fishers
REP	10106	19.30	31	07	MLA		J3E-U			Malaysia fishers male voices
REP	10120	19.10	27	07	MLA		J3E-U			Malaysia fishers male voices
REP	10131	15.22	01	07	?		F1B	200	200	
REP	10136	19.22	04	07	?		J3E-U			Scrambled voices, 500Hz wide
REP	14000	07.36	22	07	E		J3E-U			Spanish fishers - Ceuta harbour
REP	14010	07.15	22	07	E		J3E-U			Spanish fishery
REP	14164	19.10	07	07	?		J3E-U			English talks - family Phone talks

JULY 2011

RSGB - Great Britain – G4BOH (Chris)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	REMARKS
RSGB	24920-25070 kHz	24H	dly	07	I	Radar	FMCW	CODAR wave profile radar located in Venice. This appeared at the same time last year and diappeared after a complaint from Baldock. The same thing has happened again! Nothing heard since 14th July.

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7008,0	0800-1330	*	7		UiPTR	F1B		250	Days: 21, 29, 30
SRAL	7011,0	0630-0830	18	7		UiPTR	F1B		500	
SRAL	7012,0	1020-1530	18, 22	7		UiMUX	J7D	12x120	12x200	
SRAL	7016,0	0700-0915	29	7		UiPTR	F1B		250	
SRAL	7018,63	1300-1620	6 – 7	7		UiCarr	N0N			50 Hz brumm
SRAL	7020,0	0545-1530	10, 27	7		UiPTR	F1B		250	
SRAL	7025,0	-1409	10	7		UiPTR	F1B		200	
SRAL	7026,0	1115-1320	25	7		UiMUX	J7D	12x120	12x200	
SRAL	7038,2	h24	1 - 20	7	RUS	L	A1A			St Peterburg, on 20 th -1515

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7038,7	h24	dly	7	UKR	D	A1A			Sevastopol
SRAL	7038,8	h24	dly	7	RUS	P	A1A			Kaliningrad
SRAL	7038,9	h24	dly	7	RUS	S	A1A			Severomorsk
SRAL	7039,0	h24	dly	7	RUS	C	A1A			Moscow
SRAL	7041,8	h24	20 - 31	7	RUS	L	A1A			St Peterburg, on 20 th 1715 -
SRAL	7043,0	1705	20	7		UiMUX	J7D	12x120	12x200	
SRAL	7050,0	0525	23	7		UiMUX	J7D	12x120	12x200	
SRAL	7054,0	1900-0500	dly	7	RUS	REA4	F1B		200	Moscow
SRAL	7063,0	0645-1130	14	7		UiMUX	J7D	12x120	12x200	
SRAL	7067,0	1455	22	7		UiMUX	J7D	12x120	12x200	
SRAL	7072,0	0745	7	7		UiMUX	J7D	12x120	12x200	
SRAL	7075,0	0650	11	7		UiMUX	J7D	12x120	12x200	
SRAL	7076,0	1145	2	7		UiPTR	F1B			
SRAL	7083,5	1445	3	7		UiMUX	J7D	12x120	12x200	
SRAL	7088,0	0330-1655	30	7		UiPTR	F1B			
SRAL	7091,5	1130-1300	24	7		UiPTR	F1B		250	
SRAL	7097,0	0415-1030	8, 22	7		UiPTR	F1B		200	
SRAL	7098,0	0815	25	7		UiPTR	F1B		250	
SRAL	7112,0	0130-2030	*	7		UiMUX	J7D	12x120	12x200	Days: 3, 4, 15 – 18
SRAL	7120,0	0245-0500	dly	7	ERI	VoBME 1	A3E			QSY 7110 – 7130 kHz
SRAL	7120,0	1430-1800	dly	7	ERI	VoBME 1	A3E			QSY 7100 – 7130, jammed by ETH until 1700
SRAL	7125,0	0535-0710	19, 20	7		UiMUX	J7D	12x120	12x200	
SRAL	7125,0	1830-2100	dly	7	GUI	R. Conakry	A3E			
SRAL	7133,0	1440-1600	20	7		UiMUX	J7D	12x120	12x200	
SRAL	7137,0	1830-1930	25	7	RUS	RDL	F1A		200	MR 5F
SRAL	7140,0	0400-1930	1 - 4	7		UiMUX	J7D	12x120	12x200	
SRAL	7152,0	0635	18	7		UiMUX	J7D	12x120	12x200	
SRAL	7152,5	1330	25	7		UiPTR	F1B		250	
SRAL	7166,0	1730-1930	*	7	RUS	PVO “9”	A1A			Timestamp (UTC + 4h), days: 3, 17, 18, 26
SRAL	7168,0	1120-1400	21	7		UiMUX	J7D	12x120	12x200	
SRAL	7175,0	0245-0500	dly	7	ERI	VoBME 2	A3E			QSY 7165 - 7185
SRAL	7175,0	1430-1805	dly	7	ERI	VoBME 2	A3E			QSY 7165 - 7185, jammed by ETH until 1700
SRAL	7188,0	0730-1745	7, 19	7		UiPTR	F1B		250	
SRAL	7190,0	1335-1610	30	7		UiMUX	J7D	12x120	12x200	
SRAL	7195,0	1500-2030	1– 4, 17	7	UGA	UBC radio	A3E			
SRAL	7196,0	0330-0530	30	7		UiPTR	F1B			
SRAL	7200,0	0200-0600	dly	7	SDN	R Sudan	A3E			
SRAL	7200,0	1400-1530	dly	7	SDN	R Sudan	A3E			
SRAL	7200,0	1730-2100	dly	7	SDN	R Sudan	A3E			
SRAL	10135,0	1510	10	7	CYP	UiOTHR	P0N			50 Hz , 20 kHz wide
SRAL	13990,0	1100	14	7	CYP	UiOTHR	P0N			50 Hz , 20 kHz wide
SRAL	14000,0	1100-	31	7	CYP	UiOTHR	P0N			50 Hz , 20 kHz wide

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
		1130								
SRAL	14008,0	0755-1400	*	7		UiPTR	F1B		250	Days: 7, 10, 13, 25
SRAL	14050,0	1330	3	7		UiCW	A1A			MR 5BL
SRAL	14064,0	0735	6	7		UiPTR	F1B		250	
SRAL	14104,0	0825-1020	23	7		UiPTR	F1B		230	dotter
SRAL	14120,0	0815-1005	13	7		UiPTR	F1B		250	
SRAL	14204,0	1000-1110	5, 13	7		UiPTR	F1B		250	
SRAL	14240,0	0735	6	7		UiPTR	F1B		250	
SRAL	14240,0	0820-0915	13	7	RUS	UiMUX	J7D	12x120	12x200	
SRAL	14292,0	0520	29	7		UiCW	A1A			MR 5BL
SRAL	14295,1	0130-2000	dly	7	TJK	R Tojikiston	A3E			3f 4765,05 kHz, Yangiyul TX
SRAL	14334,0	0835-1005	25, 31	7		UiMUX	J7D	12x120	12x200	
SRAL	18170,0	0800-1235	3, 7	7	CYP	UiOTHR	P0N			50 Hz , 20 kHz wide
SRAL	21090,0	0910	3	7	CYP	UiOTHR	P0N			50 Hz , 20 kHz wide
SRAL	28055-28305	1135-1405	10, 31	7	CIS	UiVOX	F3E			11 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
USKA	7000.0	0004	01	07		T2Z224	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	0006	01	07		T1Z185	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	0007	01	07		T8Z229	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	0020	01	07		LNGKNF	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	0051	01	07		FUZZY	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	0209	01	07		T1Z229	MFSK8	125	1750	MIL 188-141A often
USKA	7000.0	1743	31	07		NOMAD	MFSK8	125	1750	MIL 188-141A
USKA	7000.000	1329	13	07			N0N			long lasting carrier
USKA	7009.0	2040	16	07			A3E			BC IM, unid
USKA	7010.0	1652	05	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D
USKA	7020.0	2057	16	07			N0N			long lasting carrier
USKA	7026.0	1217	25	07			J7D	12x120	2k6	CIS12
USKA	7032.0	0824	26	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D
USKA	7038.2	1852	01	07		L	A1A			Beacon L
USKA	7038.3	0712	01	07	RUS	K	A1A			Beacon K Petropavlovsk
USKA	7038.7	0720	01	07	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7038.8	0723	01	07	RUS	P	A1A			Beacon P Kaliningrad
USKA	7038.9	1850	01	07	RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	0724	01	07	RUS	C	A1A			Beacon C Moscow daily
USKA	7039.2	0713	01	07	RUS	F	A1A			Beacon F Vladivostok daily
USKA	7039.4	0714	01	07	RUS	M	A1A			Beacon M Magadan daily
USKA	7041.8	2252	23	07		L	A1A			Beacon L new QRG?
USKA	7054.0	2349	02	07			F1B		400	curious signal. maybe malfunction (over modulated)? daily
USKA	7067.0	0828	26	07			J7D		2k6	CIS 12 idling, 13 carriers only
USKA	7070.0	2333	24	07		288	MFSK8	125	1750	MIL 188-141A TO: 686
USKA	7070.0	2337	24	07		288	MFSK8	125	1750	MIL 188-141A TO: 571
USKA	7070.0	2339	24	07		288	MFSK8	125	1750	MIL 188-141A TO: 334
USKA	7070.0	0150	25	07		204	MFSK8	125	1750	MIL 188-141A TO: 244
USKA	7086.5	1347	25	07			F1B	40.5	250	unid
USKA	7089.8	2251	21	07			PSK-8	2400	2k4	Link 11- SLEW often
USKA	7093.0	0906	20	07			F1B	150	100	unid
USKA	7102.0	0636	01	07			J7D		2k6	13 carriers; CIS12 idling only
USKA	7105.0	2209	03	07		TWN	A3E			BC (2 stations) daily
USKA	7105.0	2209	03	07		CHN	A3E			BC (2 stations) daily

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
USKA	7110.0	1659	05	07			A3E			BC, jammed
USKA	7110.0	1659	05	07			Noise		10 kHz	Jammer
USKA	7111.9	0148	03	07		UDAIRI	MFSK8	125	1750	MIL 188-141A
USKA	7112.0	2206	03	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D often
USKA	7115.0	1514	26	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D
USKA	7120.0	1649	05	07			A3E			BC, jammed
USKA	7120.0	1649	05	07			Noise		10 kHz	Jammer
USKA	7123.0	0854	12	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D
USKA	7124.3	0854	12	07			A1			"fast dots" Jammer
USKA	7125.0	2003	01	07	GUI		A3E			Radio Conakry daily
USKA	7130.0	1654	02	07			A3E			BC
USKA	7130.0	1654	02	07			Noise		10 kHz	Jammer
USKA	7130.0	2327	24	07			A3E			BC
USKA	7140.0	1843	01	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D often
USKA	7152.5	1339	25	07			F1B	75	250	unid
USKA	7165.0	1701	02	07			A3E			BC often
USKA	7170.0	1656	02	07			A3E			BC, jammed often
USKA	7170.0	1656	02	07			Noise		10 kHz	Jammer often
USKA	7175.0	1658	02	07			A3E			BC often
USKA	7175.0	1658	02	07			Noise		10 kHz	Jammer often
USKA	7185.0	1518	26	07			A3E			BC, jammed often
USKA	7185.0	1519	26	07			Noise		10k	Jammer often
USKA	7195.0	1659	02	07			A3E			BC, unid
USKA	10125.0	1217	06	07			J3E-U		3k6	NATO in english and arabian: Warnings to Libya often
USKA	10125.0	1217	06	07			A2x		~4 kHz	sweeping jammer often
USKA	14008.0	1241	22	07			F1B	?	250	unid
USKA	14008.0	0835	25	07			F1B	50	250	unid
USKA	14090.8	0831	26	07			OFDM	?	2k8	unid
USKA	14112.7	2011	21	07			PSK-8	2400	2k4	MIL 188-110A modified often
USKA	14120.0	0649	01	07			F1A		250	
USKA	14120.0	1118	20	07			F1B	75	250	unid
USKA	14141.0	1457	24	07			F1B	75	500	unid
USKA	14234.0	0749	04	07			F1B	?	200	unid
USKA	14242.0	0901	22	07			J7D			CIS12 idling; 13 carriers only
USKA	14262.0	0844	22	07			A1A			groups of 5
USKA	14302.0	0748	20	07			OFDM60	30	2k8	60 ch 45Hz spacing, + Pilot
USKA	14325.0	0001	25	07			FMCW	66 pps	10 kHz	OTHR, Bursts: PD 3.8s; PRI 30s
USKA	14332.0	0954	25	07			J7D		2k6	CIS-12 idling (13 carriers only)
USKA	14334.0	1018	18	07			J7D	12x	2k6	CIS-12 idling (13 carriers only)
USKA	14344.7	1510	06	07			PSK-8	2400	2k4	MIL 188-110A modified Burstsystem; almost daily
USKA	18065.490	2048	18	07	US		A1			dots only (US origin)
USKA	18070.0	1045	05	07			FMCW	50 pps	20 kHz	OTHR often
USKA	18121.8	1246	22	07			?	?	2k8	Thales panther? Frequency-hopper
USKA	21000.0	1908	12	07			J3E-U		2k6	unid language
USKA	21002.150	1905	12	07	SDN		F1B	100	200	Pactor, followed by SSB
USKA	21002.150	1426	25	07	SDN	0000	F1B	200	200	Pactor
USKA	21016.0	1639	26	07					~2k8	Bursts, frequency hopper Thales panther system ?
USKA	21039.0	0741	09	07			J7D	12x120	2k6	PSK-2: CIS12 = AT3004D unstable, QRG "jumps"
USKA	21037.0	0742	09	07			J7D	12x120	2k6	new QRG, still unstable
USKA	21047.0	0753	09	07			J7D	12x120	2k6	now stable
USKA	21210.0	0752	11	07			FMCW	50 pps	20 kHz	OTHR
USKA	21110.0	0729	12	07			FMCW	50 pps	20 kHz	OTHR
USKA	21310.0	1705	08	07			FMCW	50 pps	20 kHz	OTHR
USKA	21400.0	0739	12	07			N0N			lasting carrier
USKA	28000.0	1037	21	07			N0N			long lasting carrier
USKA	28015.0	1036	15	07			F3E			French, no ham content

Veron 1 – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SHIFT	DETAILS
VERON	7038,2	20.57	1	7	RUS	L	A1A		Beacon St.Petersburg
VERON	7038,2	22.31	3	7	RUS	L	A1A		Beacon St.Petersburg
VERON	7038,2	vt	vd	7	RUS	L	A1A		L-beacon St. Petersburg, 4 days
VERON	7038,7	ADY	DLY	7	UKR	D	A1A		D-beacon
VERON	7038,7	vt	vd	7	UKR	D	A1A		Beacon Sevastopol
VERON	7038,7	vt	vd	7	UKR	D	A1A		D-beacon, Sevastopol, 5 days
VERON	7038,7	vt	vd	7	UKR	D	A1A		D-beacon
VERON	7038,8	vt	VD	7	RUS	P	A1A		P-beacon Kaliningrad, 13 days
VERON	7038,8	vt	vd	7	RUS	P	A1A		P-beacon
VERON	7038,9	20.57	1	7	RUS	S	A1A		Beacon Murmansk
VERON	7038,9	22.31	3	7	RUS	S	A1A		Beacon Murmansk
VERON	7038,9	vt	vd	7	RUS	C	A1A		C-beacon Moscow, 13 days
VERON	7038,9	vt	vd	7	RUS	S	A1A		S-beacon
VERON	7038,9	04.37	21	7	RUS	S	A1A		S-beacon
VERON	7039,0	ADY	DLY	7	RUS	C	A1A		C-beacon
VERON	7039,0	vt	vd	7	RUS	C	A1A		Beacon Moscow
VERON	7039,0	vt	vd	7	RUS	C	A1A		C-beacon
VERON	7039,2	18.15	1	7	RUS	L	A1A		L-beacon, also at 03/07
VERON	7040,0	18.15	1	7		UiCW	A1A		Strings of figures
VERON	7054,0	04.54	8	7	RUS	UiPtr	F1B	200	revs. Stops at 0458 UTC
VERON	7054,0	04.57	19	7	RUS	UiPtr	F1B	200	revs. Stops at 0458 UTC
VERON	7054,0	19.31	8	7		UiPtr	F1B	200	Revs/also 26/7
VERON	7054,0	vt	vd	7	RUS	UiPtr	F7B	500	5 channel system
VERON	7062,0	08.55	5	7		UiPTR	F1B		Ptr
VERON	7139,8	12.29	3	7		UiMux	PSK4	2k4	
VERON	7142,0	21.46	2	7		UiMux	PSK12	5k6	
VERON	7166,0	17.26	4	7	RUS	UiCW	A1A		=99?2126?9???? (2126 = UTC+4)
VERON	7166,0	17.32	19	7		UiCW	A1A		bt 99?2132?9????
VERON	7188,0	17.33	19	7		UiPTR	F1B		Ptr
VERON	7200,0	19.28	30	7		UiBC	A3E		Music & female speech;unid lang. weak signal
VERON	10108,0	13.30	5	7		UiPTR	F1B		Revs/Ptr
VERON	10112,0	14.50	18	7	TUR	UiMux	PSK8		Stanag4285
VERON	10112,0	17.27	29	7	TUR	UiMux	PSK8		Stanag4285
VERON	10130,0	08.21	20	7		UiPTR	F1B		Ptr
VERON	10135,0	19.20	8	7		OTHR	PON		radar
VERON	14000,5	08.46	25	7		UiCAR	NON		carrier S-9
VERON	14008,0	13.10	21	7	CIS	UiPTR	F1B		Carrier/Revs/Ptr
VERON	14028,0	13.36	26	7	RUS	UiPtr	F1B	250	Dotter
VERON	14069,0	07.05	6	7		UiPtr	F1B	250	Ptr
VERON	14096,0	07.00	11	7	RUS	DLZA	A1A		LGEG DE DLZA AR
VERON	14096,0	07.05	11	7	RUS	DLZA	A1A		PKFD DE DLZA QTC
VERON	14096,0	07.06	11	7	RUS	DLZA	A1A		DLZA 116 24 11 1104 116 = (5F)
VERON	14096,0	06.07	20	7	RUS	DLZA	A1A		KSSZ DE DLZA ar
VERON	14100,0	07.48	13	7	RUS	CHEM	A1A		XXX CHEM 811291 SOLANOJ 8118 0855
VERON	14108,0	08.41	1	7	RUS	I4CM	A1A		ZRG5 DE I4CM QRJ? QYT9 K
VERON	14108,0	07.22	2	7	RUS	AYVE	A1A		TO: 9PPU, ARGD, HJ2M, GX7F: proc.
VERON	14108,0	07.26	2	7	RUS	AYVE	A1A		TO: V6FL, OH8A, ZRG5: calls, proc.
VERON	14108,0	06.58	4	7	RUS	Y1CQ	A1A		Y1CQ QTC ZLM AR
VERON	14108,0	07.01	4	7	RUS	AYVE	A1A		5BL
VERON	14108,0	07.03	4	7	RUS	AYVE	A1A		proc
VERON	14108,0	06.53	5	7	RUS	AYVE	A1A		TO: 9PPU, ZRG5, ARGD, HJ2M etc: proc
VERON	14108,0	07.03	5	7	RUS	GXNN	A1A		TO: OH8A: ZFV ZBR ZAW QYT6 K
VERON	14108,00	09.54	6	7	RUS	AYVE	A1A		TO: 9PPU, ZRG5, ARGD, HJ2M etc: proc
VERON	14108,0	06.40	7	7	RUS	I4CM	A1A		ZRG5 DE I4CM ZPH ZMH ZVE QYT9 K

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SHIFT	DETAILS
VERON	14108,0	05.03	8	7	RUS	AYVE	A1A		V6FL DE AYVE QTC ZBI K
VERON	14108,0	06.41	11	7	RUS	6KEG	A1A		H67I DE 6KEG QRJ NO QRJ? QYT9 K
VERON	14108,0	07.00	12	7	?	K2SK	A1A		NTIE DE K2SK QTC K
VERON	14108,0	06.25	13	7	RUS	K2SK	A1A		6OEC DE K2SK ZCR ZXI ZKP QYT6 K
VERON	14108,0	07.19	13	7	RUS	6KEG	A1A		6OEC DE 6KEG QYT6 K
VERON	14108,0	06.33	14	7	RUS	K2SK	A1A		to: 6OEC, H67I, IT6P, LT8Y, 2PXS: proc
VERON	14108,0	06.39	14	7	RUS	K2SK	A1A		to: 9FD1, NTIE: proc
VERON	14108,0	06.20	18	7	RUS	K2SK	A1A		to: 1G6P, LT8Y, 2PXS, 9FD1, NTIE: proc
VERON	14108,0	05.07	19	7	RUS	K2SK	A1A		LT8Y DE K2SK QTC K / 5BL
VERON	14108,0	05.30	20	7	RUS	K2SK	A1A		to: 6OEC, H67I, 1G6P, LT8Y, 2PXS:proc
VERON	14108,0	05.34	20	7	RUS	K2SK	A1A		to: 9FD1, NTIE: proc
VERON	14108,0	05.10	21	7	RUS	ITC8	A1A		IVGX DE ITC8 QTC K / 5BL
VERON	14108,0	08.48	21	7	RUS	IQLG	A1A		STVP DE IQLG QLS QYT6 K
VERON	14108,0	09.09	21	7	RUS	XRQD	A1A		STVP DE XRQD ZHP ZBR ZMA QYT6 K
VERON	14108,0	09.23	21	7	RUS	ITC8	A1A		BLBE DE ITC8 QTC K / 5BL
VERON	14108,0	06.33	22	7	RUS	ITC8	A1A		to: STVP, 5IC7, FBGN etc: proc
VERON	14108,0	08.18	23	7	RUS	ITC8	A1A		to: 5IC7, FBGN, IDNU, IQZ3: proc
VERON	14108,0	08.23	23	7	RUS	ITC8	A1A		to: HZZH, BLBE: proc
VERON	14108,0	08.24	25	7	RUS	ITC8	A1A		TO 1FNU, FBGN: calls
VERON	14108,0	08.30	25	7	RUS	C1OB	A1A		XXX C1OB 6Z2S 25175 56039 NITROKSIL
VERON	14108,0	08.36	25	7	RUS	5J7Q	A1A		XXX 5J7Q TUZR 19926 22227 KISETNYJ
VERON	14108,0	08.41	25	7	RUS	1HSF	A1A		XXX 1HSF JFB5 78753 16058 PIROFOS
VERON	14108,0	08.47	25	7	RUS	XB2M	A1A		XXX XB2M 2V8I 78420 07930 GIPOFORIN
VERON	14108,0	08.52	25	7	RUS	WRNU	A1A		XXX WRNU LNR4 39196 43640 LIPUNOK
VERON	14108,0	08.59	25	7	RUS	ITC8	A1A		LQZ3 DE ITC8 QTA QLX K
VERON	14108,0	07.12	28	7	RUS	ITC8	A1A		STVP DE ITC8 QTC K / 5BL
VERON	14108,0	11.12	13	7		K2SK	A1A		6OEC de K2SK qtc 696 dddd SKVPB etc
VERON	14108,0	09.20	14	7		K2SK	A1A		WYLT de K2SK tfc
VERON	14108,0	09.21	14	7		K2SK	A1A		H67N de K2SK 106P K
VERON	14108,0	09.22	14	7		K2SK	A1A		2PXS de K2SK K
VERON	14108,0	08.47	25	7		UjCW	A1A		5F
VERON	14108,0	08.52	25	7		LNR4	A1A		WRNU de LNR4 xxx xxx 39196 43640 etc
VERON	14108,0	08.00	28	7		ITC8	A1A		BLBE DE ITC8 QTC K / 5BL
VERON	14108,0	09.43	1	7	CIS	I4CM	A1A		ZRG5 de I4CM QBE QYT9 k
VERON	14108,0	09.04	5	7	CIS	GXNN	A1A		ARGD de GXNN QBE QYT9 k
VERON	14108,0	09.06	5	7	CIS	GXNN	A1A		HJ2M de GXNN QBE QYT9 k
VERON	14108,0	09.10	5	7	CIS	GXNN	A1A		..7F de GXXN ZRN ZBZ ZYE QYT6 k
VERON	14108,0	11.15	5	7	CIS	AYVE	A1A		OH8M de AYVE 5BL (ending 455 k)
VERON	14108,0	10.05	6	7	CIS	AYVE	A1A		9PPU de AYVE ZYI ZER ZXM QYT6 k
VERON	14108,0	09.14	20	7	CIS	K2SK	A1A		1G6P de K2SK 5BL
VERON	14108,0	10.55	20	7	CIS	K2SK	A1A		MKXG de K2SK 5BL (ending 315 ar)
VERON	14108,0	11.10	22	7	CIS	ITC8	A1A		5BL (ending 403 rpt al k)
VERON	14108,0	11.14	30	7	CIS	ITC8	A1A		1DNU de ITC8 5BL (ending 968 rpt al k)
VERON	14108,0	08.30	25	7	RUS	C1OB	A1A		0543 4262 CITONAL 6288 4436 K
VERON	14108,0	08.36	25	7	RUS	5J7Q	A1A		4761 7008 WISLATINA 6774 2103 K
VERON	14108,0	08.41	25	7	RUS	1HSF	A1A		5504 1805 PIRIDON 9096 9427

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SHIFT	DETAILS
									K
VERON	14108,0	08.47	25	7	RUS	XB2M	A1A		3508 3380 TIPIOESWKIJ 1893 6384 K
VERON	14110,0	10.02	11	7	?	UiCW	A1A		5BL, proc
VERON	14110,0	10.56	11	7	?	YXHN	A1A		DGV6 DE YXHN K
VERON	14110,0	10.57	11	7	?	PNB7	A1A		DGV6 DE PNB7 K
VERON	14110,0	13.41	11	7	?	QLBB	A1A		ICDK DE QLBB OK ZWO ZSA ZBL QYT6 K
VERON	14120,0	08.14	20	7	?	UiPtr	F1B	250	ptr
VERON	14120,0	09.25	1	7		UiPTR	F1B		Revs/Ptr, also at 20/07
VERON	14123,1	23.09	3	7	F	UnLis	J3E-1		Male voices; any calls hrd in 5 minutes
VERON	14154,0	22.38	9	7					Frequency hopper
VERON	14159,9	12.59	1	7		UiPtr	F1B	250	
VERON	14160,0	13.01	1	7		UiPTR	F1B		Ptr
VERON	14172,0	09.02	25	7		UiCW	A1A		5F RPT PBLK many times
VERON	14172,0	09.25	1	7	CIS	LFMV	A1A		5BL (ending 017 k)
VERON	14192,0	vt	vd	7	RUS	UiPtr	F1B	500	Dotter
VERON	14192,0	vt	vd	7		UiPTR	F1B		Revs/Ptr
VERON	14194,5	14.27	1	7		UiBC	A3E		Distorted signal; house music;s9+10
VERON	14213,0	07.55	28	7		UiCAR	NON		carrier S-9
VERON	14221,0	08.12	8	7	RUS	RJE56	A1A		RJS de RJE56 QSA? K (several times)
VERON	14239,0	09.04	13	7	RUS	UiMUX	FSK		12 MPSK AT 3004-D
VERON	14244,0	08.32	12	7	RUS	UiMUX	FSK		12 MPSK AT 3004-D
VERON	14274,0	07.53	28	7		UiCAR	NON		carrier S-9
VERON	14300,0	10.12	29	7		UiMUX	FSK		12 MPSK AT 3004-D
VERON	14335,0	07.52	28	7		UiCAR	NON		carrier S-9
VERON	18120,0	18.44	3	7		UiRadar	PON		OTHR; 50pps; 20k spread
VERON	18168,0	12.02	3	7		UiRadar	PON		OTHR; 50pps; 20k spread
VERON	18173,0	18.46	3	7		UiRadar	PON		OTHR; 50pps; 30k spread
VERON	21315,0	18.41	3	7					Frequency hopper
VERON	24997,0	17.06	1	7		UiRadar	PON		Codar; 160k spread
VERON	24997,0	09.49	2	7		UiRadar	PON		Codar; 160k spread
VERON	24997,0	18.36	3	7		UiRadar	PON		Codar; 160k spread

IARUMS Region 1

Many thanks for your interest!

The monitoring team of IARU Region 1

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