International Amateur Radio Union

Region 1

Monitoring System

- IARUMS Region 1 -

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The monthly newsletter for Region 1

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Acknowledgements

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++ 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 – now available on http://www.iarums-r1.org
Soundfiles – now - http://www.iarums-r1.org
Latest Intruder News – often updated - http://www.iarums-r1.org –

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Part 1: News and infos

1. **28100.0 – DRM transmissions**
   The TU in Delft / Netherlands wanted to test DRM transmissions. They tried to get a permission from the Dutch authorities for transmissions below 28 MHz, but no success. So they decided to transmit their DRM tests on 28100 kHz with a bandwidth of 5 kHz using a Dutch amateurcall. This action seemed not to be coordinated with the VERON and the IARU Region 1. Our internal bandplans in Region 1 do not allow wideband digital transmissions in this range. As we have been told, the project has been stopped.

2. **DPRK-FSK on 14038.5 – 14098.420 - 14248.5 kHz - 14333.420 kHz**
   The North Korean embassy in Tripolis (Libya) or MFA Libya are still abusing the 14 MHz-band daily.
   14038.500 kHz: daily at 1800 utc --- FSK, 600 Bd, 600 Hz shift ---
   14098.420 kHz: daily at 1500 – 1700 utc --- FSK, 600 Bd, 600 shift ---
   14248.500 kHz: daily at 1200 utc --- FSK, 1200 Bd, 625 Hz shift --- new on 20 m-band
   14333.420 kHz: daily at 1430 utc --- FSK, 600 Bd, 600 Hz shift ---

3. **28000 – 29700 CIS taxi cabs, many Spanish, French and Italian CB like intruders**
   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 from the taxi. Sometimes you can hear the telephone dial tones, too.
   Much CB like traffic was heard from France, Spain and Italy in AM and FM.

4. **28105 kHz – 28285 kHz - Catholic divine illegal broadfcast finished now**
   The last days of August 2007 we could not find any divine broadcast on 28105 and 28285.
   Our friends in Ireland could identify the illegal services. The Irish authorities have been informed.
   We expect, that these problems will be solved very soon.

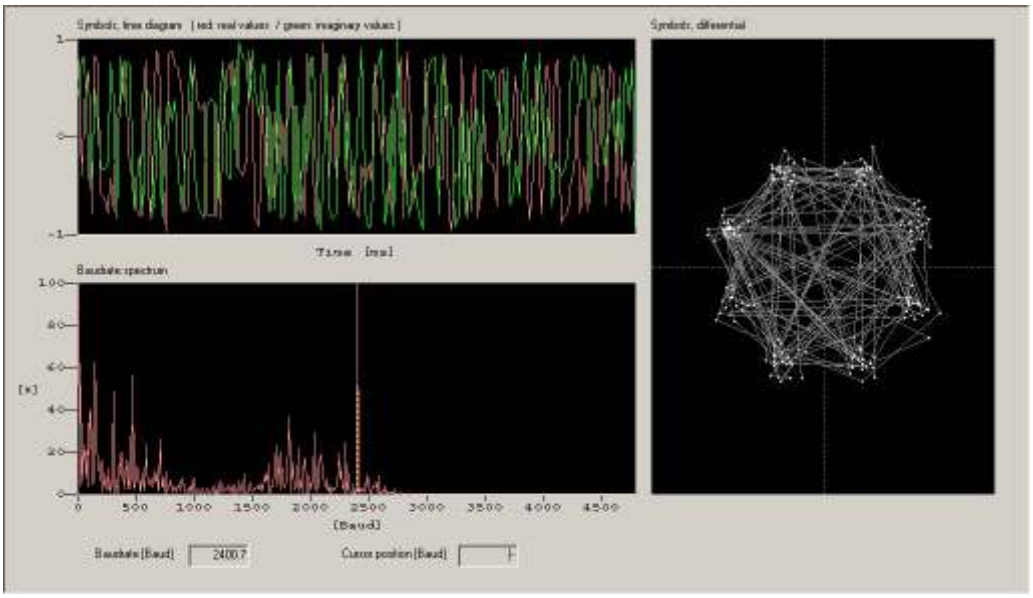
5. **14262.0 Uniden carrier with CW**
   We found a carrier on 14262 kHz transmitting with many interrupts. From time to time you can hear encrypted CW on this QRG. The location is the area of Smolensk in Russia.

6. **14112 Spanish pirate net**
   We observed a Spanish pirate net on 14112 kHz in USB every evening at 1900 utc and later.
   The male persons were talking about ships, sea, money and families, no callsigns. The German PTT was informed.

7. **Spanish Pirate Invasion**
   7000, 14000, 14014.5, 14100, 14112, 14114.5, 14320, 14350, 21000, 21100 **USB** – Spanish fishery and family traffic, daily, various times!

9. **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

MIL-1881-110A on 7006.700 kHz – 2400 Bd, 8PSK, uniden MIL – 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	6999.0	vt	dly	8	ETH?	UiPHONE	J3Eu	Amharic. Spreads into 40 m. band.
ARSK	7000.0	vt	dly	8	SOM	UiPHONE	J3Eu	Somalis. Phone patching.
ARSK	7002.0	0610	29	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7008.0	vt	dly	8	SDN	M7, M10, M18, M21, M22, M125, 35, CM, others	J3E J3Eu	English, vernaculars, verbal Morse.Selcal. SPLA.
ARSK	7009.0	1250	29	8	ZAI?	UiPHONE	J3Eu	KiSwahili.
ARSK	7012.0	vt	dly	8	SOM	Kismayu, Afmadu, Dobleh, Baidoa?	J3Eu	Somalis, SelCal. Some KiSwahili, prob. Bajuni.
ARSK	7013.0	vt	*	8	SOM	UiPHONE	J3Eu	Somalis. *20,
ARSK	7015.0	0720	20	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7017.0	0724	20	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7020.0	0614	20	8	ZAI	UiPHONE	J3Eu	French, KiSwahili.
ARSK	7026.0	vt	dly	8	SDN	Twiga, K1, K2, K3, JB, RS, V1, V2, P2, IF, CF, LS,	J3Eu	English, NGO. Selcal. (Twiga = giraffe in KiSwahili.)
ARSK	7030.0	0625	29	8	SOM	UiPHONE	J3Eu	Somalis. Calling Djubouti.
ARSK	7045.0	vt	dly	8	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	8	TZA	Mafia, Songea, Lindi, Kalungu, Korogwe, Kilwa, Sumbawanga, Korogwe	J3E J3Eu	Tanzania Electricity Supply Co. Not very active and suffers inteference from Sudanese intruders.
ARSK	7045.0	vt	dly	8	ZAI	Bukavu	J3Eu	KiSwahili, French.
ARSK	7048.0	vt	dly	8	SDN	WA, S, T, SM, AU, PK, PS, AC, BC, B15,CC, Malakal, Yambio,	J3E	English, vernacular, verbal Morse. NGO or SPLA?
ARSK	0748.0	vt	24	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7050.0	vt	dly	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7050.0	vt	dly	8	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	vt	*	8	SOM	UiPHONE	J3Eu	Somalis.*
ARSK	7058.0	1447	24	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7065.0	vt	dly	8	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7066.0	vt	dly	8	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	8	SOM ERI	Asmara, Afmadu, Dobleh, Baidoa,	J3Eu	Somalis. SelCal. Often late at night.

H'd by	kHz	UTC	DD	MM	ITU	Identity	Mode	Details
						Merere, Garoe, Burhane, Mogadishu, Kismayu, Beletwein		
ARSK	7075.0	vt	dly	8	SOM	Galkayu, Kismayu, Baidoa	J3E J3Eu	Somalis. SelCal, phonepatching.
ARSK	7092.0	0725	20	8	SOM	UiPHONE	J3Eu	Somalis.

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
DARC	3500,0	1840	01	08	J3E-U	HOL	UiILL	Dutch pirates, engine noise
DARC	3500,0	2137	07	08	J3E-U	E	UiILL	Spanish fishery
DARC	3542,0	0645	07	08	A3E	F	UiILL	French Amateurs, disrespect of IARU Bandplan
DARC	3551,0	0644	07	08	J3E-U	F	UiILL	French pirates, no calls
DARC	6996,0	1712	23	08	J3E-U	GRC	UiILL	male traffic in Greek, 2 stations, both stations distorted modulation and splattering into ham band
DARC	6999,0	0854	24	08	J3E-U		UiILL	unid male voices
DARC	7000,0	0647	07	08	J3E-U	E	UiILL	Spanish fishery
DARC	7000,0	1913	15	08	J3E-U	E	UiILL	Spanish fishery
DARC	7000,0	1500	25	08	J3E-L	I	Italian Amateurs	using LSB, that is out-of-band operation!
DARC	7003,0	1004	03	08	J9WWF	E	UiILL	voice scrambler system "CRY-2001", is Spanish fishery
DARC	7003,0	1845	14	08	J9WWF	E	UiILL	voice scrambler system "CRY-2001", is Spanish fishery
DARC	7005,0	1800	19	8	J9WWF		UiILL	male scrambled voices, encoding signal like teleprinter
DARC	10120,0	1642	11	08	J3E-U	E	UiILL	Galician fishery
DARC	10123,0	vt	vd	08	J3E-U	G	UiILL	British pirates heard 07 - 09 at 0909, 0811, 0728 - fishery, obscene!
DARC	10125,0	vt	vd	08	J3E-U	F	French Amateurs	French Amateurs, disrespect of IARU Bandplan, heard 07 20 22 at 0700, 0849, 0839
DARC	10132,0	vt	vd	08	J3E-U	F	French Amateurs	French Amateurs, disrespect of IARU Bandplan, heard 13 18 at 0904, 1010, 1000
DARC	10133,0	vt	vd	08	J3E-U	F	French Amateurs	disrespect of IARU bandplan, French Amateurs heard 06 09 at 1012, 0956
DARC	10135,0	vt	vd	08	J3E-U	F	French Amateurs	disrespect of IARU bandplan, French Amateurs heard 06 12 at 1017 - 1030
DARC	10135,9	0924	08	08	J3E-U	F	F6DLX/p	OP Régis, Boulogne-sur-Mer, - violation of IARU Bandplan - no SSB allowed! - F6DLX/p on 21 Aug 2006 has already been on 10132 kHz in SSB! - Hardcore Offender!
DARC	10135,9	0924	08	08	J3E-U	F	F6DCN	OP Hervé - violation of IARU Bandplan - no SSB allowed!
DARC	10136,0	vt	vd	08	J3E-U	F	French Amateurs	disrespect of IARU bandplan, French Amateurs heard 01 05 080 09 10 17 18 19 20 21 22 at 0900 - 1000 - daily
DARC	10137,0	0855	19	08	J3E-U	F	UiILL	French Amateurs, disrespect of IARU Bandplan
DARC	10137,0	vt	19	08	J3E-U	F	F6HSJ/p	OP Patrick - heard 0915 - 0925
DARC	10137,0	vt	19	08	J3E-U	F	F5SPW/p	OP Daniel - heard 0915 - 0925
DARC	10137,0	vt	19	08	J3E-U	F	F6HSQ/p	OP Bernard, Roubaix, Dept. 59 - heard 0915 - 0925
DARC	10137,0	vt	19	08	J3E-U	F	F6FIU	OP Eric, Villeneuve d' Ascq - heard 0915 - 0925
DARC	10138,0	0943	10	08	J3E-U	F	French Amateurs	French Amateurs, disrespect of IARU Bandplan
DARC	10146,0	0946	12	08	J3E-U	F	French	French Amateurs, disrespect of IARU

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
							Amateurs	Bandplan
DARC	10149,2	2110	23	08	J3E-U	E	UiILL	Spanish fishery
DARC	10150,0	0851	25	08	J3E-U	E	UiILL	Spanish fishery
DARC	14000,0	0804	01	08			UiILL	Arabic male net, roger beep
DARC	14000,0	0625	08	08	J3E-U	S.As	UiILL	pirate net from Sri Lanka ?
DARC	14000,0	1402	29	08	A3E	ISR	PCD	female voice
DARC	14000,0	vt	29	08	J3E-U	ISR	Mossad	female spelling letters in NATO alphabet, heard 1504 - 1508
DARC	14000,5	1030	10	08	J3E-U		UiILL	pirates
DARC	14001,0	1147	25	08	J3E-U	S.Ea	UiILL	pirates
DARC	14001,4	1700	05	08	J3E-U		UiILL	pirates QTE 270 degs.
DARC	14001,5	vt	vd	08	J3E-U	S.As	UiILL	pirates, Sri Lanka or Madgascar, heard 17 19 25 at 1140, 1340, 1320
DARC	14005,0	0710	16	08	J3E-L		UiILL	unid pirates
DARC	14012,0	0656	28	08	J3E-U	E	UiILL	2 male persons, engine noise (fishery, truck drivers?)
DARC	14014,3	1949	28	08	J3E-U	E	UiILL	Spanish fishery
DARC	14015,0	1835	28	08	J3E-U	Af	UiILL	pirates, QTE 170 degs.
DARC	14040,3	vt	31	08	J3E-U	MRC	UiILL	male person, shrieky voice, Arabic dialect, heard 2004 - 2011
DARC	14044,0	2129	08	08	J3E-U	MRC	UiILL	Moroccan fishery?
DARC	14050,0	0949	23	08	J3E-U		UiILL	pirates
DARC	14072,0	1209	28	08	J3E-U		UiILL	2 male persons, unid language
DARC	14086,0	1512	20	08	J3E-U		UiILL	male pirates
DARC	14094,5	0842	30	08	J3E-L	CIS / RUS	UiILL	male in Russian voice
DARC	14100,0	vt	10	08	J3E-U	E	UiILL	male to female in Spanish plain voice, no hams - heard 1605 - 1612 - file 005
DARC	14100,0	2050	15	08	J3E-U	E	UiILL	Spanish fishery
DARC	14100,0	0835	24	08	J3E-U	E	UiILL	José with Pedro, Spanish voice, S9+20dB-signal, no hams
DARC	14101,0	vt	29	08	J3E-U	M.Ea	UiILL	2 male persons exchanging messages in Arabic, also phone patches - heard 1508 - 1531 - s/off after request / Amateur
DARC	14111,9	1303	27	08	J3E-U	S.As	UiILL	Hindi voice
DARC	14112,0	vt	28	08	J3E-U	E	UiILL	2 male persons in Spanish plain voice, "barco" often mentioned - heard 1212 - 1220 s/off
DARC	14112,0	vt	28	08	J3E-U	E	UiILL	2 male persons, "yak' i" often mentioned, heard 1915 - 2000 s/off
DARC	14112,0	1920	29	08	J3E-U	E	UiILL	Spanish fishery
DARC	14114,5	1914	30	08	J3E-U	E	UiILL	Spanish fishery, see 21112
DARC	14114,5	vt	31	08	J3E-U	E	UiILL	2 male persons, talking about decharging ships, location "22° ?5 N - 16 ° 59 W" on the way to the Canary Islands - heard 1930 - 1944 s/off - responding to Amateur and leaving the frequency
DARC	14225,0	1447	08	08	J9WWF		UiILL	scrambled voice with encoding signal (sounds like printer)
DARC	14265,0	vt	27	08	J3E-U	KOR	UiILL	2 male persons in Korean voice, QTE 235 degs, so possibly fishery, heard 0808 - 0818
DARC	14320,0	2030		08		E	UiILL	Spanish family traffic, male to female
DARC	14320,0	1612	07	08	J3E-L	Af	UiILL	Ar and French traffic, male to female
DARC	14330,0	1500	23	08	J3E-U	ROU?	UiILL	woman talking about "documents"
DARC	14350,0	2024/	08	08	J3E-U	E	UiILL	Spanish male, family traffic
DARC	14350,0	1949	16	08	J3E-U	E	UiILL	Spanish fishery
DARC	14350,0	vt	vd	08	J3E-U	E	UiILL	Spanish family traffic, male to female, heard 01 05 at 2035, 1937
DARC	21000,0	2023		08	J3E-U	B?	UiILL	pirates in Port. voice, Brasil?
DARC	21000,0	0748	21	08	J3E-U	E	UiILL	Spanish male: "Estoy por aqui"
DARC	21000,0	vt	vd	08	J3E-U	MRC	UiILL	Moroccan fishery? Heard 18o 22 at 0856, 1009
DARC	28000,0	vt	04	08	F3E	HRV	UiILL	3 male persons in Bosnian or Croatian

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	REMARKS
								language, heard 0909 - 0929
DARC	28000,0	vt	vd	08	F3E	CIS / RUS	UiILL	CIS taxi cabs 28000 - 29700
DARC	28005,0	0924	04	08	F3E	HRV	UiILL	3 male persons in Bosnian or Croatian language, from 28000
DARC	28015,0	0927	04	08	F3E	HRV	UiILL	3 male persons in Bosnian or Croatian language, from 28005
DARC	28035,0	1941	18	08	A3E	E	UiILL	Spanish CB-ers
DARC	28055,0	1055	15	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28055,0	0746	16	08	A3E	E	UiILL	Spanish CB-ers
DARC	28064,0	0552	09	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28070,5	1925	14	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28083,0	0611	24	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28085,0	0930	20	08	A3E	E	UiILL	Spanish CB-ers
DARC	28104,0	1744	22	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28104,5	vt	09	08	N0N	IRL	Divine Service	carrier 0845 - 0900, 0949
DARC	28105,0	0902	09	08	F3E	IRL	Divine Service	divine service, max S4, later fading out
DARC	28105,0	1053	15	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28105,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28115,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28125,0	0914	10	08	F3E	S.Eu	UiILL	2 male persons in Bosnian or Croatian voice
DARC	28135,0	0940	15	08	A3E	E	UiILL	Spanish male person
DARC	28135,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28145,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28155,0	1903	05	08	A3E	IRL	UiILL	CB-ers in Italian voice
DARC	28155,0	0412	13	08	A3E	F	UiILL	net in French voice
DARC	28165,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28184,5	0656	17	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28185,0	0649	17	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28194,5	1914	14	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28205,0	0943	29	08	A3E	E	UiILL	2 male persons in Spanish plain voice
DARC	28235,0	1900	15	08	A3E	E	UiILL	Spanish CB-ers, mostly children
DARC	28245,0	1100	15	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28245,0	1904	15	08	A3E	E	UiILL	Spanish CB-ers, mostly children
DARC	28253,0	0613	24	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28255,0	0614	24	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28265,0	1059	15	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28275,0	1052	15	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28285,0	0915	09	08	F3E	IRL	Divine Service	divine service, weak, other than 28105
DARC	28285,0	1850	21	08	A3E	E	UiILL	Spanish CB-ers
DARC	28300,0	0618	24	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28324,5	1734	22	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net
DARC	28356,5	1049	13	08	F3E	CIS / RUS	UiILL	Russian female voice, is net control of a (taxi?) net

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

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	3756,0	1956	11	08	A3E	UKR	The Pip			UKR-MIL, 10 tones
DARC	3800,0	1834	09	08	A3E		UiBC			unid BC with wobble jammer
DARC	3800,0	1834	09	08	JAM		UiJAM			wobble jammer, 1900: nil
DARC	7000,0	vt	08	08	G7B		UiMUX			frequency hopper heard 08 24 at 1907, 1853, dly vt
DARC	7000,0	vt	vd	08	A3E	BLR	Radio Belarus			splatters or IM of Radio Belarus on 7105
DARC	7003,0	1959	16	08	G7B		UiMUX			frequency hopper
DARC	7003,0	vt	vd	08	FSK8		UiMUX	125	1750	ALE, heard 02 16 29 US MIL
DARC	7006,7	1929	16	08	G7B		UiMUX			MIL-188-110A, 2k4, 8 PSK, unid
DARC	7007,0	1921	28	08	F1B	RUS	UiPTR	51,5	750	unid printer
DARC	7010,0	0910	17	08	J7D		UiMUX			12-tone-system AT-3004-D
DARC	7011,8	0900	14	08	G7B		UiMUX	2k4		MIL-188-110A, 2k4, 8 PSK, unid
DARC	7016,0	0835	21	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	7018,9	1004	22	08	F1B		UiPTR	52.8	400	unid printer
DARC	7025,0	1334	29	08	F1B		UiPTR			printer and reversals
DARC	7033,7	0612	01	08	G7B	UKR	MUX Sevasto-pol	2k4		STANAG-4285, 8PSK - location is Sevastopol
DARC	7038,7	0812	01	08	A1A	UKR	beacon D Seva-stopol			located Sevastopol, heard all month 0725 - 1959
DARC	7038,8	0950	01	08	A1A	RUS	beacon P Kalinin-grad			located Kaliningrad
DARC	7038,8	vt	vd	08	A1A	RUS	beacon P Kalinin-grad			located Kaliningrad, heard all month at 2006, 0646, 0939, 1440, 1718, 2100
DARC	7039,0	0850	01	08	A1A	RUS	beacon C Moscow			located Moscow, heard all month at 0650 - 2000
DARC	7039,6	0814	01	08	A1A	I	IZ3DVW / Beacon			unwanted beacon heard 01 04 21 at 0814, 0727
DARC	7054,0	vt	vd	08	F1B	RUS	Nishny Novgoro d	50	250	very active and harmful station, located Novgorod, heard all month at 1900 - 2150
DARC	7061,2	1928	28	08	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7061,4	2118	17	08	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7065,8	1613	02	08	F1B	RUS	UiPTR	41	500	system FROST-1
DARC	7070,0	1947	25	08	FSK8	CHN	UiMUX	125	1750	ALE, selcalls 204, 288
DARC	7076,0	0954	28	08	F1B	RUS	UiPTR	81	250	system 81
DARC	7078,4	2159	24	08	A1A	CHN	L9CC			roundslip "CP17 DE L9CC"
DARC	7090,0	2126	11	08	A3E	UKR	Radio Belarus			splatters from 7105 kHz
DARC	7090,0	2156	26	08	A3E	BLR	Radio Minsk			splatters from 7105 kHz
DARC	7090,0	0808	28	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	7090,0	vt	vd	08	A3E	BLR	Radio Belarus			splatters of Radio Belarus on 7105 down till 7090
DARC	7092,0	2106	18	08	FSK8		UiMUX	125	1750	system ALE, selcalls 2011, 2014 – daily; prob. Turkish Red Crescent
DARC	7092,0	2152	24	08	A3E	BLR	Radio Minsk			splatters from 7105 kHz
DARC	7092,0	1835	dly	08	A3E	BLR	Radio Minsk			splatters from 7105 down till 7092

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	7099,0	1850	28	08	J7D	RUS	UiMUX	12x 120		12-tone system AT-3004-D, heard 28 30 at 0950, 0650
DARC	7100,0	vt	vd	08	A3E	KOR	Radio Korea (North)			program heard 08 10 at 1830 - 1931
DARC	7100,0	1549	15	08	A3E	ERI	Voice of the Broad Masses			Af tribal music heard 1549 - 1718, 6 reports all month, S9+10dB-signal
DARC	7101,9	1510	07	08	F1C	G	UiMUX			weather fax splattering into ham band - report to KON
DARC	10101,0	1044	dly	08	F1B		UiPTR			unid printer daily 1044, 1402, 1934
DARC	10103,3	1402	19	08	4PSK	CHN	UiMUX			PRC4+4, 8 x 75 Bd, QPSK
DARC	10104,0	0816	dly	08	FSK8		UiMUX			system ALE, selcalls "AB", "APP"
DARC	10104,7	2144	19	08	G7B		UiMUX			STANAG-4285, 2400 Bd, 8PSK, is Turkish MIL
DARC	10104,7	vt	vd	08	G7B		UiMUX			STANAG-4285, 2400 Bd, 8PSK, is Turkish MIL, heard 21 23 at 0838, 1023
DARC	10108,0	0836	29	08	F1B	CHN	UiPTR	50	200	unid printer
DARC	10108,0	1057	29	08	F1B		UiPTR			reversals
DARC	10112,0	0815	01	08	G7B	TUR	UiMUX	2k4		STANAG-4285, 2400 Bd, 8PSK, is Turkish MIL
DARC	10112,0	1044	09	08	MFSK8		UiMUX			mux rushing noise
DARC	10114,7	0658	14	08	F1B	RUS	UiPTR	96	1000	unid printer system CIS-14
DARC	10118,0	1410	01	08	F1B	RUS	UiPTR	40,8	250	system FROST-1
DARC	10118,0	0659	07	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	10118,0	1615	16	08	F1B	RUS	UiPTR	100	250	unid printer
DARC	10125,0	1208	12	08	FSK8	ALG	UiMUX	125	1750	ALE, selcalls TRP, MAE - is Algerian MFA
DARC	10125,0	1254	21	08	FSK8		UiMUX			ALE, selcall T18Z2, is US-MIL
DARC	10125,0	2103	22	08	P0N	G / CYP	British OTH-Radar			system 50 Hz
DARC	10125,0	2108	22	08	P0N	G / CYP	British OTH-Radar			system 50 pps (50 Hz-system)
DARC	10126,0	0713	11	08	J7D	RUS	UiMUX			12-tone system AT-2004-D
DARC	10130,0	2225	18	08	F1B	CIS	UiPTR	50	800	unid printer
DARC	10130,0	vt	vd	08	P0N	G / CYP	British OTH-Radar			system 50 Hz heard 19 30 at 1204, 0845 - is 30 kHz wide
DARC	10133,0	1036	06	08	G7B		UiMUX			frequency hopper
DARC	10133,0	0956	28	08	J7D	RUS	UiMUX			12-tone system AT-3004-D, heard 28 30 at 0950, 0650
DARC	10133,8	1958	07	08	F1B		UiPTR	46	170	unid ARQ-E
DARC	10134,0	1458	09	08	FSK8		UiMUX			ALE, selcalls T45MED, TC2135 - is US MIL
DARC	10135,0	1438	09	08	FSK8		UiMUX			ALE, selcalls NAP, RCP, NAI, RCI – is Saudi Arabian Military
DARC	10136,0	0935	15	08	G7B		UiMUX			frequency hopper
DARC	10140,0	1630	12	08	P0N	G / CYP	British OTH-Radar			system 50 Hz
DARC	10140,0	1841	26	08	G7B		UiMUX			frequency hopper
DARC	10145,0	0943	09	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	10145,0	1829	09	08	P0N	G / CYP	British OTH-Radar			50-Hz-system (50 pps)
DARC	10145,0	1002	22	08	P0N	G /	British			chirping pulses, 50 Hz

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
						CYP	OTH-Radar			system
DARC	10146,0	0852	24	08	F1B		UiPTR			fast reversals
DARC	10147,0	1000	13	08	F1B	F	F5IF	45		French lis Radio Amateurs
DARC	10147,0	1000	13	08	F1B	F	F5QF	45		French lis Radio Amateurs
DARC	10148,0	0728	09	08	FSK8		UiMUX			ALE
DARC	10150,0	0857	15	08	G7B		UiMUX			frequency hopper
DARC	14000,0	0937	01	08	P0N	G / CYP	British OTH-Radar			chirping pulses, 50 Hz system
DARC	14000,0	0856	13	08	noise	M.Ea	UiMOD			"noise" wideband 7 kHz
DARC	14000,0	vt	23	08	N0N	ISR	UiCAR			unid carrier heard 1604 - 1716
DARC	14000,0	vt	24	08	N0N	ISR	UiCAR			carrier heard 0833 - 0850
DARC	14000,0	0621	25	08	N0N	ISR	UiCAR			is Mossad
DARC	14000,0	1926	27	08	A3E	ISR	ART			female voice, is Mossad
DARC	14000,0	1402	29	08	A3E	ISR	PCD			female voice, is Mossad
DARC	14000,0	1319	31	08	N0N		UiMOD			strong hum on carrier
DARC	14000,0	vt	vd	08	G7B		UiMUX			frequency hopper heard 03 05 17 at 1940, 0846, 1338
DARC	14001,0	0847	20	08	N0N		UiCAR			unid carrier
DARC	14002,0	vt	vd	08	F1B		UiPTR	300	835	unid FSK
DARC	14003,0	0717	30	08	F1B	RUS	UiPTR	50	250	unid printer
DARC	14007,0	1322	27	08	F1B		UiPTR			unid printer
DARC	14008,0	vt	dly	08	F1B	RUS	UiPTR			unid printer heard 0839 - 1310, heard 01 23 27 - location is Velikiye Luki
DARC	14021,0	00840	30	08	F1B	RUS	UiPTR	50	250	unid printer
DARC	14026,0	0739	03	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	14028,0	0758	26	08	F1B		UiPTR			unid printer
DARC	14030,0	0657	16	08	XXX		UiMUX			wideband transmission
DARC	14030,0	0730	16	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	14034,0	0841	30	08	F1B	RUS	UiPTR	50	250	unid printer
DARC	14035,0	1151	08	08	A3E		UiBC			unid BC
DARC	14037,0	1730	23	08	G7B		UiMUX			frequency hopper
DARC	14038,5	vt	dly	08	FSK	LBY	LBY MFA	600	600	DPRK-FSK, heard daily 1728 - 1737
DARC	14050,0	1903	09	08	FSK8		UiMUX	125	1750	ALE, selcalls 101, 107; prob. Chinese Military
DARC	14050,2	0747	21	08	F1B		UiPTR			unid printer
DARC	14051,0	1538	17	08	G7b		UiMUX			frequency hopper
DARC	14075,0	0806	22	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	14090,0	2208	24	08	A3E	HUN	UiBC			Hungarian px
DARC	14091,0	vt	vd	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	14091,0	vt	vd	08	J7D	RUS	UiMUX			12-tone system AT-3004-D, heard 28 30 at 0950, 0650
DARC	14104,0	0801	03	08	F1B		UiPTR			unid printer
DARC	14104,0	0846	10	08	F1B		UiPTR			unid printer, fast reversals
DARC	14104,0	0758	26	08	F1B		UiPTR			unid printer
DARC	14104,0	0840	31	08	F1B		UiPTR			unid printer, fast reversals
DARC	14104,0	vt	vd	08	F1B	BLR	UiPTR	81	250	unid printer located Minsk 28 reports all month, times 0710 - 0918
DARC	14109,5	0905	10	08	XXX		UiMUX			ALE heard
DARC	14110,0	0910	11	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	14116,0	0934	06	08	F1B	RUS	UiPTR	50	250	unid printer
DARC	14116,0	1022	14	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	14117,0	0801	03	08	J7D		UiMUX			multiplex A-3004-D
DARC	14118,0	0742	12	08	A1A		DOMN			encrypted CW
DARC	14118,0	0742	12	08	A1A		WTZE			encrypted CW
DARC	14118,0	0656	14	08	A1A		UiCW			encrypted CW, 5L groups
DARC	14118,0	0627	21	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	14120,0	0927	29	08	F1B		UiPTR			unid printer

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	14120,0	vt	dly	08	F1B	RUS	UiPTR	81	250	15 reports all month, heard 0645 - 1207
DARC	14122,0	0844	24	08	J7D		UiMUX			12-tone system AT-3004-D, heard 02 05 08 24 at 0653 - 0951
DARC	14131,0	0730	21	08	J7D		UiMUX			12-tone system AT-3004-D
DARC	14141,0	0626	15	08	F1B	RUS	UiPTR	75	500	unid printer
DARC	14142,0	0857	13	08	F1B	RUS	UiPTR	75	250	unid printer
DARC	14160,0	0742	03	08	F1B	RUS	UiPTR	50	250	unid printer
DARC	14160,0	vt	03	08	F1B		UiPTR			unid printer heard 0801 - 1158
DARC	14177,0	0626	15	08	F1B	RUS	UiPTR	75	500	unid printer
DARC	14184,0	0920	22	08	F1B	RUS	UiPTR	81	250	unid printer system 81
DARC	14186,0	0733	16	08	J7D	RUS	UiMUX			12-tone system AT-3004-D heard 16 - 30, 10 reports, times 0650 - 0950
DARC	14192,0	0804	27	08	F1B	RUS	RUS Navy Kalinin-grad			fast reversals
DARC	14192,0	vt	vd	08	F1B	RUS	RUS Navy Kalinin-grad	50	500	heard 22 25 27 28 at 0608-1734
DARC	14204,0	0801	03	08	F1B		UiPTR			unid printer heard 03 10 27 28 31 at 0800 - 0940
DARC	14206,5	1151	08	08	F1B		UiPTR			unid printer
DARC	14210,0	vt	21	08	A3E	ALB	Radio Tirana			Albanian px, S8, 2f de 7105, heard 0738 - 0808
DARC	14210,0	0804	27	08	A3E		Radio Tirana			S8-signal, 2f
DARC	14210,0	0756	28	08	A3E	ALB	Radio Tirana			jingle, S9+10dB, is 2f of 7105
DARC	14218,3	0659	30	08	F1B	CIS	UiPTR	100	250	unid printer ACF=14
DARC	14220,0	1045	23	08	P0N		Ui OTH-Radar			OTH-Radar?
DARC	14220,0	1606	23	08	A3E		UiBC			S9+5-signal, distorted
DARC	14236,8	0824	01	08	N0N		UiCAR			unstable carrier, reported to KON
DARC	14240,0	vt	vd	08	A3E		Radio Rossiye			Ru px heard 10 21 22 31 at 1900, 1330, 1900-, S9+10dB, 2f
DARC	14240,0	0744	21	08	A1A		UiCW			procedures "QRJ? QJZ"
DARC	14240,0	1250	22	08	F1B		UiPTR			unid printer
DARC	14240,0	1331	31	08	A3E	RUS	Radio Rossiye			Ru px, S8, 2f - ann.: 1332
DARC	14240,0	1331	31	08	A3E	RUS	Radio Rossiye			Ru px
DARC	14242,0	1438	20	08	J7D	RUS	UiMUX			12-tone system AT-3004-D
DARC	14245,8	0938	15	08	F1B		UiPTR			reversals, S8
DARC	14246,0	0934	29	08	FSK		UiMUX			mux rushing noise
DARC	14248,5	vt	dly	08	FSK	RUS LBY	UiPTR	1k2	625	DPRK-FSK, heard daily 1200
DARC	14250,0	1606	23	08	A3E		UiBC			S5-signal
DARC	14262,0	1411	21	08	F1B		UiPTR			unid printer
DARC	14262,0	vt	dly	08	A1A	RUS	UiCW			hi speed morse, heard 0735 - 1044, 30 reports all month, location is Smolensk - report to KON
DARC	14287,7	0825	01	08	N0N		UiCAR			unstable carrier, reported to KON
DARC	14292,0	1455	25	08	A1A		UiCW			encrypted CW, 5L groups
DARC	14310,0	1729	03	08	A3E		Radio China			Ge px S9, 2f

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
							Intl.			
DARC	14310,0	1615	07	08	A3E	ALB	Radio China Intl.			German px, S8, is 2f of 7155
DARC	14310,0	1623	23	08	A3E	ALB / CHN	Radio China Intl.			Ge px S9, 2f
DARC	14312,0	0953	28	08	A3E		UiBC			IM product
DARC	14312,0	0934	29	08	A1A		UiCW			Cyrillic morse
DARC	14320,0	1830	19	08	A3E	ROU	Radio Romania			BC, 2f de 7160
DARC	14320,0	1838	26	08	A3E	ROU	Radio Romania			harmonic of 7160
DARC	14333,4	1430	21	08	FSK		UiMUX	600	600	system DPRK-FSK600/600
DARC	14346,7	vt	28	08	F1B	EGY	MFA Cairo	100	170	SITOR-A heard 0820 - 0827, 1637
DARC	14350,0	1752	02	08	G7B		UiMUX			frequency hopper
DARC	14350,0	1729	03	08	A3E		UiBC			Ru px S6
DARC	14350,0	1537	06	08	A3E	CHN / ALB	R. China Intl.			relay Tirana, 2f 7175
DARC	14350,0	1714	09	08	A3E		UiBC			S8-signal, harmonic?
DARC	14350,0	vt	23	08	A3E		UiBC			Russian px, often "Iran" mentioned, heard 1654 - 1702
DARC	14350,0	1912	26	08	A3E		UiBC			harmonic of 7175
DARC	18100,0	0838	17	08	P0N	G / CYP	British OTH-Radar			system 50 Hz
DARC	18120,0	0952	24	08	P0N	G / CYP	British OTH-Radar			system 50 pps (50 Hz-system)
DARC	18130,0	1051	14	08	P0N	G / CYP	British OTH-Radar			system 50 Hz
DARC	18135,0	0746	03	08	P0N	G / CYP	British OTH-Radar			50-Hz-system (50 pps)
DARC	18136,0	1039	26	08	G7B		UiMUX			frequency hopper
DARC	21135,0	0738	dly	08	FSK8	IRQ	UiMUX	125	1750	ALE, selcalls 1DV, IGF - is Iraq MOD, daily
DARC	21135,2	1109	dly	08	FSK8	IRQ	UiMUX			ALE, selcalls "1643", "1030" - is Iraq MIL Mossul, daily
DARC	21145,0	1325	22	08	P0N	G / CYP	British OTH-Radar			system 25 pps (25 Hz-system)
DARC	21145,8	0959	21	08	A1A	I	IZ3DVW / BEACON			unwanted beacon
DARC	21170,0	vt	21	08	J3E-U	ARG	Cadena Continental Rosario			program in Spanish language ref. to "Santa Cruz", "Buenos Aires", "Mar-del-Plata" - ann: "FM 107,5 Cadena Continental Rosario" at 1706 - heard 1446 - 1854 fading out
DARC	21185,0	0821	10	08	P0N	G / CYP	British OTH-Radar			50-Hz-system (50 pps)
DARC	21200,0	0715	20	08	P0N	G / CYP	British OTH-Radar			system 50 Hz

CLUB	kHz	UTC	DD	MM	MODE	ITU	IDENT	BD	SH	REMARKS AND OBSERVATIONS
DARC	21240,0	1043	28	08	P0N	G / CYP	British OTH-Radar			system 50 pps (50 Hz-system)
DARC	21432,0	0842	04	08	F1B	RUS	UiPTR	75	500	unid printer
DARC	28045,0	0827	22	08	G7B		UiMUX			frequency hopper
DARC	28100,0	vt	vd	08	DRM	HOL	DRM-Tests TU-Delft			DRM Test transmissions of TU Delft announced in DRM-DX: 0900 - 1800, 400 W HF output - never heard in Southern Germany - transmissions have ceased meanwhile
DARC	28200,0	1613	08	08	G7B		UiMUX			frequency hopper, dly vt
DARC	28200,0	vt	vd	08	A3E		UiBC			harmonic of BC heard 08 11 16 at 1415, 1849, 1435
DARC	28245,8	vt	vd	08	FSK	E	UiPTR		280	FSK, tone duration 480 ms, location Barcelona - heard 14 15 17 20 26 at 0905 - 1825 - dly active
DARC	29684,8	1401	08	08	serial	I	Italian MIL			serial MIL modem, location Brescia, permanent
DARC	29699,5	1401	08	08	serial	I	Italian MIL			serial MIL modem, location Brescia, permanent

MRASZ – Hungary - HA7PL (Laci)

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
MRASZ	7000,0	0-24	dly	08	UNID	ALE	FSK8	125	1750	Callsigns: SKJ, ESD
MRASZ	7003,0	0-24	dly	08	EU	ALE	FSK8	125	1750	PERMANENT INTRUDER!!! AMERICAN AIR FORCES IN KOSOVO. CALLSIGNS: T01147, R24584, R23554
MRASZ	7010,0	0-24	dly	08	MKD	ALE	FSK8	125	1750	PERMANENT INTRUDER!!! RS0-CS0 NET
MRASZ	7020,0	0-24	dly	08	MKD	ALE	FSK8	125	1750	PERMANENT INTRUDER!!! RS0-CS0 NET
MRASZ	7022,0	1141 1212 1217 1222	2	08	POL	ALE	FSK8	125	1750	CALLSIGN: LCR154, TOMA
MRASZ	7038,7	0519	28	08	A1B	UKR	BEACON			LETTER „D”
MRASZ	7080,0	0146	2	08	UNID	ALE	FSK8	125	1750	CALLSIGN: 5810
MRASZ	7080,0	0124	dly	08	UNID	ALE	FSK8	125	1750	PERMANENT INTRUDER!!!
MRASZ	14104,0	0738	6	08	RUS	UiPTR	FSK2	50	250	
MRASZ	14116,2	0920	7	08	UNID	UiPTR	FSK2			
MRASZ	14120,0	0823	6	08	RUS	UiPTR	FSK2	81	250	
MRASZ	14121,0	0926	8	08	RUS	UiMUX	J7D	1440		at3004 d
MRASZ	14142,0	0639	3	08	RUS	UiPTR	FSK2	75	500	
MRASZ	14159,8	0948	3	08	RUS	UiPTR	FSK2	50	250	
MRASZ	14203,8	0835	3	08	RUS	UiPTR	FSK2	81	250	
MRASZ	14248,0	1207	14	08	NKOR	UiPTR	FSK2	1200		North Korean Embassy
MRASZ	14249,0	1212	6	08	NKOR	UiPTR	FSK2			North Korean Embassy
MRASZ	14249,0	1210	8, 10	08	NKOR	UiPTR	FSK2			North Korean Embassy
MRASZ	14325,0	1254	14	08	EGY		SITOR A	100	170	Egyptian Embassy traffic in arabic
MRASZ	18140,0	0758	3	08	UNID	OTHR				50PPS
MRASZ	21209,0	0921	3	08	UNID	OTHR				50PPS

OEVSV – Austria – OE3DMA (Alex)

RSGB - Great Britain – G4BOH (Chris)

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7007,0	1800-1930	28	8		UiPTR	F1B		620	
SRAL	7008,0	0920	11	8		UiPTR	F1B		250	
SRAL	7008,0	1800-1930	28	8		UiMUX	F7			
SRAL	7018,0	1640	10	8		UiPTR	F1B		200	
SRAL	7019,0	0400-1830	2-10	8		UiPTR	F1/N0		250	MR 5BL
SRAL	7038,7	h24	dly	8	UKR	D	A1A			Sevastopol
SRAL	7038,9	h24	dly	8	RUS	S	A1A			Severomorsk/Murmansk
SRAL	7039,0	h24	dly	8	RUS	C	A1A			Moscow, miskey 17-22
SRAL	7054,0	0300-0500	24-31	8	RUS	UiPTR	F1B		250	
SRAL	7054,0	1900-2100	24-31	8	RUS	UiPTR	F1B		250	
SRAL	7065,9	1500-1930	2	8		UiPTR	F1B		500	
SRAL	7076,0	1610-1645	3	8		UiPTR	F1B		225	
SRAL	7080,0	0420	16	8		UiMR	A1A			MR 5F
SRAL	7090,0	1640	28	8		UiMUX	F7			
SRAL	7094,0	1230-1330	9	8		UiPTR	F1B			
SRAL	7100,0	1755-2100	dly	8	KRE	Voice of Korea	A3E			
SRAL	7100,0	0340-0500	dly	8	ERI	VoBME	A3E			
SRAL	7100,0	1450-1803	dly	8	ERI	VoBME	A3E			
SRAL	7122,0	h24	dly	8	RUS	RDL	F1B		200	
SRAL	10145	0830-1000	9	8		UiMUX	F7			
SRAL	10145	1900-1945	9	8	CYP	UiOTH	P0N			40 kHz wide
SRAL	14008	0945-1000	9	8		UiPTR	F1B			
SRAL	14028	0830-0850	16	8		UiMUX	F7			
SRAL	14052	0830	4	8		UiMUX	F7			
SRAL	14081	0740	11	8		UiPTR	F1B			
SRAL	14084	0945-1330	9	8		UiPTR	F1B			
SRAL	14104	0700-1200	4-21	8		UiPTR	F1B			
SRAL	14110	0830-0930	11	8		UiPTR	F1B			
SRAL	14112	0740	11	8		UiMUX	F7			
SRAL	14116	1130-1245	11	8		UiPTR	F1B			
SRAL	14120	0830-1030	4	8		UiPTR	F1B		250	
SRAL	14122	0645-1000	8	8		UiMUX	F7			

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	14185	0835-1000	26	8		UiMUX	F7			
SRAL	14192	0810,1715	19, 22	8		UiPTR	F1B		500	
SRAL	14204	1000-1100	1	8		UiPTR	F1B			
SRAL	14240	1335-1430	11	8		UiPTR	F1B			
SRAL	14312	1050	12	8		UiMR	A1A			MR 5BL
SRAL	14332	0915	11	8		UiPTR	F1B			
SRAL	28000-29700	0655-1540	dly	8	RUS/ UKR	UiVOX	F3E			53 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7006.6	2136	15	08			8PSK	2400	2800	MIL 188-110A
USKA	7010.0	1320	21	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	7016.0	1332	21	08			F1B	75	250	unident
USKA	7054.0	1914	24	08			F1B	50	200	unident, often long idling periods
USKA	7067.5	2248	20	08	CHN	L9CC	A1A			Roundslip: v CP17 de L9CC k
USKA	14038.4	1743	22	08	LBY		F1B	600	600	DPRK-FSK 600
USKA	14066.6	1139	29	08			?			unident, 2k2 wide signal
USKA	14075.0	0630	22	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	14077.0	1503	21	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	14104.0	0952	10	08	BLR		F1B	81	250	CIS-81 strong
USKA	14104.5	0727	31	08			F1B	75	250	unident , idling
USKA	14108.0	0920	20	08			A1A			CW, (no ham) 0923 QRT
USKA	14108.0	0813	31	08			F1B	100	250	unident
USKA	14111.5	1000	24	08			8PSK			MIL 188-141A + MIL188-110A
USKA	14117.5	0957	21	08	RUS		J7D	12x120		CIS12=AT3004D, mostly idling
USKA	14117.9	1232	17	08	RUS		J7D	12x120		CIS12 AT3004D idling; later traffic often in CW: qjb3 k rk
USKA	14120.0	1051	24	08			F1B	81	250	CIS81
USKA	14120.2	0940	27	08			F1B	81	250	CIS81
USKA	14121.5	0832	17	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	14122.0	0927	24	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	14139.5	0817	31	08			F1B	75	250	unident, idling
USKA	14142.0	0936	13	08			F1B	75	250	1000 QRT
USKA	14160.0	1118	03	08			F1B	50	250	unident
USKA	14191.9	0705	20	08			F1B	75	500	unident
USKA	14192.0	0630	22	08	RUS		F1B	50	500	RUS Navy Kaliningrad
USKA	14192.0	1741	22	08			F1B	75	500	unident
USKA	14204.0	0803	31	08	RUS		F1B	81	250	CIS81
USKA	14205.0	1004	13	08	RUS		J7D			CIS-12 = AT3004D, idling
USKA	14220.0	1124	29	08			F1B		500	unident (idling)
USKA	14242.0	1232	20	08	RUS		J7D	12x120		CIS12=AT3004D
USKA	14248.5	1215	17	08			F1B		600	Burst ARQ 200ms, interval 330ms

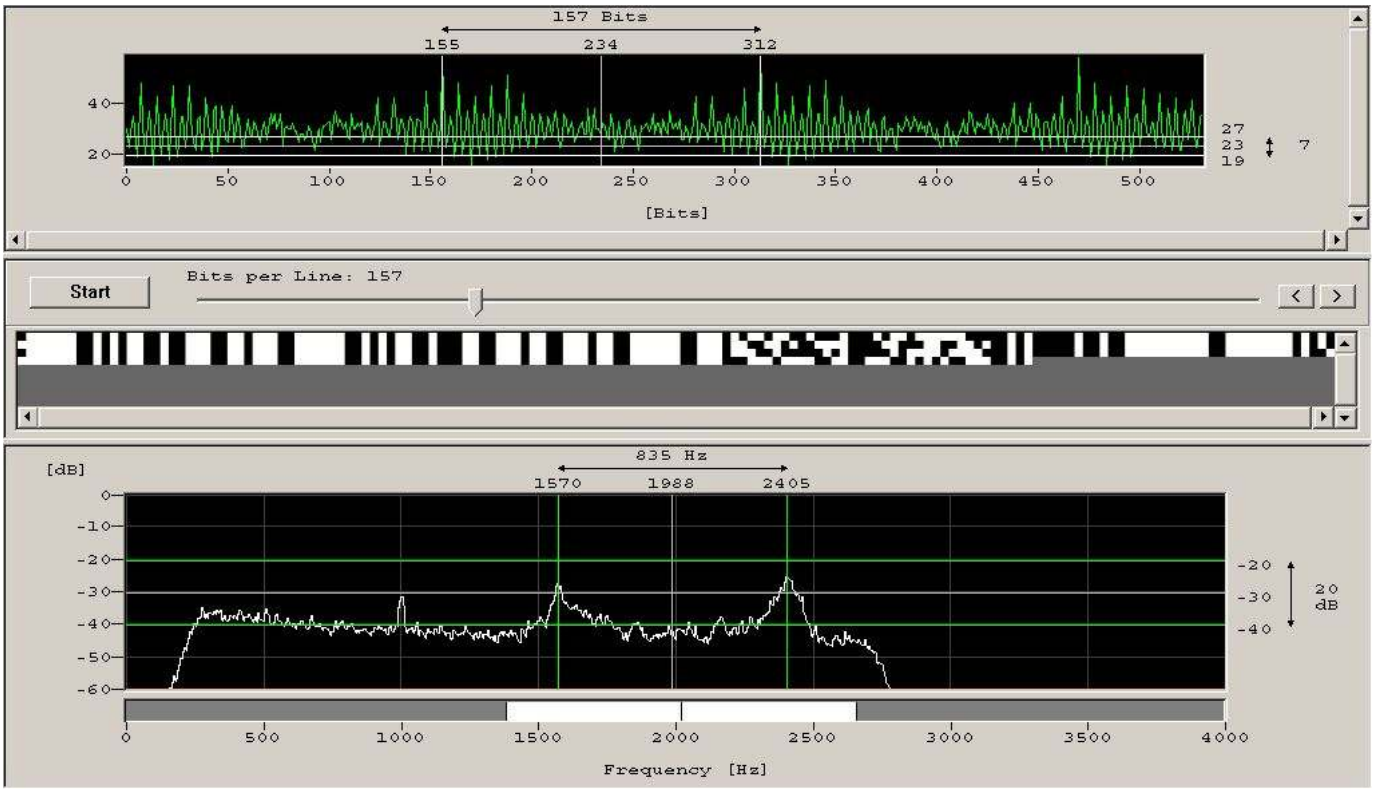
SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	14248.5	1209	20	08			F1B		600	Burst ARQ
USKA	14248.5	1203	30	08			FSK			Burst ARQ, 1206 QRT
USKA	14262.0	1232	21	08	RUS		?/A1A			unident, sometimes also cw
USKA	14283.0	0610	22	08			F1B	81	250	CIS81
USKA	14291.8	1225	27	08			A1A			CW (no ham), 1240 QRT
USKA	14312.0	0937	20	08	RUS		F1B	81	200	CIS81
USKA	14314.0	1532	19	08	RUS		J7D			CIS12=AT3004D idling
USKA	14332.0	1201	16	08	RUS		F1B	81	250	CIS81
USKA	14334.0	1019	24	08			J7D	12x120		CIS12=AT3004D, mostly idling
USKA	28165.0	1325	04	08	RUS		A3E			Russian, "Wassili & Bojan"
USKA	28285.0	1040	21	08	E		A3E			long spanish family conversation

Veron – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7007,0	18.49	28	8	RUS	UiPtr	F1B	500	Revs
VERON	7019,0	16.04	6	8	RUS	UiPtr	F1B	250	Ptr
VERON	7038,7	05.50	**	8	UKR	D	A1A		20.32 utc, 30 days, beacon Sevastopol
VERON	7038,8	17.49	**	8	RUS	P	A1A		19,29 utc, 3 days, beacon Kaliningrad
VERON	7038,9	05.10	**	8	RUS	C	A1A		20.32 utc, 29 days, beacon Moscow
VERON	7038,9	05.10	**	8	RUS	SZD7	A1A		20.32 utc, 30 days, beacon Murmansk
VERON	7043,2	18.36	19	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7052,2	17.50	**	8	RUS	F	A1A		21.13 utc, 7 days, beacon
VERON	7054,0	19.03	25	8	RUS	UiPtr	F1B	250	Revs
VERON	7054,0	19.41	24	8	RUS	UiPtr	F1B	200	Revs Novgorod
VERON	7056,0	18.42	13	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7056,6	20.06	7	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7059,2	17.57	23	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7060,6	20.35	30	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7061,0	18.50	28	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7061,1	18.33	11	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7069,2	19.24	22	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7074,1	20.37	5	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	7078,3	17.55	24	8	CHN	L9CC	A1A		CP17 de L9CC V (roundslip)
VERON	14000,0	09.09	31	8		UiCAR	NON		carrier
VERON	14000,0	19.01	23	8		UiCAR	NON		carrier, also 25/8 10.17 utc
VERON	14008,0	09.07	16	8	CIS	UiPtr	F1B		Carrier, Revs-Ptr
VERON	14016,0	05.15	3	8	CIS	IT4N	A1A		to IWMG,OJ4B: Proc, 5BL
VERON	14016,0	05.31	6	8	CIS	IT4N	A1A		to OJ4B: Proc
VERON	14016,0	05.49	7	8	CIS	IT4N	A1A		Proc
VERON	14016,0	07.08	13	8	CIS	UiCW	A1A		5BL: Proc
VERON	14016,0	08.41	18	8	CIS	FRV3	A1A		4F, Proc
VERON	14016,0	05.32	22	8	CIS	NTQQ	A1A		to LRLG: 4F, Proc
VERON	14016,0	06.08	23	8	CIS	NTQQ	A1A		to LRLG: 4F, Proc
VERON	14016,0	05.08	29	8	CIS	NTQQ	A1A		to HNE6: 5BL, also 31/8 06.25 utc 4F
VERON	14020,0	13.44	30	8	CIS	UiPtr	F1B	250	Ptr
VERON	14050,0	08.03	20	8	CIS	UiPtr	F1B	250	Ptr
VERON	14100,0	19.30	24	8	N.Africa	UiILL	J3EU		N. African language, fishery ?
VERON	14100,0	09.17	18	8	E	UiILL	J3EU		Spanish fishery
VERON	14104,0	08.28	**	8	CIS	UiPtr	F1B		09.15 utc, 2 days, Revs-Ptr
VERON	14104,0	08.02	**	8	CIS	UiPtr	F1B	250	09.06 utc, 4 days, Revs
VERON	14108,0	06.31	1	8	CIS	QW1A	A1A		to LN2H, C6M4: Z/Q-codes,

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
									Proc
VERON	14108,0	05.15	2	8	CIS	UiCW	A1A		5BL: Proc
VERON	14108,0	05.17	3	8	CIS	8DWM	A1A		to LN2H: 5BL
VERON	14108,0	05.28	6	8	CIS	8DWM	A1A		to C6M4: 5BL
VERON	14108,0	05.23	22	8	CIS	AOX2	A1A		to PPDK,TILV: Proc
VERON	14108,0	06.04	23	8	CIS	AOX2	A1A		to CMLQ: 5BL
VERON	14108,0	05.19	28	8	CIS	PAA5	A1A		to WSAY: Proc, also 30/8 05.43 utc
VERON	14108,0	09.10	**	8	CIS	UiCW	A1A		09.15 utc, 5BL, 2 days
VERON	14108,0	09.05	31	8	CIS	AOX2	A1A		NKON de AOX2 zjr zgv zdj qyt6 K
VERON	14108,0	09.36	7	8	CIS	UiCW	A1A		764 227 1106 764=524 PPPPP etc
VERON	14116,0	06.57	21	8	RUS	UiMUX	J7D		12 tone AT3004 D
VERON	14116,0	08.40	7	8	CIS	UiPtr	F1B	250	Revs, also 14/8 08.35 utc,
VERON	14118,0	05.51	**	8	CIS	SZD7	A1A		06.18 utc, 5 days, to 5QZF=5BL
VERON	14118,0	06.35	**	8	CIS	DOMN	A1A		07.37 utc, to WTZE= 5BL
VERON	14118,0	07.12	25	8	CIS	7AWI	F1A	500	to MRPR: 5BL
VERON	14118,0	07.32	25	8	CIS	7AWI	A1A		to KVWN: 5BL
VERON	14118,0	07.05	27	8	CIS	7AWI	A1A		to MRPR: 5BL
VERON	14118,0	07.33	25	8	CIS	UiCW	A1A		3425 1120 ZBX PD SQD etc
VERON	14120,0	07.24	25	8	CIS	UiPtr	F1B	250	Ptr, 2 days08.55-09.34 utc
VERON	14120,0	08.56	8	8	RUS	UiMUX	J7D		12 tone AT3004 D
VERON	14123,0	08.44	22	8	UK	UiILL	J3EU		English, fishery
VERON	14141,0	06.16	3	8	CIS	UiPtr	F1B	500	Ptr
VERON	14148,0	10.12	22	8	CIS	UiCW	A1A		5F 23278 92170 69759 31568 55440 etc
VERON	14160,0	06.17	3	8	CIS	UiPtr	F1B	250	Revs
VERON	14184,0	09.45	26	8	RUS	UiMUX	J7D		12 tone AT3004 D
VERON	14184,0	09.04	6	8	CIS	UiPtr	F1B	250	Ptr-Revs
VERON	14192,0	07.29	25	8	RUS	UiPtr	F1B	500	Revs, also 27/8 '09.35 utc
VERON	14204,0	09.04	31	8	CIS	UiPtr	F1B	250	Ptr
VERON	14220,0	12.52	23	8	CIS	UiPtr	F1B	500	Revs
VERON	14220,0	12.58	23	8	CIS	UiCW	A1A		dots
VERON	14240,0	11.44	22	8	CIS	UiPtr	F1B	250	Ptr
VERON	14240,0	08.36	9	8	RUS	UiMUX	J7D		12 tone AT3004 D
VERON	14252,0	08.21	22	8	UK	UiILL	J3EU		English, fishery
VERON	14262,0	09.57	22	8	RUS	NON-CW			encrypted
VERON	14290,0	08.10	22	8	E.Europe	UiILL	J3EU		unknown E. European language, male
VERON	14292,0	09.19	6	8	CIS	UiCW	A1A		4F- 2493 3171=221 k qrv K
VERON	14304,0	09.31	23	8	RUS	UiMUX	J7D		12 tone AT3004 D
VERON	14312,0	06.09	3	8	CIS	UiCW	A1A		PUBW CVBN SU US RPT AL qlnk k
VERON	14350,0	14.50	11	8	E	UiILL	J3EU		Spanish, female voice
VERON	14350,0	17.02	11	8	Italy	UiILL	J3EU		Italian, one male voice
VERON	18068,0	09.51	26	8	G/Cyp	OHTR	PON		chirping pulses, wide 18068-18080 KHz

Uniden MIL FSK-system on 14002 kHz – 300 Bd - 835 Hz shift – ACF = 157
analyzed by Wavecom equipment



IARUMS Region 1

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The monitoring team of IARU Region 1

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