



Monitoring System

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Acknowledgements

++ ARI: DH7SA – Salvatore ++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ EARA: SU1SA - Sayed
++ IRTS: EI4GXB - Ger ++ KARS: 9K2RR – Faisal ++ MARL: 9H1M – Dominic ++ MRASZ: HA7PL - Laci ++
++ NARS: 5N9AYM – Yusuf ++ OEVS: OE3DMA – Alex ++ PZK: SP3SUZ – Wladyslaw ++ RAL: OD5RI – Riri ++
++ REP: CT4AN – Jose and CT1JTQ – Angelo ++ RSGB: G4BOH - Chris ++ SARL: ZS1FCS - Fred ++
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++ ZRS: S56ZDB – Darko ++ G3VZV – Graham (satellite intrusions) ++ TG9AJR – Juan (Co-ordinator Region 2) ++
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++ PB2T – Hans (IARU R1 President) ++ G3PSM - Colin (EC-IARU-R1) ++

Part 1: News and infos

Part 2: Detailed reports from the national co-ordinators

Part 1: News and Infos

1. Napoli Radio on 14000 kHz

We heard an illegal intruder from Italy transmitting music in A3E often during the evening hours, sometimes in the mornings, too. The transmission frequency was rather unstable 13999.600 - 14001.000 kHz. The announcement was "Napoli Radio". Bearings from the German PTT showed the area of Naples. An official complaint was sent to the Italian PTT. Several Italian amateurs and the ARI have been informed.

2. NATO MIL Stanag4285 left 14 MHz

On June 22nd a SWL reported a Stanag4285 on 14224.8 kHz (2400 Bd, PSK8, 1200 bps long). The next day the system was still active. So I phoned the German PTT at Lake Konstanz. Their bearings showed South-West England. Mr. E.G. from Konstanz informed the British PTT in Baldock. G4BOH (Chris) was informed, too. He also phoned Baldock. The problem was solved at once, 15 minutes later the Stanag disappeared. Many thanks for quick actions to G4BOH and the German PTT (BNetzA Konstanz)!

3. Spanish fishery daily on 3590 kHz

Spanish fishermen were daily active on 3590 kHz in USB, often using the vocoder CRY2001. Audible in the evening hours. CRY2001 can easily be eliminated by transmitting an FEC-signal on the key-exchange AF QRG: 1500 Hz center. They did not learn their lessons. We have to teach them some more. They are daily active on 7000, 14000 and 21000 in USB, too.

4. MFA Cairo again on 14 MHz

I found again embassy traffic of MFA (Ministry for Foreign Affairs) Cairo on 14223.7 kHz (Sitor A and Codan 9001) trying to connect the Egypt embassy in Madrid. I was not amused.

5. HAMRADIO 2010 – 40 years DARC Intruderwatch

The DARC Intruderwatch is now existing for 40 years. About 80 visitors listened to the lectures of DJ9KR, DK2OM and Mr. E. Grim, BNetzA engineer from Konstanz. Mr. E. Grim mentioned the excellent cooperation between the DARC Intruderwatch and the BNetzA at Konstanz and gave an overview about the aims and equipments of the BNetzA (Federal Network Agency).



Left: DJ9KR (Uli) – right: Mr. E. Grim (BNetzA) - Hamradio 2010

- 6. Homepage IARU Region 1 <http://www.iaru-r1.org/>
- Homepage IARUMS Region 1 <http://www.iarums-r1.org>
- Homepage IARUMS Region 2 <http://www.intruder-watch.org/>
- Homepage IARUMS Region 3 <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 *** pps = pulses per second (radar systems) *** BD = Baud *** SH = Shift *** Mode = mode of transmission *** A3E = AM *** A1A = CW *** J3E-U = USB *** J3E-L = LSB *** FSK (F1B) = frequency shift keying *** PSK = phase shift keying *** MPSK12 (J7D) = 12 channel phase shift keying *** ALE (MIL-188-141A) = automatic link establishment *** MUX = multiplex *** Ui (uniden) = 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

ARSK MONITORING OVERVIEW FOR JUNE, 2010

I have changed the three letter code for the Democratic Republic of Congo from ZAI to DRC, to reflect the change of name from Zaire which took place many years ago.

No unusual observations were made during the month. There appeared to be an increase in activity from Francophone Central Africa over the more intrusive Somalis.

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	1501	3	6	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7002.0	0709	28	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7005.0	1255	6	6	DRC	UiPHONE		
ARSK	7008.0	vt	*	6	DRC	UiPHONE	J3Eu	Vernacular.*21,28,
ARSK	7009.0	vt	*	6	DRC	UiPHONE	J3E J3Eu	Vernacular.*3,8,26,27,
ARSK	7011.0	vt	21	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7015.0	vt	25	6	DRC	UiPHONE	J3E	French, vernacular.
ARSK	7022.0	0752	2	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7027.0	vt	*	6	DRC	UiPHONE	J3Eu	French, Selcal.*3,21,
ARSK	7028.0	vt	*	6	SOM	Kismayu	J3Eu	Somalis.*3,19,26,28,
ARSK	7030.0	vt	*	6	DRC	UiPHONE	J3Eu	French. *19,26,
ARSK	7031.0	0703	3	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7135.0	0810	3	6	DRC	UiPHONE	J3Eu	Vernacular.
ARSK	7037.0	vt	*	6	SOM	UiPHONE	J3Eu	Somalis.*3,27,
ARSK	7038.0	0754	3	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7040.0	vt	*	6	DRC	UiPHONE	J3Eu	Vernacular.*3,21,25,27,
ARSK	7045.0	vt	*	6	DRC	UiPHONE	J3Eu	French, Kiswahili, vernacular. SelCal.*15,25,
ARSK	7048.0	vt	*	6	SDN	UiPHONE	J3E	Vernacular, English, Selcal. . *3,19,25,26,
ARSK	7053.0	vt	*	6	DRC	uiPHONE	J3Eu	Vernacular.*25,26,
ARSK	7055.0	0755	3	6	DRC	UiPHONE	J3Eu	Vernacular, phonetics.
ARSK	7057.0	vt	*	6	SOM	UiPHONE	J3Eu	Somalis.*27,
ARSK+	70620	vt	*	6	SOM	UiPHONE	J3Eu	Somalis.*2,3,25,
ARSK	7070.0	vt	*	6	DRC	UiPHONE	J3Eu	French, vernacular, KiSwahili.*3,8,22,25,26,
ARSK	7075.0	vt	*	6	DRC	UiPHONE	J3E	French, English, phonetics. *3,6,20,25,27,
ARSK	7077.0	0702	8	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7080.0	vt	3	6	DRC	UiPHONE	J3E	Vernacular.
ARSK	7090.0	0758	3	6	SDN	UiPHONE	J3E	English message traffic in phonetics. NGO?
ARSK	7094.0	0702	3	6	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7110.0	vt	dly	6	ETH	Addis Ababa	A3E	Broadcast, Addis Ababa, Ethiopia
ARSK	7130.0	0633	3	6	ETH?	UiPHONE	J3Eu	Amharic.
ARSK	7135.0	1200	15	6	SOM	UiPHONE	J3Eu	
ARSK	7140.0	0810	3	6	DRC	UiPHONE	J3Eu	Vernacular, possibly DRC.
ARSK	7145.0	0700	3	6	SOM	UiPHONE	J3Eu	Somalis.

H'd by	kHz	UTC	DD	MM	ITU	Identity	Mode	Details
ARSK	7150.0	0715	27	6	ERI?	UIBC	A2E	Broadcast. May be VOBM, Eritrea.
ARSK	7155.0	0635	3	6	ERI?	UiBC	AiE	May be VOBM, Eritrea.
ARSK	7165.0	vt	dly	6	ETH	Addis Ababa	A3E	Broadcast. Arabic, Amharic. Somali.
ARSK	7175.0	vt	dly	6	ERI	VOBM?	A3E	Broadcast.
ARSK	7195.0	vt	dly	6	UGA	Kampala	A3E	Broadcast, Radio Uganda
ARSK	7200.0	vt	dly	6	SDN	Khartoum	A3E	Broadcast in Arabic, Khartoum.

DARC – Germany – Part 1 – DJ9KR (Uii)

PSE observe: BC (A3E) 7100 – 7200 kHz -> blue

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments
DARC	3500,0	vt	vd	06	G	UiILL	J3E-U	UK fishery heard 02 03 at 2003, 2130
DARC	3500,0	vt	vd	06	G	UiILL	J3E-U	UK fishery heard 16 22 at 2038, 1709
DARC	3515,0	1857	10	06	F	UiILL	J3E-U	French fishermen
DARC	3535,0	2110	08	06	E	UiILL	J3E-U	Spanish fishermen, also using VOCODER-CRY-2001
DARC	3535,0	1930	14	06	F	UiILL	J3E-U	French fishermen
DARC	3550,0	0615	17	06	F	French Lis Amateurs	A3E	heard F2XI and F6AQK - just info
DARC	3550,0	0711	dly	06	F	French Lis Amateurs	A3E	French Amateurs, daily - no BC station!
DARC	3560,1	1942	08	06	KRE	Voice of Korea (North)	A3E	daily
DARC	3576,0	2123	03	06	E	UiILL	J3E-U	Spanish fishery using "VOCODER-CRY-2001", location "Biscaya" - from 3754
DARC	3580,0	1928	01	06	F	UiILL	J3E-U	French pirates
DARC	3590,0	vt	vd	06	E	UiILL	J3E-U	Spanish fishery heard 26 28 at 1944, 2045
DARC	3754,0	2117	03	06	E	UiILL	J3E-U	Spanish fishery using "VOCODER-CRY-2001" - to 3576
DARC	6995,0	vt	17	06	E	UiILL	J3E-U	Spanish male voices, splatters into ham band - "55" and off frequency
DARC	6999,0	2049	17	06	I	UiILL	J3E-L	2 Italian male persons
DARC	7000,0	0801	18	06	E	UiILL	J3E-U	Spanish fishery
DARC	7000,0	vt	vd	06	E	UiILL	J3E-U	Spanish fishery heard 27 28 at 0926, 2127, also using VOCODER CRY-2001
DARC	7000,0	vt	vd	06	RUS	UiILL	J3E-U	male person calling "Saljut", heard 17 18 19 at 1640 - 1800
DARC	7009,0	2042	17	06		UiBC	A3E	S3-signal
DARC	7038,7	0110	10	06	UKR	beacon D	A1A	Sevastopol
DARC	7038,7	2035	17	06	UKR	beacon D	A1A	Sevastopol
DARC	7038,7	0313	23	06	UKR	beacon D	A1A	Sevastopol
DARC	7038,9	0110	10	06	RUS	beacon S	A1A	Murmansk
DARC	7039,0	0110	10	06	RUS	beacon C	A1A	Moscow
DARC	7039,0	2035	17	06	RUS	beacon C	A1A	Moscow
DARC	7054,0	0110	10	06	RUS	REA4	F1B	fast reversals
DARC	7054,0	2104	14	06	RUS	REA4	F1B	fast reversals
DARC	7054,0	0313	23	06	RUS	REA4	F1B	fast reversals
DARC	7080,0	0313	23	06		UiPTR	F1B	fast reversals and printer
DARC	7080,0	2104	28	06		UiPTR	F1B	printer heard
DARC	7100,0	vt	17	06		UiILL	J3E-U	2 male persons, unid language
DARC	7100,0	vt	vd	06		BC Stations	in new	range 7100 - 7200 kHz marked with blue colour
DARC	7105,0	2053	01	06	TUN	RTV Tunisia	A3E	Spanish px found // 7225 and 7345, is IM
DXLD YG	7105,0	1355	12	06	MDG	RTV Malagasy	A3E	USB and Carrier-Mode, fair reception with pre-World Cup coverage, 1355 songs: We are the World etc. - report Ron Howard, USA
DARC	7105,0	2104	14	06	TUN	RTV Tunisia	A3E	Ar px S6, is IM

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments
DARC	7105,0	2035	17	06	TUN	RTV Tunisia	A3E	px in Arabic, is IM
DARC	7105,0	vt	22	06	CHN	PBS Nei Menggu Hohhot	A3E	Chinese px heard 2202 - 2231
DARC	7105,0	vt	23	06	CHN	PBS Nei Menggu Hohhot	A3E	2157: carrier, at 2200 Chinese px s/on, soon after a 2nd weaker Chinese px is heard
DARC	7105,0	2104	28	06	TUN	RTV Tunisia	A3E	Ar px, S9-signal, at 2114: nil
DARC	7105,0	1448	DL Y	06	MDG	Radio Malagasy	A3E	carrier plus USB, // 6135 - report David Sharp, NSW AUS
DARC	7110,0	200	01	06	ETH	R. Ethiopia	A3E	is active
DARC	7110,0	0618	01	06	ETH	R. Ethiopia	A3E	very weak signal
DARC	7110,0	vt	02	06	ETH	R. Ethiopia	A3E	heard 1225 - 1444, S5
DARC	7110,0	0614	09	06	ETH	R. Ethiopia	A3E	weak signal
DARC	7110,0	0556	10	06	ETH	R. Ethiopia	A3E	weak signal
DARC	7110,0	1754	14	06	ETH	R. Ethiopia	A3E	African music, s/off at 1756
DARC	7110,0	0619	16	06	ETH	R. Ethiopia	A3E	is active
DARC	7110,0	vt	16	06	ETH	R. Ethiopia	A3E	heard 1918 - 2036, S9+20dB
DARC	7110,0	vt	17	06	ETH	R. Ethiopia	A3E	heard 1632, 2036
DARC	7116,5	0415	17	06		UiCAR	N0N	carrier S9+20dB
DARC	7123,0	1840	24	06		UiMUX	XXX	MUX
DARC	7125,0	0618	01	06	GUI	R. Conakry	A3E	weak signal
DARC	7125,0	2002	01	06	GUI	R. Conakry	A3E	Ar px
DARC	7125,0	0614	09	06	GUI	R. Conakry	A3E	weak signal
DARC	7125,0	0556	10	06	GUI	R. Conakry	A3E	HOA music
DARC	7125,0	1832	12	06	GUI	R. Conakry	A3E	weak signal
DARC	7125,0	2116	13	06	GUI	R. Conakry	A3E	HOA music S9+15dB
DARC	7125,0	2104	14	06	GUI	R. Conakry	A3E	S9-signal
DARC	7125,0	2112	15	06	GUI	R. Conakry	A3E	BC heard
DARC	7125,0	2035	17	06	GUI	R. Conakry	A3E	is active
DARC	7125,0	2108	21	06	GUI	R. Conakry	A3E	
DARC	7125,0	2205	22	06	GUI	R. Conakry	A3E	
DARC	7125,0	0350	23	06	RUS	UiILL	J3E-U	2 Ru male persons exchanging figure calls "priyom"
DARC	7125,0	2110	23	06	GUI	R. Conakry	A3E	HOA music S9+20dB
DARC	7125,0	vt	23	06	GUI	R. Conakry	A3E	HOA music
DARC	7125,0	1859	24	06	GUI	R. Conakry	A3E	male and female voices, splatter from adjacent BC
DARC	7125,0	2104	28	06	GUI	R. Conakry	A3E	African harp, S9+10dB - px measured by BNetzA: 0600 - 0800, 1830 - 2300
DARC	7125,0	1806	29	06	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 24 29 at 1800 - 1900
DARC	7131,0	vt	02	06	D	UiILL	J3E-L	violation of call DD7LP, reproducing bad words, 1521 - 1524
DARC	7140,0	1800	15	06	CVA	Radio Vatican	A3E	S6-signal, is IM of 7250 and 7360, 7140 carrying modulation of 7360
DARC	7140,0	vt	16	06	CVA	Vatican Radio	A3E	heard 1800 - 1900, max. S8-signal, is IM 7250 x 7360
DARC	7143,0	vt	02	06	D	UiILL	J3E-L	violation of call DD7LP and IT9RYH, reproducing bad words - heard 1531 - 1545
DARC	7145,0	0618	01	06		UiBC	A3E	weak signal
DARC	7145,0	1630	01	06	ETH	ETH Govt. Jammer	JAM	white noise jammer
DXLD YG	7145,0	1209	10	06	LAO	Lao National Radio	A3E	heard 1209, gone by re-check at 1336 - report Ron Howard, USA
DXLD YG	7145,0	1254	12	06	LAO	Lao National Radio	A3E	Lao Ntl. Radio was not on the air - report Ron Howard, USA
DARC	7145,0	1850	24	06		BC	A3E	male and female voices, splatter from adjacent BC
DARC	7150,0	vt	02	06	D	UiILL	J3E-L	violation of call DD7LP, reproducing bad words - heard 1454 - 1502
DARC	7150,0	0607	09	06	ROU	R. Romania	DRM	spurious from DRM on 7215
DARC	7165,0	1630	01	06	ETH	R. Ethiopia	A3E	En px, news, station ID at 1804
DARC	7165,0	vt	02	06	ETH	R. Ethiopia	A3E	heard 1225 - 1444
DARC	7165,0	vt	11	06	ETH	R. Ethiopia	A3E	Voice of Peace and Democracy "Geja

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments
								Jawe", 1800 - 1815, iS, Ids, talks - report Carlos Goncalves, POR
DARC	7165,0	vt	11	06	ETH	R. Ethiopia	A3E	External Sce. "Geja Jawe" heard 1743 - 1800, French, infos and news about the country, Cuban songs, s/off announcements as usual, //9559,1 vy poor, adjacent QRM - report Carlos Goncalves, POR
DARC	7165,0	1832	12	06	ETH	R. Ethiopia	A3E	S9+10dB-signal
DARC	7165,0	1800	14	06	ETH	R. Ethiopia	A3E	px heard 14 24 28 29 at 1800 - 1900
DARC	7165,0	1632	17	06	ERI	R. Eritrea	A3E	under heavy jam
DARC	7165,0	1632	17	06	ETH	ETH Govt. Jammer	JAM	white noise jammer, BC underneath slightly audible
DARC	7165,0	vt	17	06	ERI	R. Eritrea	A3E	faintly heard below jammer, 0415 - 0611
DARC	7165,0	vt	17	06	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 0415 - 0611
DARC	7165,0	1506	20	06	ETH	R. Ethiopia	A3E	1531: jingle
DARC	7165,0	vt	20	06	ETH	ETH Govt. Jammer	JAM	white noise jammer // 2nd jammer on 7185 - heard 1637 - 1740 - 40 kHz spread both jammers together
DARC	7165,0	1536	21	06	ETH	R. Ethiopia	A3E	S7
DARC	7165,0	1537	21	06	E.Af	UiBC	A3E	could be Eritrea or Ethiopia
DARC	7165,0	0700	23	06	ERI	R. Eritrea	A3E	ann: "... Demokrat Eritrei" - at 0358 s/on white noise jammer
DARC	7165,0	vt	23	06	E.Af	UiBC	A3E	at 0345: carrier, at 0356: 2 different px //
DARC	7165,0	vt	23	06	S.As	UiILL	J3E-U	2 male persons in S.As voice, heard 2145 - 2150
DARC	7165,0	1552	DL Y	06	ETH	R. Ethiopia	A3E	English px: 1600 - 1700 French px: 1700 - 1800
DARC	7165,0	vt	vd	06	ETH	R. Ethiopia	A3E	heard 07 - 28 at 1800 - 1834
DARC	7173,0	2110	23	06	G	BBC	A3E	En px slightly rocking, same signal also on 7637, fundamental found on 7405
DARC	7173,7	2112	28	06	G	BBC	A3E	carrier slightly rocking
DARC	7175,0	1631	01	06	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7175,0	1804	01	06	ERI	R. Eritrea	A3E	Ar px heard 1804 - 2000 s/off
DARC	7175,0	1449	02	06	ERI	VOBM Voice of Broad Masses	A3E	S6-signal
DARC	7175,0	0556	10	06	ERI	VOBM	A3E	S6-signal
DARC	7175,0	vt	11	06	ERI	VOBM	A3E	Voice of the Broad Masses (= Selai Dairo), heard 1745 - 1821, Arabic talks, Arabic songs, // 7180
DARC	7175,0	2120	13	06	G	BBC	A3E	strong FM, no carrier, QRG rocking
DARC	7175,0	0619	16	06	ERI	VOBM	A3E	BC heard
DARC	7175,0	1537	21	06	E.Af	UiBC	A3E	
DARC	7175,0	2108	21	06	G	BBC	A3E	unstable signal, both sidebands but no carrier, S9+10dB - is IM of 7405
DARC	7175,0	2133	22	06	G	BBC	A3E	unstable signal, both sidebands but no carrier, S9+10dB - is IM of 7405 - same rocky signal also heard with S9+10dB on 7635
DARC	7175,0	1823	28	06	E.Af	UiBC	A3E	music, singing heard 01 28 at 1823, 1903
DARC	7180,0	vt	11	06	ERI	VOBM	A3E	heard 1746 - 1822, found // 7175 until 1800, then Vernacular, talks, HOA music, silent on 13 June, moved to 7190 (see below!) - report Carlos Goncalves, POR
DARC	7185,0	1659	03	06	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7190,0	0618	01	06		UiBC	A3E	very weak signal
DARC	7190,0	1630	01	06	ETH	ETH Govt. Jammer	JAM	white noise jammer

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments
DARC	7190,0	1804	01	06	ERI	R. Eritrea	A3E	Ar px, same as on 7175 = //
DARC	7190,0	1745	04	06	ERI	VOBM	A3E	Vernacular, HOA music, talks, ann: "this is Eritrea", confirmed on 13 June - report Carlos Goncalves
DARC	7190,0	0110	10	06	CLN	SriLanka BC	A3E	Indian film music heard S9
DARC	7190,0	vt	11	06	ERI	VOBM	A3E	Vernacular, talks, poor, but no QRM, // 7175 good - report Carlos Goncalves, POR
DARC	7190,0	0121	16	06	CLN	SriLanka BC	A3E	S6-signal
DARC	7190,0	1821	29	06	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 24 29 at 1821, 1858
DARC	7190,0	0057	30	06	CLN	SriLanka BC	A3E	tabla and Indian film music
DARC	7190,1	0122	21	06		UiBC	A3E	unid BC
DARC	7200,0	0618	01	06	SDN	R.Omdurman	A3E	Ar px
DARC	7200,0	1905	01	06	SDN	R.Omdurman	A3E	male voice in Arabic
DARC	7200,0	2002	01	06	SDN	R.Omdurman	A3E	Ar px
DARC	7200,0	vt	02	06	SDN	R.Omdurman	A3E	heard 1225 - 1444, Ar px S6
DARC	7200,0	0110	10	06	IRN	IRIB Teheran	A3E	Spanish px S9+30dB
DARC	7200,0	0556	10	06	SDN	R.Omdurman	A3E	weak signal
DXLD YG	7200,0	1249	11	06	BRM	Radio Myanmar	A3E	1249 heard Korea going off, leaving Myanmar in the clear, Vernacular, pop - report Ron Howard, USA
DXLD YG	7200,0	1249	11	06	KRE	V.o.Korea (North)	A3E	s/off at 1249 - report Ron Howard, USA
DARC	7200,0	1832	12	06	SDN	R.Omdurman	A3E	S9+10dB-signal
DARC	7200,0	1805	14	06	RUS	UiBC	A3E	Russian voice, female, splatters from 7205 - heard 14 28 29 at 1800 - 1830
DARC	7200,0	0121	16	06	IRN	IRIB Teheran	A3E	Spanish px S9+30dB
DARC	7200,0	0610	16	06	SDN	R.Omdurman	A3E	Arabic px
DARC	7200,0	2035	17	06	SDN	R.Omdurman	A3E	px in Arabic
DARC	7200,0	vt	17	06	SDN	R.Omdurman	A3E	heard 0415 - 0611
DARC	7200,0	0855	21	06	SDN	R.Omdurman	A3E	Arabic px, S8
DARC	7200,0	vt	21	06	IRN	IRIB Teheran	A3E	heard 0122 - 0130, Spanish px, 0130: National Anthem, Al-Kuran recitals
DARC	7200,0	0313	23	06	IRN	IRIB Teheran	A3E	Spanish px, at 0345: nil
DARC	7200,0	0313	23	06	SDN	R.Omdurman	A3E	Ar px heard 0313 - 0345, found // to IRIB
DARC	7200,0	0400	23	06	SDN	R.Omdurman	A3E	Ar px
DARC	7200,0	1900	24	06	SDN	R.Omdurman	A3E	Ar voice and mx
DARC	7200,0	0057	30	06	IRN	IRIB Teheran	A3E	Spanish px S9+30dB
DARC	7205,0	2110	23	06	F	RFI	A3E	splatters down till 7185
DARC	10100,0	0837	08	06	RUS	UiILL	J3E-U	Russian male with figures, rough roger beep
DARC	10107,3	0328	08	06	INS	UiILL	J3E-U	pirates from Sumatra
DARC	10150,0	vt	vd	06	E	UiILL	J3E-U	Spanish fishery heard 02 11 at 1658, 0848
DARC	13999,4	0614	09	06	I	Napoli Radio	A3E	ann.: "Napoli Radio" heard at 0722
DARC	13999,8	vt	08	06	I	Napoli Radio	A3E	music program, often song "Napoli" heard, ann.: "Napoli Radio", heard 1752 - 2100, frequency drifting down to 13999,4 kHz
DARC	14000,0	1126	03	06	INS	UiILL	J3E-U	Indonesian pirates
DARC	14000,0	2003	06	06	B	UiILL	J3E-U	pirates
DARC	14000,0	1752	08	06		UiBC	A3E	IM, bearing "South"
DARC	14000,0	2135	16	06	F	UiILL	J3E-U	pirate net in French voice, male persons, QTE 220 degs.
DARC	14000,0	1655	27	06	E	UiILL	J3E-U	Spanish fishery
DARC	14000,4	1300	29	06	CLN	UiILL	J3E-U	pirates in Tamil voice, to 14001,4
DARC	14001,4	1300	29	06	CLN	UiILL	J3E-U	pirates in Tamil voice, from 14000,4
DARC	14029,9	2037	29	06	POR	UiILL	J3E-U	2 male persons in Port. Voice, S9+10dB, at 2041: "encima" and to 14049,9
DARC	14049,9	2041	29	06	POR	UiILL	J3E-U	2 male persons in Port. Voice, S9+10dB, at 2043 to 14070
DARC	14053,0	0844	08	06		UiMUX	XXX	rushing noise
DARC	14070,0	2043	29	06	POR	UiILL	J3E-U	2 male persons in Port. Voice, only staying for a few seconds (due to

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments
								interference of DJ9KR)
DARC	14170,0	0630	17	06		UiMUX	FSK8	is active
DARC	14295,1	1524	08	06	TJK	R. Tajikistan	A3E	is active
DARC	14295,1	0120	10	06	TJK	R. Tajikistan	A3E	
DARC	14299,0	0634	10	06		UiPTR	F1B	fast reversals
DARC	14350,0	2034	07	06	E	UiILL	J3E-U	meeting of Spanish stations, male and female persons, fishery?
DARC	14350,0	1940	08	06	E	UiILL	J3E-U	Spanish fishermen
DARC	14350,0	vt	12	06	E	UiILL	J3E-U	2 male persons in Spanish, no amateurs!
DARC	14350,0	vt	14	06	I	I?CBB	J3E-U	OP Lino, heard 1158 - 1202 - says his activity is correct
DARC	18180,0	0844	08	06	CHN	Hainan Firedrake Jammer	JAM	is active, just info!
DARC	21000,0	1449	08	06	SDN	MFA Sudan	J3E-U	traffic with Sudan Emba Yemen
DARC	21000,0	1449	08	06	YEM	SDN Emba Yemen	J3E-U	traffic with MFA Sudan
DARC	21000,0	2010	09	06	E	UiILL	J3E-U	pirates in Spanish voice, fishery
DARC	21000,0	1559	21	06	CIS	UiILL	J3E-U	male person in Russian voice, "priyom"
DARC	21000,0	vt	vd	06	E	UiILL	J3E-U	Spanish fishery, one man is "Diego", heard 18 22 23 30 at 0750, 1719, 1620, 0818
DARC	21003,0	0819	30	06	E	UiILL	J3E-U	Spanish fishery, engine noise
DARC	21447,0	1900	22	06	USA	Family Radio	A3E	splatters from 21455
DARC	21447,0	1840	30	06	USA	Family Radio	A3E	splatters from 21455
DARC	21455,0	1930	22	06	F	R.France Inter	A3E	French px S9+10dB, harmful splatters into ham band
DARC	28000,0	2158	13	06	E	UiILL	J3E-U	Spanish fishery in Mediterranean Sea, engine noise heard
DARC	28005,0	1933	07	06	RUS	UiILL	F3E	taxi business
DARC	28005,0	1520	09	06	RUS	UiILL	F3E	taxi business
DARC	28005,0	0717	19	06	RUS	UiILL	F3E	taxi business
DARC	28025,0	1728	07	06	HUN	UiILL	J3E-U	Hungarian CB-ers
DARC	28035,0	1646	06	06	RUS	UiILL	F3E	taxi business, daily
DARC	28055,0	0945	01	06	RUS	UiILL	F3E	taxi business, daily
DARC	28065,0	0852	01	06	CIS	UiILL	F3E	Russian female traffic
DARC	28075,0	vt	vd	06	RUS	UiILL	F3E	taxi business, heard 05 06 at 1919, 0700
DARC	28085,0	0907	01	06	RUS	UiILL	F3E	taxi business
DARC	28090,0	1945	07	06	RUS	UiILL	F3E	taxi business
DARC	28090,0	0745	21	06	CIS	UiILL	F3E	pirates in Russian voice
DARC	28100,0	vt	13	06	IRL	EI4CE	J3E-U	OP Con, Cork - Amateur Radio traffic! - heard 0813 - 0822, then to 28200 - for info
DARC	28100,0	vt	13	06	IRL	EI8CS	J3E-U	OP Daniel, Cork - Amateur Radio traffic! - heard 0813 - 0822, then to 28200 - for info
DARC	28105,0	0856	01	06	CIS	UiILL	F3E	male to female in Russian voice
DARC	28105,0	0824	11	06	E	UiILL	A3E	Spanish CB-ers
DARC	28105,0	1300	11	06	RUS	UiILL	F3E	taxi business, daily
DARC	28105,0	0624	14	06	E	UiILL	A3E	2 male persons in Spanish
DARC	28115,0	1704	07	06	TUR	UiILL	F3E	Turkish CB-ers, man and child
DARC	28115,0	vt	vd	06	RUS	UiILL	F3E	taxi business heard 03 06 at 1830, 1712
DARC	28125,0	vt	01	06	ROU	UiILL	F1B	2 male persons, mentioning "Bukarest" - heard 0627 - 0637
DARC	28135,0	0846	19	06	RUS	UiILL	F3E	taxi business
DARC	28145,0	1646	07	06	RUS	UiILL	F3E	taxi business
DARC	28155,0	vt	vd	06	RUS	UiILL	F3E	taxi business, heard 06 19 at 1350, 0655
DARC	28165,0	1247	01	06	RUS	UiILL	F3E	taxi business
DARC	28175,0	1006	19	06	RUS	UiILL	F3E	taxi business
DARC	28185,0	1950	22	06	E	UiILL	A3E	Spanish CB-ers
DARC	28200,0	0822	13	06	IRL	EI4CE	J3E-U	OP Con, Cork - Amateur Radio traffic! - from 28100 - for info

CLUB	kHz	UTC	DD	MM	ITU	IDENT	MODE	Remarks and Comments	
DARC	28200,0	0822	13	06	IRL	EI8CS	J3E-U	OP Daniel, Cork - Amateur Radio traffic! - from 28100 – for info	
DARC	28205,0	0624	14	06	E	UiILL	A3E	2 male persons in Spanish, engine noise, word "barco" (= ship) often mentioned	
DARC	28225,0	1740	11	06	RUS	UiILL	F3E	taxi business	
DARC	28235,0	2008	22	06	G	UiILL	F3E	UK CB-ers in FM	
DARC	28255,0	0846	11	06	E	UiILL	A3E	Spanish CB-ers, AM and voice scrambler	
DARC	28285,0	1621	01	06	E	UiILL	A3E	Spanish male voices	
DARC	28285,0	0924	13	06	RUS	UiILL	F3E	taxi business	
DARC	28286,9	0730	01	06	F	UiILL	J3E-L	French male voices	
DARC	28295,0	2148	04	06	RUS	UiILL	F3E	taxi business, daily	
DARC	28305,0	1620	01	06	E	UiILL	A3E	OP Pablo, Murcia	
DARC	28305,0	0813	13	06	E	UiILL	A3E	2 male persons in Spanish voice, switching to SSB-LSB	
DARC	28305,0	0814	13	06	E	UiILL	J3E-L	2 male persons in Spanish voice, switching from A3E to SSB-LSB, "paso dos" and off frequency	
DARC	28305,0	vt	vd	06	RUS	UiILL	F3E	taxi business heard 01 04 at 0908, 2200	
DARC	28325,0	0736	13	06	RUS	UiILL	F3E	taxi business	
DARC	28347,9	1102	14	06	CIS	UiILL	J3E-U	male to female in Russian voice, male weak, female strong	
DARC	28375,0	1543	21	06	E	UiILL	A3E	3 stations in Spanish voice	
DARC	28400,0	1710	06	06	RUS	UiILL	F3E	taxi business	
DARC	28710,0	1711	06	06	RUS	UiILL	F3E	taxi business	
DARC	28785,0	0909	19	06	RUS	UiILL	F3E	taxi business	
DARC	28935,0	1741	11	06	RUS	UiILL	F3E	taxi business	
DARC	29195,0	1022	13	06	RUS	UiILL	F3E	taxi business	
DARC	29205,0	1907	12	06	E	UiILL	F3E	Spanish family traffic, no hams	

DARC – Germany – Part 2 – 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

DK2OM	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DK2OM	1812,0	1800	dly	06	POL		A3E			Polish “PIP” – 10 tones – North-Poland – Baltic coast - POL Navy ?
DK2OM	1896,5	ady	dly	06	D		PSK8	2400	2600	Stanag4285 – 600 bps long German Navy – North-Germany
DK2OM	3500,0	vt	dly	06	TUR	no ITU	FSK8	125	1750	ALE, “1020” “2010” “2015” - Turkish Red Crescent
DK2OM	3500,0	2145	02	06						frequency hopper
DK2OM	3503,5	vt	dly	06	G	no ITU	FSK8	125	1750	ALE – “XSS” “XPU” – British MIL Tascomm
DK2OM	3506,0	vt	dly	06	ALG	no ITU	FSK8	125	1750	ALE, “FS40” “GS46” “GS50”
DK2OM	3511,5	2058	03	06	UKR		PSK2	120	2600	AT3004D - west of Kiev
DK2OM	3517,0	2057	29	06	UKR		PSK2	120	2600	AT3004D - Sevastopol
DK2OM	3529,0	2108	03	06	UKR		PSK2	120	2600	AT3004D - Odessa
DK2OM	3531,0	1900	dly	06	RUS		A1A			only dots – duration of one dot 20 msec – gaps = 10 msec - 33 dots/sec - Kaliningrad
DK2OM	3532,0	2300	27	06	ALG		FSK8	125	1750	ALE, “VR20” “VR21”
DK2OM	3533,0	vt	dly	06	E	no ITU	FSK8	125	1750	ALE, “TYV” “TWL” - Spanish Guardia Civil
DK2OM	3550,0	vt	dly	06	F	no ITU	FSK8	125	1750	ALE, “DRI” - French MIL
DK2OM	3553,8	ady	dly	06	TUR		PSK8	2400	2600	Stanag4285 – TUR MIL
DK2OM	3555,8	1850	29	06	KGZ		F1B	150	150	Kirgistan
DK2OM	3558,0	vt	dly	06	TUR	no ITU	FSK8	125	1750	ALE, “1020” Turkish Red

DK2OM	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
										Crescent
DK2OM	3560,0	1800	dly	06	KRE		A3E			Voice of North-Korea – illegal!
DK2OM	3566,0	vt	dly	06	E	no ITU	FSK8	125	1750	ALE, “TWL” “TXX” “TZS” “TYM” Spanish Guardia Civil
DK2OM	3572,5	2106	13	06	BLR		PSK2	120	2600	AT3004D - Molodechno
DK2OM	3577,0	ady	dly	06	I	IZ3DVW	A1A			uncoordinated beacon
DK2OM	3585,0	1700	dly	06	TWN	HLL	F1C			120 rpm, IOC 576, Wxfax
DK2OM	3590,0	vt	dly	06	PAK	no ITU	FSK8	125	1750	ALE, “KW” “TARIQ” – “KHA” “NRS”
DK2OM	3594,0	vt	dly	06	ALG	no ITU	FSK8	125	1750	ALE, “BT30” “FS30” “WA30”
DK2OM	3595,0	vt	dly	06	D	no ITU	FSK8	125	1750	ALE, „ZLST“ „ZPRI“ „ZSHO“ „ZBOR“ „ZEMD“ „ZHEL“ „ZKNI“ „ZBOR“ German customs – North-Germany
DK2OM	3596,0	vt	dly	06	HRV	9A0ALE	FSK8	125	1750	Croatian emergency ALE-net --- for info!
DK2OM	3596,0	vt	dly	06	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” – just for info
DK2OM	3596,0	2020	dly	06	RUS		PSK4	120	2600	AT3104D - south of Minsk
DK2OM	3603,0	vt	vd	06	D	DA0EC	PSK8	2000	2000	RFSM 8000 – amateur emergency net - Berlin - legal operation - just for info!!!
DK2OM	3606,0	vt	dly	06	ALG	no ITU	FSK8	125	1750	ALE, “FS20” “TP20” “XT2”
DK2OM	3608,0	1955	01	06	RUS		F1B	50	200	Kaliningrad
DK2OM	3622,5	1845	dly	06	J	JMH	F1C			Tokyo Meteo - 120 rpm - IOC 576 – weather charts
DK2OM	3716,3	vt	dly	06	CHN	no ITU	FSK8	125	1750	ALE, “140” “3SH”
DK2OM	3725,0	vt	dly	06	E	no ITU	FSK8	125	1750	ALE, “TWC” “TWVS1” - Spanish Guardia Civil
DK2OM	3735,0	1600	dly	06	POL		F1B	43	500	idling, South of Warsaw
DK2OM	3744,5	2100	08	06	ISR		PSK4	75	2300	MIL-188-110A - hybrid modem
DK2OM	3756,0	ady	dly	06	UKR		A3E			“The Pip” - 10 tones – UKR - MIL
DK2OM	3772,0	2010	15	06	RUS	P	A1A			beacon P, Kaliningrad – legal!
DK2OM	3782,0	ady	dly	06	POR	CTP	F1B	75	850	POR Navy headquarter Lisbon
DK2OM	3794,0	vt	dly	06	ALG	no ITU	FSK8	125	1750	ALE, “FS20” - ALG MIL
DK2OM	3794,0	1940	01	06	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DK2OM	3797,0	1931	01	06		USL2	A1A			
DK2OM	3800,0	vt	dly	06	MEa	no ITU	FSK8	125	1750	ALE, “T1Z130” “T28CAB” US MIL
DK2OM	7000,0	vt	dly	06	IRQ	no ITU	FSK8	125	1750	ALE, “Tallil” “Basrah” “Alkut”– US MIL Iraq
DK2OM	7000,0	vt	dly	06						frequency hopper
DK2OM	7000,0	vt	dly	06	IRQ	no ITU	FSK8	125	1750	ALE, “T3Z158” “TEAGLE” - US MIL
DK2OM	7000,0	vt	dly	06						frequency hopper
DK2OM	7000,0	vt	dly	06	LBY	no ITU	FSK8	125	1750	ALE, “HQ3” “Ghadames” – Libyan GMRA
DK2OM	7001,5	1800	16	06	GEO	no ITU	F1B	300	200	Packet 300 Bd, idents: “Stavka” “Globus” – 5 figure groups – location POTI – Black Sea
DK2OM	7002,0	1015	23	06			PSK8	2400	2600	Stanag4285 – weak signal
DK2OM	7008,0	vt	dly	06		no ITU	FSK8	125	1750	ALE, “222” “297” “847” “981”
DK2OM	7010,0	vt	dly	06	GRC	no ITU	FSK8	125	1750	ALE, “RS004A” - NATO NC3A Network
DK2OM	7014,0	vt	dly	06	NIG	no ITU	FSK8	125	1750	ALE, “4411” “4412” “4413” Nigerian MOI (police)
DK2OM	7016,0	0611	07	06	RUS		F1B	75	250	Kaliningrad
DK2OM	7020,0	vt	dly	06	GRC	no ITU	FSK8	125	1750	ALE, “BS008C1” “CS004A” - NATO NC3A Network
DK2OM	7030,0	1923	05	06	RUS		PSK2	120	2600	AT3004D
DK2OM	7038,7	ady	dly	06	UKR	D	A1A			Cluster beacon – Sevastopol RUS Navy – “RCV”
DK2OM	7038,8	ady	dly	06	RUS	P	A1A			Cluster beacon – Kaliningrad RUS Navy – “RMP”
DK2OM	7038,9	ady	dly	06	RUS	S	A1A			Cluster beacon – Murmansk RUS Navy – „RIT“
DK2OM	7039,0	ady	dly	06	RUS	C	A1A			Cluster beacon - Moscow

DK2OM	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
										RUS Navy - "RIW"
DK2OM	7039,2	ady	dly	06	RUS	F	A1A			Cluster beacon - Vladivostok RUS Navy - "RJS"
DK2OM	7039,3	ady	dly	06	RUS	K	A1A			Cluster beacon - Petropavlovsk RUS Navy - "RCC"
DK2OM	7039,9	ady	dly	06	I	IZ3DVW	A1A			IZ3DVW - beacon not coordinated
DK2OM	7040,5	vt	dly	06	D	DK0ESD	FSK8	125	1750	ALE, "DK0ESD" - just for info
DK2OM	7046,0	2106	21	06						frequency hopper
DK2OM	7049,5	2148	18	06	F POR		FSK8	125	1750	ALE, "F4BXW" "CT2GOY" - just for info
DK2OM	7053,0	0805	29	06						frequency hopper
DK2OM	7054,0	vt	dly	06	RUS		F1B	50	200	RUS MIL - Moscow
DK2OM	7054,0	0803	29	06	RUS		PSK2	120	2600	AT3004D - Sterlitamak
DK2OM	7070,0	vt	dly	06	CHN	no ITU	FSK8	125	1750	ALE, "288" "514" - PRC-PLA
DK2OM	7071,0	2125	21	06						frequency hopper
DK2OM	7080,0	2040	18	06	RUS		F1B	50	200	Kaliningrad
DK2OM	7089,9	1340	dly	06	UKR		F1C			Wxfax - 60 rpm, IOC576, Sevastopol - RUS Naval Base
DK2OM	7090,0	2318	10	06	TUR		PSK8	2400	2400	Link11 slew - West Turkey
DK2OM	7092,0	vt	dly	06	TUR	no ITU	FSK8	125	1750	ALE, "2010" "2016" - Turkish Red Crescent
DK2OM	7097,4	1847	08	06	RUS		PSK2	120	2600	AT3004D - St. Petersburg
DK2OM	7102,0	vt	dly	06	I	IK2YXT	FSK8	125	1750	ALE, "IK2YXT" - amateur ALE - just for Info
DK2OM	7102,0	1150	15	06	D	DK0ESD	FSK8	125	1750	ALE, "DK0ESD" - just for info
DK2OM	7116,0	vt	dly	06	CHN	no ITU	FSK8	125	1750	ALE, "1706" "984" "139"
DK2OM	7122,0	vt	vd	06	RUS	RDL	F1B	50	200	RUS Navy - area of Murmansk
DK2OM	7124,0	1709	10	06	RUS		PSK2	120	2600	AT3004D - Severomorsk
DK2OM	7125,0	1017	23	06	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DK2OM	7131,0	0746	04	06						frequency hopper
DK2OM	7137,0	1933	27	06	RUS		F1B	50	200	Kaliningrad
DK2OM	7139,5	2126	21	06	RUS		F1B	75	200	Murmansk
DK2OM	7140,0	vt	dly	06	UZB	no ITU	FSK8	125	1750	ALE, "1104" "1708" "1703"
DK2OM	7141,0	vt	dly	06		no ITU	FSK8	125	1750	ALE, "7852"
DK2OM	7160,0	0735	12	06						frequency hopper
DK2OM	7162,0	0515	19	06	RUS		F1B	75	250	RUS MIL - Jekaterinburg
DK2OM	7165,0	1620	dly	06	ETH	QRM	A3E			white noise from Radio Ethiopia
DK2OM	7170,0	1034	23	06	CIS		F1B	75	200	
DK2OM	7175,0	1620	dly	06	ETH	QRM	A3E			white noise from Radio Ethiopia
DK2OM	7180,5	2130	30	06	LVA		PSK2	120	2600	AT3004D - area of Riga
DK2OM	7181,0	2312	07	06	RUS		PSK2	120	2600	AT3004D - Novosibirsk
DK2OM	7185,0	1501	03	06	ETH	QRM	noise		9000	broadbandsignal, white noise, no carrier
DK2OM	7185,5	vt	dly	06	D		FSK8	125	1750	ALE, "DK0ESD" just for info!
DK2OM	7186,0	1838	03	06	RUS		PSK2	120	2600	AT3004D - Severomorsk
DK2OM	7198,0	0836	10	06	RUS		PSK2	120	2600	AT3004D - Smolensk
DK2OM	10108,0	0954	18	06	RUS		F1B	50	200	east of Moscow
DK2OM	10112,0	ady	dly	06	TUR		PSK8	2400	2600	Stanag4285 - 600 bps long - Turkish MIL
DK2OM	10113,0	vt	dly	06	TUN	no ITU	FSK8	125	1750	ALE, "TU1" "TUD" - Tunisian MOI
DK2OM	10115,0	0600	dly	06	RUS		FSK4	96	1500	CIS 14 group - Moscow - dly
DK2OM	10115,0	1949	07	06		no ITU	FSK8	125	1750	ALE, "2001"
DK2OM	10120,0	vt	vd	06	RUS		PSK4	120	2600	AT3104D - Samara
DK2OM	10122,0	1225	02	06	SRB		F1B	50	500	50 Bd async. - Serbia
DK2OM	10124,0	vt	dly	06	ALG	no ITU	FSK8	125	1750	ALE, "CM1" "CTF" - Algerian Airforce
DK2OM	10130,0	vt	dly	06			FSK8	125	1750	Thales Skymaster - uniden
DK2OM	10130,0	2215	dly	06	USA		F1B	50	850	Maine - USA
DK2OM	10135,0	vt	dly	06	ARS	no ITU	FSK8	125	1750	ALE, "NAI" "RCI" - Saudi Arabian MIL
DK2OM	10136,0	2015	20	06	RUS		F1B	50	200	East Russia
DK2OM	10145,0	vt	vd	06	RUS		PSK2	120	2600	AT3004D - Moscow
DK2OM	10150,0	1919	05	06	CYP		P0N			OTH Radar Cyprus - 50 pps
DK2OM	14000,0	1715	02	06						frequency hopper
DK2OM	14000,0	1600	03	06	CYP		P0N			OTH Radar Cyprus, 50 pps

DK2OM	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DK2OM	14007,5	1750	04	06	LBY		noise		35000	white noise – 13990 – 14025 North East Libya
DK2OM	14008,0	1345	06	06	RUS		F1B	75	250	RUS MIL - Moskau
DK2OM	14026,0	0614	07	06	RUS		PSK2	120	2600	Moscow
DK2OM	14081,0	1016	28	06	RUS		F1B	75	250	Moscow
DK2OM	14086,0	1349	23	06	RUS		F1B	75	500	Far East Russia – RUS Navy
DK2OM	14091,0	0727	04	06	RUS		PSK4	120	1750	AT3104D - Far East Russia
DK2OM	14109,0	2007	14	06	POR		FSK8	125	1750	ALE, “CT2IXQ” - just for info
DK2OM	14112,0	0739	12	06	POR	CT2GOY	FSK8	125	1750	ALE, “CT2GOY” – just for info!
DK2OM	14109,5	1551	06	06	POR		FSK8	125	175	ALE, “CT1REP” – just for info
DK2OM	14118,0	1109	14	06	LTU		PSK2	120	2600	AT3004D – north of Vilnius
DK2OM	14118,0	0346	09	06	RUS		A1A			5 letter and figure groups - Moscow
DK2OM	14120,0	0742	13	06	BLR		F1B	75	250	north east of Minsk
DK2OM	14122,0	1009	27	06	RUS		PSK2	120	2600	AT3004D – area of Moscow
DK2OM	14141,0	1455	19	06	RUS		F1B	75	500	Moscow
DK2OM	14162,0	0610	15	06	RUS		PSK2	120	2600	AT3004D - Smolensk
DK2OM	14186,0	0815	19	06	RUS		PSK2	120	2600	Novosibirsk
DK2OM	14192,0	1729	30	06	RUS		F1B	50	200	RUS Navy Kaliningrad
DK2OM	14223,5	0840	24	06	EGY		PSK4	16 x 75	1700	Codan 9001 - MFA Cairo
DK2OM	14223,7	0835	24	06	EGY	TVXF	F1B	100	170	Sitor A - MFA Cairo calling “TVXF” – EGY emba Madrid
DK2OM	14224,8	1758	23	06	G		PSK8	2400	2600	Stanag4285 – 1200 bps long West England - DHFCS
DK2OM	14240,0	0931	21	06	RUS		F1B	75	250	north of Moscow
DK2OM	14241,0	1228	02	06	CHN	no ITU	FSK8	125	1750	ALE, “193” “905”
DK2OM	14242,0	0910	08	06	RUS		PSK2	120	2600	AT3004D - Moscow
DK2OM	14292,0	0558	09	06			A1A			encrypted CW
DK2OM	14295,2	ady	dly	06	TJK		A3E			Radio Tajik – 3 rd from 4765
DK2OM	14333,0	1347	06	06	RUS		F1B	50	200	Kaliningrad
DK2OM	14346,0	vt	dly	06	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” - just for info
DK2OM	14348,5	vt	vd	06	LBY		F1B	600	600	DPRK-FSK 600 – KRE emba traffic – 180° from DL
DK2OM	14349,0	vt	dly	06	CHN	no ITU	FSK8	125	1750	ALE, “132” “788” “559”
DK2OM	14350,0	1030	16	06						frequency hopper
DK2OM	21000,0	vt	dly	06						frequency hopper
DK2OM	21002,2	1430	dly	06	YEM		F1B	100	200	Pactor I, MFA Sudan + Sudan emba Yemen, encrypted traffic
DK2OM	21002,2	1000	vd	06	SDN		F1B	100	200	Pactor I, MFA Sudan + Sudan emba Yemen, encrypted traffic
DK2OM	21116,0	vt	dly	06	POR	CT1REP	FSK8	125	1750	“ALE” – “CT1REP” - just for info!
DK2OM	21145,7	ady	dly	06	I	IZ3DVW	A1A			IZ3DVW - uncoordinated beacon and unwanted
DK2OM	21447,0	1903	22	06						frequency hopper
DK2OM	24893,0	1640	13	06						frequency hopper
DK2OM	24980,0	ady	dly	06	I		P0N			Codar HF Radar – Venice – 24950 – 25050 kHz – 2 sweeps/sec
DK2OM	25000,0	ady	dly	06	FIN		A3E			time signal – Helsinki – just for info!
DK2OM	28005,0	0844	22	06						frequency hopper
DK2OM	28145,0	vt	dly	06	RUS		F3E		6500	uniden digital sweep-signal – Pushkinskiye Gory
DK2OM	28236,0	2215	22	06						frequency hopper
DK2OM	29684,8	ady	dly	06	I		serial			serial modem, Italian MIL Brescia
DK2OM	29699,8	ady	dly	06	I		serial			serial modem, Italian MIL Brescia
DK2OM	50107,0	1722	05	06						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	06	FSK8 (ALE)	USA	UiMUX	125	1750	T2159, T3Z158 USAF
MRASZ	7000,0	VT	VD	06	FSK8 (ALE)	LBY	UiMUX	125	1750	HQ3 Called Ghadames
MRASZ	7000,0	VT	VD	06	FSK8 (ALE)	IRQ	UiMUX	125	1750	TALLIL Sounded. IN TALLIL
MRASZ	7010,0	VT	VD	06	FSK8 (ALE)	NATO	UiMUX	125	1750	CS-RS NATO NC3A Network
MRASZ	7014,0	VT	VD	06	FSK8 (ALE)	NIG	ALE	125	1750	411411-411413 „411” Net Nigerian Police
MRASZ	7020,0	VT	VD	06	FSK8 (ALE)	NATO	UiMUX	125	1750	CS-RS NATO NC3A Network
MRASZ	7045,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	1001 Sounded
MRASZ	7055,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	132, 168, 134, 168, 135, 168. UNID
MRASZ	7070,0	VT	VD	06	FSK8 (ALE)	GEO	UiMUX	125	1750	244-288 NET possible GEORGIAN
MRASZ	7092,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	4001,2001 Subnets lots of callsigns F001 NET
MRASZ	7095,0	VT	VD	06	FSK8 (ALE)	UZB	UiMUX	125	1750	110 NET (1101,1102,1702,1703, 1706,1709 Uzbek Forces
MRASZ	7100,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	1573 Sounded UNID.
MRASZ	7107,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	4378xx-NET (437802, 437805, 437806, 437815, 437817, 437843.
MRASZ	7115,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	3 Sounded
MRASZ	7116,0	VT	VD	06	FSK8 (ALE)	UZB	UiMUX	125	1750	110 NET (1101,1102,1702,1703, 1706,1709 Uzbek Forces
MRASZ	7140,0	VT	VD	06	FSK8 (ALE)	Ui	UiMUX	125	1750	110-NET (1101, 1102, 1702, 1703, 1706, 1709) UZBEK FORCES
MRASZ	7141,0	VT	VD	06	FSK8 (ALE)	UZB	UiMUX	125	1750	110-NET (1101, 1102, 1702, 1703, 1706, 1709) UZBEK FORCES
MRASZ	7149,0	VT	VD	06	FSK8 (ALE)	ALB	UiMUX	125	1750	ALBANIAN MoPO. 5810 SOUNDING
MRASZ	7197,0	VT	VD	06	FSK8 (ALE)	TUR	UiMUX	125	1750	Red Crescent TURKEY 4 FIGURES NET.

OEVSV – Austria – OE3DMA (Alex)

REP – Portugal – CT4AN (Jose Francisco) and CT1JTQ (Angelo)

RSGB - Great Britain – G4BOH (Chris)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
RSGB	7160-7200	0500-0530	DLY	06	ROU	BC	DRM	-	-	QRM from Radio Romania DRM TX on 7215 kHz. Message received by Baldock to say that problem is being worked on. Observations continue.
RSGB	14224.8	2000	22/23	06	G	STANAG 4285	J1D PSK8	2400	2600	UK based NATO TX. Baldock phoned site, signal went.

SRAL – Finland – OH2BLU (Pekka)

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
SRAL	7008,0	0400-0900	*	6		UiPTR	F1B		250	Days 7, 12, 14, 19
SRAL	7010,0	0600-1100	5,13	6		UiMUX	J7D	12x120	12x200	
SRAL	7016,0	0330-1645	*	6		UiPTR	F1B		250	Days 2, 3, 7, 15, 27
SRAL	7018,6	0600-1630	17, 18	6		UiCarr	N0N			Space of F1 ?
SRAL	7019,0	1630	3	6	RUS	RXL	A1A			
SRAL	7019,1	1645-1930	16, 17	6		UiCarr	N0N			Space of F1 ?
SRAL	7023,0	1300-1530	4	6		UiMUX	J7D	12x120	12x200	
SRAL	7025,0	1430	19	6		UiPTR	F1B		200	
SRAL	7032,0	1730-1830	1	6		UiMUX	J7D	12x120	12x200	
SRAL	7034,0	0600-1100	16, 25	6		UiPTR	F1B		250	
SRAL	7035,5	1250	24	6		UiMUX	J7D	12x120	12x200	
SRAL	7038,7	h24	dly	6	UKR	D	A1A			Sevastopol
SRAL	7038,9	h24	dly	6	RUS	S	A1A			Severomorsk
SRAL	7039,0	h24	dly	6	RUS	C	A1A			Moscow
SRAL	7048,5	1030-1500	5, 6	6		UiPTR	F1B		250	
SRAL	7050,5	0915-0945	6	6		UiMUX	J7D	12x120	12x200	
SRAL	7054,0	01300-0700	dly	6	RUS	RDL	F1B		200	25 Hz dotter
SRAL	7054,0	1700-2000	dly	6	RUS	RDL	F1B		200	25 Hz dotter
SRAL	7054,0	0530-0910	29	6		UiMUX	J7D	12x120	12x200	
SRAL	7056,0	0220	22	6	RUS	CNIF	A1A			
SRAL	7058,0	0440	17	6		UiPTR	F1B			
SRAL	7059,0	0330-1130	4,15 19	6		UiMUX	J7D	12x120	12x200	
SRAL	7062,0	0730-0900	1, 6, 27	6		UiPTR	F1B		250	
SRAL	7072,0	1855	21	6		UiMUX	J7D	12x120	12x200	
SRAL	7076,0	0545	3	6		UiPTR	F1B		250	
SRAL	7080,0	0330-0600	20-29	6		UiPTR	F1B		200	
SRAL	7086,4	1040	21	6		UiPTR	F1B		500	
SRAL	7086,75	1130-1330	17	6		UiPTR	F1B		500	
SRAL	7091,5	1230-1500	*	6		UiPTR	F1B		250	Days 1, 4, 16, 17
SRAL	7093,0	1415-1700	9	6		UiPTR	F1B			
SRAL	7097,0	1700-2000	4, 8	6		UiMUX	J7D	12x120	12x200	
SRAL	7110,0	0300-	dly	6	ETH	R Eth.	A3E			

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
		0600								
SRAL	7110,0	1400-2100	dly	6	ETH	R Eth.	A3E			
SRAL	7111,0	0530-1800	*	6	RUS	UiPTR	F1B		250	Days 17, 19, 23, 25, 27
SRAL	7113,0	1310	6	6		TN9B	A1A			
SRAL	7116,6	0430-1930	15-17	6		UiCarr	N0N			
SRAL	7122,0	0200-2000	dly	6	RUS	RDL	F1B/A		200/250	Kaliningrad, MR 5F
SRAL	7124,0	1015-1820	10, 16	6		UiMUX	J7D	12x120	12x200	
SRAL	7125,0	1800-2100	dly	6	GUI	R. Conakry	A3E			
SRAL	7125,0	1055	23	6		UiMUX	J7D	12x120	12x200	
SRAL	7128,0	1110	15	6		UiPTR	F1B			
SRAL	7139,5	1920	21	6		UiPTR	F1B		200	
SRAL	7142,0	0530	16	6		UiCW	A1A			Random MR
SRAL	7145,0	1150-1230	24	6		UiPTR	F1B			
SRAL	7157,0	1710	10	6		UiMUX	J7D	12x120	12x200	
SRAL	7162,0	0400-1500	*	6		UiPTR	F1B		250	Days 3, 8, 19, 23, 27, 28
SRAL	7165,0	0330-0530	dly	6	ETH	R Eth	A3E			
SRAL	7165,0	1300-2000	dly	6	ETH	R Eth	A3E			Up to +/- 20 kHz avoiding jam.
SRAL	7166,0	1850-1920	23	6	RUS	“9”	A1A			Air defence msg
SRAL	7167,0	0430-1300	6,22, 27	6		UiPTR	F1B		250	
SRAL	7175,0	0300-0630	dly	6	ERI	VoBME	A3E			
SRAL	7175,0	1400-2005	dly	6	ERI	VoBME	A3E			Up to +/- 20 kHz avoiding jam.
SRAL	7178,0	0800-1100	16	6		UiMUX	J7D	12x120	12x200	
SRAL	7181,0	1830-2000	2, 3	6		UiMUX	J7D	12x120	12x200	
SRAL	7186,0	0200-2000	3-11	6	RUS	UiMUX	J7D	12x120	12x200	Murmansk
SRAL	7184,0	1030-1400	13, 25	6		UiPTR	F1B		500	
SRAL	7188,0	0600-1200	25, 28	6		UiPTR	F1B		250	
SRAL	7198,0	0500-2000	2, 3, 10	6		UiMUX	J7D	12x120	12x200	
SRAL	7200,0	0300-0600	dly	6		UiBC	A3E			
SRAL	7200,0	1030-1630	dly	6	RUS	R. Rossii	A3E			
SRAL	7200,0	1630-2100	dly	6	SDN	R Sudan	A3E			
SRAL	10140,0	1130-1300	6,30	6		UiOTHR	P0N			50 Hz, 30 kHz wide
SRAL	14008,0	0755	10	6		UiPTR	F1B			
SRAL	14026,0	0500-1800	*	6	RUS	UiMUX	J7D	12x120	12x200	Days 8, 9, 24, 29. Moscow
SRAL	14052,0	0715	8	6		UiMUX	J7D	12x120	12x200	
SRAL	14064,0	0550-0800	21	6		UiPTR	F1B		250	
SRAL	14081,0	0800-1230	21, 28	6		UiPTR	F1B		250	
SRAL	14083,0	1400-1800	7	6		UiMUX	J7D	12x120	12x200	
SRAL	14086,0	1345-1445	23	6		UiPTR	F1B		500	

Society	kHz	UTC	DD	MM	ITU	IDENT	MODE	BAUD	SHIFT	REMARKS
SRAL	14104,0	0750-1110	6,23	6		UiPTR	F1B		250	
SRAL	14108,0	0500-1110	*	6		LEVB, 9LFG	A1A			Days 11, 12, 19, 26
SRAL	14118,0	0650-1200	14, 27	6		UiMUX	J7D	12x120	12x200	
SRAL	14122,0	0825	15	6		UiMUX	J7D	12x120	12x200	
SRAL	14186,0	1015-1200	30	6		UiMUX	J7D	12x120	12x200	
SRAL	14242,0	0700-1200	8,30	6		UiMUX	J7D	12x120	12x200	
SRAL	14292,0	0530-0800	*	6		B3CD	A1A			Days 1, 3, 10, 20, 24 - 27
SRAL	14295,1	0300-2000	dly	6	TJK	R Tojikiston	A3E			3f 4765,05 kHz, Yangiyul TX
SRAL	14333,0	0755-1130	*	6		UiPTR	F1B			Days 6, 10, 23, 30
SRAL	28000-28375	0500-1600	*	6		UiVox	F3E			9 days, 49 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7000.0	0016	01	06	LBY	HQ3	MFSK8	125	1750	MIL 188-141A to: GHADAMES daily
USKA	7000.0	0031	01	06	IRQ	T2159	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	0048	01	06		TALLIL	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	0057	01	06		T3Z158	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	2234	08	06			J3E-U			spanish conversation
USKA	7000.865	2214	08	06			N0N			long-lasting carrier over hours
USKA	7010.0	1250	28	06		CS002	MFSK8	125	1750	MIL 188-141A daily
USKA	7010.0	1329	28	06		RS0011	MFSK8	125	1750	MIL 188-141A daily
USKA	7010.0	1339	28	06		RS009	MFSK8	125	1750	MIL 188-141A daily
USKA	7010.0	1612	28	06		RS0016	MFSK8	125	1750	MIL 188-141A daily
USKA	7011.8	1337	09	06			PSK-8	2400	2700	MIL 188-110A often
USKA	7018.7	1256	21	06			PSK-4	100		unid
USKA	7020.0	1038	08	06		CS004A	MFSK8	125	1750	MIL 188-141A daily
USKA	7020.0	1239	08	06		RS002D	MFSK8	125	1750	MIL 188-141A daily
USKA	7020.0	1306	08	06		RS0017D	MFSK8	125	1750	MIL 188-141A daily
USKA	7020.0	1411	08	06		RS0016D	MFSK8	125	1750	MIL 188-141A daily
USKA	7025.0	1354	11	06			F1B	50	200	unid
USKA	7036.0	1719	02	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	7038.7	2030	01	06	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7038.9	2036	01	06	RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	2029	01	06	RUS	C	A1A			Beacon C Moscow daily
USKA	7054.0	2026	01	06	RUS		F1B	50	200	unid daily
USKA	7080.0	2039	03	06			F1B	50	200	unid almost daily
USKA	7080.0	2042	03	06			F1A			unid
USKA	7089.8	2123	10	06			PSK8	2400	2600	Link 11 SLEW often
USKA	7092.0	1458	02	06		2015	PSK8	125	1750	MIL 188-141A daily
USKA	7097.5	2146	08	06			J7D	12x120	2600	CIS 12, idling only
USKA	7105.0	2203	01	06			A3E			BC: 2 stations, chinese: Sound of Hope + Firedrake ? daily
USKA	7110.0	2032	01	06	ETH		A3E			BC: Radio Ethiopia daily
USKA	7122.0	2108	01	06	RUS	RDL	F1B	50	200	unid daily
USKA	7125.0	2108	01	06	GUI		A3E			Radio Conakry (in french) daily
USKA	7130.0	2312	07	06			A3E			BC: unid (weak)
USKA	7140.0	1811	03	06		1106	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1813	03	06		1709	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1806	21	06	RUS		F1B	75	200	unid daily
USKA	7140.0	1707	23	06		1707	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1749	23	06		1101	MFSK8	125	1750	MIL 188-141A, LQA daily
USKA	7140.0	1751	23	06		1105	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1754	23	06		1708	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1756	23	06		1706	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1802	23	06		1713	MFSK8	125	1750	MIL 188-141A daily

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7162.0	1323	23	06			F1B	75	250	unid
USKA	7165.0	1551	02	06	ETH		A3E			Radio Ethiopia daily
USKA	7170.0	0910	23	06			F1B	75	250	unid often
USKA	7175.0	1549	02	06	ERI		A3E			Voice of Broad Masses daily
USKA	7175.0	1621	08	06			Noise		10 kHz	Jammer
USKA	7181.0	1726	02	06			J7D	12x120	2600	PSK-4: CIS 12 = AT3104D
USKA	7181.0	2306	07	06			J7D	12x120	2600	CIS 12, idling only
USKA	7186.0	1341	11	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D often
USKA	7188.0	1224	10	06			F1B	75	250	unid
USKA	7198.0	1543	02	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	7200.0	2007	03	06			A3E			BC: unid
USKA	14008.0	1245	21	06			F1B	50	250	unid
USKA	14026.0	1331	09	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	14081.0	1243	21	06			F1B	75	250	unid
USKA	14104.0	0904	23	06			F1B	75	250	unid
USKA	14118.0	0931	14	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	14119.0	1538	05	06			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	14120.0	0927	14	06			F1B	75	250	unid
USKA	14240.0	0926	23	06			F1B	75	250	unid
USKA	14262.0	0813	10	06			A1A			unid
USKA	14264.0	1012	08	06			J7D	12x120	2600	CIS 12, idling only
USKA	14332.0	0908	23	06			F1B	50	250	unid
USKA	14333.0	1008	10	06			F1B	50	200	unid daily
USKA	14333.0	1012	10	06		REU	F1A	50	200	unid
USKA	14335.0	0927	23	06			P0N	50pps	20kHz	OTHR, 14335 up
USKA	28019.81	0921	23	06		EB	A1A			fishery, driftnet buoy
USKA	28035.00	1131	07	06			F3E			2 ton signal and short voice
USKA	28049.76	1025	07	06		EB	A1A			fishery, driftnet buoy
USKA	28049.83	1024	07	06			A1A			fishery, driftnet buoy
USKA	28051.30	1023	07	06		BO	A1A			fishery, driftnet buoy
USKA	28055.00	1124	07	06			F3E			2 ton signal and short voice
USKA	28056.50	1126	07	06		NT	A1A			fishery, driftnet buoy
USKA	28059.55	0916	23	06		EZ	A1A			fishery, driftnet buoy
USKA	28059.71	1028	07	06		FE	A1A			fishery, driftnet buoy
USKA	28059.78	0918	23	06		FQ	A1A			fishery, driftnet buoy
USKA	28059.80	1028	07	06		EB	A1A			fishery, driftnet buoy
USKA	28060.30	1029	07	06		NE	A1A			fishery, driftnet buoy
USKA	28060.75	1029	07	06		AL	A1A			fishery, driftnet buoy
USKA	28061.58	0919	23	06		CY	A1A			fishery, driftnet buoy
USKA	28075.00	1156	07	06			F3E			2 ton signal and short voice
USKA	28076.55	1118	07	06		DL	A1A			fishery, driftnet buoy
USKA	28101.44	1208	10	06		AF	A1A			fishery, driftnet buoy
USKA	28105.00	1052	01	06			F3E			russian
USKA	28105.00	0922	23	06			R3E-U			spanish, fishery often
USKA	28106.23	1033	07	06		EN	A1A			fishery, driftnet buoy
USKA	28106.45	1031	07	06		NT	A1A			fishery, driftnet buoy
USKA	28141.10	0937	07	06		DA	A1A			fishery, driftnet buoy
USKA	28141.30	0938	07	06		P	A1A			fishery, driftnet buoy
USKA	28165.80	0914	23	06			R3E-U			spanish, fishery often
USKA	28194.94	1046	01	06		FO	A1A			fishery, driftnet buoy
USKA	28325.91	0930	07	06		L	A1A			fishery, driftnet buoy
USKA	28326.97	0934	07	06		B	A1A			fishery, driftnet buoy

Veron 1 – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	3720,0	19.11	2	6		UiPtr	F1B	750	Revs
VERON	3756,0	19.10	2	6	UKR		A3E		The "PIP"
VERON	7038,6	19.07	2	6	UKR	D	A1A		Beacon Sevastopol
VERON	7038,7	vt	vd	6	UKR	D	A1A		8 days, beacon,
VERON	7038,8	14.24	2	6	RUS	S	A1A		Beacon Murmansk
VERON	7038,9	vt	vd	6	RUS	S	A1A		S-beacon
VERON	7038,9	14.24	2	6	RUS	C	A1A		Beacon Moscow
VERON	7038,9	vt	vd	6	RUS	S	A1A		12 days, beacon,
VERON	7039,0	vt	vd	6	RUS	C	A1A		C-beacon

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7039,0	vt	vd	6	RUS	C	A1A		13 days, beacon Moscow
VERON	7054,0	vt	vd	6	CIS	UiPTR	F1B		Revs/Ptr
VERON	7054,0	19.06	2	6	RUS	UiPtr	F1B	200	Bad filter
VERON	7054,0	18.48	26	6	RUS	UiPtr	F1B	200	Idling; Bad filter
VERON	7054,0	04.45	vd	6	RUS	UiPtr	F1B	250	5 days, printer, 17.30 utc
VERON	7104,9	22.12	26	6		UiBC	A3E		2 different CHN BC stations; same frequency
VERON	7122,0	20.14	26	6		UiPtr	F1B	200	Revs
VERON	7122,0	04.42	vd	6	RUS	RDL	F1B	250	10 days, printer-reversals, 16.57 utc
VERON	7125,0	19.03	2	6	GUI	R.Conakry	A3E		Music/Speech; s7
VERON	7165,0	19.01	2	6	ETH	R.Ethiopia	A3E		Speech; s9+
VERON	7165,0	18.17	26	6	ETH	R.Ethiopia	A3E		Speech; s9+
VERON	7165,0	16.02	8	6		UiBC	A3E		speech and music
VERON	7165,0	16.45	18	6		UiJAM			white noise
VERON	7170,0	18.00	22	6		UiPTR	F1B		Ptr
VERON	7175,0	16.00	8	6		UiJAM			white noise
VERON	7181,0	19.00	2	6		UiMux	PSK12	3k2	
VERON	7185,0	18.57	2	6	ERI	VOBM	A3E		Music; s9
VERON	7197,0	18.56	2	6		UiMux	PSK12	2k4	
VERON	7200,0	17.44	8	6		UiBC	A3E		speech, French language
VERON	10112,0	14.19	2	6	TUR	UiMux	PSK8	2k4	Stanag
VERON	10112,0	12.57	4	6	TUR	UiMux	PSK8	2k4	Stanag
VERON	10130,0	08.54	24	6		UiPTR	F1B		Ptr
VERON	14008,0	vt	vd	6	CIS	UiPTR	F1B		Carrier/Revs/Ptr
VERON	14008,0	07.01	9	6		UiPtr	F1B	250	Printer qrt
VERON	14025,0	15.55	8	6	RUS	UiMux	J7D		12 MPSK
VERON	14025,0	07.00	9	6			PSK	2600	Stanag 4285
VERON	14026,0	07.02	vd	6	RUS	UiMux	J7D		13.48 utc, 12 MPSK, 4 days,
VERON	14051,0	08.43	8	6	RUS	UiMux	J7D		12 MPSK
VERON	14081,0	10.23	28	6		UiPTR	F1B		Ptr
VERON	14108,0	08.07	24	6	CIS	4OL3	A1A		QRJ3 QJG QYT9 k
VERON	14108,0	10.29	28	6	CIS	4OL3	A1A		ZLK ZFD ZZG QYT6 k (to: XS3X)
VERON	14108,0	08.15	29	6	CIS	9LFG	A1A		ZKA ZZG QYT6 k (to: ASOS)
VERON	14108,0	09.15	29	6	CIS	4OL3	A1A		Q-codes/5BL ending 899 k (to: TSZQ)
VERON	14108,0	10.04	21	6		9LFG	A1A		TSZQ de 9LFG R K tfc and proc
VERON	14108,0	10.13	21	6		9LFG	A1A		ASOS de 9LFG QYT6 K
VERON	14108,0	10.17	21	6		9LFG	A1A		ASOS de 9LFG QYT6 K
VERON	14116,0	10.36	14	6		UiMux	J7D		12 MPSK
VERON	14118,0	06.56	9	6		OFDM			
VERON	14120,0	10.42	24	6		UiPTR	F1B		Ptr
VERON	14120,0	09.19	27	6		OTHR?			100Hz spikes; 3K6 wide
VERON	14192,0	08.15	29	6		UiPTR	F1B		Revs/Ptr
VERON	14192,0	07.29	29	6		UiPtr	F1B	500	Printer
VERON	14240,0	08.45	8	6	RUS	UiMux	J7D		12 MPSK
VERON	14292,0	08.16	29	6	CIS	UicW	A1A		5BL ending 648 k
VERON	14333,0	vt	vd	6		UiPTR	F1B		Revs/Ptr
VERON	24899,0	10.25	28	6		UiPTR	F1B		Fast Revs
VERON	25000,0	14.01	2	6	Italy		PON		Codar, 24950 -25050 kHz; 12M band!

Veron 2 – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7019,0	13.40	1	6	RUS	UiPtr	F1B	500	Revs
VERON	7036,3	17.44	29	6		UiMUX	?		mode ? Qth ?
VERON	7039,2	17.43	10	6	RUS	F	A1A		F-beacon
VERON	7054,0	05.16	3	6	RUS	UiPtr	F1B	250	Revs
VERON	7111,0	13.12	23	6		UiPtr	F1B	250	Ptr
VERON	7122,0	06.29	2	6	RUS	RDL	F1A	250	RDL (F1A) +5F
VERON	7122,0	13.24	4	6	RUS	RDL	F1A	250	XXX XXX
VERON	7122,0	13.25	4	6	RUS	RDL	F1B	250	Revs

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SH	DETAILS
VERON	7122,0	16.30	8	6	RUS	RDL	F1A	250	5F
VERON	7122,0	08.30	11	6	RUS	RDL	F1A	250	RDL RDL RDL 15264 58479 (mni times)
VERON	7122,0	07.34	14	6	RUS	RDL	F1A	250	RDL 69576 96203 (many times)
VERON	7122,0	06.56	15	6	RUS	RDL	F1A	250	RDL 19917 24062 (many times)
VERON	7122,0	06.33	21	6		UiPtr	F1A	250	RDL (3x) 96806 00185 (3x) K
VERON	7122,0	06.49	21	6	RUS	RDL	F1A	250	RDL (3x) 30158 06951 (3x) K
VERON	7122,0	07.00	21	6	RUS	RDL	F1A	250	RDL (3x) 73407 10204 (3x) K
VERON	7124,0	17.48	10	6	RUS	UiMUX	J7D		2.6 khz wide, guard carrier 7125,4 khz
VERON	7162,0	13.18	23	6		UiPtr	F1B	250	Ptr
VERON	7170,0	13.20	23	6		UiPtr	F1B	250	Ptr
VERON	14026,0	09.55	29	6	RUS	UiMUX	J7D		12 MPSK, 2.6 khz wide, also at 17.12 utc
VERON	14064,0	05.12	21	6		UiPtr	F1B	250	Ptr
VERON	14071,5	17.40	29	6		UiMUX	?		mode ? Qth ? Also 30/6 '05.21 utc
VERON	14086,0	13.33	23	6		UiPtr	F1B	500	Ptr
VERON	14108,0	07.18	1	6	RUS	AILT	A1A		to 5YIG: proc., 5BL
VERON	14108,0	07.04	2	6	RUS	AILT	A1A		to CQJ6,TSWK,BJMA,JUF2, 5YIG, proc
VERON	14108,0	07.08	2	6	RUS	AILT	A1A		to W8TU:QTC 07937 21050 079
VERON	14108,0	07.08	2	6	RUS	AILT	A1A		ZFH 172= P P P P P /etc, 5BL
VERON	14108,0	09.05	2	6	RUS	AILT	A1A		to 5YIG: proc., 5BL
VERON	14108,0	05.08	3	6	RUS	AILT	A1A		to LNFF, 5BL
VERON	14108,0	05.41	7	6	RUS	9SNA	A1A		to W8TU:ZTF ZVL ZBZ QYT6 K
VERON	14108,0	07.12	8	6	RUS	AILT	A1A		to W8TU: 5BL
VERON	14108,0	07.10	10	6	RUS	AILT	A1A		to 5YIG, calls. 5BL
VERON	14108,0	08.21	10	6	RUS	BJPF	A1A		to W8TU, QCM, QRJ3,QJG, QYT9 K
VERON	14108,0	07.10	11	6	RUS	LEVB	A1A		to N98S: proc, 5BL
VERON	14108,0	07.19	11	6	RUS	SXJV	A1A		to YBSW: proc, 5BL
VERON	14108,0	05.08	12	6	RUS	Y1CQ	A1A		Y1CQ QTC AR (many times)
VERON	14108,0	05.12	12	6	RUS	LEVB	A1A		LEVB 87829 12 0848 878=844 5BL
VERON	14108,0	05.16	12	6	RUS	LEVB	A1A		to N1YR,N98S, NOOM,IVNV, SXYE etc
VERON	14108,0	07.11	12	6	RUS	LEVB	A1A		to N98S,proc, 5BL
VERON	14108,0	09.13	12	6	RUS	LEVB	A1A		to IVNY, 5BL
VERON	14108,0	07.04	14	6	RUS	SXJV	A1A		to IVNY, proc
VERON	14108,0	07.13	14	6	RUS	LEVB	A1A		to O4IC, 5BL
VERON	14108,0	06.09	15	6	RUS	AWID	A1A		to N98S, ZGF,ZPH, ZBO, QYT9 K
VERON	14108,0	06.29	15	6	RUS	LEVB	A1A		to SXYE,ZRK ZOL ZOF QYT(K
VERON	14108,0	06.36	15	6	RUS	LEVB	A1A		to N1YR,N98S, NOOM,IVNV, O4IC etc
VERON	14108,0	05.14	16	6	RUS	LEVB	A1A		to IVNV, proc, 5BL
VERON	14108,0	05.19	16	6	RUS	SXJV	A1A		to NOOM, ZIT ZOP ZAR QYT6 K
VERON	14108,0	05.09	17	6	RUS	LEVB	A1A		to N1YR, calls, 5BL
VERON	14108,0	05.04	21	6	RUS	9LFG	A1A		to I6BP: 5BL
VERON	14108,0	05.44	22	6	RUS	9LFG	A1A		to XS3X: calls
VERON	14108,0	05.53	22	6	RUS	IW9D	A1A		to XS3X:5BL, proc
VERON	14108,0	06.27	22	6	RUS	9LFG	A1A		to ASOS,XS3X, 3DC1,CQPJ,IWTG,D8SY
VERON	14108,0	05.08	23	6	RUS	9LFG	A1A		to IBBP, 5BL
VERON	14108,0	05.16	23	6	RUS	9LFG	A1A		to D8SY: proc, 5BL
VERON	14108,0	05.06	24	6	RUS	9LFG	A1A		to ASOS,XS3X, 3DC1,CQPJ,IWTG,D8SY
VERON	14108,0	05.20	24	6	RUS	9LFG	A1A		5BL, proc
VERON	14108,0	05.07	25	6	RUS	9LFG	A1A		5BL, proc
VERON	14108,0	05.10	28	6	RUS	Y1CQ	A1A		Y1CQ QTC ZNL AR (many times)
VERON	14108,0	05.13	28	6	RUS	9LFG	A1A		9LFG 085 2728 0904 085 ZNL 701 5BL K
VERON	14108,0	05.16	28	6	RUS	9LFG	A1A		to ASOS,XS3X, 3DC1,CQPJ,IWTG,D8SY
VERON	14108,0	05.08	29	6	RUS	9LFG	A1A		to XS3X, QTC, ZQF (several times)
VERON	14108,0	05.10	29	6	RUS	9LFG	A1A		5BL, proc
VERON	14108,0	05.10	30	6	RUS	4OL3	A1A		to CQJ6, 5BL
VERON	14108,0	05.19	30	6	RUS	9LFG	A1A		tp ASOS,XS3X, 3DC1, IWTG, etc, proc
VERON	14192,0	05.16	24	6	RUS	UiPtr	F1B	500	Ptr,revs

IARUMS Region 1

Many thanks for your interest!

The monitoring team of IARU Region 1

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