



Monitoring System

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The monthly newsletter for Region 1

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Acknowledgements

++ ARI: DH7SA – Salvatore ++ ARSK: 5Z4NU - Ted ++ DARC: DJ9KR - Uli ++ EARA: SU1SA - Sayed
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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. Spanish fishery traffic on our bands

We found much Spanish fishery traffic on all bands in USB as usual. The URE MS Co-ordinator EA5DY has been informed. Salvador will contact the Spanish authorities.

2. Sporadic E - more intruders

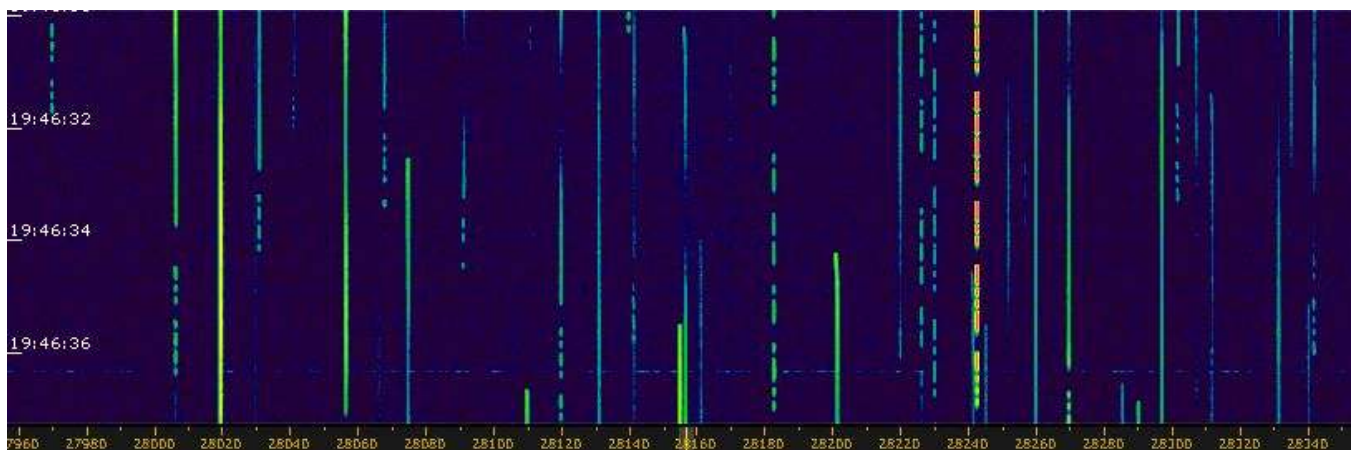
Sporadic E-conditions brought again many intruders, which were normally not audible. We found a Codar HF-Radar from Venice on 24950 – 25050 kHz (screenshot). 28 MHz was daily disturbed by CIS taxi-cabs, CBers from France, Italy, Spain in AM and FM and numerous fishery-buoys (screenshot). The MIL systems from Brescia (North-Italy) on 29700 are still active, no change!

3. OTH Radar Systems – endless story

The OTH Radar Systems from Cyprus were very active on 21 MHz. **New:** The Turkish OTH Radar on 21 MHz, 50 pulses/sec, 20 kHz wide. Welcome to our Radar Collection! The Russian OTH Radar “ABM2” was transmitting on 14350 kHz with 50 pulses/sec, stretching over 10 kHz.

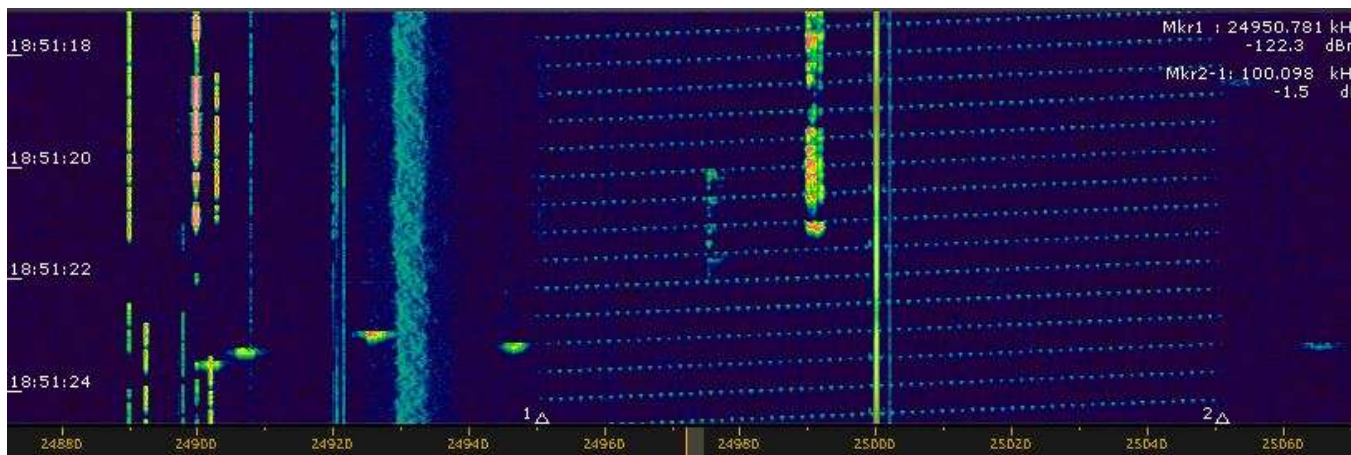
4. Fishery bouys between 28000 and 28340 kHz

The vertical lines followed by CW-idents are illegally transmitting fishery buoys from the Adriatic Sea. Screenshot: DK2OM with Perseus on May, 24th



5. Codar HF-Radar on 24950 – 25050 kHz

Codar HF-Radar from the area of Venice, found by DK2OM. The German PTT and the ARI Monitoring System have been informed. Screenshot: DK2OM with Perseus on May, 27th (observe the white triangle markers!)



- 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 MAY, 2010

There was no appreciable change during the month, and stations in Francophone Central Africa were again quite prominent. The broadcast station Voice of the Broad Masses, Eritrea, was still changing frequencies periodically in the 7100 – 7200 kHz area, to avoid jamming by Addis Ababa, Ethiopia.

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	1239	22	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7000.0	1310	29	5	ZAI	UiPHONE	J3Eu	Vernacular.
ARSK	7006.0	1310	29	5	ZAI	UiPHONE	J3Eu	Vernacular.
ARSK	7009.0	vt	*	5	ZAI	UiPHONE	J3Eu	Vernacular.*14,24,
ARSK	7011.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*19,29,
ARSK	7012.0	vt	dly	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7020.0	0855	31	5	ZAI	UiPHONE	J3Eu	French, vernacular.
ARSK	7028.0	1317	29	5	SOM	Kismayu	J3Eu	Somalis.
ARSK	7030.0	vt	*	5	ZAI	UiPHONE	J3Eu	French.*6,29,
ARSK	7031.0	1237	22	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7045.0	1035	19	5	ZAI	UiPHONE	J3Eu	French, vernacular.
ARSK	7048.0	vt	*	5	SDN	UiPHONE	J3E	Vernacular, English.*29,
ARSK	7050.0	0710	14	5	SDN	UiPHONE	J3Eu	NGO?
ARSK	7055.0	1037	19	5	ZAI	UiPHONE	J3Eu	Vernacular, phonetics.
ARSK	7057.0	vt	*	5	SOM	UiPHONE	J3Eu	Somalis.*3,14,31.
ARSK	7066.0	1230	22	5	ZAI	UiPHONE	J3Eu	Vernacular.
ARSK	7070.0	vt	*	5	ZAI	UiPHONE	J3Eu	French, vernacular, KiSwahili.*6,19,31.
ARSK	7074.0	1505	25	5	SDN?	UiPHONE	J3Eu	Vernacular.
ARSK	7080.0	1316	29	5	ZAI	UiPHONE	J3E	Vernacular.
ARSK	7085.0	vt	*	5	ZAI?	UiPHONE	J3Eu	KiSwahili, DRC accent.*19,24,
ARSK	7090.0	0900	31	5	ZAI	UiPHONE	J3E	Vernacular.
ARSK	7092.0	1032	19	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7110.0	vt	dly	5	ETH	Addis Ababa	A3E	Broadcast, Addis Ababa, Ethiopia
ARSK	7125.0	vt	*	5	SOM	UiPHONE	J3Eu J3E	Somalis.*14,29,
ARSK	7130.0	0655 1030	14 19	5	ERI? ETH?	UiBC	AiE	Music, some speech. Not identified, VOBM or Addis Ababa?
ARSK	7135.0	0908	29	5	SOM	UiPHONE	J3Eu	
ARSK	7140.0	1550	23	5	ERI	VOBM	A3E	VOBM, Eritrea.
ARSK	7150.0	0903	31	5	SOM	UiPHONE	J3Eu	Somalis.
ARSK	7155.0	0905	29	5	ERI?	UiBC	AiE	May be VOBM, Eritrea.
ARSK	7160.0	vt	14	5	ETH?	Addis Ababa?	A3E	Broadcast. Ethiopia or Eritrea.
ARSK	7165.0	vt	dly	5	ETH	Addis Ababa	A3E	Broadcast. Arabic, Amharic.
ARSK	7175.0	vt	dly	5	ERI	VOBM?	A3E	Broadcast.
ARSK	7195.0	vt	dly	5	UGA	Kampala	A3E	Broadcast, Radio Uganda
ARSK	7200.0	vt	dly	5	SDN	Khartoum	A3E	Broadcast in Arabic, Khartoum.

DARC – Germany – Part 1 – DJ9KR (Ui)

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

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	3500,0	1348	17	05	HOL	UiILL	J3E-U	Dutch fishery
DARC	3500,0	1925	17	05	N.Eu	UiILL	J3E-U	Scandinavians
DARC	3500,0	1950	26	05	G	UiILL	J3E-U	UK fishery
DARC	3510,0	1944	21	05	N.Eu	UiILL	J3E-U	Scandinavians, engine noise, so poss. Fishery
DARC	3516,0	2040	03	05	CIS	UiILL	J3E-U	spelling figures in Russian language
DARC	3535,0	1940	09	05	HRV	UiILL	J3E-U	male person in Croation language
DARC	3535,0	vt	vd	05	G	UiILL	J3E-U	UK fishery heard 17 21 26 at 1936, 1938, 1935
DARC	3548,0	0647	17	05	N.Eu	UiILL	J3E-U	Scandinavians
DARC	3550,0	0708	03	05	F	French Lis Amateurs	A3E	French lis Amateurs, daily, no AM in CW range!
DARC	3560,0	vt	dly	05	KRE	V.o.Korea	A3E	starting at 1800, BC is not allowed!
DARC	3575,0	0708	13	05	F	French Lis Amateurs	A3E	French lis Amateurs with F5MHR, OP Jean-Paul
DARC	6999,0	1540	10	05	E	UiILL	J3E-U	Spanish fishery splattering into ham band
DARC	6999,0	1839	24	05	UKR	UiILL	J3E-U	UKR MIL splattering into ham band
DARC	7000,0	1933	10	05		UiILL	J3E-U	OP Sultan, unid language
DARC	7000,0	0526	11	05	I	UiILL	J3E-U	Italian pirates
DARC	7000,0	vt	19	05		UiILL	A3E	children screaming, female voices, noises of a flat, tx-er on and off
DARC	7039,9	ady	dly	05	I	IZ3DVW	A1A	"private" beacon, unwanted and not necessary!
DARC	7054,0	2027	11	05	RUS	REA4	F1B	fast reversals
DARC	7054,0	2044	11	05	RUS	REA4	F1B	fast reversals
DARC	7100,0	vt	10	05	ETH	R. Ethiopia	A3E	heard 1608 - 1702, jingle, 100 % identified!
DARC	7100,0	0523	11	05	ROU	Radio Romania	DRM	noise from Radio Romania on 7215
DARC	7100,0	vt	vd	05	ETH	ETH Govt. Jammer	JAM	white noise jamming heard 21 25 at 1814 and 1822
DARC	7105,0	vt	vd	05	TUN	RTV Tunisia	A3E	IM, Arabic px and music up to S8 max., found // 7225 x 7345 - heard all month 1900 - 2105 - 12 reports all month
DARC	7110,0	1631	01	05	ETH	R. Ethiopia	A3E	Ar px S7
DARC	7110,0	2056	01	05	ETH	R. Ethiopia	A3E	S9+20dB-signal
DARC	7110,0	2036	04	05	ETH	R. Ethiopia	A3E	mx S9+20dB
DARC	7110,0	2038	05	05	ETH	R. Ethiopia	A3E	S9+30dB-signal
DARC	7110,0	2100	08	05	ETH	R. Ethiopia	A3E	National Anthem and s/off, followed by white noise jammer
DARC	7110,0	vt	08	05	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 2100 - 2102 s/off
DARC	7110,0	0322	09	05	ETH	R. Ethiopia	A3E	S9+15dB-signal
DARC	7110,0	vt	09	05	ETH	R. Ethiopia	A3E	heard 1917 - 2051, S9+10dB
DARC	7110,0	1538	11	05	ETH	R. Ethiopia	A3E	
DARC	7110,0	2030	11	05	ETH	R. Ethiopia	A3E	HOA music, S9+20dB
DARC	7110,0	2044	11	05	ETH	R. Ethiopia	A3E	S9 signal
DARC	7110,0	0516	14	05	ETH	R. Ethiopia	A3E	is active
DARC	7110,0	1427	14	05	ETH	R. Ethiopia	A3E	is active
DARC	7110,0	2045	17	05	ETH	R. Ethiopia	A3E	S9+10dB-signal
DARC	7110,0	1900	19	05	ETH	R. Ethiopia	A3E	s/on 1900, still heard 2026, S9+20dB
DARC	7110,0	0557	20	05	ETH	R. Ethiopia	A3E	weak signal
DARC	7110,0	2029	20	05	ETH	R. Ethiopia	A3E	S9-signal
DARC	7110,0	vt	20	05	ETH	R. Ethiopia	A3E	heard 1528 - 1637, 7110: nil
DARC	7110,0	1536	21	05	ETH	R. Ethiopia	A3E	S7
DARC	7110,0	1943	30	05		UiILL	A3E	S9+25dB
DARC	7116,6	vt	01	05		UiCAR	NON	carrier S9+20dB heard 2056 - 2332-
DARC	7120,0	0412	09	05	ETH	ETH Govt. Jammer	JAM	white noise jammer // 7165
DARC	7120,0	vt	09	05	ETH	R. Ethiopia	A3E	heard 0405 - 0411 s/off, then carrier for a while
DARC	7120,0	1637	20	05	ETH	R. Ethiopia	A3E	HOA music S7
DARC	7120,0	1808	20	05		UiBC	A3E	female voice
DARC	7122,0	1850	19	05		UiPTR	F1B	unid printer, 1908: reversals

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	7125,0	2056	01	05	GUI	R. Conakry	A3E	
DARC	7125,0	0634	02	05	GUI	R. Conakry	A3E	S6
DARC	7125,0	2045	02	05	GUI	R. Conakry	A3E	HOA music
DARC	7125,0	2036	04	05	GUI	R. Conakry	A3E	S9
DARC	7125,0	0654	05	05	GUI	R. Conakry	A3E	S3
DARC	7125,0	2038	05	05	GUI	R. Conakry	A3E	S89+10dB-signal
DARC	7125,0	2105	08	05	GUI	R. Conakry	A3E	
DARC	7125,0	vt	09	05	GUI	R. Conakry	A3E	heard 1917 - 1931, S9+10dB
DARC	7125,0	0622	10	05	GUI	R. Conakry	A3E	music, S3
DARC	7125,0	2101	10	05	GUI	R. Conakry	A3E	
DARC	7125,0	2044	11	05	GUI	R. Conakry	N0N	S9 carrier hard
DARC	7125,0	vt	11	05	GUI	R. Conakry	A3E	heard 0612, 2033
DARC	7125,0	0608	14	05	GUI	R. Conakry	A3E	BC heard
DARC	7125,0	2045	17	05	GUI	R. Conakry	A3E	HOA music
DARC	7125,0	1835	19	05	GUI	R. Conakry	A3E	weak HOA music heard S7
DARC	7125,0	2025	19	05	GUI	R. Conakry	A3E	HOA music
DARC	7125,0	2116	19	05	GUI	R. Conakry	A3E	px in French
DARC	7125,0	vt	19	05	GUI	R. Conakry	N0N	carrier heard 1905 - 1912
DARC	7125,0	0632	23	05	GUI	R. Conakry	A3E	music heard, S4
DARC	7125,0	2028	28	05	GUI	R. Conakry	A3E	HOA music S9+15dB
DARC	7125,0	1818	25	05	ETH	ETH Govt. Jammer	JAM	white noise jamming
DARC	7125,0	2112	28	05	GUI	R. Conakry	A3E	S9+10dB-signal
DARC	7125,0	vt	vd	05	GUI	R. Conakry	A3E	BNetzA measures: 0600-0800, 1830-2300
DARC	7130,0	2333	01	05		BC	A3E	weak Chinese px heard
DARC	7130,0	vt	19	05	E.Af	UiBC	A3E	HOA music heard 1835 - 1900 s/off, S8-signal
DARC	7140,0	0440	14	05		UiBC	A3E	0440 - 0500 s/off
DARC	7140,0	1800	28	05		UiMUX	FSK8	ALE
DARC	7145,0	1835	19	05		UiBC	A3E	weak signal heard
DARC	7155,0	2036	04	05		UiBC		S3-signal, Chinese px and another px //
DARC	7155,0	2038	05	05		UiBC		weak signal
DARC	7155,0	0125	10	05		UiBC	A3E	weak signal
DARC	7160,0	2335	01	05		UiBC	A3E	weak music heard
DARC	7165,0	1631	01	05	ETH	R. Ethiopia	A3E	
DARC	7165,0	1631	01	05	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 7165 - 7200
DARC	7165,0	1502	04	05	ETH	R. Ethiopia	A3E	weak, artificial echo
DARC	7165,0	0405	09	05	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7165,0	0412	09	05	ETH	ETH Govt. Jammer	JAM	white noise jammer // 7120
DARC	7165,0	0535	09	05	ETH	R. Ethiopia	A3E	BC heard
DARC	7165,0	vt	10	05	ETH	R. Ethiopia	A3E	heard 1610 - 1641 with English px
DARC	7165,0	0440	14	05	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7165,0	0440	14	05	ERI	VOBM	A3E	just hardly readable under jammer
DARC	7165,0	0516	14	05	ETH	R. Ethiopia	A3E	BC heard
DARC	7165,0	1427	14	05	ETH	R. Ethiopia	A3E	is active
DARC	7165,0	1506	20	05	ETH	R. Ethiopia	A3E	1531: jingle
DARC	7165,0	vt	20	05	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	05	ETH	R. Ethiopia	A3E	S7
DARC	7165,0	1552	DLY	05	ETH	R. Ethiopia	A3E	English px: 1600 - 1700 French px: 1700 - 1800
DARC	7165,0	vt	vd	05	ETH	R. Ethiopia	A3E	heard 07 - 28 at 1800 - 1834
DARC	7175,0	1631	01	05	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7175,0	0523	02	05	E.Af	VOBM Voice of Broad Masses	A3E	S7
DARC	7175,0	1502	04	05	E.Af	VOBM	A3E	S7, HOA music
DARC	7175,0	vt	09	05	ERI	VOBM	A3E	heard 1917 - 1931, S9+10dB
DARC	7175,0	1613	10	05	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 7175 - 7195 very strong!

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	7175,0	1538	11	05	ERI	VOBM	A3E	BC heard
DARC	7175,0	0516	14	05	ERI	VOBM	A3E	BC heard
DARC	7175,0	vt	19	05	ERI	VOBM	A3E	Ar px S9+10dB, heard 1835 - 1909
DARC	7175,0	1536	21	05	ERI	VOBM	A3E	S8
DARC	7175,0	1943	30	05	ERI	VOBM	A3E	Ar px
DARC	7175,0	0627	31	05	ERI	VOBM	A3E	weak BC signal
DARC	7175,0	vt	vd	05	ERI	VOBM	A3E	heard 17 - 31 at 1800 - 1841
DARC	7175,6	vt	05	05		UiBC		En px, slight FM on carrier, 2101 - 2112
DARC	7184,0	vt	17	05		UiCAR	N0N	long lasting carrier S9
DARC	7185,0	1505	04	05	ETH	ETH Govt. Jammer	JAM	white noise jammer s/on
DARC	7185,0	1538	11	05	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7185,0	2038	12	05	F	Radio France Inter	A3E	harmful splatters from station on 7205 down till 7185
DARC	7185,0	1835	19	05	ETH	ETH Govt. Jammer	JAM	white noise jammer
DARC	7185,0	1835	19	05	ERI	VOBM	A3E	slightly audible under jammer
DARC	7185,0	vt	20	05	ETH	ETH Govt. Jammer	JAM	white noise jammer // 2nd jammer on 7165 - heard 1637 - 1740 - 40 kHz spread both jammers together
DARC	7185,0	1536	21	05	ETH	ETH Govt. Jammer	JAM	white noise jammer 12 kHz spread
DARC	7185,0	vt	vd	05	ETH	ETH Govt. Jammer	JAM	white noise jammer heard 17 - 28 at 1800 - 1900
DARC	7185,6	0030	22	05	BRM	Myanmar R.	A3E	very weak signal
DARC	7185,7	vt	01	05	BRM	Myanmar R.	A3E	S9-signal heard 2333 - 2351
DARC	7185,7	0030	24	05	BRM	Myanmar R.	A3E	weak signal
DARC	7185,7	vt	25	05	BRM	Myanmar R.	A3E	effective 25 May R.Myanmar has moved to 7200
DARC	7186,0	2027	19	05	RUS	UiMUX	PSK2	AT-3004-D
DARC	7190,0	0024	02	05	CLN	SriLanka BC	A3E	Indian film music heard S9
DARC	7190,0	0125	10	05	CLN	SriLanka BC	A3E	weak signal
DARC	7190,0	0038	13	05	CLN	SriLanka BC	A3E	S9, music
DARC	7190,0	vt	17	05	CLN	SriLanka BC	A3E	0018: carrier - 0022: music - 0024: ann. "Sri Lanka BC"
DARC	7190,0	0028	22	05	CLN	SriLanka BC	A3E	is active
DARC	7190,0	0030	24	05	CLN	SriLanka BC	A3E	is active
DARC	7190,0	0035	24	05	CLN	SriLanka BC	A3E	0035: "This is Sri Lanka Broadcasting Corporation..."
DARC	7190,0	0020	29	05	CLN	SriLanka BC	A3E	is active
DARC	7190,0	vt	vd	05	ETH	ETH Govt. Jammer	JAM	heard 17 - 31 at 1800 - 1900
DARC	7195,0	2045	04	05		UiBC		S3
DARC	7195,0	2044	11	05		UiBC	A3E	carrier hardly to detect
DARC	7200,0	2056	01	05	SDN	R.Omdurman	A3E	
DARC	7200,0	2333	01	05		BC	A3E	no BC heard
DARC	7200,0	0030	02	05	IRN	IRIB Teheran	A3E	s/on with national anthem and Al-Qur'an recitals S9+20dB
DARC	7200,0	2045	02	05	SDN	R.Omdurman	A3E	Ar px S9+25dB
DARC	7200,0	1502	04	05	SDN	R.Omdurman	A3E	S5
DARC	7200,0	2100	04	05	SDN	R.Omdurman	A3E	Ar px S9+25dB, s/off at 2100
DARC	7200,0	0654	05	05	SDN	R.Omdurman	A3E	
DARC	7200,0	2040	05	05	SDN	R.Omdurman	A3E	carrier s/on at 2040, S9+30dB
DARC	7200,0	0322	09	05	IRN	IRIB Teheran	A3E	Spanish px S9+30dB
DARC	7200,0	0322	09	05	SDN	R.Omdurman	A3E	Arabic px
DARC	7200,0	0405	09	05	SDN	R.Omdurman	A3E	
DARC	7200,0	0405	09	05	IRN	IRIB Teheran	A3E	nil
DARC	7200,0	0535	09	05	SDN	R.Omdurman	A3E	S9+10dB-signal
DARC	7200,0	vt	09	05	SDN	R.Omdurman	A3E	heard 1917 - 2053, S9+15dB, Ar px
DARC	7200,0	0125	10	05	IRN	IRIB Teheran	A3E	Spanish px heard 0125
DARC	7200,0	0622	10	05		UiBC	A3E	weak signal
DARC	7200,0	2101	10	05		UiCAR	N0N	carrier S9+20dB
DARC	7200,0	0612	11	05	SDN	R.Omdurman	A3E	weak signal

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	7200,0	2044	11	05	SDN	R.Omdurman	A3E	Arabic talk S9+15dB
DARC	7200,0	2030	12	05	SDN	R.Omdurman	A3E	weak modulation, HOA music
DARC	7200,0	0357	13	05	SDN	R.Omdurman	A3E	Arabic px
DARC	7200,0	1442	14	05		UiBC	A3E	weak BC audible
DARC	7200,0	vt	14	05	IRN	IRIB Teheran	A3E	Spanish px 0240 - 0315 S9+30dB
DARC	7200,0	2045	17	05	SDN	R.Omdurman	A3E	Ar px
DARC	7200,0	vt	17	05	IRN	IRIB Teheran	A3E	0025: carrier - 0027: piano mx - 0030: fanfare with National Anthem, then px in Spanish voice S9+30dB
DARC	7200,0	2028	19	05	SDN	R.Omdurman	A3E	Ar px with HOA music
DARC	7200,0	vt	19	05	SDN	R.Omdurman	A3E	Ar px heard 1835 - 1910
DARC	7200,0	0235	20	05	IRN	IRIB Teheran	A3E	Spanish px S9+30dB
DARC	7200,0	0557	20	05		UiBC	A3E	weak signal, still heard at 0633
DARC	7200,0	1506	20	05	SDN	R.Omdurman	A3E	Arabic px
DARC	7200,0	vt	20	05	SDN	R.Omdurman	A3E	heard 1740 - 2037
DARC	7200,0	0030	24	05	IRN	IRIB Teheran	A3E	National Anthem, followed by music
DARC	7200,0	0020	29	05		UiBC	A3E	weak BC signal, followed by IRIB at 0024
DARC	7200,0	0024	29	05	IRN	IRIB Teheran	N0N	carrier S9+30dB, 0030 s/on with jingle and National Anthem
DARC	7200,0	0627	31	05		UiBC	A3E	weak BC signal
DARC	7200,0	vt	dly	05	IRN	IRIB Teheran	A3E	active 0030 - 0330, location Kamalabad, S9+30dB, tx-ions from 0030 - 0230 // to 9905
DARC	7200,0	vt	dly	05	IRN	IRIB Teheran	A3E	sked due to www.spanish.irib.ir/index.php/frecuencia 0030 - 0230 also tx-ing // 9905 0230-0330
DARC	7200,0	vt	vd	05	F	Radio France Inter	A3E	splatters from 7205 kHz heard 01 - 31 at 1800 - 1935
DARC	10105,0	1917	09	05		UiBC	A3E	very weak signal
DARC	10118,0	1750	05	05		UiILL	J3E-U	male voice spelling figures
DARC	10125,0	1447	19	05		UiILL	J3E-U	unid voices, also scrambler used
DARC	10125,0	0751	22	05	E	UiILL	J3E-U	Spanish fishery
DARC	10125,9	0905	11	05		UiILL	J3E-U	pirates, male English voice, from 10131,5
DARC	10131,5	0904	11	05		UiILL	J3E-U	pirates, male English voice, to 10125,9
DARC	10132,0	2045	17	05	E	UiILL	J3E-U	2 male persons in Galician language, fishermen
DARC	10132,0	2128	24	05	E	UiILL	J3E-U	Spanish fishery
DARC	10136,0	1506	20	05		UiBC	A3E	Greek px and mx, distorted mod., carrier FM
DARC	10150,0	1536	21	05		UiBC	A3E	2 px heard //, one px is Turkish
DARC	10150,0	1053	31	05	G / CYP	British OTH Radar	P0N	chirping pulses 10 kHz spread
DARC	14000,0	vt	vd	05	B	UiILL	J3E-U	Brazilian CB-ers, heard 01 06 09 15 18 at 1930 - 2030
DARC	14001,5	2139	18	05	E	UiILL	J3E-U	Spanish fishery
DARC	14002,0	2133	14	05	E	UiILL	J3E-U	Spanish fishery in Atlantic Ocean, "barco" often mentioned, also talking about "Islas Canarias"
DARC	14002,5	2127	28	05		UiILL	J3E-L	unid pirates
DARC	14014,0	2059	03	05	E	UiILL	J3E-U	Spanish fishery
DARC	14100,0	2004	11	05	E	UiILL	J3E-U	Spanish fishery
DARC	14295,1	720	03	05	TJK	R. Tajikistan	A3E	daily heard, is 3f de 4765
DARC	14295,1	1510	04	05	TJK	R. Tajikistan	A3E	S7
DARC	14295,1	0654	05	05	TJK	R. Tajikistan		S7
DARC	14295,1	1454	14	05	TJK	R. Tajikistan	A3E	S5-signal
DARC	14295,1	1218	15	05	TJK	R. Tajikistan	A3E	is active
DARC	18099,6	1357	17	05	F.Ea	UiILL	J3E-U	pirates from Far East
DARC	18120,0	vt	16	05	HOL	Radio Netherlands	A3E	Dutch program, voice and music, heard 2127 - 2140 fading out, poss. harmonic 6040 - report DF3DX
DARC	18180,0	1031	20	05	CHN	Hainan Firedrake Jammer	JAM	is active, just info!

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	21000,0	1508	09	05	G / CYP	British OTH Radar	P0N	20 kHz spread
DARC	21000,0	vt	10	05	G / CYP	British OTH Radar	P0N	chirping pulses 20 kHz spread, heard 0653 - 0838
DARC	21000,0	0643	11	05	SDN	MFA Sudan	J3E-U	male voices, whistles
DARC	21000,0	0809	20	05	CIS	UiILL	J3E-U	male Russian voice, encrypted messages
DARC	21000,0	1302	26	05	CIS	UiILL	J3E	male in Russian voice, SSB-USB and SSB-LSB used, switching back and forth, also encrypted announcements
DARC	21000,0	vt	vd	05	SDN	MFA Sudan	J3E-U	MFA Sudan, heard 19 27 at 1059, 1000 with male voices and whistles
DARC	21023,5	1457	06	05	INS	UiILL	J3E-U	pirates possibly from INS
DARC	21050,0	1839	11	05	E	UiILL	J3E-U	Spanish fishery
DARC	21050,5	1216	06	05	MRC	UiILL	J3E-U	Moroccan fishery heard
DARC	21050,5	vt	11	05	MRC	UiILL	J3E-U	Moroccan fishery heard 1715 - 1723
DARC	21050,5	vt	vd	05	MRC	UiILL	J3E-U	Moroccan fishery heard 09 11 at 2033, 1709
DARC	21065,0	1422	14	05	G / CYP	British OTH Radar	P0N	25 kHz spread
DARC	21100,0	vt	15	05	G / CYP	British OTH Radar	P0N	heard 1603 - 1653 // to 21415 - 2 radars at the same time
DARC	21200,0	1303	09	05	G / CYP	British OTH Radar	P0N	chirping pulses 20 kHz spread, 50 Hz system
DARC	21415,0	vt	15	05	G / CYP	British OTH Radar	P0N	heard 1603 - 1653 // to 21100 - 2 radars at the same time
DARC	28005,0	1430	23	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28005,0	vt	vd	05	B	UiILL	A3E	CB-ers heard 05 06 at 1938, 1828
DARC	28015,0	2005	05	05	B	UiILL	A3E	CB-ers heard
DARC	28025,0	1033	20	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28035,0	vt	24	05	E	UiILL	A3E	2 Spanish male persons, one is OP Pablo, South Spain, heard 1934 - 1942
DARC	28035,0	0623	27	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28035,0	0639	27	05	E	UiILL	A3E	2 Spanish male persons
DARC	28035,0	1706	28	05	E	UiILL	A3E	2 male persons in Spanish voice
DARC	28055,0	1904	03	05	B	UiILL	A3E	CB-ers
DARC	28055,0	1833	06	05	B	UiILL	A3E	CB-ers heard
DARC	28055,0	1640	12	05	E	UiILL	A3E	Spanish pirates
DARC	28055,0	0931	24	05	E	UiILL	A3E	Spanish CB-ers
DARC	28055,0	1702	25	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28055,0	1616	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28056,1	1637	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28065,0	vt	27	05	E	UiILL	A3E	OP Sobral, from 28086, heard 1612 - 1616
DARC	28065,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language heard 23 27 at 1854, 1650
DARC	28074,0	1637	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28075,0	1852	06	05	B	UiILL	A3E	CB-ers heard
DARC	28075,0	2009	21	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28085,0	vt	27	05	E	UiILL	A3E	2 Spanish male persons, heard 0615 - 0635
DARC	28085,0	0627	31	05	CIS	UiILL	F3E	female in Russian voice
DARC	28085,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language, heard 20 21 at 0832, 2007
DARC	28086,0	vt	27	05	E	UiILL	A3E	OP Sobral, heard 1605 - 1612, to 28065
DARC	28105,0	0902	26	05	CIS	UiILL	F3E	taxi business, Russian language
DARC	28105,0	0627	31	05	CIS	UiILL	F3E	female in Russian voice
DARC	28115,0	2004	05	05	B	UiILL	A3E	CB-ers heard
DARC	28115,0	0922	13	05	RUS	UiILL	F3E	taxi business, Russian language
DARC	28115,0	1436	14	05	E	UiILL	A3E	Spanish CB-ers
DARC	28115,0	1602	24	05	E	UiILL	A3E	OP Diego, Tarragona
DARC	28115,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language, heard 21 26 at 2008, 1655
DARC	28135,0	vt	26	05	E	UiILL	A3E	large net of male persons in Spanish voice, heard 1125 - 1136
DARC	28135,0	1600	27	05	E	UiILL	A3E	male OP, location Murcia
DARC	28145,0	1017	27	05	E	UiILL	F3E	Spanish male person
DARC	28145,0	2115	27	05	F	UiILL	F3E	French pirates
DARC	28145,0	vt	vd	05	E	UiILL	A3E	Spanish pirates heard 12 14 at 1747, 1430
DARC	28145,2	1138	26	05	E	UiILL	A3E	2 male persons in Spanish voice
DARC	28175,0	1706	26	05	CIS	UiILL	F3E	taxi business, Russian language

CLUB	kHz	UTC	DD	MM	ITU	Call Sign	MODE	Remark and Comments
DARC	28175,0	1834	26	05	E	UiILL	A3E	Spanish CB-ers
DARC	28175,0	1912	26	05	F	UiILL	J3E-U	OP Frédéric, Toulouse
DARC	28195,0	0922	13	05	RUS	UiILL	F3E	taxi business, Russian language
DARC	28195,0	0930	24	05	E	UiILL	A3E	Spanish CB-ers
DARC	28195,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language heard 21 23 at 1927, 1855
DARC	28195,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language heard 27 28 at 2020, 1822
DARC	28204,7	1656	27	05	E	UiILL	J3E-L	Galician male voices, also engine noise heard
DARC	28205,0	1445	14	05	E	UiILL	A3E	Spanish CB-ers
DARC	28205,0	1751	24	05	I	UiILL	A3E	2 male persons in Italian voice
DARC	28205,0	vt	26	05	E	UiILL	A3E	large net of male persons in Spanish voice, heard 1125 - 1136
DARC	28205,0	vt	27	05	I	UiILL	A3E	2 male persons in Italian voice, heard 0610 - 0635
DARC	28205,0	vt	27	05	E	UiILL	J3E-U	Spanish male traffic, heard 1630 - 1636
DARC	28205,0	vt	vd	05	B	UiILL	A3E	CB-ers heard 05 06 at 1939, 1834
DARC	28211,5	0817	28	05	E	UiILL	A3E	OP Ramon, South of Spain
DARC	28215,0	1618	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28225,0	1508	14	05	E	UiILL	A3E	Spanish CB-ers
DARC	28225,0	1811	28	05	E	UiILL	A3E	2 male persons in Spanish voice
DARC	28235,0	0611	27	05	E	UiILL	A3E	large net of male and female persons in Spanish voice
DARC	28235,0	vt	27	05	E	EA5JFE	A3E	OP Manolo, Box 30364, Calle Pescador N° 4, Lllano-del-Beal, Cartagena, Murcia - is 28 years old - very poor operation, unable to spell, heard 1333 - 1337
DARC	28235,0	vt	27	05	E	UiILL	A3E	Spanish male traffic, heard 1618 - 1625
DARC	28245,0	1624	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28245,3	vt	26	05	E	UiILL	A3E	2 male persons in Spanish voice, engine noise, "barco" often mentioned (= Spanish Fishery), heard 1119 - 1134
DARC	28245,5	1655	27	05	E	UiILL	J3E-L	Galician male voices, also engine noise heard
DARC	28265,0	0618	27	05	E	UiILL	A3E	2 Spanish male persons
DARC	28285,0	1454	17	05	E	UiILL	A3E	Spanish CB-ers
DARC	28285,0	1132	26	05	E	UiILL	A3E	OP Antonio Vazquez-Gil
DARC	28285,0	1339	27	05	E	UiILL	A3E	Spanish male to female
DARC	28285,0	1620	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28285,0	1638	29	05	I	UiILL	F3E	Italian pirates
DARC	28285,5	1121	26	05	E	UiILL	A3E	male person in Spanish voice
DARC	28295,0	1706	28	05	E	UiILL	A3E	2 male persons in Spanish voice
DARC	28303,6	2041	26	05	I	UiILL	A3E	2 male persons in Italian voice
DARC	28305,0	vt	05	05	B	UiILL	A3E	CB-ers heard 05 06 at 1952, 1833
DARC	28305,0	1458	12	05	I	UiILL	F3E	Italian pirates
DARC	28305,0	0651	27	05	E	UiILL	A3E	2 Spanish male persons
DARC	28305,0	1636	29	05	I	UiILL	F3E	OP Giovanni and other pirates in Italian voice
DARC	28305,0	vt	vd	05	CIS	UiILL	F3E	taxi business, Russian language, heard 19 20 21 at 1456, 1034, 1600
DARC	28305,6	0751	30	05	E	UiILL	A3E	OP Pepe, Almeria
DARC	28315,0	1949	05	05	B	UiILL	A3E	CB-ers heard
DARC	28315,0	1624	27	05	E	UiILL	A3E	Spanish male traffic
DARC	28340,0	vt	28	05	E	Ship "Puseiro"	J3E-U	OP Ernesto, is on board of "barco sco gerador" PUSEIRO, fishing "cefalopulos" (= cuttle-fish). Position of ship is waters of "Guinea-Bissao", home Harbour of Registration is "Cartagena", S.Spain - heard in contact with complaining radio ham 0821 - 0823
DARC	29055,0	1710	24	05	I	UiILL	A3E	2 male persons in Italian dialect, engine noise
DARC	29055,0	1646	25	05	F	UiILL	A3E	French CB-ers, Opess Nadia with male persons

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**

DARC	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DARC	1812,0	1800	dly	05	POL		A3E			Polish “PIP” – 10 tones – North-Poland – Baltic coast - POL Navy ?
DARC	1876,8	ady	dly	05	G		PSK8	2400	2600	Stanag4285 – 1200 bps long platform east of Scotland
DARC	1896,5	ady	dly	05	D		PSK8	2400	2600	Stanag4285 – 600 bps long German Navy – North-Germany
DARC	3500,0	vt	dly	05	TUR	no ITU	FSK8	125	1750	ALE, “1020” “2010” “2015” - Turkish Red Crescent
DARC	3503,5	vt	dly	05	G	no ITU	FSK8	125	1750	ALE – “XSS” “XPU” – British MIL Tascomm
DARC	3506,0	vt	dly	05	ALG	no ITU	FSK8	125	1750	ALE, “FS40” “GS46” “GS50”
DARC	3517,8	2200	dly	05	G		PSK8	2400	2600	MIL188-110A - burst system Land’s End - west of Plymouth
DARC	3527,0	2057	05	05	RUS		F1B	50	200	Far East Russia
DARC	3530,0	2038	21	05	RUS		PSK2	120	2600	south of St. Petersburg
DARC	3531,0	1900	dly	05	RUS		A1A			only dots – duration of one dot 20 msec – gaps = 10 msec - 33 dots/sec - Kaliningrad
DARC	3532,0	2300	27	05	ALG		FSK8	125	1750	ALE, “VR20” “VR21”
DARC	3533,0	vt	dly	05	E	no ITU	FSK	125	1750	ALE, “TYV” “TWL” - Spanish Guardia Civil
DARC	3533,8	2120	31	05	F		PSK4	75	2300	Link11 – area of Lorient
DARC	3544,8	1916	10	05	TUR		PSK8	2400	2600	Stanag4285 - 600 bps long
DARC	3550,0	vt	dly	05	F	no ITU	FSK8	125	1750	ALE, “DRI” - French MIL
DARC	3553,8	ady	dly	05	TUR		PSK8	2400	2600	Stanag4285 – TUR MIL
DARC	3558,0	vt	dly	05	TUR	no ITU	FSK8	125	1750	ALE, “1020” Turkish Red Crescent
DARC	3560,0	1800	dly	05	KRE		A3E			Voice of North-Korea – illegal!
DARC	3562,0	2134	31	05	CIS		PSK2	120	2600	AT3004D
DARC	3566,0	vt	dly	05	E	no ITU	FSK8	125	1750	ALE, “TWL” “TXX” Spanish Guardia Civil
DARC	3566,4	1909	10	05	CZE		F1B	100	170	POL-ARQ - Prague
DARC	3567,5	1950	14	05	RUS		PSK4	120	2600	AT3104D – Kaliningrad producing harmonic on 7135
DARC	3577,1	ady	dly	05	I	IZ3DVW	A1A			uncoordinated beacon
DARC	3585,0	1700	dly	05	TWN	HLL	F1C			120 rpm, IOC 576, Wxfax
DARC	3590,0	vt	dly	05	PAK	no ITU	FSK8	125	1750	ALE, “KW” “TARIQ” – “KHA” “NRS”
DARC	3594,0	vt	dly	05	ALG	no ITU	FSK8	125	1750	ALE, “BT30” “FS30” “WA30”
DARC	3595,0	vt	dly	05	D	no ITU	FSK8	125	1750	ALE, „ZLST“ „ZPRI“ „ZSHO“ „ZBOR“ „ZEMD“ „ZHEL“ „ZKNI“ „ZBOR“ German customs – North-Germany
DARC	3596,0	vt	dly	05	HRV	9A0ALE	FSK8	125	1750	Croatian emergency ALE-net --- for info!
DARC	3596,0	vt	dly	05	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” – interfering the Croatian emergency net
DARC	3603,0	vt	vd	05	D	DA0EC	PSK8	2000	2000	RFSM 8000 – amateur emergency net - Berlin - legal operation - just for info!!!
DARC	3606,0	vt	dly	05	ALG	no ITU	FSK8	125	1750	ALE, “FS20” “TP20” “XT2”
DARC	3608,0	2130	31	05			F1B	50	200	
DARC	3622,5	1845	22	05	J	JMH	F1C			Tokyo Meteo - 120 rpm - IOC 576 – weather charts
DARC	3632,6	1959	16	05	ISR		PSK4	75	2500	MIL-188-110A hybrid modem
DARC	3716,3	vt	dly	05	CHN	no ITU	FSK8	125	1750	ALE, “140” “3SH”
DARC	3721,8	1916	01	05	TUR		PSK8	2400	2600	Stanag4285 - 600 bps long
DARC	3725,0	vt	dly	05	E	no ITU	FSK8	125	1750	ALE, “TWC” “TWVS1” - Spanish Guardia Civil

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DARC	3735,0	1600	dly	05	POL		F1B	43	500	idling, South of Warsaw
DARC	3744,5	2145	15	05	ISR		PSK4	75	2300	MIL-188-110A hybrid modem
DARC	3745,0	2016	07	05	RUS		F1B	100	150	ship Black Sea – system T219
DARC	3756,0	ady	dly	05	UKR		A3E			“The Pip” - 10 tones – UKR - MIL
DARC	3769,5	1903	10	05	RUS		PSK4	120	2600	AT3104D - ship close to Gdansk
DARC	3777,0	2150 2000	15 16	05	RUS		PSK2	120	2600	AT3004D - Samara
DARC	3782,0	ady	dly	05	POR	CTP	F1B	75	850	POR Navy headquarter Lisbon
DARC	3794,0	vt	dly	05	ALG	no ITU	FSK8	125	1750	ALE, “FS20” - ALG MIL
DARC	3795,0	1906	06	05	RUS		F1B	100	200	area of Moscow
DARC	3800,0	vt	dly	05	MEa	no ITU	FSK8	125	1750	ALE, “T1Z130” “T28CAB” US MIL
DARC	7000,0	vt	dly	05	IRQ	no ITU	FSK8	125	1750	ALE, “SHDTC” “GUNTC” – US MIL Iraq
DARC	7000,0	vt	dly	05						frequency hopper
DARC	7000,0	vt	dly	05	MEa	no ITU	FSK8	125	1750	ALE, “T1Z130” “T1Z137” “T1Z150” - US MIL
DARC	7000,0	vt	dly	05	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” – just for info
DARC	7000,0	1927	06	05	RUS		PSK2	120	2600	AT3004D - Far East Russia
DARC	7001,0	1818	24	05	UKR		PSK4	120	2600	AT3104D - north east of Kiev
DARC	7001,5	1902	01	05	ISR		PSK4	75	2300	MIL-188-110A - hybrid modem
DARC	7008,0	vt	dly	05		no ITU	FSK8	125	1750	ALE, “222” “297” “847” “981”
DARC	7010,0	vt	dly	05	GRC	no ITU	FSK8	125	1750	ALE, “RS004A” - NATO NC3A Network
DARC	7010,0	0642	28	05						frequency hopper
DARC	7011,8	0640	28	05	BIH		PSK8	2400	2600	MIL-188-110A
DARC	7014,0	vt	dly	05	NIG	no ITU	FSK8	125	1750	ALE, “4411” “4412” “4413” Nigerian MOI (police)
DARC	7020,0	vt	dly	05	GRC	no ITU	FSK8	125	1750	ALE, “BS008C1” “CS004A” - NATO NC3A Network
DARC	7020,0	0923	28	05	RUS		F1B	50	250	RUS Navy - Kaliningrad
DARC	7025,0	0528	18	05	RUS		F1B	50	200	Murmansk
DARC	7038,7	ady	dly	05	UKR	D	A1A			Cluster beacon – Sevastopol RUS Navy – “RCV”
DARC	7038,8	ady	dly	05	RUS	P	A1A			Cluster beacon – Kaliningrad RUS Navy – “RMP”
DARC	7038,9	ady	dly	05	RUS	S	A1A			Cluster beacon – Murmansk RUS Navy – „RIT“
DARC	7039,0	ady	dly	05	RUS	C	A1A			Cluster beacon - Moscow RUS Navy - “RIW”
DARC	7039,2	ady	dly	05	RUS	F	A1A			Cluster beacon - Vladivostok RUS Navy – “RJS”
DARC	7039,3	ady	dly	05	RUS	K	A1A			Cluster beacon - Petropavlovsk RUS Navy – “RCC”
DARC	7039,9	ady	dly	05	I	IZ3DVW	A1A			IZ3DVW – beacon not coordinated
DARC	7040,5	vt	dly	05	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” – just for info
DARC	7054,0	vt	dly	05	RUS		F1B	50	200	RUS MIL - Moscow
DARC	7054,0	1415	13	05	RUS		PSK2	120	2600	AT3004D - Sterlitamak
DARC	7062,0	1000	12	05	RUS		F1B	75	250	St. Petersburg
DARC	7070,0	vt	dly	05	CHN	no ITU	FSK8	125	1750	ALE, “288” “514” - PRC-PLA
DARC	7089,9	1340	dly	05	UKR		F1C			Wxfax – 60 rpm, IOC576, Sevastopol - RUS Naval Base
DARC	7091,5	1458	31	05	UKR		F1B	40.5	250	system “Frost 1” - Cherkassy
DARC	7092,0	vt	dly	05	TUR	no ITU	FSK8	125	1750	ALE, “2010” “2016” - Turkish Red Crescent
DARC	7102,0	vt	dly	05	I	IK2YXT	FSK8	125	1750	ALE, “IK2YXT” - amateur ALE - just for Info
DARC	7102,0	1150	15	05	D	DK0ESD	FSK8	125	1750	ALE, “DK0ESD” - just for info
DARC	7111,0	0841	04	05	RUS		F1B	75	250	Leningrad
DARC	7116,0	vt	dly	05	CHN	no ITU	FSK8	125	1750	ALE, “1706” “984” “139”
DARC	7116,0	1618	31	05	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DARC	7122,0	vt	vd	05	RUS	RDL	F1B	50	200	RUS Navy - area of Murmansk
DARC	7124,0	1420	13	05	RUS		PSK2	120	2600	AT3004D - Severomorsk
DARC	7126,0	1415	14	05	RUS		A1A			encrypted CW, “ROVRL”

DARC	KHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DARC	7135,0	1428	13	05	RUS		PSK2	120	2600	AT3004D - Kaliningrad
DARC	7135,0	1340	14	05	RUS		PSK4	120	2600	AT3104D - harmonic from 3567,5 - weak signal - sonagram showing 24 tones location: Kaliningrad
DARC	7140,0	vt	dly	05	UZB	no ITU	FSK8	125	1750	ALE, "1104" "1708" "1703"
DARC	7141,0	vt	dly	05		no ITU	FSK8	125	1750	ALE, "7852"
DARC	7162,0	0844	01	05	RUS		F1B	75	250	RUS MIL - Moscow
DARC	7165,0	1620	dly	05	ETH	QRM	A3E			white noise from Radio Ethiopia
DARC	7167,0	0631	28	05	BLR		F1B	75	250	area of Minsk
DARC	7175,0	1620	dly	05	ETH	QRM	A3E			white noise from Radio Ethiopia
DARC	7176,0	0637	28	05	RUS		F1B	75	250	RUS MIL - Moscow
DARC	7185,0	1501	03	05	ETH	QRM	noise		9000	broadbandsignal, white noise, no carrier
DARC	7185,5	vt	dly	05	D		FSK8	125	1750	ALE, "DK0ESD" just for info!
DARC	7186,0	2130	14	05	RUS		PSK2	120	2600	AT3004D - Severomorsk
DARC	7186,0	0906	04	05						frequency hopper
DARC	7198,0	1705	29	05	RUS		PSK2	120	2600	AT3004D - Smolensk
DARC	10101,0	1422	01	05						frequency hopper
DARC	10105,0	2047	06	05	CYP		P0N			OTH Radar Cyprus, 50 pps - spurious from 1095
DARC	10108,0	1431	19	05	RUS		F1B	50	250	east of Moscow
DARC	10112,0	ady	dly	05	TUR		PSK8	2400	2600	Stanag4285 - 600 bps long - Turkish MIL
DARC	10113,0	vt	dly	05	TUN	no ITU	FSK8	125	1750	ALE, "TU1" "TUD" - Tunisian MOI
DARC	10115,0	0615	dly	05	RUS		FSK4	96	1500	CIS 14 group - Moscow - dly
DARC	10115,0	1949	07	05		no ITU	FSK8	125	1750	ALE, "2001"
DARC	10115,0	1403	20	05	RUS		F1B	50	100	east of Moscow
DARC	10120,0	0919	14	05	RUS		PSK2	120	2600	AT3004D - Far East Russia south of Biisk
DARC	10122,0	1600	07	05	SRB		F1B	50	500	50 Bd async. - Serbia
DARC	10124,0	vt	dly	05	ALG	no ITU	FSK8	125	1750	ALE, "CMI" "CTF" - Algerian Airforce
DARC	10126,0	vt	dly	05						frequency hopper
DARC	10130,0	vt	dly	05	RUS		F1B	50	500	RUS MIL - Kaliningrad
DARC	10130,0	vt	dly	05			FSK8	125	1750	Thales Skymaster - uniden
DARC	10130,0	2215	dly	05	USA		F1B	50	850	Maine - USA
DARC	10131,0	0802	20	05	RUS		F1B	75	250	Moscow
DARC	10150,0	2050	06	05	CYP		P0N			OTH Radar Cyprus - 50 pps
DARC	14000,0	1830	20	05	CYP		P0N			OTH Radar Cyprus, 50 pps
DARC	14008,0	1210	06	05	RUS		F1B	75	250	RUS MIL - Moskau
DARC	14028,0	0710	03	05	RUS		F1B	75	250	Pensa
DARC	14050,0	0654	17	05	RUS		F1B	75	250	north of Moscow
DARC	14075,0	0810	07	05	RUS		F1B	75	250	East Russia
DARC	14077,0	0522	07	05	RUS		PSK2	120	2600	AT3004D
DARC	14095,0	1950	28	05						frequency hopper
DARC	14104,0	0952	14	05	RUS		F1B	100	250	idling - Kaliningrad
DARC	14104,0	0831	23	05	RUS		F1B	75	250	Kaliningrad
DARC	14109,0	2007	14	05	POR		FSK8	125	1750	ALE, "CT2IXQ" - just for info
DARC	14109,5	1551	06	05	POR		FSK8	125	175	ALE, "CT1REP" - just for info
DARC	14116,0	0655	17	05	LTU		F1B	75	250	Kaunas
DARC	14118,0	1254	22	05	LTU		PSK2	120	2600	AT3004D - north of Vilnius
DARC	14122,0	0837	04	05	RUS		PSK2	120	2600	AT3004D
DARC	14141,0	0906 0733	12 15	05	RUS		F1B	65 75	500	idling - Moscow traffic
DARC	14192,0	0627	28	05	RUS		F1B	50	500	RUS Navy Kalinograd
DARC	14208,0	0837	16	05	RUS		F1B	50	250	
DARC	14228,0	0608	18	05	RUS		F1B	75	250	Moscow
DARC	14233,0	0800	09	05	RUS		F1B	75	200	south of Pensa
DARC	14233,0	0825	24	05	RUS		F1B	75	500	north east of Moscow
DARC	14283,0	1503	21	05						frequency hopper
DARC	14292,0	0640	19	05			A1A			
DARC	14295,2	ady	dly	05	TJK		A3E			Radio Tajik - 3 rd from 4765
DARC	14315,0	0928	01	05	CYP		P0N			OTH Radar Cyprus - 50 pps spurious from 14370

DARC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
DARC	14324,7	0750	10	05	FEa		Ui		2500	Uniden burst-modem
DARC	14345,0	2024	20	05	CYP		P0N			OTH Radar Cyprus - 50 pps spurious from 14400
DARC	14346,0	1754	18	05						frequency hopper
DARC	14346,0	vt	dly	05	D	DK0ESD	FSK8	125	1750	ALE, "DK0ESD" - just for info
DARC	14348,2	1048	17	05	E		OFDM	30	2700	OFDM72 – 72 subcarriers Canary Islands
DARC	14348,5	vt	vd	05	LBY		F1B	600	600	DPRK-FSK 600 – KRE emba traffic – 180° from DL
DARC	14349,0	vt	dly	05	CHN	no ITU	FSK8	125	1750	ALE, "132" "788" "559"
DARC	14350,0	1920	28	05	RUS		P0N			RUS Radar "ABM2" - 50 pps area of Jekaterinburg – 14345 – 14355 kHz
DARC	18070,0	1355	13	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	18107,0	vt	dly	05	RUS		F1B	50	250	RUS MIL - Moscow
DARC	18150,0	0650	27	05	RUS		FSK4	100	3000	Kaliningrad
DARC	18150,0	0650	27	05						frequency hopper
DARC	18156,7	0816	17	05	EGY		F1B	100	170	Sitor A - ATU80 alphabet - MFA Cairo
DARC	18160,0	1001	14	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21000,0	vt	dly	05						frequency hopper
DARC	21000,0	1540	09	05	TUR		P0N			OTH Radar East Turkey, 50 pps 23 kHz wide
DARC	21000,0	0947	10	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21002,2	1000	vd	05	SDN YEM		F1B	100	200	Pactor 1, MFA Sudan + Sudan emba Yemen, encrypted traffic
DARC	21021,0	vt	dly	05						frequency hopper
DARC	21030,0	1611	06	05	CYP		P0N			OTH Radar Cyprus, 50 pps
DARC	21051,0	1734	11	05						frequency hopper
DARC	21065,0	1419	14	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21070,0	1046	24	05						frequency hopper
DARC	21100,0	1330	10	05	TUR		P0N			OTH Radar - 50 pps
DARC	21110,0	1720	15	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21129,0	1530	25	05	POR		PSK8	2400	2600	Stanag4285 - Portugal
DARC	21145,8	ady	dly	05	I	IZ3DVW	A1A			IZ3DVW - uncoordinated beacon
DARC	21170,0	1735	12	05	CYP		P0N			OTH Radar Cyprus, 50 pps
DARC	21199,0	1100	09	05	IND		P0N			OTH Radar India, 50 pps westcoast of India - 23 kHz wide
DARC	21295,0	1758	22	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21400,0	1754	28	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21415,0	1720	15	05	CYP		P0N			OTH Radar Cyprus, 25 pps
DARC	21430,8	1530	25	05	RUS		F1A			RUS Navy
DARC	24895,0	1729	25	05						frequency hopper
DARC	24980,0	ady	dly	05	I		P0N			Codar HF Radar – Venice – 24950 – 25050 kHz – 2 sweeps/sec
DARC	24990,0	0958	30	05	CYP		P0N			OTH Radar Cyprus, 50 pps
DARC	28066,0	1519	25	05	RUS		F1B	50	200	Bryansk
DARC	28120,0	1628	18	05						frequency hopper
DARC	28326,0	1620	25	05						frequency hopper
DARC	29684,8	1840	24	05	I		serial			serial modem, Italian MIL Brescia
DARC	29699,8	1840	24	05	I		serial			serial modem, Italian MIL Brescia

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	05	FSK8 (ALE)	Ui	UiMUX	125	1750	DEFAULT SOUNDED
MRASZ	7000,0	VT	VD	05	FSK8 (ALE)	LBY	UiMUX	125	1750	HQ3 CALLED GHADAMES NEWCOMER.
MRASZ	7000,0	VT	VD	05	FSK8 (ALE)	USA	UiMUX	125	1750	R682 -T3Z158. T2159 SOUNDED. US AIR FORCE.
MRASZ	7000,0	VT	VD	05	FSK8 (ALE)	IRQ	UiMUX	125	1750	ALKUT AIRPORT SOUNDED RISING ACTIVITY.
MRASZ	7000,0	VT	VD	05	FSK8 (ALE)	IRQ	UiMUX	125	1750	TALLIL EXTENSIVELY USED THIS FREQUENCY
MRASZ	7010,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	CS-RS UNID NET
MRASZ	7045,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	1001, 1005, 1012
MRASZ	7070,0	VT	VD	05	FSK8 (ALE)	GEO	UiMUX	125	1750	244-NET
MRASZ	7092,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	4001, 2001 SUBNETS LOTS OF CALLSIGNS. F001 NET.
MRASZ	7095,0	VT	VD	05	FSK8 (ALE)	UZB	UiMUX	125	1750	ORTKHON SOUNDED UZBEK FORCES (1101, 1102, 1103 SOUNDED)
MRASZ	7107,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	437805, 435807, 435843 435817 SOUNDED
MRASZ	7115,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	A SOUNDED
MRASZ	7116,0	VT	VD	05	FSK8 (ALE)	UZB	UiMUX	125	1750	UZBEKH FORCES: 1701, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1711, 1712, 1713, 1714.
MRASZ	7140,0	VT	VD	05	FSK8 (ALE)	UZB	UiMUX	125	1750	UZBEKH FORCES 1101 - 1102, 1704. 1104, 1105 SOUNDED.
MRASZ	7150,0	VT	VD	05	FSK8 (ALE)	Ui	UiMUX	125	1750	Lab sounded
MRASZ	7197,0	VT	VD	05	FSK8 (ALE)	TUR	UiMUX	125	1750	3031, 3062, 3161, 3341, 3351, 3421, 3551, 3771, 3811, SOUNDED. 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	REMARKS
RSGB	7160-7200	0500-0530	DLY	05	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.

SRAL – Finland – OH2BLU (Pekka)

Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7001,0	1520	20	5	UKR	UiMUX	J7D	12x120	12x200	
SRAL	7001,0	1800	24	5	UKR	UiMUX	J7D	12x120	12x200	
SRAL	7008,0	0400-0930	20	5		UiPTR	F1B		250	
SRAL	7020,0	0845-1000	20	5		UiPTR	F1B		200	

Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7025,0	0400-0535	8,11	5		UiPTR	F1B		200	
SRAL	7034,0	0700-1630	*	5		UiPTR	F1B		250	days
SRAL	7038,7	h24	dly	5	UKR	D	A1A			Sevastopol
SRAL	7038,9	h24	Dly	5	RUS	S	A1A			Severomorsk
SRAL	7039,0	h24	Dly	5	RUS	C	A1A			Moscow
SRAL	7041,0	1330-1730	1,3	5	RUS	3NJV	A1A			MR 5BL
SRAL	7054,0	0300-0700	dly	5	RUS	RDL	F1B		200	25 Hz dotter
SRAL	7054,0	1700-2100	dly	5	RUS	RDL	F1B		200	25 Hz dotter
SRAL	7054,0	1500-1630	13	5		UiMUX	J7D	12x120	12x200	
SRAL	7056,0	1335	21	5	RUS	JWSA	A1A			Calls YHZG
SRAL	7062,0	0810	18	5		UiPTR	F1B			
SRAL	7075,0	0430-1700	7,14	5		UiMUX	J7D	12x120	12x200	
SRAL	7090,5	1510	7	5		UiMUX	J7D	12x120	12x200	
SRAL	7091,5	1130-1530	*	5		UiPTR	F1B		250	Days 18, 21, 22, 25, 31
SRAL	7097,0	1415	24	5		UiMUX	J7D	12x120	12x200	
SRAL	7110,0	0300-0500	dly	5	ETH	R Eth.	A3E			
SRAL	7110,0	1430-1800	dly	5	ETH	R Eth.	A3E			
SRAL	7110,0	1900-2100	dly	5	ETH	R Eth.	A3E			
SRAL	7111,0	0500-0930	4, 24	5		UiPTR	F1B		200/250	St. Peterburg
SRAL	7116,0	1915	31	5	RUS	UiMUX	J7D	12x120	12x200	Kaliningrad
SRAL	7122,0	0330-2000	dly	5	RUS	RDL	F1B/A		200/250	Kaliningrad, MR 5F
SRAL	7125,0	1800-2100	dly	5	GUI	R. Conakry	A3E			
SRAL	7134,0	0830-1930	7, 14	5		UiMUX	J7D	12x120	12x200	
SRAL	7139,5	0900-0930	28	5		UiPTR	F1B		200	
SRAL	7149,0	0645	11	5		UiPTR	F1B			
SRAL	7155,0	0455-0755	29	5		UiBC	A3E			
SRAL	7162,0	0500-1230	1,5, 21	5		UiPTR	F1B		250	
SRAL	7165,0	0330-0530	dly	5	ETH	R Eth	A3E			
SRAL	7165,0	1400-1930	dly	5	ETH	R Eth	A3E			Up to +/- 20 kHz avoiding jam.
SRAL	7167,0	0530-0800	9,28	5		UiPTR	F1B		250	
SRAL	7175,0	0400-0500	dly	5	ERI	VoBME	A3E			
SRAL	7175,0	1400-2005	dly	5	ERI	VoBME	A3E			Up to +/- 20 kHz avoiding jam.
SRAL	7176,0	0630-0830	2,4, 28	5		UiPTR	F1B		250	
SRAL	7186,0	0400-1930	*	5	RUS	UiMUX	J7D	12x120	12x200	Days 15 – 20, 31, Murmansk
SRAL	7188,0	1400-1630	11, 24	5		UiPTR	F1B		250	
SRAL	7198,0	0430-1745	29-30	5		UiMUX	J7D	12x120	12x200	
SRAL	7200,0	0000-0600	dly	5		UiBC	A3E			
SRAL	7200,0	1330-1530	dly	5	RUS	R. Rossii	A3E			

Society	QRG	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	REMARKS
SRAL	7200,0	1730-2100	dly	5	SDN	R Sudan	A3E			
SRAL	10135,0	1825	12	5		UiOTHR	P0N			50 Hz, 30 kHz wide
SRAL	13990,0	0550	8	5		UiOTHR	P0N			25 Hz, 40 kHz wide
SRAL	14008,0	0850	23	5		UiPTR	F1B			
SRAL	14028,0	0700-1130	1 -3	5		UiPTR	F1B		250	
SRAL	14104,0	0945	14	5		UiPTR	F1B			
SRAL	14169,0	0810	18	5		UiPTR	F1B			
SRAL	14295,1	0300-2000	dly	5	TJK	R Tojikiston	A3E			3f 4765,05 kHz, Yangiyul TX
SRAL	14350,0	0835	14	5		UiOTHR	P0N			50 Hz, Jekaterinburg
SRAL	14350,0	1845-1930	28	5		UiOTHR	P0N			50 Hz, Jekaterinburg
SRAL	28000-28105	0830-1400	30	5		UiVox	F3E			4 reports

USKA – Switzerland – HB9CET (Peter)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7000.0	1759	01	05		T3Z158	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	2009	01	05		TALLIL	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	2142	04	05		ALKUT	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.000	1336	17	05			N0N			long-lasting carrier (over hours)
USKA	7000.0	1911	24	05		HQ3	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	1932	24	05		T2159	MFSK8	125	1750	MIL 188-141A daily
USKA	7000.0	2211	28	05			J3E-U			French speaking stations
USKA	7000.0	1913	31	05		GHADAMES	MFSK8	125	1750	MIL 188-141A
USKA	7001.5	1705	01	05			PSK-8		~ 2500	unid seriell/parallel Hybrid modem at 75Bd
USKA	7001.8	2209	28	05			PSK-8	2400	2700	MIL 188-110A
USKA	7002.0	2057	30	05			J3E-U			unid language
USKA	7008.0	0701	25	05			F1B	75	250	unid
USKA	7010.0	0733	04	05		RS008	MFSK8	125	1750	MIL 188-141A daily
USKA	7010.0	0856	04	05		RS0011	MFSK8	125	1750	MIL 188-141A daily
USKA	7011.8	1520	03	05			PSK-8	2400	2700	MIL 188-110A Frame format 1200 bps long
USKA	7011.8	1522	03	05			PSK-8	2400	2700	MIL 188-110A, Frame format: 600 bps long often
USKA	7011.8	1525	03	05			PSK-8	2400	2700	MIL 188-110A, Frame format: 300 bps short often
USKA	7011.8	1525	03	05			PSK-8	2400	2700	MIL 188-110A, Frame format: 2400bps (Data) long often
USKA	7011.8	1528	03	05			PSK-8	2400	2700	MIL 188-110A, Frame format: 75 bps long often
USKA	7020.0	1033	24	05		CS004A	MFSK8	125	1750	MIL 188-141A daily
USKA	7020.0	1034	24	05		RS014D	MFSK8	125	1750	MIL 188-141A daily
USKA	7020.0	1053	24	05		RS009D	MFSK8	125	1750	MIL 188-141A daily
USKA	7024.0	2208	03	05			F1B	75	250	unid
USKA	7034.5	2047	14	05						frequency hopper
USKA	7038.7	1530	01	05	UKR	D	A1A			Beacon D Sevastopol daily
USKA	7038.9	1531	01	05	RUS	S	A1A			Beacon S Murmansk daily
USKA	7039.0	1532	01	05	RUS	C	A1A			Beacon C Moscow daily
USKA	7054.0	1723	01	05			F1B	50	200	unid daily
USKA	7062.0	0738	25	05			F1B	40.5	200	CIS 81
USKA	7080.0	2029	30	05			F1B	50	200	unid
USKA	7088.0	1202	17	05			F1B	100	150	unid
USKA	7088.0	0717	25	05			F1B	100	150	unid
USKA	7090.0	1653	01	05			A3E			BC, unid
USKA	7090.0	1851	31	05			J7D	12x120	2600	CIS 12 idling
USKA	7090.5	1432	07	05			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	7091.5	1356	31	05			F1B	40.5	250	CIS 81 at 40.5 Bd
USKA	7092.0	1524	21	05		4017	MFSK8	125	1750	MIL 188-141A daily
USKA	7092.0	1650	21	05		2010	MFSK8	125	1750	MIL 188-141A daily
USKA	7092.0	1832	21	05		2016	MFSK8	125	1750	MIL 188-141A daily
USKA	7092.0	1746	30	05		2011	MFSK8	125	1750	MIL 188-141A daily

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	7093.0	1004	23	05			F1B	100	150	unid
USKA	7100.0	1712	05	05			A3E			BC: unid
USKA	7105.0	2221	01	05			A3E			BC: 2 stations, chinese daily
USKA	7110.0	1654	01	05	ETH		A3E			BC: Radio Ethiopia daily
USKA	7116.0	1609	31	05	RUS		J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	7122.0	1703	04	05	RUS	RDL	F1B	50	200	unid almost daily
USKA	7122.0	1349	10	05			F1B	36	200	unid; later 50Bd, CIS 36-50?
USKA	7122.0	1628	14	05			F1A			numbers only (long transmission)
USKA	7125.0	1842	01	05	GUI		A3E			Radio Conakry (in french) daily
USKA	7139.5	1208	28	05			F1B	40.5	250	CIS 81 at 40.5 Bd
USKA	7140.0	1757	14	05		1708	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1759	14	05		1703	MFSK8	125	1750	MIL 188-141A daily
USKA	7140.0	1811	14	05		1104	MFSK8	125	1750	MIL 188-141A daily
USKA	7145.0	1839	01	05	SOM		A3E			Radio Hargeisa
USKA	7162.0	1215	01	05			F1B	75	250	unid
USKA	7165.0	1541	03	05	ETH		A3E			Radio Ethiopia daily
USKA	7165.0	1708	04	05			Noise			wide jammer almost daily
USKA	7166.0	2217	28	05			A1A			letters and numbers
USKA	7175.0	1523	01	05	ERI		A3E			Voice of Broad Masses daily
USKA	7175.0	1535	01	05			Noise			wide Jammer daily
USKA	7178.5	1941	31	05						frequency hopper
USKA	7185.0	1527	01	05			Noise			wide jammer
USKA	7185.5	1329	28	05			F1B	100	145	unid
USKA	7186.0	2123	14	05			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D often
USKA	7188.0	1506	24	05			F1B	75	250	unid
USKA	7188.0	1936	31	05			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	7195.0	1837	27	05			J7D	12x120	2600	CIS 12 idling
USKA	14008.0	1234	02	05			F1B	50	250	unid
USKA	14026.0	0859	24	05			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D often
USKA	14028.0	1103	03	05			F1B	75	250	unid
USKA	14038.3	1551	14	05			A3E			BC; unid; 2 stations, IM3??
USKA	14117.750	1512	24	05			N0N			long lasting carrier
USKA	14171.0	1028	17	05			J7D	12x120	2600	PSK-2: CIS 12 = AT3004D
USKA	14192.0	1918	25	05			F1B	50	500	unid
USKA	14192.0	1857	31	05			F1B	50	200	unid
USKA	14197.000	1025	17	05			N0N			long-lasting carrier
USKA	14263.0	1225	05	05			A1A	15 wpm		continuous letters, no interrupts
USKA	14295.127	1903	31	05			N0N			long-lasting carrier
USKA	14298.2	1242	19	05			OFDM	30		OFDM 37.5Hz Shift
USKA	14312.0	1123	28	05			J7D	12x120	2600	CIS 12 idling
USKA	14335.0	1347	28	05			P0N	50pps	20kHz	OTHR, 14335 up
USKA	18107.0	1229	01	05	RUS	RDL	F1B	50	250	CIS 36-50 (BEE, T-600) often sometimes 36Bd, also F1A
USKA	18160.0	1617	26	05			P0N	50pps	20kHz	OTHR , 18160 up
USKA	21000.8	0859	02	05			N0N			long-lasting carrier with short interrupts (over hours)
USKA	21001.5	0849	02	05	RUS		F1B	100	150	unid, Jekaterinburg often
USKA	21123.0	1536	08	05			J3E-U			Spanish, fishery
USKA	28000.42	1544	14	05			N0N			long lasting carrier
USKA	28005.0	0828	31	05			AM			Spanish, fishery
USKA	28010.1	1455	07	05		SH	A1A			fishery driftnet buoy
USKA	28035.0	0830	31	05			AM			Spanish, fishery; roger piep, often
USKA	28045.0	0845	31	05			F3E			Russian, female voice
USKA	28055.0	0931	24	05			AM			unid language
USKA	28065.0	0858	31	05			F3E			Russian, female voice
USKA	28085.0	0847	31	05			F3E			Russian, female voice
USKA	28115.0	0851	31	05			F3E			Russian, female voice
USKA	28125.6	0655	25	05			J3E-U			Spanish, using selcall system several stations
USKA	28141.1	1604	26	05		DA	A1A			fishery driftnet buoy
USKA	28141.3	1608	26	05		P	A1A			fishery driftnet buoy
USKA	28144.6	1600	26	05		FO	A1A			fishery driftnet buoy
USKA	28145.0	0823	31	05			AM			Spanish, fishery; roger piep
USKA	28155.0	0934	31	05			AM			unid language (weak)
USKA	28195.0	1939	25	05			F3E			Russian, female voice
USKA	28225.0	1004	31	05			F3E			Russian, female voice
USKA	28254.675	0929	31	05		DK	A1A			fishery driftnet buoy
USKA	28255.0	0931	31	05			AM			unid language; roger piep

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH	DETAILS
USKA	28370.0	1001	31	05			F3E			Russian, female voice
USKA	28396.4	1557	26	05		CV	A1A			fishery driftnet buoy
USKA	28396.8	1555	26	05		CZ	A1A			fishery driftnet buoy
USKA	28441.8	1550	26	05		AQ	A1A			fishery driftnet buoy

Veron 1 – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SHIFT	DETAILS
VERON	7001,0	06.34	28	5		CMXM	A1A		CMXM 117 25 28 1002117=565
VERON	7001,0	06.37	28	5		CMXM	A1A		CMXM OK ZBW ZWV QYT9 K/proc
VERON	7001,0	06.38	28	5		CMXM	A1A		to TK3C,ZQO ZYQ ZHF QYT9 K
VERON	7019,0	17.05	23	5		SWYB	A1A		
VERON	7019,0	18.08	23	5		RAL2	A1A		to RIB2, RGH2,RBL66, RMW2, proc
VERON	7019,0	18.09	23	5	RUS	RGH2	A1A		to RAL2: proc
VERON	7019,0	18.10	23	5	RUS	RBL66	A1A		to RAL2: proc
VERON	7019,0	18.11	23	5	RUS	RMW2	A1A		to RAL2: proc
VERON	7019,0	18.12	23	5	RUS	RAL2	A1A		to RBL 672: calls
VERON	7019,0	19.06	23	5	RUS	SWYB	A1A		to Msze: proc
VERON	7019,0	12.22	25	5	RUS	RAL2	A1A		to RKA2,RLO2: proc
VERON	7019,0	12.23	25	5	RUS	RKA2	A1A		to RAL2: proc
VERON	7019,0	12.24	25	5	RUS	RLO2	A1A		to RAL2: proc
VERON	7019,0	12.25	25	5	RUS	RAL2	A1A		to RBL70: calls
VERON	7036,3	05.33	vd	5		UiMUX	J7D		20.11 utc, 12 MPSK, 4 days
VERON	7038,7	05.35	vd	5	UKR	D	A1A		20.09 utc, beacon, 7 days,
VERON	7038,9	05.35	vd	5	RUS	S	A1A		20.09 utc, beacon, 7 days,
VERON	7039,0	05.35	vd	5	RUS	C	A1A		19.24 utc, beacon, 7 days, loc Moscow
VERON	7039,2	18.38	vd	5	RUS	F	A1A		20.09 utc, beacon, Vladivostok, 5 days
VERON	7054,0	18.33	10	5	RUS	UiPtr	F1B		Ptr
VERON	7054,0	18.36	vd	5	RUS	UiPtr	F1B	250	20.13 utc, 9 days, 9 days
VERON	7122,0	18.52	vd	5	RUS	RDL	F1B	250	Ptr, Revs, also 20/5, 19.08 utc
VERON	7122,0	17.54	27	5	RUS	RDL	F1A	250	5F
VERON	7122,0	06.50	28	5	RUS	RDL	F1B	250	Revs,Ptr
VERON	7165,0	18.32	10	5	ERI	VBM	A3E		music, also 18/5
VERON	7166,0	16.24	vd	5	RUS	UiCW	A1A		14 figure groups, also 17/5 18.48 utc
VERON	7167,0	06.54	28	5		UiPtr	F1B	250	Ptr
VERON	7175,0	17.50	18	5	ERI	VBM	A3E		speech
VERON	7176,0	6.56	28	5	RUS	UiPtr	F1B	250	Res
VERON	7186,0	17.52	18	5		UiMUX	J7D		12 MPSK
VERON	14016,0	09.20	13	5		UiPtr	F1B	250	Ptr
VERON	14108,00	09.18	22	5		UiCW	A1A		5F
VERON	14141,0	09.00	12	5		UiPtr	F1B	500	Ptr
VERON	14292,0	09.25	13	5		UiPtr	F1B	500	Ptr
VERON	14292,0	09.37	14	5		UiCAR	NON		strong carrier continue
VERON	14292,0	08.02	28	5		UiPtr	F1A	500	Revs
VERON	14293,0	07.56	26	5		UiMUX	J7D		12 MPSK
VERON	14318,0	08.16	28	5					frequency hopper
VERON	18099,0	19.30	25	5		OTHR	PON		radar, wide 18088-18112 KHz
VERON	21001,5	08.00	10	5		OTHR	PON		radar, wide
VERON	21070,0	15.05	14	5		OTHR	PON		radar, wide, 21055-21080 KHz
VERON	24950,0	19.26	26	5	Italy		PON		Codar HF Radar nr Venice

Veron 2 – Netherlands – PA0GRU (Dick)

SOC	kHz	UTC	DD	MM	ITU	IDENT	MODE	SHIFT	DETAILS
VERON	3756,0	21.02	22	5	UKR		A3E		The "pip"
VERON	3772,0	21.28	8	5	RUS	P	A1A		Beacon Kaliningrad
VERON	3772,0	21.00	22	5	RUS	P	A1A		Beacon Kaliningrad; + 50Hz hum
VERON	3794,0	21.25	8	5		UiMux	PSK8		
VERON	7038,7	vt	vd	5	UKR	D	A1A		D-beacon
VERON	7038,8	14.37	30	5		S	A1A		Beacon Murmansk
VERON	7038,9	14.37	30	5		C	A1A		Beacon Moscow
VERON	7038,9	vt	vd	5	RUS	S	A1A		S-beacon
VERON	7039,0	vt	vd	5	RUS	C	A1A		C-beacon
VERON	7054,0	20.34	22	5	RUS	UiPtr	F1B	200	Bad filter
VERON	7054,0	vt	vd	5		UiPTR	F1B		Revs
VERON	7105,0	22.09	8	5		UiBC	A3E		2 BC stations on same frequency; Chinese
VERON	7105,0	22.04	22	5		UiBC	A3E		Chinese speech
VERON	7110,0	20.27	22	5	ETH	R.Ethiopia	A3E		s9
VERON	7122,0	13.08	13	5		UiCW	F1A		5L (followed by F1B Revs)
VERON	7122,0	vt	vd	5		UiPTR	F1B		Revs/Ptr
VERON	7140,0	18.37	22	5		UiBC	A3E		s8
VERON	7165,0	16.58	8	5			JAM		White noise jammer
VERON	7175,0	17.22	2	5			JAM		Jammer 22k wide
VERON	7175,0	18.33	22	5	ERI	VBME	A3E		s9++
VERON	7200,0	18.29	22	5	SDN	R.Omdurman	A3E		s9++
VERON	10108,0	12.34	18	5		UiCW	F1A		XXX (followed by F1B Carrier/Revs/Ptr)
VERON	10108,0	vt	vd	5	CIS	UiPTR	F1B		Carrier/Revs/Ptr
VERON	10112,0	14.25	30	5	TUR	UiMux	PSK8	2k6	Stanag system
VERON	10130,0	vt	vd	5		UiPTR	F1B		Ptr
VERON	14004,0	13.06	13	5		UiPTR	F1B		Ptr
VERON	14008,0	vt	vd	5	CIS	UiPTR	F1B		Carrier/Revs/Ptr
VERON	14016,0	09.45	13	5		UiPTR	F1B		Ptr
VERON	14050,0	07.58	17	5		UiPTR	F1B		Ptr
VERON	14063,0	14.51	28	5		UiMux	PSK6		
VERON	14108,0	09.23	18	5	CIS	UiCW	A1A		5BL
VERON	14108,0	09.28	18	5	CIS	NKNC	A1A		Calls (to: KOPS SFNN J6TN 1WMI 2J3U)
VERON	14109,0	16.58	22	5			JAM?		Heavy rushing noise; s9++
VERON	14114,0	14.54	28	5		UiMux	PSK2		
VERON	14116,0	07.55	17	5		UiPTR	F1B		Ptr
VERON	14118,0	12.32	22	5		UiMux	PSK12		2k4 wide
VERON	14118,0	07.55	17	5	CIS	UiCW	A1A		5BL
VERON	14155,0	11.49	23	5		OTHR	PON		50pps
VERON	14169,0	07.56	17	5		UiPTR	F1B		Ptr
VERON	14292,0	09.45	13	5		UiPTR	F1B		Ptr
VERON	14317,0	12.09	17	5		UiCW	A1A		5BL (ending 885 k)
VERON	18084,0	09.42	13	5		UiPTR	F1B		Idling
VERON	21195,0	08.28	23	5					Frequency hopper
VERON	21255,0	11.30	23	5					Frequency hopper
VERON	21300,0	16.52	22	5		OTHR	PON		25pps; 30k wide
VERON	21320,0	14.25	26	5					Frequency hopper
VERON	25000,0	14.20	26	5		CODAR	PON		24945kHz - 25050kHz (12M band)
VERON	25000,0	14.10	30	5		CODAR	PON		24950kHz - 25050kHz (12M band)
VERON	28323,0	14.03	7	5		OTHR	PON		67pps

IARUMS Region 1

Many thanks for your interest!

The monitoring team of IARU Region 1

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