



Monitoring Report July 2017

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
80m band informational only! - Primary but shared with other also primary allocated services									
3525.0 (Center)	0421	19	07			DQPSK	14x75	5k9	LINK 11 CLEW; almost daily (Stanag5511): ISP or DSP Mode
3527.0	2322	03	07			F1B	50	200	daily
3532.0	2135	09	07			DQPSK	14x75	5k9	LINK 11 CLEW; often (Stanag5511): ISP or DSP Mode
3549.0 VFO USB	2320	03	07			PSK8	2400	~2k7	MIL188-110A (Hybrid), often preamble 4 tones, 450Hz spacing
3553.8	2322	03	07			G1D	2400	~2k7	Stanag 4285; PSK8 almost daily
3572.0	2137	09	07			F1A	75	250	
3744.5	2139	09	07			PSK8	2400	~2k7	MIL188-110A (Hybrid), often preamble 4 tone PSK4 75Bd
6998.5	0759	04	07			J3E-U		~2k7	partially in 40m band
6998.5	0817	04	07		OL1	MFSK8	125	1750	ALE, MIL 188-141A; To: OD6
6998.5	0800 0801	04	07		BU2 OL1	MFSK8	125	1750	ALE, MIL 188-141A
7006.0 VFO USB	2244	03	07		var	F1B	100	170	CODAN Selcall, almost daily ID's: 0519, 10000, 10001
7022.0	0829	12	07			J7D	12x120	2k7	BPSK; CIS12
7030.0	1409	05	07			J7D	12x120	2k7	BPSK; CIS12
7039.4	2145	09	07	RUS	M	A1A			Cluster beacon; from Magadan
7050.0	1601	10	07			J3E-L		~3k	Patriotic slogans
7060.0	0743	12	07			J7D	12x120	2k7	BPSK; CIS12
7064.0	2135	04	07			FMCW	50 sps	~13k	OTHR (occupied BW ≥ 30k) Contayner 29B6 system
7087.0	0654	21	07			J7D	12x120	2k7	CIS12 idling (13 carriers only)
7099.0	0749	25	07			J7D	12x120	2k7	BPSK; CIS12
7103.0 VFO USB	2307	03	07		var	F1B	100	170	CODAN Selcall, almost daily ID's: 4361; 8205; 6520
7106.0 VFO USB	2248	03	07		var	F1B	100	170	CODAN Selcall, almost daily ID's: 12763; 6055; 10100
7111.0 VFO LSB	1941	02	07			BPSK	30x60Bd	~2k5	Burst system; tone spacing 75 Hz. Preamble 4x PSK4 60Bd, spacing 600Hz; Pilottone at 450Hz
7112.0 VFO USB	2254	03	07		var	F1B	100	170	CODAN Selcall ID's: 10001; 4319; 7555; 9211
7118.0	2005	10	07			J7D	12x120	2k7	BPSK; CIS12
7119.0	2119	04	07			J7D	12x120	2k7	BPSK; CIS12 often
7119.9	1953	02	07	SOM		A3E			BC; Radio Hargaysa daily
7139.0 VFO USB	2233	10	07		var	F1B	100	170	CODAN Selcall, almost daily ID's: 82125, 48103
7141.0	1935	02	07			J7D	12x120	2k7	BPSK; CIS12
7142.0 VFO USB	2259	03	07		var	F1B	100	170	CODAN Selcall, almost daily ID's: 3061; 1719; 4361
7150.0	0419	19	07	ERI		A3E			BC, massively jammed
7150.0	0419	19	07					~20k	Jammer, white noise
7166.0	2039	21	07			J7D	12x120	2k7	BPSK; CIS12
7175.0	1554	10	07	ERI		A3E		~8k	BC, massively jammed
7175.0	1555	10	07					~20k	Jammer, white noise



USKA - Bandwacht

Member of IARU Monitoring System R1



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7179.0	0723	10	07			J7D	12x120	2k7	BPSK; CIS12 often
7197.0	0449	19	07		315018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	0458	19	07		360018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	0501	19	07		348018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	0552	19	07		334018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	0626	19	07		306013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	0737	19	07		316013	MFSK8	125	1750	ALE, MIL 188-141A
14008.0	0705	05	07			F1B	50	250	often
14026.0	0838	03	07			J7D	12x120	2k7	BPSK; CIS12 system
14113.5	0634	05	07			PSK-2	1200	1200	ARQ Burst system
14128.0	1128	06	07			FMOP	50 sps	~13k	OTHR (occupied BW ≥ 30k) Contayner 29B6 system
14142.0	0833	10	07			FMOP	66.66 sps	~10k	OTHR, Burst system BD appx 15s, appx BRI 34.5s
14148.0	0926	17	07			FMOP	50 sps	~13k	OTHR (occupied BW ≥ 30k) Contayner 29B6 system
14182.0	0659	10	07			FMOP	66.66 sps	~10k	OTHR, Burst system BD appx 7.5s, appx BRI 34.5s
14192.0	0840	03	07			F1B	50	200	almost daily
14204.0	0824	20	07			OFDM60	30	~2k8	PSK-4B modulated, tone spacing 44.44Hz; pilottone at 3k3
14221.0	2218	30	07			F1B	50	200	often
14237.0	1008	05	07			OFDM60	35.56	~2k8	PSK-8B modulated, tone spacing 44.44Hz; pilottone at 3k3
14240.0	0938	26	07			F1B	50	200	
14260.8	1006	05	07			OFDM60	35.56	~2k8	PSK-8B modulated, tone spacing 44.44Hz; pilottone at 3k3
14284.5	0959	05	07			OFDM60	35.56	~2k8	PSK-8B modulated, tone spacing 44.44Hz; pilottone at 3k3
14295.0	1539	12	07	TAJ		A3E			3 rd from 4765 – Radio Tajikistan
14312.0	0944	18	07			F1B	150	250	
14317.0	0844	10	07		GBH2 6WPD	A1A			no ham content
14331.52	1244	26	07			F1B	600	600	ARQ
14331.52	1303	26	07			PSK2	1200	1200	ARQ; Packet lenght 210ms, Pause time 290ms
18150.0	0828	10	07			F1B	100	1k	Harmonic of 9075kHz often
18165.0	0704	26	07			FMCW	50 sps	20k	OTHR

Errors and omissions excepted

Digital transmissions: Frequency indications mostly center frequency; otherwise indicated. ALE, MIL 188-141A = usually VFO USB !

BC = Broadcast // **BD** = Baud, or also Burst duration // **BRI** = Burst repetition interval // **SH** = Shift or Spacing (Hz)
BW = Bandwidth // **OTHR** = over the horizon radar // **FMCW** = frequency modulated continuous wave //
FMOP = frequency modulated on pulse // **sps** = sweeps per second // **vd** = various dates // **vt** = various times

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