



Monitoring Report: December 2016

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
80m band informational only! - Primary but shared with other also primary allocated services									
3506.0	2312	09	12			MFSK8	125	1750	MIL 188-141A; To: BZ3 often
3524.0	2332	24	12			F1B	50	250	
3525.0 (Center)	1716	14	12			DQPSK	14x75	5k9	LINK 11 CLEW; almost daily (Stanag 5511): ISP or DSP Mode
3548.0	1741	02	12			F1B	50	200	almost daily
3549.0 VFO USB	2221	05	12			PSK8	2400	~2k7	MIL188-110A (Hybrid), preamble 4 tones, 450Hz spacing
3553.8	2219	05	12			G1D	2400	~2k4	Stanag 4285; PSK8 almost daily
3556.875	1652	02	12			A1A			fast dots; Jammer
3557.0	1652	02	12			F1B	75	250	often
3557.0 VFO USB	1419	07	12			J7D	12x120	2k7	BPSK; CIS12
3582.0	1719	14	12			F1B	50	200	almost daily
3582.0 VFO USB	0427	20	12			J7D	12x120	2k7	BPSK; CIS12
3591.0	2214 2248	05 09	12			DQPSK	14x75	5k9k	LINK 11 CLEW almost daily Stanag 5511; DSB mode
3624.0	1424	07	12			F1B	75	200	
3677.0 VFO USB	0431	20	12			J7D	12x120	2k7	BPSK; CIS12
3714.5 VFO USB	1723	14	12			J7D	12x120	2k7	BPSK; CIS12
3792.0	2208	05	12			F1B	50	200	
3792.0	2250	09	12			F1B	50	200	
3797.0	1702	02	12			J7D	12x120	2k7	BPSK; CIS12
6998.0	2332	01	12			H3E-U Bursts		~3k6	"Buzzer" up to ≥7001.5kHz daily
6998.5	0836 vt	29 vd	12			MFSK8	125	1750	MIL 188-141A partially in 40m band
6998.5	0844	29	12			PSK8	2400	~2k4	MIL188-110A, partially in 40m band
7000.0	1348	07	12			J3E-U			unid language (asian?)
7000.0	1500	15	12			J3E-U			Italian:Fishery?
7008.0	0501	11	12			F1B	50	250	
7008.0	0724	22	12			F1B	75	250	often
7010.0	2050	08	12		various	MFSK8	125	1750	MIL 188-141A almost daily
7020.0	2322	05	12			J3E-L		~2k4	Asian language and music. Most probably "indonesian "Village Radio"
7020.0	1928 vt	06 vd	12		various	MFSK8	125	1750	MIL 188-141A almost daily
7030.0	0504	11	12			F1B	50	250	
7030.0	0720	22	12			F1B	75	250	
7036.0	1651	22	12			F1B	50	250	
7050.0	2227 vt	09 vd	12		various	MFSK8	125	1750	MIL 188-141A often
7055.0	1739	02	12			J3E-L			Patriotic music and slogans
7070.0	1841 vt	02 vd	12		various	MFSK8	125	1750	MIL 188-141A often
7088.8	1237	07	12			J7D	12x120	2k7	BPSK; CIS12
7120.0	1636	02	12	SOM		A3E		10k	Radio Hargaysa almost daily
7134.0	1734	02	12			F1B	50	200	
7136.8	1141	09	12			J7D	12x120	2k7	BPSK; CIS12
7145.0	1640	02	12			Noise		~ 20k	Jammer often



USKA - Bandwacht

Member of IARU Monitoring System R1



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7146.557	1640	02	12			A3E		10k	BC, jammed
7147.0	2233	09	12			FMCW	50 sps	~13k	OTHR; occup. BW appx 30k
7157.8	0642	21				OFDM ?		>3.15	unident signal; sharp edges
7168.9	0952	23				A1A			Jammer (dots only)
7169.0	0952	23	12			F1B	75	200	jammed
7170.0	2224	12	12			?	66.66 sps	10k	OTHR; PD 3.85s
7174.991	1644	02	12	ERI	VOBM	A3E		10k	BC; voice of the broad masses (jammed) daily
7175.0	1644	02	12			Noise		>15k	Jammer
7188.0 VFO LSB	1357	07	12			BPSK	30x60Bd	~2k5	Burst system; tone spacing 75 Hz. Preamble 4x PSK4 60Bd, spacing 600Hz; Pilotone at 450Hz
7193.0	1406	07	12			F1B	50	200	CIS 36-50 often
7193.1	1406	07	12			A1A			Jammer (fast dots)
7195.0	1435	19	12			A3E		10k	BC, unident language
7195.0	1622	29	12			A1A			fast dots only
7200.0	1149	09	12			A3E		~10k	BC, lower sideband down to 7195
7200.0	2001	20	12			Noise		~10k	Jammer
14192.0	1646	02	12			F1B	50	250	almost daily
14194.0	0746	14	12			F1B	50	500	
14290.0	0901	24	12			FMOP	66.66 sps	~10k	OTHR; short burst, short duration
14308.0	0931	06	12			F1B	75	500	(strong, -50dBm)
14318.55	0724 0732	14	12			PSK2B F1B	1200 600	1200	ARQ system
14346.8	0843	05	12			PSK8	2400	~2k7	STANAG 4285, (weak) Frame format 600 bps/long
14352.0	0945	29	12			FMCW	50 sps	10k	OTHR; BD appx 10s, BRI 40s
18070.0	1036	19	12			FMCW	25 sps	20k	OTHR
18075.0	1158	09	12			FMOP	12.5 sps	40k	OTHR
18090.0	1407	28	12			FMCW	50 sps	20k	OTHR
18165.0	1138	26	12			FMCW	50 sps	20k	OTHR
21010.0	0633	28	12			FMCW	50 sps	20k	OTHR
21050.0	0817	14	12			FMCW	50 sps	20k	OTHR
21100.0	0814	14	12			FMCW	25 sps	20k	OTHR
21438.0	0952	18	12	RUS	RCV	A1A			letters and figures almost daily
28500.0	0922	24	12			FMOP ?	227 + 334 sps	~ 30-40k	OTHR Burst system, BD 6.1 and 8.1s

Errors and omissions excepted

Digital transmissions: Frequency indications mostly center frequency; otherwise indicated
ALE MIL 188-141A = is 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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HAPPY NEW YEAR