



# Monitoring Report for April and May 2017

## 1. April

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
80m band informational only! - Primary but shared with other also primary allocated services									
3520.0	2234	11	04			J7D	12x120	2k7	BPSK; CIS12
3522.0	2148	16	04			PSK8	2400	~2k7	STANAG 4285; frame format mostly 600bps/long
3524.0	2238	11	04			F1B	50	200	
3525.0 (Center)	2150 2234	03 11	04			DQPSK	14x75	5k9	LINK 11 CLEW; almost daily (Stanag5511): ISP or DSP Mode
3526.0	2128	09	04			J7D	12x120	2k7	BPSK; CIS12
3527.0	2151	04	04			F1B	50	200	often
3530.0 VFO USB	2153	03	04			DQPSK	14x75	2k7	LINK 11 CLEW(Stanag5511) SSB mode
3532.0	0646	01	04			DQPSK	14x75	5k9	LINK 11 CLEW; (Stanag5511): ISP or DSP Mode often
3550.0	2238	11	04			J7D	12x120	2k7	BPSK; CIS12
3552.0	2147	04	04		RDL	F1A		250	
3552.0	2149	04	04		RDL	F1B	50	250	
3553.8	2156	03	04			G1D	2400	~2k4	Stanag 4285; PSK8 almost daily
3699.5.0	2135	16	04			F1B	50	200	
3744.5	2135 2139	09 16	04			PSK8	2400	~2k7	MIL188-110A (Hybrid), preamble 4 tone PSK4 75Bd often
3748.0	2157	04	04			F1B	75	200	
6999.0	0648	10	04			J3E-U		2k4	Spanish (fishery)
6999.9	0643	10	04			J3E-U		2k7	English dialect (Patois)
7003.5	2117	09	04					2k6	Fishery; French
7008.0	0822	10	04			F1B	75	250	often
7008.5	0904	12	04			J7D	12x120	2k7	BPSK; CIS12 system
7016.0	0826	10	04			F1A	75	250	
7020.0	0756	12	04			F1B	75	250	
7022.0	0832	10	04			J7D	12x120	2k7	BPSK; CIS12 system
7051.0	2229 0543	11 25	04			F1B	50	200	often
7055.0	0726	13	04			J3E-L		~3k	Patriotic music and slogans
7070.0	2213	11	04			J7D	12x120	2k7	BPSK; CIS12 system
7089.8.0	1917	05	04			PSK8	2400	~2k4	LINK11 SLEW
7090.0	2218	04	04			J7D	12x120	2k7	BPSK; CIS12 system, strong via JA rx
7090.0	1928	05	04			J7D	12x120	2k7	BPSK; CIS12 system
7093.0	1923	05	04			J7D	12x120	2k7	QPSK; CIS12 system
7111.0 VFO LSB	2039	05	04			BPSK	30x60Bd	~2k5	Burst system; tone spacing 75 Hz. Preamble 4x PSK4 60Bd, spacing 600Hz; Pilotone at 450Hz
7112.0	0908	12	04			F1B	75	250	
7114.0	0813	12	04			J7D	12x120	2k7	BPSK; CIS12 system
7118.0	2049	05	04			J7D	12x120	2k7	CIS12 system
7126.0 VFO USB	0619	12	04			PSK8		~3k	MIL188-141B (BW1) ALE3G
7126.0 VFO USB	0633	12	04			PSK8	2400	~3k	MIL188-110A (D2)



# USKA - Bandwacht

Member of IARU Monitoring System R1



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
7130.0 VFO LSB	0611	12	04			BPSK	30x60Bd	~2k5	Burst system; tone spacing 75 Hz Preamble 4x PSK4 60Bd, spacing 600Hz; Pilottone at 450Hz
7144.0	0821 1152	11 25	04			J7D	12x120	2k7	CIS12 system
7179.0	1229	04	04			J7D	12x120	2k7	BPSK; CIS12 <span style="float: right;">often</span>
7197.0	1948	05	04		315013	MFSK8	125	1750	MIL 188-141A
7197.0	1957	05	04		302018	MFSK8	125	1750	MIL 188-141A
7197.0	1958	05	04		390013	MFSK8	125	1750	MIL 188-141A
14008.0	0839	12	04			F1B	50	250	<span style="float: right;">often</span>
14026.0	0925 1130	19 24	04			J7D	12x120	2k7	BPSK; CIS12 system
14044.0	0744	21	04			F1B	75	250	
14139.0	1016	18	04			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14142.0	0751	27	04			F1B		200	unclean; idling
14180.0	1416	06	04		RDL	F1A		250	followed by F1B
14180.0	1419 1420	06	04		RDL	F1B	36 50	250	CIS 36-50 <span style="float: right;">almost daily</span>
14184.0	0823	12	04			F1B	50	250	<span style="float: right;">often</span>
14192.0	1013	15	04			F1B	50	200	
14201.0	0655	10	04			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14212.5	0831	12	04			OFDM60	35.55	~2k7	PSK-4 modulated, tone spacing 44.44Hz; pilottone at 3k3
14221.0	0528	25	04			F1B	50	200	
14248.5	0753	27	04			F1B	600	600	ARQ system <span style="float: right;">often</span>
14253.0	0704 1545	10 21	04			F1B	75	250	<span style="float: right;">often</span>
14253.0	0630	11	04			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14255.0	0920	19	04			J7D	12x120	2k7	BPSK; CIS12 system
14261.0	0849	12	04			OFDM60	35.55	~2k7	PSK-4B modulated, tone spacing 44.44Hz; pilottone at 3k3
14261.0	1008	13	04			OFDM60	30.0	~2k7	PSK-4B modulated, tone spacing 44.44Hz; pilottone at 3k3
14285.0	0848	12	04			OFDM60	35.55	~2k7	PSK-4B modulated, tone spacing 44.44Hz; pilottone at 3k3
14308.0	1355	06	04			F1B	50	250	
14313.0	0854	17	04			J7D	12x120	2k7	BPSK; CIS12 system (weak) strong via JA-SDR
14333.0	0946	21	04			FMCW	50 sps	10k	OTHR; BD appx 5s, BRI 40s
14348.5	0817	17	04			J7D	12x120	2k7	BPSK; CIS12 system (weak) strong via JA-SDR
18070.0	0616	25	04			FMOP		40k	OTHR
18080.0	0710 0658	07 25	04	TWN	SOH	A3E		appx 10k	BC: Sound of Hope daily often jammed
21000.0	1132	07	04			J3E-U		~2k4	Spanish, probably fishery





# USKA - Bandwacht

Member of IARU Monitoring System R1



## 2. May

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
3525.0 (Center)	2225	30	05			DQPSK	14x75	5k9	LINK 11 CLEW; almost daily (Stanag5511): ISP or DSP Mode
3527.0	2219	18	05			F1B	50	200	often
3578.0	2223	18	05			F1B	75	250	
3578.912	1601	04	05	D	MO	N0N/A1A			Bake; North of Frankfurt/M
3616.5	2221	30	05			J7D	12x120	2k7	QPSK; CIS12 (AT3104D)
7008.0	0809	15	05			F1B	75	250	often
7120.0	1929	16	05	SOM		A3E			BC; Radio Hargaysa ; almost daily
7177.0 VFO USB	1638	04	05			J7D	12x120	2k7	BPSK;CIS12
7179.0	0908	02	05			J7D	12x120	2k7	BPSK; CIS12 often
7184.0 VFO USB	1642	04	05			J7D	12x120	2k7	BPSK; CIS12
7197.0	1921	16	05		355013	MFSK8	125	1750	MIL 188-141A
7197.0	1923	16	05		380013	MFSK8	125	1750	MIL 188-141A
7197.0	1925	16	05		324013	MFSK8	125	1750	MIL 188-141A
14000.020	0657	11	05			N0N			long lasting carrier
14003.59	0708	11	05			PSK-2	1200	1200	ARQ system
14054.0	0718	08	05			J7D	12x120	2k7	BPSK; CIS12
14115.0	0835	26	05			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14160.0	0701	11	05			F1B	75	250	
14180.0	1243	05	05		RDL	F1B	36 50	250	CIS 36-50 almost daily
14192.0	0905	02	05			F1B	50	200	almost daily
14201.0	0824	13	05			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14202.0 VFO USB	0812	15	05			OFDM60	29.63	~2k7	PSK-4 modulated, tone spacing 44.44Hz; pilotone at 3k3
14221.0	2230	30	05			F1B	50	200	often
14240.0	0706	11	05			F1B	75	250	also short F1A
14279.0	1005	12	05			FMCW	50 sps	~13k	OTHR; Contayner 29B6 system (occupied BW ≥ 30k)
14319.8	0820	15	05			N0N			long lasting carrier
14325.0 VFO USB	0911	29	05			unid		~2k4	Burst system, preamble, pilotone
18150.0	0754	29	05			F1B	100	1k	Harmonic of 9075kHz often
28960.0	0856 vt	31 vd	05			FMxx	150+313 sps	50k	OTHR

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

Peter A. Jost / HB9CET  
 Vice-Coordinator IARU Monitoring System R1  
 Friedheimstrasse 34b  
 CH 8057 Zürich  
 E-Mail: guard@uska.ch

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