Monitoring Report May 2018

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
80m band informational only! - Amateur co-primary, shared with other also primary allocated services!									
3513.0	2103	09	05			F1B	81	200	
3527.0	2232	01	05			F1B	50	200	almost daily
3544.0	2123	10	05			F1B	75	200	
3552.0 VFO USB	2235	01	05			G1D PSK8	2400	2k4	STANAG 4285 daily
3552.0	1828	03	05			F1B	50	250	almost daily
3559.0	2128	14	05			OFDM60	35.55	~ 2k75	PSK4 mod; Pilot @ appx 3k3, tone spacing 44.45Hz
3570.0	2121	10	05			J7D	12x120	2k7	BPSK; CIS12
3582.0	2232	17	05			J7D	12x120	2k7	BPSK; CIS12
3594.0 VFO USB	2257	18	05			G1D PSK8	2400	2k7	MIL 188-110A mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing
3594.5	2110	09	05			G1D PSK8	2400	2k4	STANAG 4285 often
3597.0	2144	03	05			J7D	12x120	2k7	BPSK; CIS12 (idling)
3630.179	2139	14	05			A1A			fast dashs only (beacon ?) often
3631.0 VFO USB	2240	01	05			G1D PSK8	2400	2k7	MIL 188-110A mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing
3676.0	2118	10	05			F1B	75	250	
3676.0	2126	14	05			F1B	50	200	
3697.0	2234	17	05			J7D	12x120	2k7	BPSK; CIS12
3718.0	2121	14	05			G1D PSK8	2400	2k4	Stanag 4285
3723.0	2124 2235	16 17	05			B7D DQPSK	14x75	5k9	LINK 11 CLEW; DSB Mode often
3738.0	2125	14	05			F1B	50	250	
3743.0 VFO LSB	2141	03	05			BPSK	30x60Bd	~2k5	Burst system; tone spacing 75 Hz Preamble 4x PSK 60Bd, spacing 600Hz; Pilottone at 450Hz
3744.5 VFO USB	2134 2237	14 17	05			G1D PSK8	2400	2k7	MIL 188-110A mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing often
3748.0	2101	10	05			F1B	75	250	
3759.0	2239	17	05			J7D	12x120	2k7	BPSK; CIS12
3784.5	2228	28	05			G1D PSK8	2400	2k7	MIL 188-110A mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing
3793.0	2241	17	05			J7D	12x120	2k7	BPSK; CIS12
3797.0	1832	03	05		RJV	A1A	15wpm		letters + figures in groups often
5361.8 **VFO USB**	1826	03	05	DNK		G1D PSK8	2400	2k4	STANG 4285; reported as Danish Navy in Aarhus: **legal !**
7008.0	0653	08	05			F1B	75	250	
7021.0	2224	13	05			FMOP	appx 3 sps	30k	OTHR
7027.0	0753	23	05			J7D	12x120	2k7	QPSK; CIS12
7030.0	1824	03	05			F1B	75	250	
7032.0	1819	28	05			J7D	12x120	2k7	QPSK; CIS12
7038.8	2218	28	05	RUS	P	A1A			Letter beacon; Kaliningrad
7058.0	2229	17	05			F1B	75	250	
7106.0 VFO USB	2053	09	05		var	F1B	100	170	CODAN Selcall often

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
7112.0 VFO USB	2056	09	05		var	F1B	100	170	CODAN Selcall's
7112.0	1706	16	05			J7D	12x120	2k7	BPSK; CIS12
7114.0	1822	03	05			F1B	50	200	
7120.0	1535	10	05	SOM		A3E			BC; Radio Hargaysa almost daily
7137.0	1614	02	05			F1B	36+50	200	CIS 36-50
7140.0	1531	10	05	ERI		A3E		~ 8k	BC often
7146.0	0856	02	05			J7D	12x120	2k7	BPSK; CIS12
7149.5	0727	31	05			J7D	12x120	2k7	BPSK; CIS12
7159.0 VFO USB	1932	12	05			G1D DQPSK	14x75	~ 2k5	LINK 11 CLEW (SSB Mode) North of the Norwegian coast
7159.0	0933 2227 2303 1425	15 17 18 19	05			B7D DQPSK	14x75	5k9	LINK 11 CLEW; DSB or ISB Mode long lasting from 12. - 19. may North of the Norwegian coast
7162.0	1819	03	05			F1B	75	250	often
7169.0	0811	08	05			F1B	75	200	
7169.1	0837	23	05			N0N			long lasting carrier
7172.0	1824	28	05			J7D	12x120	2k7	BPSK; CIS12
7179.0	1812	19	05			J7D	12x120	2k7	BPSK; CIS12 often
7180.0	1525	10	05	ERI		A3E		~ 9k	BC almost daily
7181.900	2137	20	05			N0N			long lasting carrier; strong
7197.0	2209	03	05	TUR	381018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2210	03	05	TUR	332018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2212	03	05	TUR	340013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2213	03	05	TUR	306013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2214	03	05	TUR	318013	MFSK8	125	1750	ALE, MIL 188-141A
7198.0	1654	16	05			J7D	12x120	2k7	BPSK; CIS12
7200.0	0935	28	05			J7D	12x120	2k7	BPSK; CIS12
14000.0 VFO USB	1528	15	05			G1D PSK8		2k7	MIL188-110A (D2) Hybrid with 6 tone preamble PSK4 75Bd, 450Hz spacing
14008.0	0857	02	05			F1B	50	167	only short sequences, every 15'
14050.0	0938	28	05			F1B	75	250	
14192.0	0915	02	05			F1B	50	200	almost daily
14221.0	2149	03	05			F1B	41.5	200	
14221.0	2045	09	05			F1B	50	200	often
14240.0	0804	08	05			F1B	50	250	
14240.0	0713	19	05			F1B	75	250	often
14242.0	0943	11	05			J7D	12x120	2k7	BPSK; CIS12
18080.0	0702	08	05			FMOP	25 sps	20k	OTHR
18080.0	0706	08	05	TWN CHN		A3E		~15k	BC; Chinese almost daily Sound of Hope + PRC
18085.0	0715	19	05			FMCW	50 sps	20k	OTHR
18085.0	0715	19	05			FMCW	50 sps	20k	OTHR
18090.0	1506	18	05			FMCW	25 sps	20k	OTHR
18150.0	0828	23	05			F1B	100	1000	harmonic of 9075khz
21135.0	0812	23	05			FMCW	25 sps	20k	OTHR
21190.0	0806	23	05			FMCW	50 sps	20k	OTHR
21438.0	0903	14	05	RUS	RCV	A1A			lettres + figures often
28860.0	0920	11	05			FMOP	150 + 313 sps	40k	OTHR, Bursts, various sweep-rates and durations (7.2 and 9.8s) often

Errors and omissions excepted

Digital transmissions: Frequency mostly center frequency; otherwise indicated.

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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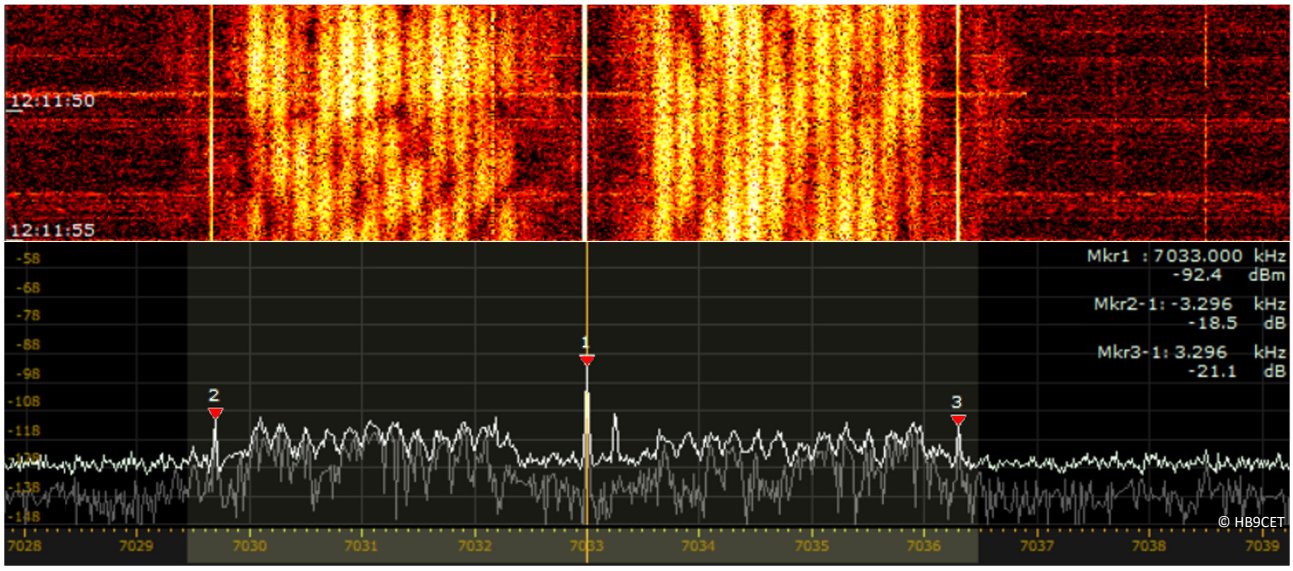
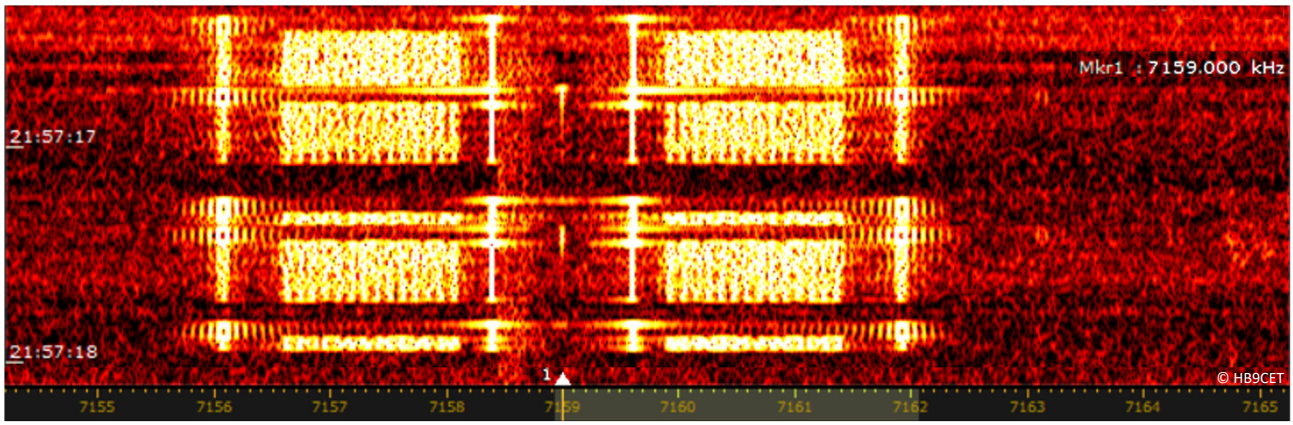
CIS 12 in DSB Mode



CIS 12 (auch MS5, FIRE, AT3004D); Variante in DSB Mode. Träger bei 7033.0 kHz (Marker 1); Modulation PSK2-A, 120 Baud, Ton spacing 200Hz, Pilotton 3300 Hz (hier bei 7029.7 kHz und 7036.3 kHz; Marker 2 und 3).

LINK 11 in DSB Mode



LINK 11 CLEW (auch Alligator, TADIL-A, MIL-188-203-1A) in DSB (oder ISB) Mode;
Center 7159.0 kHz, Modulation DQPSK 75 Baud, Ton spacing 110Hz.
Diese Station war vom 12. bis 20. Mai 2018 fast permanet aktiv (Militärische Manöver).