



## Monitoring Report October 2018

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
<b>80m band informational only! - Amateur co-primary, shared with other also primary allocated services!</b>									
3520.0	2018	23	10			J7D	12x120	2k7	BPSK; CIS12
3527.0	2145	22	10			F1B	50	200	almost daily
3538.0	2120	23	10			F1B	75	200	
3549.0 VFO USB	2126	23	10			G1D PSK8	2400	2k7	MIL 188-110A (D2) mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing align="right">often
3550.0	2226	29	10			B7D DQPSK	14x75	~ 6k	LINK 11 CLEW; DSB Mode align="right">often
3553.8	2246	09	10			G1D PSK8	2400	2k4	STANAG 4285 align="right">daily
3581.8	2243	09	10			G1D PSK8	2400	2k4	STANAG 4285 align="right">often
3588.0	2027	23	10			J7D	12x120	2k7	BPSK; CIS12
3590.0	2139	31	10			B7D DQPSK	14x75	~ 6k	LINK 11 CLEW; DSB Mode
3646.5	1334	30	10			J7D	12x120	2k7	BPSK; CIS12
3660.5	2133	22	10			B7D DQPSK	14x75	~ 6k	LINK 11 CLEW; DSB Mode align="right">often
3704.0	1331	30	10			J7D	12x120	2k7	QPSK; CIS12
3734.5	1659	21	10			OFDM60	37.5	~ 3k1	PSK4 mod; tone spacing 46.92Hz
3744.8	2201	13	10			G1D PSK8	2400	2k7	MIL 188-110A (D2) mod (Hybrid) preamble 4 tones, PSK4 75Bd 450Hz spacing align="right">often
3759.0	1329	30	10			J7D	12x120	2k7	BPSK; CIS12
3797.0	2023	23	10			B7D DQPSK	14x75	~ 6k	LINK 11 CLEW; DSB Mode align="right">often
6999.0	1352	30	10			J7D	12x120	2k7	BPSK; CIS12; partially in 40m band
7000.0	1448	23	10			J7D	12x120	2k7	BPSK; CIS12 sytem
7000.0	1504	23	10			J3E-U		~2k1	French
7001.0	1001	25	10			OFDM60	35.56	~2k9	PSK4 mod. Tone spacing 44.46Hz; pilot tone @ ~3k3Hz
7001.8	1136	11	10			G1D PSK8	2400	2k4	MIL 188-110B; Format 3200bps / ultrashort align="right">almost daily
7010.0	2152	22	10			MFSK8	125	1750	ALE, MIL 188-141A align="right">often
7013.0	1233	19	10			J7D	12x120	2k7	BPSK; CIS12
7013.0	2031	23	10			MFSK8	125	1750	ALE, MIL 188-141A
7015.875	1331	29	10			A1A			Dots only; stupid jammer; illegal!
7016.0	1132	29	10			F1B	75	250	jammed
7017.0	1408	31	10			J7D	12x120	2k7	BPSK; CIS12
7020.8	1002	09	10			A1A			DF TDoA: Southwest UK
7024.0	1403	31	10	RUS		F1B	75	250	DF TDoA: Greater Moscow Area
7049.0	1228	19	10			F1B	75	200	often
7055.0	0948	22	10			J3E-L			Music and Voice align="right">allmost daily
7061.0	0814	25	10			J7D	12x120	2k7	BPSK; CIS12
7103.0	2201	22	10			FMOP	10 sps	160k	OTHR
7110.0	1714	05	10			F1B	50	200	often



# USKA - Bandwacht

Member of IARU Monitoring System R1



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
7110.0	2034	22	10			B7D PSK8A	2400	~ 6k	MIL 188-110A (D2) mod (Hybrid), preamble 4 tones with PSK4 75Bd 450Hz spacing: <b>DSB Mode</b>
7111.8	2039	23	10			G1D PSK8A	2400	2k7	MIL 188-110A (D2) mod (Hybrid), preamble 4 tones with PSK4 75Bd 450Hz spacing
7114.0	2127	22	10			A1A			no ham traffic
7122.0	1724	05	10	RUS		F1B	100	250	often
7137.0	2255	25	10			F1B	50	200	
7140.0	2146	22	10			FMCW	66.66 sps	10k	OTHR; Bursts, BD 3.8s
7140.0	1456	23	10	ERI		A3E		~ 9k	BC style="text-align: right;">often
7151.0	0757	23	10			F1B	75	500	
7151.8	1129	17	10			G1D PSK8	2400	2k7	MIL 188-110A (D2) mod (Hybrid), preamble 4 tones, PSK4 75Bd 450Hz spacing
7179.0	1531	09	10			J7D	12x120	2k7	BPSK; CIS12
7180.0	1452	23	10	ERI		A3E		~ 9k	BC style="text-align: right;">almost daily
7186.0	2121	25	10			MFSK8	125	1750	ALE, MIL 188-141A
7190.0	1511	30	10	AUS		A3E		~10k	Reach Beyond Australia Kununurra Site
7197.0	1710	22	10	TUR	337013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1655	31	10	TUR	301013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1805	31	10	TUR	340013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1811	31	10	TUR	347013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1826	31	10	TUR	324013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1833	31	10	TUR	315018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1833	31	10	TUR	364013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1851	31	10	TUR	348013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1855	31	10	TUR	360013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1913	31	10	TUR	332013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1920	31	10	TUR	353013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2101	31	10	TUR	320013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2107	31	10	TUR	355013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2117	31	10	TUR	354013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	2129	31	10	TUR	370013	MFSK8	125	1750	ALE, MIL 188-141A
7198.0	1622	25	10			J7D	12x120	2k7	BPSK; CIS12
7200.0	1432	31	10			J7D	12x120	2k7	BPSK; CIS12; partially in 40m band
10110.0	1839	05	10	TUR	VOT	A3E			Intermodulation 9785 /9460 kHz Voice of Turkey: Emirler site
14008.0	0807	25	10			F1B	50	500	often
14120.0	0839	22	10			FMOP	10 sps	160k	OTHR
14150.0	0736	23	10			FMOP	10 sps	160k	OTHR
14171.0	0801	23	10			FMOP	10 sps	160k	OTHR
14191.9	0815	30	10			F1B	50	400	CIS 50-50: 400Hz!
14192.0	1051		10			F1B	50	200	almost daily
14220.0	1314	30	10			F1B	50	400	CIS 50-50: 400Hz!
14224.0	0824	18	10			FMOP	10 sps	160k	OTHR style="text-align: right;">often
14261.0	0721	23	10			OFDM60	30	~2k8	spacing 44.45Hz; pilottone @ 3300Hz
14325.0	0804	23	10			FMOP	10 sps	160k	OTHR
18079.0	0926	22	10			DQPSK	8x75	2k25	PRC 4+4; 2x4 tones PSK4; spacing 300 Hz, 450 Hz between the tones 4 and 5



# USKA - Bandwacht

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kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
18080.0	0753	25	10			A3E		~15k	BC; Chinese Sound of Hope almost daily
18107.0	1121 1128	11	10		RDL	F1B F1A	50	200	ID in F1A often CW encrypted; in groups of five
21129.0	0801	25	10			FMCW	50 sps	20k	OTHR

Errors and omissions excepted

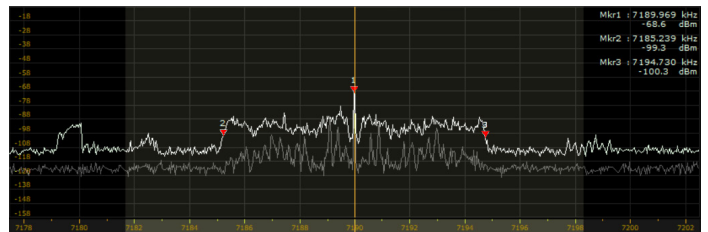
Digital transmissions: Frequency mostly center frequency; otherwise indicated.

**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  
**DF** = Direction finding (radio location) // **TDoA** Time difference of arrival

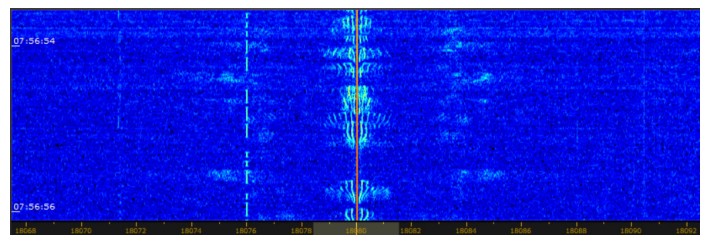
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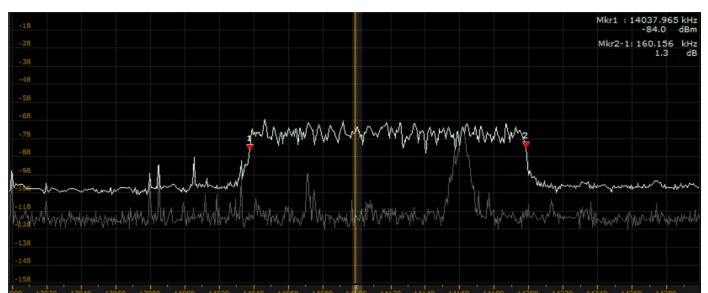
7190 kHz: Radio "Reach Beyond Australia"  
 A3E, BW ca 10kHz  
 QTH: Kununurra (N-Australien)  
 Nach diversen Interventionen direkt  
 beim Sender und der Australischen  
 Behörde ACMA nach einigen Tagen QSY



18080 kHz: Radio "Sound of Hope"  
 A3E  
 Trotz zahlreicher Interventionen seit  
 Jahren oft auf dieser Frequenz aktiv.



14120 kHz:  
 (+ div. QRG) OTHR (Überhorizont Radar)  
 FMOP 10 sweeps/s  
 BW: 160 kHz!  
 Oft und auf verschiedenen Frequenzen  
 und Bändern anzutreffen.



Alle Screenshots ab Perseus SDR; © HB9CET