



## Monitoring Report December 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>									
3525.0	2024	04	12			2 x DQPSK	14x75	~6k1	LINK 11 CLEW; DSB or ISB Mode
3527.0	2252	01	12			F1B	50	200	almost daily
3532.0	2124	17	12			DQPSK	14x75	~2k7k	LINK 11 CLEW
3548.0	1615	01	12	RUS	RTL	F1B	50	200	often
3550.0	1621	01	12			J7D	12x120	2k7	BPSK; CIS12 often
3553.8	1618	01	12			G1D PSK8	2400	2k4	STANAG 4285 Frame format 600bps/long almost daily
3559.0	1619	01	12			DQPSK	14x75	2k7	LINK 11 in ESB Mode
3563.0	2320	09	12			J7D	12x120	2k7	BPSK; CIS12
3588.0	2129	17	12			J7D	12x120	2k7	BPSK; CIS12
3608.0	2250	01	12			F1B	50	200	often
3653.0	1535	18	12			F1B	50	200	often
3660.5	2038	04	12			B7D DQPSK	14x75	~6k1	LINK 11 CLEW; DSB Mode often
3702.0	1724	01	12			F1B	75	200	
3732.0	2324	09	12			F1B	75	200	
3744.8	1633	01	12			G1D PSK8	2400	2k7	MIL 188-110A D2 mod (Hybrid); preamble 4 tones, PSK4 75Bd 450Hz spacing often
3767.0	2134	17	12			J7D	12x120	2k7	BPSK; CIS12 (idling)
3790.0	1628	01	12			J7D	12x120	2k7	BPSK; CIS12
3792.0	1629 1631	01 01	12			F1B	36 50	200	CIS36-50 often
3797.0	2327	09	12			F1B	75	250	often
7000.0	2021	04	12			J3E-U		2k3	Spanish (Fishery)
7000.0	1704	08	12			A3E			Asian language (weak)
7003.5	2203	20	12			304HF1B	200	100	Pactor 1; calling TSABIT often
7003.5	2206	20	12			304HF1B	200	100	Pactor 1; calling AOULEF often
7003.5	2211	20	12			304HF1B	200	100	Pactor 1; calling ZKOUNTA often
7003.5	vt	21	12			304HF1B	200	100	Pactor 1; encrypted connect often
7003.5	1352	21	12			304HF1B	200	100	Pactor 1; calling TIMIMOUN often
7003.5	1456	21	12			304HF1B	200	100	Pactor 1; calling BBM often
7008.0	0859	19	12			F1B	75	250	almost daily
7010.0	1742	12	12		920018	MFSK8	125	1750	ALE, MIL 188-141A
7010.0	1743	12	12		920001	MFSK8	125	1750	ALE, MIL 188-141A
7014.0	1531	19	12			J7D	12x120	2k7	BPSK; CIS12 (idling)
7020.0	vt	vd	12			MFSK8	125	1750	ALE, MIL 188-141A often
7045.0	1756	10	12		920009	MFSK8	125	1750	ALE, MIL 188-141A
7045.0	1806	10	12		2006	MFSK8	125	1750	ALE, MIL 188-141A
7045.0	1848	10	12		2001	MFSK8	125	1750	ALE, MIL 188-141A
7045.0	1932	10	12		920018	MFSK8	125	1750	ALE, MIL 188-141A
7045.0	2101	10	12		920001	MFSK8	125	1750	ALE, MIL 188-141A
7070.0	2140	04	12		288	MFSK8	125	1750	ALE, MIL 188-141A, To 514; often
7070.0	1601	06	12			J3E-U		2k1	French (no ham content; fishery?)
7070.0	1048	10	12			J3E-U		2k1	Spanish; fishery
7072.0	1752	14	12			J7D	12x120	2k7	QPSK; CIS12



# USKA - Bandwacht

Member of IARU Monitoring System R1



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
7073.0	0919	14	12			J7D	12x120	2k7	CIS12 idling (13 carriers)
7089.0	0954	14	12			J7D	12x120	2k7	BPSK; CIS12
7116.0	0921	14	12			F1B	75	200	
7120.0	1613	01	12	SOM		A3E		~7k	BC; Radio Hargaysa almost daily
7127.9	0724	14	12			OFDM		~3k1	
7134.0	1639	19	12		ECXPH	MFSK8	125	1750	ALE, MIL 188-141A (weak)
7140.0	1609	01	12	ERI	VOBM	A3E		~ 9k	BC almost daily
7159.0	0917	10	12			F1B	75	200	
7168.0	0930	13	12			F1B	50	200	
7169.0	0749	07	12			F1B	75	200	often
7180.0	1606	01	12	ERI	VOBM	A3E		~ 9k	BC almost daily
7193.0	0828 0830	07 07	12 12	RUS	RDL	F1A F1B	36+ 50	200	CIS 36-50 almost daily ID + short encrypted msg in CW F1A
7197.0	1841	01	12	TUR	351013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1844	01	12	TUR	323018	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1845	01	12	TUR	303013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1845	01	12	TUR	340013	MFSK8	125	1750	ALE, MIL 188-141A
7197.0	1846	01	12	TUR	341013	MFSK8	125	1750	ALE, MIL 188-141A
7198.0	1033	10	12			J7D	12x120	2k7	BPSK; CIS12 often
7200.0	1252	11	12			FMCW	50 sps	7k	strong; QRT 1259z
7200.0	1308	11	12			FMCW	20 sps	7k	strong; QRT 1310z
10130.0	1108	24	12			F1B	50	500	daily
14000.0	1003	02	12			NON			Long lasting carrier often
14348.0	0951	02	12			FMOP	50 sps	10k	OTHR; Bursts; BD 5s; BRI 50s
18160.0	1339	21	12			FMCW	50 sps	20k	OTHR (strong)

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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*Frohes Neues Jahr, Bonne Année,  
 Buon Anno Nuovo, Happy New Year*