



## Monitoring Report: October 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									
3524.0	2149	10	10			F1B	75	250	daily
3525.0 (Center)	2224	02	10			DQPSK	14x75	5k9	LINK 11 CLEW; almost daily (STANAG 5511): ISB Mode
3541.0	2154	10	10			F1B	75	150	almost daily
3544.0	2117	25	10			F1B	75	250	
3548.0	2156	10	10			F1B	50	200	almost daily
3548.0	2208	22	10			F1B	75	250	often
3548.0 VFO USB	2159	10	10			J7D	12x120	2k7	BPSK; CIS12
3549.0 VFO USB	2122	25	10			PSK8	2400	~2k7	MIL188-110A (Hybrid), preamble 4 tones, 450Hz spacing often
3552.0	2153	05	10			F1B	50	200	often
3553.8	2227	02	10			G1D	2400	~2k4	Stanag 4285; PSK8 almost daily
3568.0	2149	05	10			F1B	50	250	often
3586.0	2214	10	10			F1B	75	250	often
3604.0 VFO USB	2300	22	10			DQPSK	14x75	2k5	LINK 11 CLEW; almost daily (STANAG 5511) SSB or ISB mode
3604.0 VFO LSB	2300	22	10			DQPSK	14x75	2k5	LINK 11 CLEW; SSB, maybe ISB mode but signal strenght extremly different to the upper sideband
3640.0	2155	05	10			F1B	75	250	
3658.0	2231	02	10		V	A1A			Beacon V
3710.0 VFO USB	2216	06	10			G1D	2400	~2k4	Stanag 4285; PSK8
3738.0	2301	22	10			F1B	75	250	often
3744.5	2142	12	10			J7D	12x120	2k7	BPSK; CIS12
3745.0	2219	10	10			J7D	12x120	2k7	BPSK; CIS12
3762.0	2219	06	10			J7D	12x120	2k7	BPSK; CIS12
6998.0	2159	05	10			H3E-U Bursts		~3k6	"Buzzer" up to ≥7001.5kHz daily
7000.0	0943	05	10			PSK8	2400	~2k4	MIL188-110A; short bursts only
7020.0	2154	06	10			F1B	75	250	often
7050.0	2104	12	10			MFSK8	125	1750	MIL 188-141A
7090.0	2123	18	10			OTHR	50 sps	~13k	OTHR; occup. BW appx 30k Contayner 29B6
7091.486	2219	02	10	KAZ	V	A1A			Beacon V; with some spurious. daily
7114.0	1528	05	10			J7D	12x120	2k7	BPSK; CIS12
7120.0	1534	05	10	SOM		A3E		10k	Radio Hargaysa almost daily
7123.88	2201	06	10			F1B	75	500	
7145.0	1538	05	10			Noise		>20k	Jammer
7146.557	1538	05	10	ERI	VOBM	A3E		10k	BC, jammed
7174.989	1531	05	10	ERI	VOBM	A3E		10k	BC; voice of the broad masses
7175.0	1531	05	10			Noise		>20k	Jammer
7178.0	2128	15	10			OTHR	50 sps	~13k	OTHR; occup. BW appx 30k Contayner 29B6
7184.992	1637	12	10	ERI	VOBM	A3E		10k	BC; voice of the broad masses
7185.0	1637	12	10			Noise		>20k	Jammer
7200.0	1522	05	10			A3E		~10k	BC, lower sideband down to 7195
14008.0	0915	05	10			F1B	50	500	
14026.0	0921	05	10			J7D	12x120	2k7	BPSK; CIS12
14111.0	1105	04	10			FMOP	10 sps	~10k	OTHR; only short period



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14114.0	0931	16	10			OTHR	50 sps	~13k	OTHR; occup. BW appx 30k Contayner 29B6
14116.0	1352	10	10			F1B	75	250	
14132.0	1332	10	10			F1B	75	250	
14180.0	1257	03	10		RDL	F1A		200	Letters and figures often
14180.0	1258	03	10		RDL	F1B	36 50	200	CIS 36-50 almost daily
14192.0	1302	03	10			F1B	50	200	
14201.8	1112	04	10			BPSK	16x75	2k2	Burst system; 16 tones, 2 Pilottones when idling short dots every 0.725s
14240.0	0739	12	10			F1B	75	250	
14280.0	0734	12	10			F1B	75	250	
18080.0	0718	12	10	TWN	SOH	A3E		appx 9k	BC: Sound of Hope almost daily often jammed
18107.0	1010	03	10		RDL	F1B	36 50	200	CIS 36-50
18107.0	1020	03	10		RDL	F1A		200	CIS 36-50; letters and figures
29249.90	1253	17	10			F1B	81.92	140	Datawell buoy; Canary Isl
29449.85	1238	17	10			F1B	81.92	140	Datawell buoy; El Ajún

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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## Broadcasting Stations back on 40m

Since a few weeks, we almost daily found several broadcasting stations in the 40m band. Some of them often jammed by a 10 to ≥ 20kHz wide jammer.

**Screenshot with a remote Perseus SDR →**

Marker

- ① 7120 kHz Radio Hargaysa (Somalia)
- ② 7145 kHz Voice of Broad Masses (Eritrea)
- ③ 7175 kHz Voice of Broad Masses (Eritrea)

VOBM often uses also 7185 kHz

Swiss OFCOM has been informed

