



## Monitoring Report March 2019

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	2231	27	03			B7D DQPSK	14x75	~6k1	LINK 11 DSB or ISB Mode often
3527.0	2309	18	03			F1B	50	200	almost daily
3527.0	2234	27	03	RUS	RTL	F1B	50	200	
3549.0 VFO USB	2304	18	03			G1D PSK8	2400	2k7	MIL 188-110A (D2) mod (Hybrid) preamble 4 tones, PSK4 75Bd 450Hz spacing almost daily
3553.8	2238	27	03			G1D PSK8	2400	2k4	STANAG 4285 almost daily
3608.0	2258	18	03			F1B	50	200	often
3610.0	2255	18	03			B7D DQPSK	14x75	~6k1	LINK 11 CLEW; DSB Mode often
6940.0	1746	07	03			FMOP	10 sps	160k	OTHR 10 sweeps/s; long lasting 6860 - 7020 kHz wide, partially in 40m band
7000.0	0958	22				J3E-U		2k1	Italian
7010.0	1642	14	03			J3E-L		2k1	Voice, sounds Asian (Indonesian Village radio ?)
7012.0	0823	21	03			J7D	12x120	2k7	BPSK; CIS12
7026.0	1316	26	03			J7D	12x120	2k7	BPSK; CIS12
7061.0	26	03	03			PSK8A	2400	2k7	MIL 188-110B
7073.0	2251	11	03			FMOP	10 sps	160k	OTHR 10 sweeps/s; long lasting 6992 - 7152 kHz wide, partially in 40m band
7100.0 VFO USB	2338	31	03			G1D PSK8A	2400	2k7	STANAG 4285; QTH assumed from South Atlantic (Ascension Isl)
7114.0	0806	29	03			J7D	12x120	2k7	BPSK; CIS12
7140.0	1646	15	03	ERI	VOBM	A3E		~ 9k	BC almost daily
7144.0	1249	21	03			J7D	12x120	2k7	BPSK; CIS12 often
7178.5	1504	19	03			A1A			no Ham
7180.0	1743	07	03	ERI	VOBM	A3E		~ 9k	BC almost daily
7198.0	0809	07	03			J7D	12x120	2k7	BPSK; CIS12 often
10130.0	1200	27	03			F1B	50	500	legal often
14008.0	1028	04	03			F1B	50	250	
14047.0	0834	14	03			FMOP	66.66 sps	10k	OTHR; Bursts, BD appx 2s
14119.0	0659	05	03			FMOP	10 sps	40k	OTHR; (long lasting)
14142.0	1234	25	03			FMOP	40 sps	appx 13k	OTHR; (long lasting) almost daily
14162.0	1154	27	03			FMOP	40 sps	appx 13k	OTHR; (long lasting)
14180.0	1225	25	03			FMOP	10 sps	appx 10k	OTHR; (long lasting)
14182.0	1235	20	03			FMOP	40 sps	appx 13k	OTHR; (long lasting)
14228.0	0910	06	03			FMOP	40 sps	appx 13k	OTHR; (long lasting) often
14242.0	0750	12	03			J7D	12x120	2k7	BPSK; CIS12
14250.0	0927	01	03			FMOP	10 sps	40k	OTHR; (long lasting)
14253.0	0946	22	03			F1B	75	250	almost daily
14255.0	0940	22	03			J7D	12x120	2k7	BPSK; CIS12
14261.0	0933	26	03			OFDM60	29.63	~ 2.667k	PSK4; spacing 44.45Hz; pilottone



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
14303.0	1321	20	03			FMOP	40 sps	appx 13k	OTHR; (long lasting)
14306.0	0842	18	03			J7D	12x120	2k7	BPSK; CIS12
14315.0	0705	25	03			FMOP	10 sps	40k	OTHR; (long lasting)
14322.0	0735	12	03			FMOP	10 sps	40k	OTHR; (long lasting) often
14326.0	1249	22	03			FMOP	10 sps	40k	OTHR; (long lasting)
14332.0	0906	06	03			FMOP	40 sps	appx 13k	OTHR; (long lasting) almost daily
14332.0	0829	22	03			FMOP	10 sps	40k	OTHR; (long lasting)
14333.0	1004	28	03			FMOP	40 sps	appx 13k	OTHR; (long lasting)
14334.0	0941	26	03			FMOP	40 sps	appx 13k	OTHR; (long lasting)
18060.0	1033	04	03			FMCW	50 sps	20k	OTHR (long lasting) partially in 17m Band!
18107.0	1022	01	03		RDL	F1B	36/50	200	CIS 36-50 often

Errors and omissions excepted

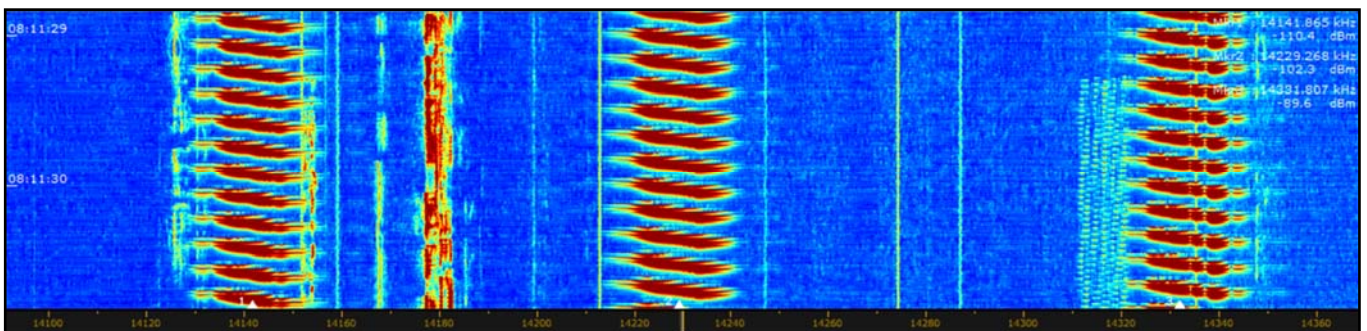
Digital transmissions: Frequency mostly center frequency; otherwise indicated.

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

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

**USKA Radio Monitoring**  
[www.uska.ch](http://www.uska.ch)  
**Member of IARU Monitoring System**  
[www.iaru.org/monitoring-system/](http://www.iaru.org/monitoring-system/)  
[www.iarums-r1.org/](http://www.iarums-r1.org/)

## Auch im März sehr viele Überhorizontradare OTHR



Hier sind gleichzeitig vier OTHR im 20m Band aktiv! Zwei Systeme um 14310 bis 14345 kHz überlappen sich teilweise! Screenshot mit Perseus SDR.

Kürzlich wurde berichtet, dass in naher Zukunft etliche weitere OTH-Radarstationen (Typ Contayner 29B6 und Podsolnukh-Sunflower Küstenradar) im russischen Fernen Osten, in Zentralsibirien im Baltikum etc. aufgebaut werden sollen. Teilweise ist von bis zu 10 Systemen die Rede. (Quelle: rt.com, Mikhail Khodarenok) uam.