



## Monitoring Report July 2020

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD / sps	SH / BW	DETAILS
<b>80m band informational only! - Amateur co-primary, shared with other also primary allocated services!</b>									
3510.0 USB	2124	28	07			?		ca 3k0E	unid Chirp sound, long lasting, daily
3527.0	2144	24	07			F1B	50	200H	almost daily
7014.5	0803	13	07			F1B	XX	500H	
7020.0 VFO USB	1002	29	07			J7D	12x120Bd	2k70E	CIS12; with additional carrier at 7020 kHz
7025.0	1449	29				F1B	50	200H	
7038.0	2232	07	07			J3E-U			sounds like Village radio, no ham
7039.4	2135	24	07	RUS	M	A1A			Cluster Beacon "M": Magadan daily
7054.0	1446	22	07			F1B	50	200H	weak and strong fading
7055.0	1838 2120	14 15	07			J3E-L		2k70E	Russian-Ukraininen Radio war mutual insults, hate-raps, music daily
7058.0	1446	29	07			F1B	75	250H	
7059.9	1018	22	07			NON			long lasting carrier
7060.0	1422	09	07			J3E-L		2k70E	Russian-Ukraininen Radio war mutual insults, hate-raps, music often
7060.0	1349	21	07			J7D	12x120Bd	2k70E	CIS12; PSK
7061.0 LSB	1845	10	07			PSK-4	30x60Bd	ca 2k50E	CHN30 (PRC30); Burst system; tone spacing 75 Hz; Preamble 4x PSK4 60Bd, spacing 600Hz; Pilot tone at 450Hz
7068.0	1148	23	07			J7D	12x120Bd	2k70E	CIS12; PSK
7087.0	2100	07	07			OFDM xx	XX	2k80E	OFDM with pilot tone at 3300Hz
7088.0	0621	07	07			F1B	75	250H	
7101.0	1349	22	07			J7D	12x120 Bd	2k70E	CIS12; PSK
7111.0 LSB	1303	21	07			PSK-4	30x60Bd	ca 2k50E	CHN30 (PRC30); Burst system; tone spacing 75 Hz; Preamble 4x PSK4 60Bd, spacing 600Hz; Pilot tone at 450Hz
7118.0	0732 1234	13 28	07			J7D	12x120Bd	2k70E	CIS12; PSK often
7138.0	0712	13	07			F1B		200	
7140.0	1826	14	07	ERI	VOBM1	A3E		ca 9k	BC: Voice of the broad Masses 1 daily
7158.0	0748	13	07			F1B		250	
7160.0	0711	15	07			J7D	idling	2k70E	CIS12, idling
7180.0	1829	14	07	ERI	VOBM2	A3E		~ 9k	BC: Voice of the broad Masses 2 often
7188.0	2249	14	07			FMOP	40 sps	12k0E	OTHR; Contayner
7197.0	2223	12	07	TUR	various	MFSK8	8x125	1750	ALE, MIL 188-141A; TUR Emergency Network daily
14000.0	1454 1410 1455	17 20 30	07	CHN?		A3E			BC; sounds like Chinese language; maybe intermodulation from 13855 and 13710 kHz ?
14008.0	0811	26	07			F1B	50	250H	often
14066.3	1506	09	07			PSK4	8x75 Bd		CHN 4+4 QPSK 75Bd, tone spacing between carriers 300Hz; between tone 4 and 5 = 450Hz
14102.0	0821	14	07			OFDM60	XX	2k80E	Pilot tone at 3300Hz
14143.0	2301	27	07			FMOP	40 sps	12k0E	OTHR; Contayner
14145.0	1443	15	07			FMOP	40 sps	12k0E	OTHR; Contayner
14155.0	1157	28	07			FMOP	40 sps	12k0E	OTHR; Contayner
14161.0	1357	21	07			FMOP	40 sps	12k0E	OTHR; Contayner



# USKA - Bandwacht

Member of IARU Monitoring System R1



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD / sps	SH / BW	DETAILS
14171.0	0730	27	07			J7D	12x120 Bd	2k70E	CIS12; PSK
14177.0	0849	14	07			FMOP	40 sps	12k0E	OTHR; Contayner
14185.0	1316	21	07			FMOP	40 sps	12k0E	OTHR; Contayner
14186.0	2059	04	07			F1B	XX	500H	
14191.0	0635	25	07			FMOP	40 sps	12k0E	OTHR; Contayner often
14221.0	2047 2321	12 27	07			F1B	50	200	CIS almost daily
14223.0	1348	28	07			FMOP	40 sps	12k0E	OTHR; Contayner
14241.5	0945	17	07			J7D	12x120 Bd	2k70E	CIS12; PSK
14258.0	0813	04	07			F1B	50	500H	TDoA near Moscow
14261.0	1427	15	07			FMOP	40 sps	12k0E	OTHR; Contayner
14292.0	0639	17	07			F1B	XX	500H	strong
14298.0	0719	09	07			FMOP	40 sps	12k0E	OTHR; Contayner
14300.0	1448	08	07			FMOP	40 sps	12k0E	OTHR; Contayner
18075.0	0656	25	07			FMCW	50 sps	20k0E	OTHR, partially in 17m Band
18080.0	0739	13	07	TWN	Sound of Hope	A3E		ca 12k	BC; Chinese language often
21015.0	0819	27	07			FMCW	50 sps	20k0E	OTHR; TDoA Area of Cyprus (UK base)
21050.0	0803	25	07			FMCW	50 sps	20k0E	OTHR; TDoA Area of Cyprus (UK base)
21065.0	1502	26	07			FMOP	40 sps	12k0E	OTHR; Contayner
21438.0	0854	09	07		RCV	A1A			TDoA: Area of Sevastopol daily
28020.36	0915	16	07		MN	NON/A1A			Driftnet Fishery buoy
28051.00	0913	16	07		EH	NON/A1A			Driftnet Fishery buoy
28111.57	1416	09	07		BN	NON/A1A			Driftnet Fishery buoy
28114.55	0954	16	07		EE	NON/A1A			Driftnet Fishery buoy
28119.39	0917	16	07		FE	NON/A1A			Driftnet Fishery buoy
28139.72	1409	09	07		AC	NON/A1A			Driftnet Fishery buoy
28144.69	1526	09	07		CA	NON/A1A			Driftnet Fishery buoy
28149.9	1414	09	07		FA	NON/A1A			Driftnet Fishery buoy
28285.0	1419	09	07			J3E-L			Italian; no ham, sounds like phone talk
28299.28	1535	22	07		HA	NON/A1A			Fishery buoy
28860.0	0934	09	07	IRN		AMOP?	150 + 313 sps	ca 45k	OTHR, Bursts; long lasting, sweep rate alternating almost daily

Errors and omissions excepted

**Digital transmissions:** Frequency mostly center frequency (CF); otherwise indicated (LSB or USB).

**Abbreviations:**

**aka** = also known as | **BC** = Broadcast | **BD** = Baud, or also Burst duration | **BRI** = Burst repetition interval | **BW** = Bandwidth | **ca** = approximate | **CF** = Center frequency | **DF** = Direction finding (radio location) see also TDoA | **FMCW** = frequency modulated continuous wave | **FMOP** = frequency modulated on pulse | **OTHR** = over the horizon radar | **PRC** = **CHN** People's Republic of China | **RF** = Radio frequency = VFO | **SH** = Shift (Hz) | **sps** = sweeps per second | **TDoA** Time difference of arrival | **ui** = unid = unidentified | **vd** = various dates | **vt** = various times.

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Due to unforeseen reasons, detailed analyzes are currently not possible