



Monitoring Report September 2020

kHz	UTC	DD	MM	ITU	IDENT	MODE	BD / sps	SH / BW	DETAILS
3525.0	1138	23	09			B7D	75 Bd	ca 6k0E	LINK 11 CLEW, DSB/ISB mode; often Legal, shared band
7005.0	1719	01	09			J3E-L		ca 2k30E	Asian language, maybe Village Radio
7008.0	0916	16	09			J7D	12x120 Bd	2k70E	CIS12, BPSK or QPSK
7016.0	1337	07	09			F1B		200H	
7019.0	0833	11	09			F1B		200H	
7019.0	0836	11	09			F1A		200H	long lasting FSK-CW emission
7021.0	0901	08	09			J7D	12x120 Bd	2k70E	CIS12; BPSK or QPSK
7025.0	2153	17	09			FMOP	66.66 sps	10k0E	OTHR; Burstsystm, BD 3.8s: Foghorn
7029.0	1715	01	09			FMOP	40 sps	12k0E	OTHR; Contayner
7029.0	0907	08	09			F1B	75 Bd	200H	long lasting, since many days
7047.0	0921	16	09			F1B		500H	strong
7054.0	1612	01	09			F1B	50 Bd	ca 185H	weak and fading; strong via JA
7060.0	2047	30	09			FMOP	40 sps	12k0E	OTHR; Contayner
7066.0	0827	07	09			F1B		200H	often
7066.0	0831	07	09			F1A		200H	FSK-CW; encrypted
7080.0	1953	08	09			F1B		200H	often
7080.0	1955	08	09			F1A		200H	FSK-CW; encrypted
7080.0	1715	28	09			F1B	50	200H	often
7102.0	1259	15	09			J7D		ca 2k70E	CIS12 idling
7108.0	1106	10	09			J7D	12x120 Bd	2k70E	CIS12 idling (BPSK or QPSK) often
7108.0	2120	17	09			FMOP	50 sps	ca 10k0E	OTHR
7112.0	1732	01	09			FMxx		30k0	Radar; Codar like
7115.0	22191	18	09			FMOP	40 sps	12k0E	OTHR; Contayner
7122.0	1431	09	09		RDL	F1B		200H	somtimes F1A-FSK-CW; often
7128.0	2018	21	09			FMOP	66.66 sps	10k0E	OTHR, "Foghorn"
7133.0	2041	30	09			FMOP	40 sps	12k0E	OTHR; Contayner
7134.0	2012	31	09			F1B	50 Bd	200H	
7137.0	1601 2103	07 11	09			F1B	50 Bd	200H	often
7137.0	2309	17	09			MPSK	75 Bd	ca 2k50E	CHN 4+4: 2 groups of 4 tones QPSK with 300 Hz spacing, with a 450 Hz gap in the center.
7138.0	0837 1601	01 07	09			F1B	50 Bd	200H	almost daily
7140.0	1451	02	09	ERI	VOBM	A3E		ca 9k0E	BC: Voice of the broad Masses 1 daily
7174.0	2052	11	09			FMOP	41 sps	10k0E	OTHR
7176.0	2055	11	09			FMOP	50 sps	10k0E	OTHR
7186.0	0756	22	09			13 tones + 1 carrier		2k70E	CIS 12: carrier at 7184, 12 unmodulated tones 200Hz spacing, pilottone at 3300Hz
7188.0	2231	18	09			FMOP	40 sps	12k0E	OTH Radar: Contayner; up to -30dBm!
7189.0	1653	30	09			G1D	2400Bd	2k70E	PSK8: MIL 188-110B
7196.0	1647	15	09			FMOP	40 sps	12k0E	OTHR; Contayner
7197.0	vt	vd	09	TUR	various	MFSK8	125 Bd	1750	ALE, MIL 188-141A; daily TUR Emergency Network legal?
7198.0	1512	17	09			J7D	12x120Bd	2k70E	CIS12; near Moscow
14101.0	0837	14	09			FMOP	25 sps	50k0E	OTHR
14102.0	0831	22	09			W7D	29.6 Bd	2k80E	OFDM 60; with pilottone
14112.0	0905	25	09			FMOP	40 sps	12k0E	OTHR; Contayner



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14140.0	1432	24	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14144.0	1442	19	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14169.0	0851	25	09			FMOP	50 sps	10k0E	OTHR	
14183.0	1332	20	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14184.0	1331	21	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14187.0	1011	14	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14193.0	0807	22	09			FMOP	50 sps	10k0E	OTHR	
14194.0	0943	01	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14203.0	1406	24	09			FMOP	66.66 sps	10k0E	OTHR; "Foghorn"	
14204.0	0731	01	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14242.0	1019	29	09			J7D	12x120 Bd	2k70E	CIS12; BPSK or QPSK	
14245.0	0911	22	09			FMOP	66.66 sps	10k0E	OTHR; "Foghorn"	
14294.0	0821	21	09			J7D	12x120 Bd	2k70E	CIS12; BPSK or QPSK	
14296.0	0847	25	09			FMOP	50 sps	10k0E	OTHR	
14302.0	0901	17	09			W7D	2k80E	2k80E	OFDM 60; pilottone	
14317.0	1019	15	09			FMOP	66.66 sps	ca 10k0E	OTHR, type "Foghorn"	
14317.0	0855	23	09			FMOP	50 sps	ca 10k0E	OTHR	
14333.0	1427	09	09			FMOP	40 sps	12k0E	OTHR; Contayner	
14337.0	0900	25	09			FMOP	40 sps	12k0E	OTHR; Contayner	
18080.0	0747	10	09	TWN	Sound of Hope	A3E		ca 12k	BC; Chinese language	often
18107.0	0901	07	09	RUS	RDL	F1B	36-50	200H	CIS 36-50	often

Errors and omissions excepted

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

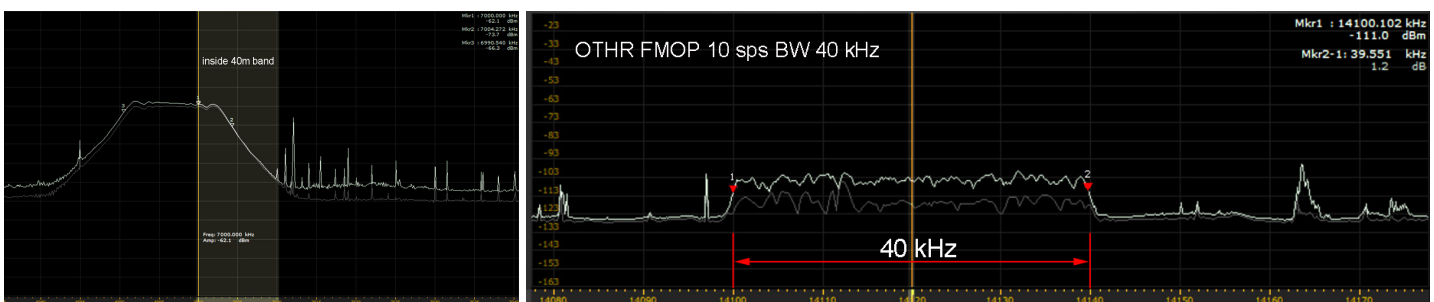
Abbreviations:

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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OTH Radar Systeme sind seit langem wohl die grösste Plage in den Amateurfunk Bändern



OTHR Radar Contayner, teilweise im 40m Band

OTHR Radar: FMOP 10 sps (pps), Bandbreite 40 kHz; Center QRG: 14120 kHz