



## Monitoring Report June 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>									
3519.5	2233	26	06			F1B	50	200	
3524.0	2127	17	06			F1B	75	250	
3525.0	2207	13	06			B7D	14x75	5k9	LINK 11 CLEW; DSB Mode almost daily
LSB+USB	2138	25			DQPSK				
3527.0	2210	13	06			F1B	50	250	almost daily
3550.8	2106	04	06			G1D	2400	2k7	MIL 188-110A mod (Hybrid), preamble 4 tones, PSK4 75Bd, 450Hz spacing
					PSK8				
3553.8	2105	04	06			G1D	2400	2k4	STANAG 4285 daily
					PSK8				
3560.0	2011	12	06			J3E-U		2k4	Spanish, probably fishery
3568.0	2143	25	06			F1B	50	250	
3568.0	2229	26	06			J7D	12x120	2k7	BPSK; CIS12
3578.0	2226	26	06			F1B	50	250	
3597.0	2146	25	06			J7D	12x120	2k7	BPSK; CIS12
3610.0	2224	26	06			J7D	12x120	2k7	BPSK; CIS12
3666.0	2153	05	06			J7D	12x120	2k7	BPSK; CIS12
3691.0	2155	05	06	RUS		F1B	75	200	Region of Kaliningrad
3738.5	2219	26	06			F1B	75	200	
3759.0	2021	12	06			J7D	12x120	2k7	BPSK; CIS12 often
5354.0	2119	05	06			B7D	14x75	5k9	LINK 11 CLEW; DSB Mode often
LSB+USB					DQPSK				
5354.0	2004	12	06			DQPSK	14x75	2k7	LINK 11 CLEW; ESB Mode often
7008.0	0918	13	06	RUS		F1B	75	250	
7008.5	0929	20	06			J7D	12x120	2k7	CIS12
7009.0	2049	04	06			J7D	12x120	2k7	BPSK; CIS12
7010.0	2234	14	06		920018	MFSK8	125	1750	ALE, MIL 188-141A often
7018.0	1215	04	06	RUS		F1B	75	200	Region of Kaliningrad
7020.0	1338	17	06	RUS		F1B	75	200	
7031.0	2131	05	06			J7D	12x120	2k7	BPSK; CIS12
7035.0	2126	05	06			J7D	12x120	2k7	BPSK; CIS12
7055.0	2054	04	06			J3E-L			Music and Voice (Russian) often
7058.0	1201	06	06			F1B	75	200	
7088.0	0844	27	06			F1B	75	200	
7118.0	1217	04	06			J7D	12x120	2k7	BPSK; CIS12
7120.0	1837	07	06			J7D	12x120	2k7	BPSK; CIS12 (idling)
7140.0	1617	13	06	ERI		A3E		~ 9k	BC often
7140.0	2201	13	06			J7D	12x120	2k7	BPSK; CIS12
7159.0	1355	25	06			DQPSK	14x75	2k7	LINK 11 CLEW ESB Mode
7159.0	2209	26	06			B7D	14x75	5k9	LINK 11 CLEW DSB Mode
LSB +USB					DQPSK				
7164.0	1233	25	06			J7D	12x120	2k7	BPSK; CIS12
7177.0	0929	13	06			FMOP	appx 3 sps	30k	OTHR
7179.0	2031	06	06			J7D	12x120	2k7	BPSK; CIS12 often
7180.0	1610	13	06	ERI		A3E		~ 9k	BC almost daily
7200.0	1409	12	06	BRM		A3E		10k	BC: Myanma Radio: down to 7195 kHz !
14008.0	0756	25	06			F1B	50	250	



kHz	UTC	DD	MM	ITU	IDENT	MODE	BD	SH (BW)	DETAILS
14116.0	1806	29	06			F1B	75	250	
14192.0	1224	04	06			F1B	50	200	almost daily
14221.0	2031	12	06			F1B	50	200	CIS 50-50 often
14221.0	1006	28	06			F1B	75	200	
14223.5	0638	26	06			F1B	600	600	ARQ
14331.0	1330	15	06			F1B	600	600	ARQ
18080.0	0753	25	06	TWN		A3E		~10k	BC; Sound of Hope; almost daily
18118.0	1955	12	06			A0			dots only, every 1 sec
18150.0	0749	25	06			F1B	100	1000	harmonic of 9075khz
18168.0	2001	12	06			A0			dots only, every 1 sec

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

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/)

## Unerwünschter "Gast" auf 40m

Kürzlich "beglückte" uns im 40m Band während einigen Tagen rund um die Uhr ein FSK Signal mit 75 Baud, 850Hz Shift. Die Analyse ergab rasch, dass es sich um ein STANAG 4481 FSK mit KG84 Verschlüsselung handelte, ein NATO Standard der typischerweise für NAVY Kommunikation "shore-to-ship" Anwendung findet. Herkunft: SW-Ecke England

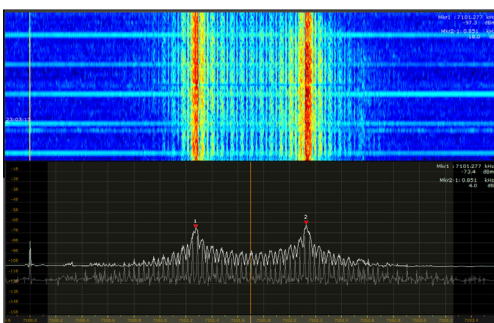


Bild 1: Screenshot mit Perseus SDR  
 Center QRG: 7107.7 kHz

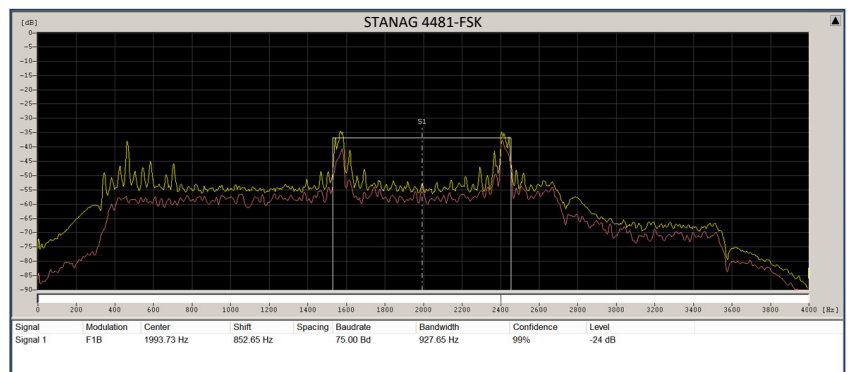


Bild 2: Analyse mit W-Code  
 FSK 75 Baud 850Hz  
 STANAG 4481 FSK - KG-84 encrypted

In Zürich war das Signal meistens um -70dBm, oder stärker.  
 XQ6FOD meldete die Station mit -85dBm aus dem Süden Chiles!