



# Monitoring System

Observe the screenshots, comments and credits below!

Intruder News from: **July 25<sup>th</sup> 2011** – Persistent: black – Latest: blue - New: red

kHz	UTC	DATE	ITU	IDENT	MODE	BD	SH	DETAILS
7019.980	ady	dly			N0N			unknown carrier
7038.700	ady	dly	UKR	D	CW			beacon "D" – Sevastopol
7038.800	ady	dly	RUS	P	CW			beacon "P" - Kaliningrad
7038.900	ady	dly	RUS	S	CW			beacon "S" - Murmansk
7039.000	ady	dly	RUS	C	CW			beacon "C" - Moscow
7039.100	ady	dly	KGZ	A	CW			beacon "A" – Kirgisistan
7039.200	ady	dly	RUS	F	CW			beacon "F" - Vladivostok
7039.300	ady	dly	RUS	K	CW			beacon "K" – Petropavlovsk Kamchatskiy
7039.400	ady	dly	RUS	M	CW			beacon "M" – Magadan
7041.800	ady	24.07.11	RUS	L	CW			beacon "L" – St. Petersburg
7054.000	1900	dly	RUS		F1B	50	200	RUS MIL Moscow
7111.900	vt	dly	KWT	no ITU	FSK8	125	1750	ALE, "UDAIRI" "ATFOPS" – US MIL KWT
10125.000	vt	dly		NATO	USB			NATO aircraft – talking to Libyan MIL - legal
14010.000	2030	25.07.11	TUR		FMCW		20k	OTH Radar - Turkey - screenshot
14028.000	vt	dly	RUS		F1B	75	250	Penza
14059.000	0930	21.07.11	RUS		FMCW		10k	RUS OTHR – 71.4 sps – screenshot
14108.000	vt	dly	RUS		A1A			encrypted, RUS MIL
14192.000	vt	vd	RUS		F1B	50	200	CIS50-50 – RUS Navy Kaliningrad
14295.153	ady	dly	TJK		A3E			3 <sup>rd</sup> from 4765 – Radio Tajikistan
14316.000	vt	dly		no ITU	FSK8	125	1750	ALE, "601" "611"
14326.100	vt	dly	FEa	no ITU	FSK8	125	1750	ALE, "475" "699" "776"
14344.700	ady	dly	CHN		PSK8	2400	2400	MIL-188-110A modified – 600 bps short
18107.000	vt	dly	RUS	RDL	F1B	50	250	RUS Navy Moscow - legal operation!
21000.000	vt	dly		no ITU	FSK8	125	1750	ALE, "Y" "M7X"
21000.000	1425	dly	SDN		USB			MFA-Sudan calling Sudan emba Yemen
21002.150	1420	dly	SDN		F1B	100	200	Pactor 1 - MFA Sudan + emba YEM
21233.540	1020	13.06.11	IND		F1B	600	600	DPRK-FSK600 - KRE emba
21300.000	0620	dly	AUS		FMCW		10k	OTH Radar JORN - Australia
21438.000	vt	dly	UKR	RCV	CW			RCV, RIP90 – RUS Navy Sevastopol
24920.000	ady	dly	HRV		FMCW		160k	Codar HF Radar – Croatia – stopped!
28000.000	1700	dly	B	names	A3E			Brazilian CB traffic – 28000 – 28415 kHz
28100.715	vt	dly	POR		F1B	50.6	300	area of Lisbon - unknown burst system
28265.000	0900	dly	IRL		F3E			Church divine service again active!

UTC = universal time coordinated (=GMT) /// ady = all day /// vt = various times /// dly = daily /// vd = various days  
 date (dd.mm.yy) /// IDENT = call, selcall /// MODE = USB, LSB, A3E = AM, F3E = FM, F1B (= FSK), G7B, J7D  
 ALE = MIL-188-141A /// NWAf = North West Africa /// con = continuous ) /// ITU = ITU-abbreviation /// BD = baud  
 /// SH = shift (Hz) or signal spread /// DETAILS = observed details /// uniden (ui) = unidentified /// AF = Airforce /// MOI =  
 Ministry of Interior /// MOD = Ministry of Defense /// MFA = Ministry of Foreign Affairs /// MEa = Middle East /// FEa = Far  
 East /// EAf = East Africa /// CAf = Central Africa /// CIS = Community of Independent States (earlier UDSSR) /// NAf =  
 North Africa /// NEu = Northern Europe /// PRC = People's Republic of China /// PLA = People's Liberation Army (China) ///  
 pps = pulses/second (Radar) /// CIS = Community of Independent States /// emba = embassy /// DPRK = Democratic People  
 Republic of North Korea /// NGO = Non Governmental Organization /// MOPO = Ministry of Public Order /// FSK = frequency  
 shift keying /// PSK = phase shift keying /// SPS = sweeps/sec

### Notice board:

28265.0 – The Irish church divine service in FM is again active on July 17<sup>th</sup> 2011!

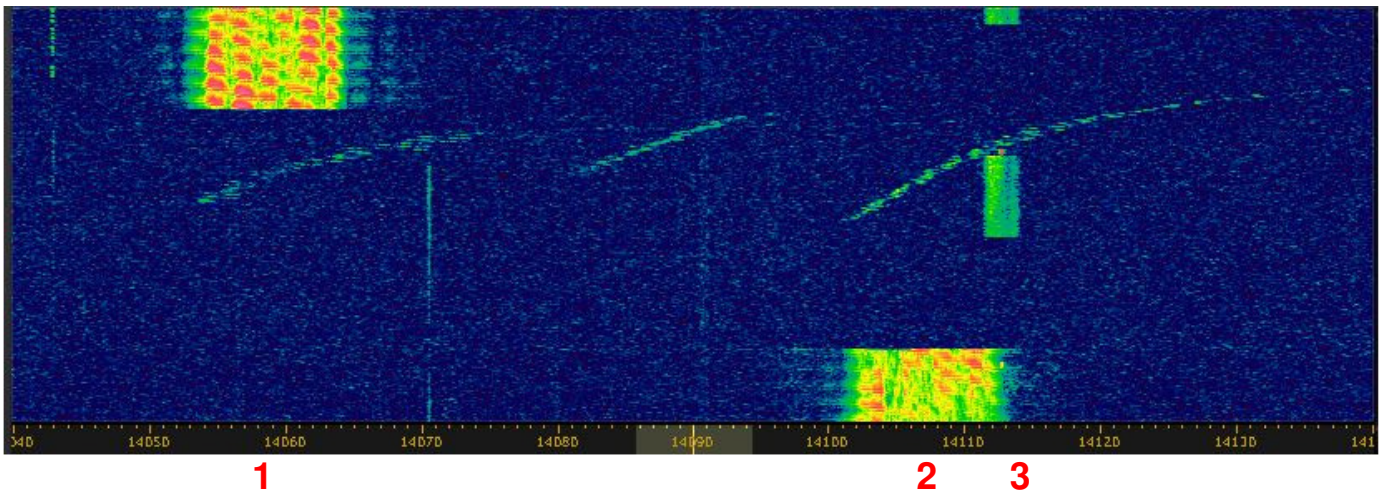
28000- 28415 - USB or AM, many Brazilian pirates daily at 1500 UTC and later, echo-microphones and roger-beeps – audible under raising conditions.

7041.8 kHz cluster beacon "L" from St. Petersburg now here! Russian Roulette???

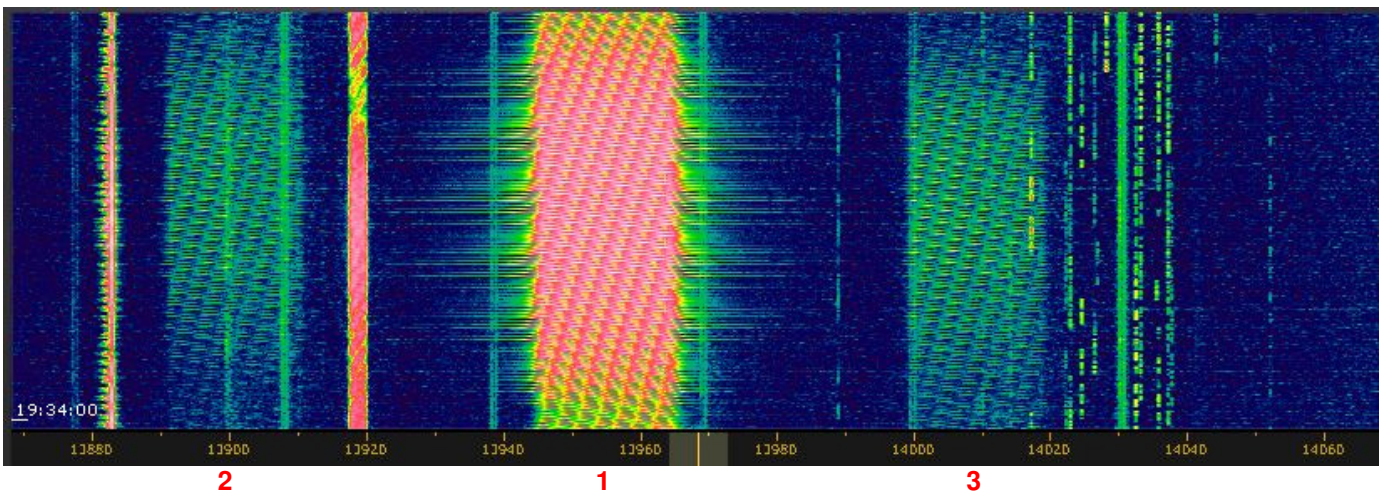
LSB: 3517.3 at 2015 utc daily, USB: 3500.0, 3595, 7000, 7030, 10120 (evenings), Spanish fishery !

28000 – 29700 kHz many CIS taxis in FM - audible under E<sub>s</sub> conditions

Russian OTH Radar on 14058 (1) and 14107 (2) kHz – 71.4 sweeps/sec – 4 sec bursts –  
10 kHz wide  
on 14112.7: Chinese MIL-188-110A (3) – 2400 Bd, 2400 Hz wide, 600 bps short



OTH Radar West-Turkey 50 sps (sweeps/sec) – main signal on 13955 (1) kHz with spurious  
13900 (2) and 14010 (3) kHz– July 25<sup>th</sup> 2011 at 1930 UTC



Measurements and screenshots: DK2OM with [Wavecom W61](#), [Perseus](#) or [Multipsk](#)

credits: [Wavecom](#) – Buelach - Switzerland  
[SSB-Electronic](#) – Iserlohn - Germany  
[BAZ](#) – Special Antennas - Germany

compiled and published by DK2OM