



Monitoring System

Observe the screenshots, comments and credits below!

Intruder News from: **July 2nd 2009** – Persistent: black - Latest: blue - New: red

kHz	UTC	DATE	ITU	IDENT	MODE	BD	SH	DETAILS
3560.054	1800	dly	KRE		A3E			BC from North Korea, fundamental
7008.000	vt	dly	RUS		F1B	50	250	RUS MIL - Chelyabinsk
7027.500	2200	02.07.09	UZB	V	CW			Beacon "V" – possibly Tashkent
7030.000	2100	dly	BLR		A3E			IM from Radio Belarus / 7210 / 7390 kHz
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
7054.000	vt	dly	RUS		F1B	50	200	MIL - east of Moscow – every evening
7089.500	1238	dly	UKR		F1C			WX-fax - 60 rpm – IOC 576 - Sevastopol
14000.000	vt	dly	Waf	names	USB			net in tribal and French voice
14000.000	0803	dly	POR		DRM			noise shield from DRM on 13810 kHz
14000.000	vt	dly		no ITU	FSK8	125	1750	ALE, "BUR" "TOPOJANI"
14000.000	vt	dly	CLM	no ITU	FSK8	125	1750	ALE, "100" "1006" - CLM police
14000.000	ady	dly	F		P0N			French OTH Radar – screenshot below!
14001.500	vt	vd	Naf		BPSK	62.5	1750	Clover 2000 – 8 x 62.5 Bd - uniden
14001.600	vt	dly	CLN	names	LSB			Tamil fishery
14001.800	vt	dly	?	no ITU	F1B	100	170	Codan, selcalls "1234" "5678" – 230°
14109.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, "318" "490" – PRC - PLA
14116.000	vt	dly	LTU		F1B	50	250	area of Vilnius - Lithuania
14119.000	vt	dly	FEa	no ITU	FSK8	125	1750	ALE, "TXZ" "YW2" "YW3" – FEa?
14122.000	vt	dly	RUS		J7D	120	2600	12 x 120 Bd, AT3004D, west of Moscow
14192.000	vt	dly	RUS		F1B	50	500	RUS Navy Kaliningrad
14221.000	vt	dly	RUS		F1B	50	200	RUS MIL Moscow
14295.153	vt	dly	TJK		A3E			3 rd from 4765 – Radio Tajikistan
14321.700	vt	dly	EGY	KKVA	F1B	100	170	Sitor A, MFA Cairo + EGY emba Lagos
14325.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, "101" "135" – PRC - PLA
14328.430	1625	dly	LBY		F1B	600	600	DPRK-FSK600 – KRE embassy Tripoli
14346.700	vt	dly	EGY	KKVA	F1B	100	170	Sitor A, MFA Cairo + EGY emba Lagos
21125.400	1530	22.06.09	E		8PSK	2400	2600	Stanag4285, north of Madrid – Span. MIL
24900.000	vt	dly	HRV		P0N			Codar HF-Radar - Croatia - screenshot
29684.800	ady	dly	I		serial			Italian MIL in Brescia – E _s conditions
29699.800	ady	dly	I		serial			Italian MIL in Brescia – E _s conditions

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) /// 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

Notice board:

0.1 – 29.7 MHz strong interference by a neighbored Plasma TV, daily from 05 – 24 utc. This TV is causing a severe reduction of my monitoring work since one year.

28000 – 28500 kHz many illegal driftnetbuoys from the Adriatic Sea with CW-idents

8 – 32 MHz is usurped and disturbed by PLC in Portugal. We must fight against PLC in whole Europe!

7089.8 14000 kHz - WX-fax from UKR daily at 1238 utc. A complaint of the BNetzA was disregarded.

14000 – 14250 kHz Noise shield, daily at 0803 utc, together with DRM transmission on 13810 kHz in Portugal
 The same problems are caused by the DRM transmissions on 13590 kHz!

28000 – 29700 kHz --- Many CIS taxis in FM, improving conditions!

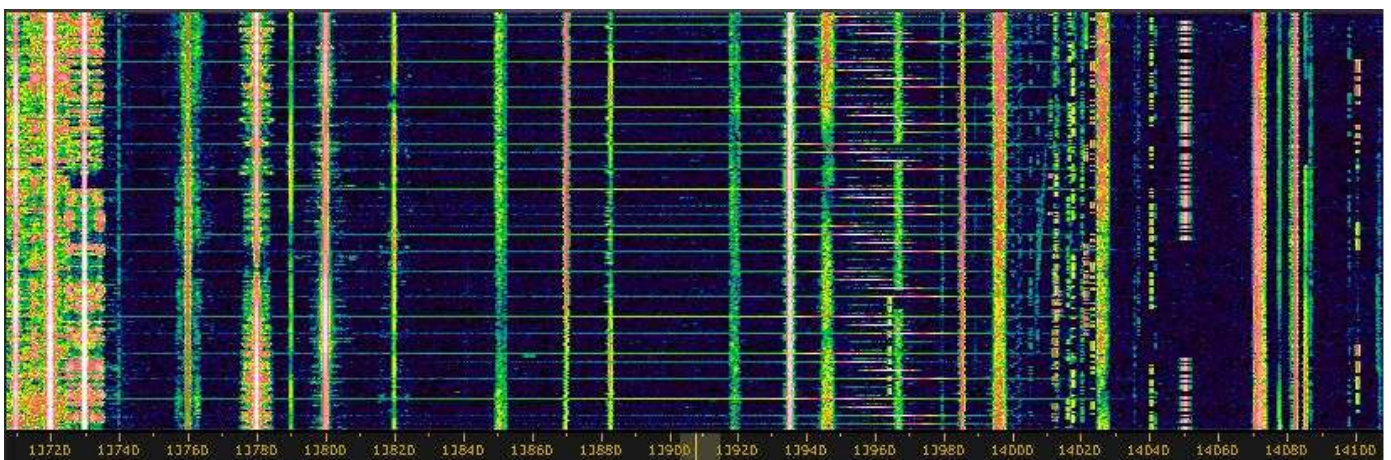
Codar HF-Radar – daily transmitting from 24850 - 24950 kHz – 2 pulses/sec
location: Croatia – Cape Lanterna – RT Zub (close to Porec)
GP antenna mounted on a lighthouse! Photo: S59MP.

soundfile: <http://www.iarums-r1.org/iarums/sound/codarhf.wav>



French OTH Radar “Nostradamus” – stretching over 400 kHz – disturbing the 20 m-band
until 14350 kHz on June 28th at 17 utc - parameters: 33.3 pulses/sec – location: Dreux.
The German PTT (BNetzA Konstanz) undertakes steps to solve the problem.

soundfile: <http://www.iarums-r1.org/iarums/sound/french-oth.wav>



Measurements and screenshots: DK2OM with Wavecom W61, Perseus or MultiPSK

credits: Wavecom – Buelach - Switzerland
SSB-Electronic – Iserlohn - Germany

compiled and published by DK2OM