



Monitoring System

Observe the screenshots, comments and credits below!

Intruder News from: **February 7th 2010** – Persistent: black - Latest: blue - New: red

kHz	UTC	DATE	ITU	IDENT	MODE	BD	SH	DETAILS
3622.500	2000	dly	J	JMH	F1C			Tokyo Meteo, WXfax, 120 rpm, IOC576
7000.000	1330	dly	FEa	names	U/LSB			pirate net – Middle East or Far East
7000.000	2130	26.01.10	USA		P0N			OTH-Radar, 3 pps, Codar? - screenshot
7016.000	0500	dly	GEO		OFDM	30	2900	OFDM 93 – Tiflis, Georgia
7018.000	vt	dly	RUS	REA4	F1A/B	50	1000	RUS Airforce Moscow, ident 0h + 41 min
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
7039.200	ady	dly	RUS	F	CW			beacon “F” - Vladivostok
7039.300	ady	dly	RUS	K	CW			beacon “K” - Petropavlovsk
7044.340	1800	dly	RUS		FSK15?		2700	area of Novosibirsk – undefined noise
7050.000	2015	07.02.10	CHN		P0N			Chinese Radar – 43.5 pps - screenshot
7054.000	vt	dly	RUS		F1B	50	200	RUS MIL Moscow – morning and evening
7070.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, “288” “514” – PRC - PLA
7089.500	1238	dly	UKR		F1C			WX-fax - 60 rpm – IOC 576 - Sevastopol
7090.000	vt	dly	TUR		PSK8	2400	3000	Link11 – SLEW – area of Ankara
7196.000	vt	vd	RUS		F1B	75	200	RUS MIL - Petropavlovsk
10107.000	0800	dly	RUS		CW			dots, 20 msec, Novosibirsk, navigation?
10147.000	1400	22.11.09	FEa	Bora	LSB			Far or Middle East pirates, “Bora Bora”
14000.000	1300	dly	CHN		A3E			BC – IM from 13710 and 13855 - China
14001.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, “272” “482” - PRC-PLA
14026.000	vt	dly	RUS		PSK2	120	2600	AT3004D – Velikije Luki
14036.000	1115	04.01.10	RUS	REA 4	F1B	50	2000	2 nd from 7018 – Russian AF Moscow
14139.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, “597” “809” – PRC-PLA
14166.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, “867” “963” - possibly PRC-PLA
14180.000	1340	18.01.10	UKR		F1C			WXfax, 2 nd from 7090, RUS Navy Sevast.
14192.000	2030	14.01.10	RUS		F1B	50	500	Rus Navy - Kaliningrad
14255.000	1130	10.11.09	RUS		P0N			OTH Radar ABM2, Moscow
14295.153	vt	dly	TJK		A3E			3 rd from 4765 – Radio Tajikistan
14337.000	vt	dly	CHN	no ITU	FSK8	125	1750	ALE, “143” “246” – PRC-PLA
21000.000	1100	07.12.09	CLN	names	USB			Tamil fishery, male persons – 110°
21000.400	0800	dly	CLN	names	USB			Tamil fishery, audible 08 – 10 utc

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:

PSE observe the new bandplan: Digital modes are now between 7040 and 7047 kHz!!!

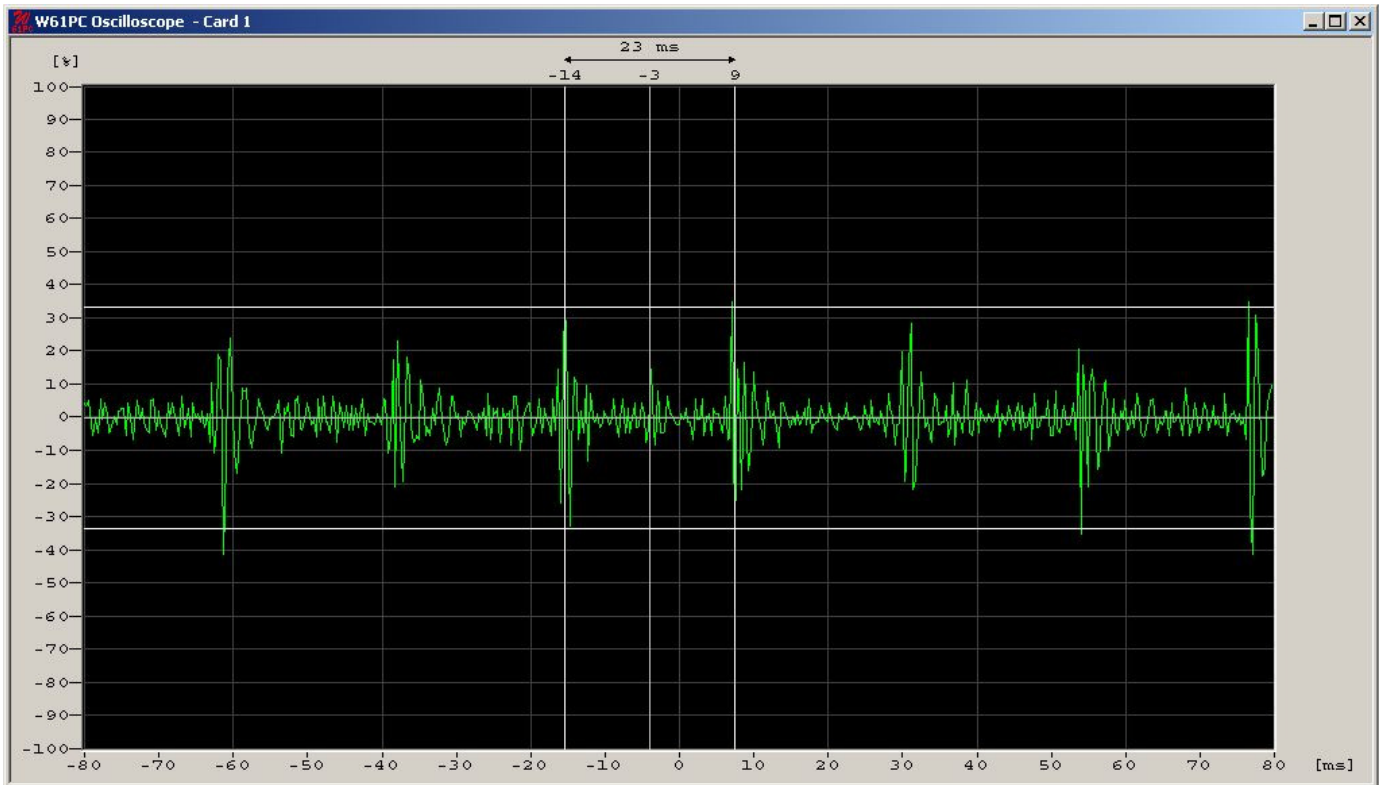
7000.0 kHz – USB/LSB - 1300 UTC and later - pirate net from Far or Middle East

Region 2: A new kind of OTH-Radar is disturbing our 7 MHz-band daily from 1300 – 2000 UTC.

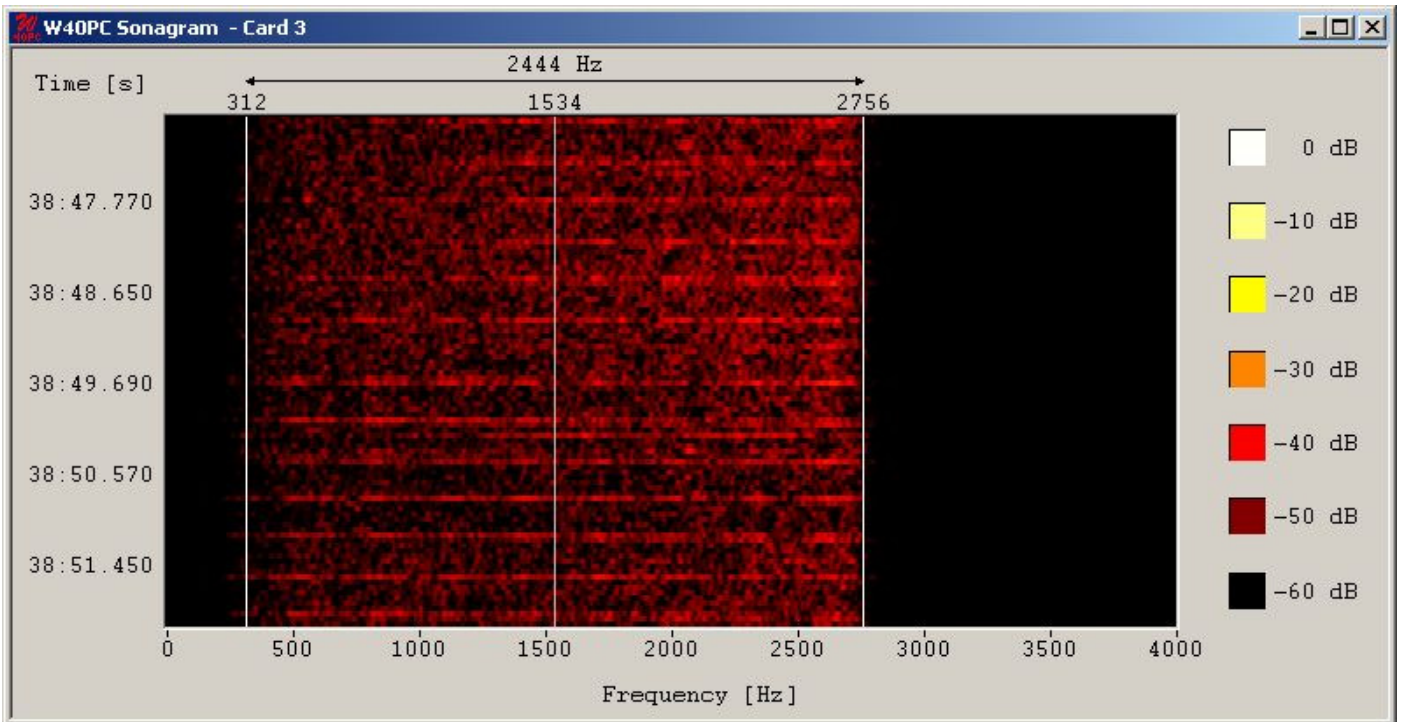
About 3 puleses/sec, sounding like a Codar HF-Radar. USA – east coast -> screenshot below

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

Chinese OTH Radar on 7050 kHz – 43.5 pulses/sec – about 40 kHz wide audible –
Date: Feb. 07, 2010 at 2015 UTC – screenshot: DK2OM with Wavecom W61



HF-Radar, daily on 7000, 7050 or 7100 kHz after 1600 UTC.
About 3 pulses/sec, sounding like a Codar HF-Radar. Location: USA, east coast
soundfile: <http://www.iarums-r1.org/iarums/sound/7067-3pps.wav>



Measurements and screenshots: DK2OM with Wavecom W40/61, Perseus or Multipsk

credits: Wavecom – Buelach - Switzerland
SSB-Electronic – Iserlohn - Germany
BAZ – Special Antennas - Germany

compiled and published by DK2OM