

strannyi name	new name	my first log	preamble	datamode description	eot sequence	skeds seen so far	waveform AF spectrum view
странный-A aka "DP01"	A	29 October 2011	1600Hz/2100 Hz alternat then 10 state or 9 state 420ms 1000Hz tone 128ms 2250Hz tone >128ms 1000Hz tone 64ms 2250Hz tone >64ms 1000Hz tone >64ms 2250Hz tone >64ms 1000Hz tone 512ms 500Bd BPSK > 250ms 1150Hz tone > 128ms 500Bd BPSK 250ms 1200Hz tone > 100ms 1635Hz tone > 100ms 1200Hz tone 50ms 1635Hz tone > 50ms 1200Hz tone > 50ms 1635Hz tone > 50ms 1200Hz tone 250ms 1600Hz tone > 256ms 250Bd BPSK	2x 62.5Bd QPSK channels carriers: 1500Hz 1625Hz	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.00z .05z .10z .15z .20z .25z or .30z .40z .50z or .00z .10z .20z .30z .40z .50z	
странный-A'	A'	05 May 2019	1600Hz/2100 Hz alternat then 10 state 320ms 1000Hz tone 128ms 2250Hz tone >128ms 1000Hz tone 64ms 2250Hz tone >64ms 1000Hz tone >64ms 2250Hz tone >64ms 1000Hz tone 512ms 500Bd BPSK (1500Hz carrier) > 250ms 1400Hz tone > 128ms 500Bd BPSK (1500Hz carrier)	8x 62.5Bd QPSK channels carriers: 1125Hz 1250Hz 1375Hz 1500Hz 1625Hz 1750Hz 1875Hz 2000Hz	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.00z .05z .10z .15z .20z .25z	
странный-A''	B	05 June 2019	16 state 500ms 1800Hz tone > 1500ms 1200Hz tone > 500ms 1800Hz tone > 1500ms 1200Hz tone 100ms 1000Hz tone 320ms 875Hz tone 128ms 2375Hz tone > 128ms 875Hz tone 64ms 2375Hz tone > 64ms 875Hz tone > 64ms 2375Hz tone > 64ms 875Hz tone 512ms 500Bd BPSK (1500Hz carrier) 1200ms 40Bd BPSK (1360Hz carrier) 2400ms 40Bd BPSK (1080Hz carrier) 512ms 250Bd BPSK (2000Hz carrier)	2x 62.5Bd QPSK channels carriers: 1500Hz 1625Hz + 512ms 250Bd BPSK every 12.8s (carrier changes from 1000Hz to 2250Hz)	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.00z .05z .10z .15z .20z .25z	
странный-B	B'	can't find date in log	1200Hz/1800 Hz alternat then 16 state 500ms 1800Hz tone > 1500ms 1200Hz tone > 500ms 1800Hz tone > 1500ms 1200Hz tone 100ms 1000Hz tone 320ms 875Hz tone 128ms 2375Hz tone > 128ms 875Hz tone 64ms 2375Hz tone > 64ms 875Hz tone > 64ms 2375Hz tone > 64ms 875Hz tone 512ms 500Bd BPSK (1500Hz carrier) 1200ms 40Bd BPSK (1360Hz carrier) 2400ms 40Bd BPSK (1080Hz carrier) 512ms 250Bd BPSK (2000Hz carrier)	8 x 62.5Bd QPSK channels carriers: 1125Hz 1250Hz 1375Hz 1500Hz 1625Hz 1750Hz 1875Hz 2000Hz + 512ms 250Bd BPSK every 12.8s (carrier changes from 1000Hz to 2250Hz)	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.30z .35z .40z .45z .50z .55z	
странный-D	C	can't find date in log	16 state 500ms 1800Hz tone > 1500ms 1200Hz tone > 500ms 1800Hz tone > 1500ms 1200Hz tone 100ms 1000Hz tone 320ms 875Hz tone 128ms 2375Hz tone > 128ms 875Hz tone 64ms 2375Hz tone > 64ms 875Hz tone > 64ms 2375Hz tone > 64ms 875Hz tone 512ms 500Bd BPSK 1200ms 20Bd BPSK 2400ms 40Bd BPSK 512ms 250Bd BPSK	1 x mFSK-16 of 384 tones (br:40Bd sh:40Hz) w/ 250Bd BPSK 512ms every 10.12 secs (carrier changes from 2250Hz to 1000Hz) or 1 x mFSK-16 of 192 tones (br:20Bd sh:40Hz) w/ 250Bd BPSK 512ms every 10.12 secs (carrier changes from 2250Hz to 1000Hz) or 1 x mFSK-16 of 96 tones (br:10Bd sh:40Hz) w/ 250Bd BPSK 512ms every 10.12 secs (carrier changes from 2250Hz to 1000Hz)	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.30z .35z .40z .45z .50z .55z	
странный-E	C'	18 September 2013	16 state 500ms 1800Hz tone > 1500ms 1200Hz tone > 500ms 1800Hz tone > 1500ms 1200Hz tone 100ms 1000Hz tone 320ms 875Hz tone 128ms 2375Hz tone > 128ms 875Hz tone 64ms 2375Hz tone > 64ms 875Hz tone > 64ms 2375Hz tone > 64ms 875Hz tone 512ms 500Bd BPSK (2000Hz carrier) 1200ms 40Bd BPSK (2080Hz carrier) 2400ms 40Bd BPSK (1080Hz carrier) 512ms 250Bd BPSK (1750Hz carrier)	5 x mFSK-16 (br:10Bd sh:20Hz) w/ 250Bd BPSK 512ms breaks every 10.12 secs (carrier changes from 2250Hz to 1000Hz) 96 mfsk tones between BPSK bursts = 9.6sec of data	320ms 1500Hz tone 128ms 1750Hz tone > 128ms 1500Hz tone 64ms 1750Hz tone > 64ms 1500Hz tone > 64ms 1750Hz tone > 64ms 1500Hz tone	.00z .30z or .00z .05z .10z .15z .20z .25z	
странный-C	D	16 September 2014	1 state continuous MSK (br:1866.67 Bd br:933.34Hz) w/ gap at ~1380Hz for 2 minutes	1 x mFSK-16 tfc (br:16.5Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 tfc (br: 33Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 tfc (br: 66Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 tfc (br:132Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths	no eot sequence	.00z .20z .40z or .00z .10z .20z .30z .40z .50z	
странный-I aka "XPB"	D'	26 November 2016	no preamble	1 x mFSK-16 (br:16.5Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 (br:33Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 (br:66Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths or 1 x mFSK-16 (br:132Bd sh:175Hz) offset 1850Hz, continuous tfc, various lengths	no eot sequence	.00z .20z .40z or .00z .10z .20z .30z .40z .50z or .00z then various start times	
странный-F	E	31 October 2015	no preamble	FSK 16Bd/1000Hz in reversals, offset +1500Hz	no eot sequence	.00z .05z .10z .15z .20z .25z .30z .35z .40z .45z .50z .55z	
странный-G	F	19 April 2016	16 state 500ms 1800Hz tone > 1500ms 1200Hz tone > 500ms 1800Hz tone > 1500ms 1200Hz tone 100ms 1000Hz tone 320ms 875Hz tone 128ms 2375Hz tone > 128ms 875Hz tone 64ms 2375Hz tone > 64ms 875Hz tone > 64ms 2375Hz tone > 64ms 875Hz tone 512ms 500Bd BPSK 1200ms 20Bd BPSK 2400ms 40Bd BPSK 512ms 250Bd BPSK	1 x mFSK-16 of 96 tones (br:10Bd sh:40Hz) w/ 512ms 125Bd/250Hz & 512ms 125Bd/62.5Hz FSK breaks every 10.64 secs (no offset change)	3200ms 1615Hz 200ms 1580Hz 100ms 1500Hz > 1170Hz > 1380Hz > 1340Hz > 1485Hz > 1415Hz > 1415Hz 1.03s of fsk 125/500	not determined yet	
странный-J	G	18 April 2019	no preamble	1333Bd BPSK or QPSK w/ ~64ms 2000Bd BPSK inserts every ~560ms ----- and unid waveform later ----->	~400ms 1800Hz tone	.00z .02z .04z .06z .08z or .30z .32z .34z .36z .38z	