

SAMPLES FROM BINDER'S LOGFILE: A GLITCH DETECTED IN STACKING PHASE

Series of picks which stack, until the last pick identifies a group of picks as a "glitch" (defined here as 4 picks within 0.035 s):

Stacking weights in this run are as follows:

quality =0	weight =4
=1	=3
=2	=2

Event threshold = 18

STACKING PHASE

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10 6 3 152 GAS WRVHZ U2 19991004145307.00 461 84 54 ← raw TYPE_PICK2K message
19991004.UTC_14:53:12 grid_stack, mhit = 0 ← result of stacking attempt: maximum hit count, mhit=0, means that this pick
stacked with no other recent picks.
10 6 3 153 GHZ NCVHZ 2 19991004145308.27 34 119 117
19991004.UTC_14:53:12 grid_stack, mhit = 4 ← next stacking attempt: mhit=4 tells us that this pick (stack weight=2) combined
with another pick or picks (combined stack weight=2).
10 6 3 154 GAC NCVHZ 2 19991004145308.27 96 89 104
19991004.UTC_14:53:13 grid_stack, mhit = 6
10 6 3 950 KRK NCVHZ D0 19991004145308.07 788 259 27
19991004.UTC_14:53:13 grid_stack, mhit = 8
10 6 3 951 KCP NCVLZ D0 19991004145308.07 310 1103 1924
19991004.UTC_14:53:14 grid_stack, mhit = 10
10 6 3 952 GTC NCVHZ D1 19991004145308.06 104 132 578
19991004.UTC_14:53:14 grid_stack, mhit = 11
10 6 3 953 KBS NCVHZ 0 19991004145308.07 242 813 1340
19991004.UTC_14:53:14 grid_stack, mhit = 0, glitch ← next stacking attempt: the word "glitch" tells us that the stacker
identified this pick as belonging to a glitch (defined in this run as
4 picks within 0.035 sec). No stack is attempted, thus mhit=0.
The last 4 picks in the list form the identified "glitch".
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pick-quality field of TYPE_PICK2K message: quality=2 yields stacking weight=2 for this run