

January 27, 2008

## L1Cal Pulser Run Procedure

### Logging in:

1. ssh d0cal@d0ol107.fnal.gov
2. cd /home/renkel/prod20/
3. ./PulserTool.sh

### Running the Pulser:

1. Be sure, that there is no beam, and the pedestals are taken.
2. Ask DAQ shifter to take CAL and L1CAL crates out of run.
3. Start reading events by selecting on the "L1Cal Tool Pulser Diagnostics Main Menu" window: File/Read the Run. On prompt answer 'OK'. The window is shown in Figure 1).
4. Wait until see the log message in the "Diagnostics output" window (shown in Figure 2) below) and additional 10 seconds.
5. Start Pulser run:
  - a. Go to 'Taker'
  - b. Select 'Modify/Change trigger'
  - c. Go into (partly could be there)  
online/data/coor/configurations/commissioning/cal/ramps/run1/pulser\_cal\_runI-pat\_withl1cal\_low-1.0
  - d. 'OK'
  - e. Press 'start'
  - f. Input the name and comments and then "OK" in the main 'taker' window.
6. When the rampwatcher shows 32 patterns, first stop the taker (in taker, press "stop") and write comments. Then "OK".
7. Save the run by selecting on the "L1Cal Pulser Diagnostics Main Menu" window: Save (maybe type run number)
8. Free the trigger on Taker.



Figure 1) The Pulser Tool Diagnostics Main Menu window

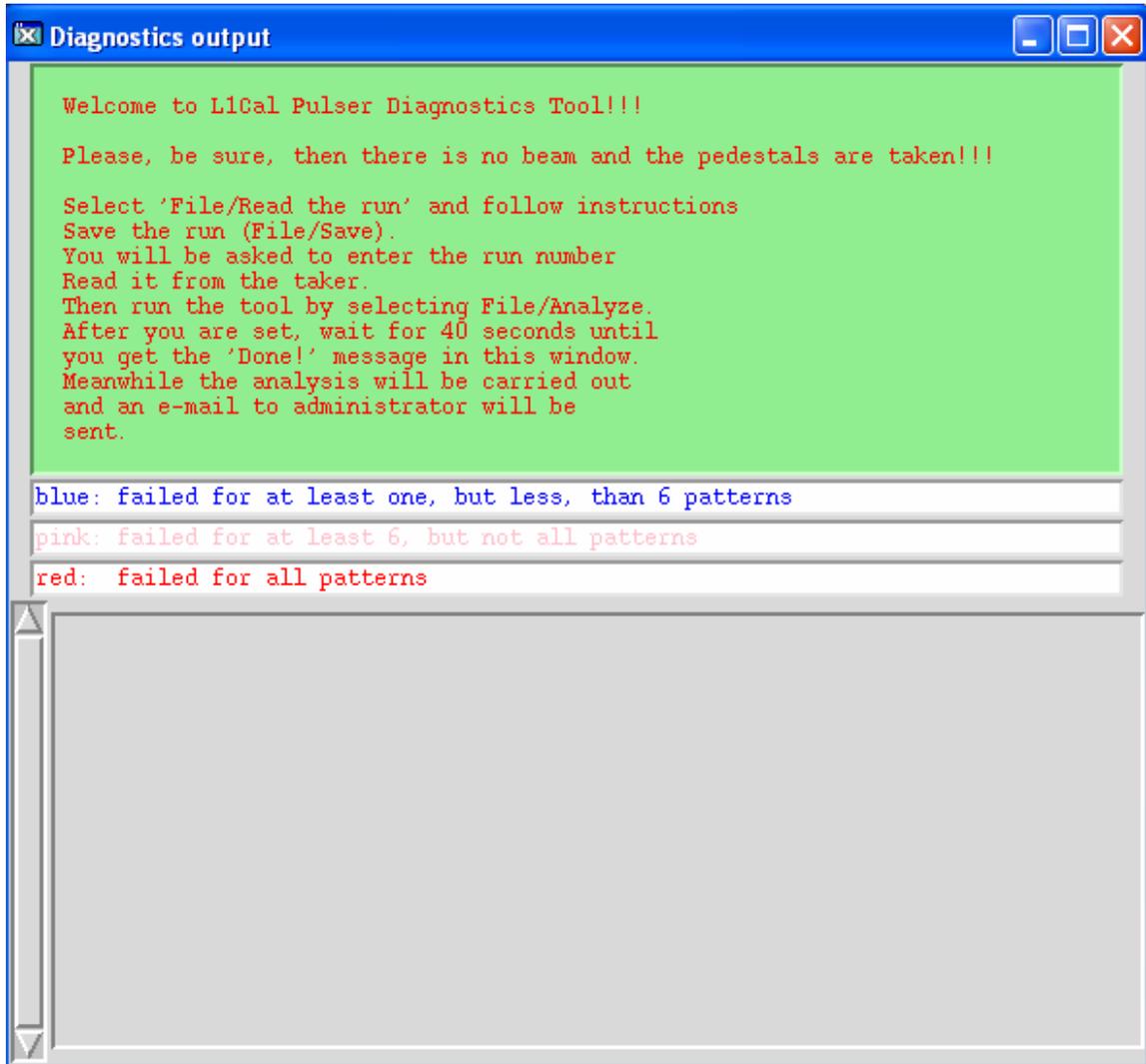


Figure 2) Diagnostics output window