*3 August 09*

**LASER during CRAFT and under B field=3.8T, from 28 july**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Reason | Action | Solution |
| Air conditioning | B field ON  | It was put back spare unit ON but average temperature of the room change 🡪 Pulse drift then **no more LASER**. Laser tune quickly (no time) and back to normal. May have to change with spare laser as instructed shifter but not done. | Change this air-conditioning because it’s nothing to do with controller (only problem for this Laser room).Should started this week if technicians here. |
| GPIB | New digital scope(Analog one not so good under B field) | Reboot full chain of GPIB. Occurs during night after few hours without problems. | Remove this scope. It was tested on separate setup and seems OK but with ECAL run is NOT. Reason unknown.Need to check for any difference between external and internal trigger mode (this week).  |
| Digital delay DG535 | Goes in error mode🡪 NO trigger anymore | Reset of the deviceStill error with script.  | Need investigation. Used a spare one from RED laser. |
| Interlock: lamp OFF ! | lamp OFF due to interlock🡪 wrong value for the magnet,. | Remove interlock from laser software. | * Wait investigation of our laser program and change code
* Can do test with Thomas Thursday if ourt code is OK.
 |
| New devices | Power meter and Infrared viewer OK under B field. |

**Thursday or before**: Ask for laser trigger as usual RUN to compare internal trigger and trigger from EMTC.

* Suspect difference because of our fast monitoring and scope behavior.