

Status of Outrigger calibration

Xianwu Xu

Collaboration meeting at LANL

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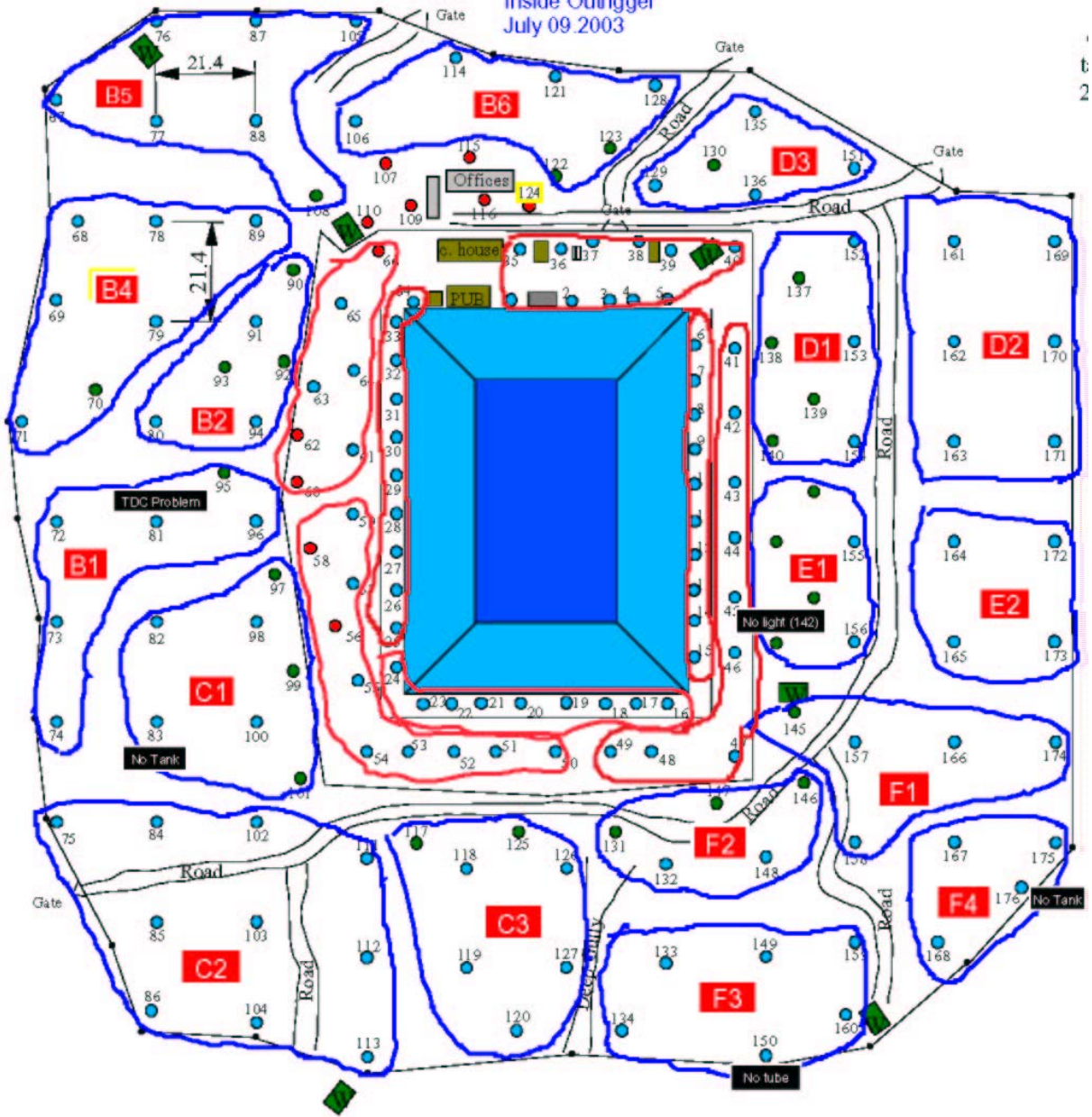
Completed job

- Upgrade system completed
 - Installed new motion controller
 - Installed new 1x64 fiber switch
 - upgraded the codes.
 - So far
 - . new system works stably.
 - . 91 fiber channels are available.
- Set up the fibers for the tanks outside fence.

Troubles

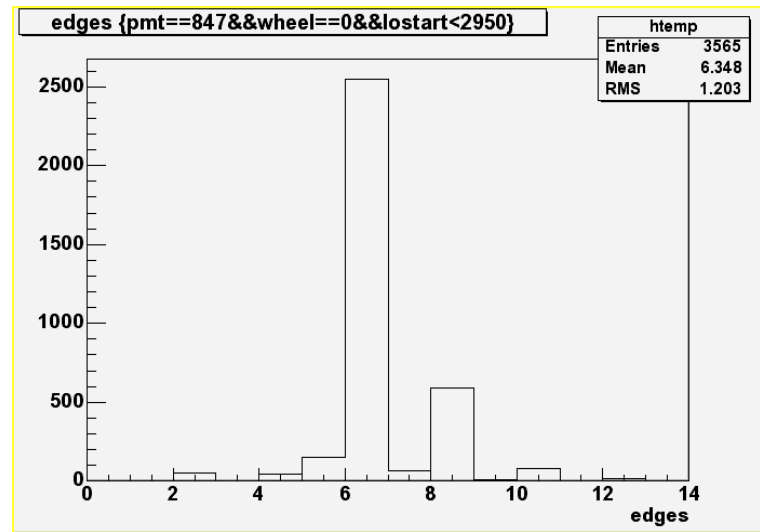
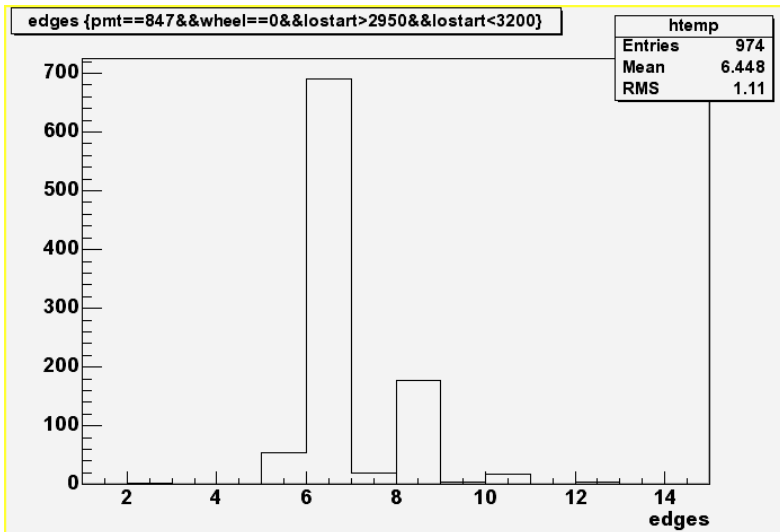
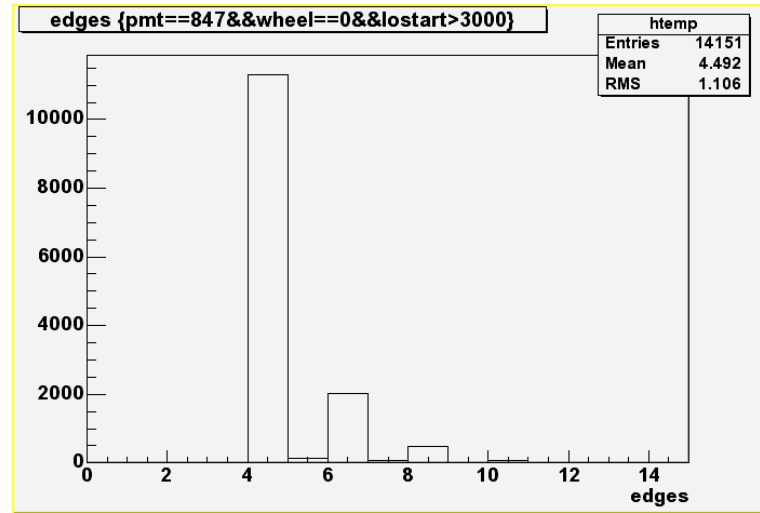
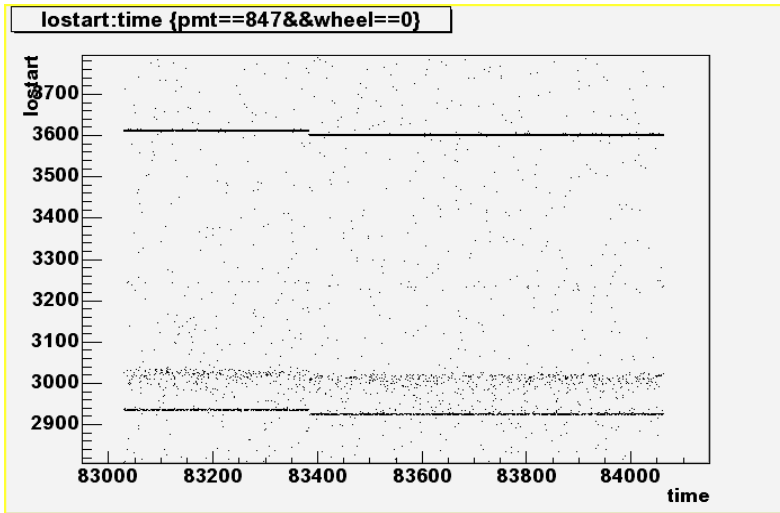
- Inner fence: 31 of 66 channels see the laser, 35 channels do not see. The main problem results from the connectors.
- Outside fence: 105 of 107 channels see the laser.
 - Channel No. 81 --- TDC problem.
 - Channel No. 142 --- fiber problem in the tank.
- Fiber damaged for patches F1 and F3.
- LoStart and Histart jump.

Inside Outrigger
July 09 2003

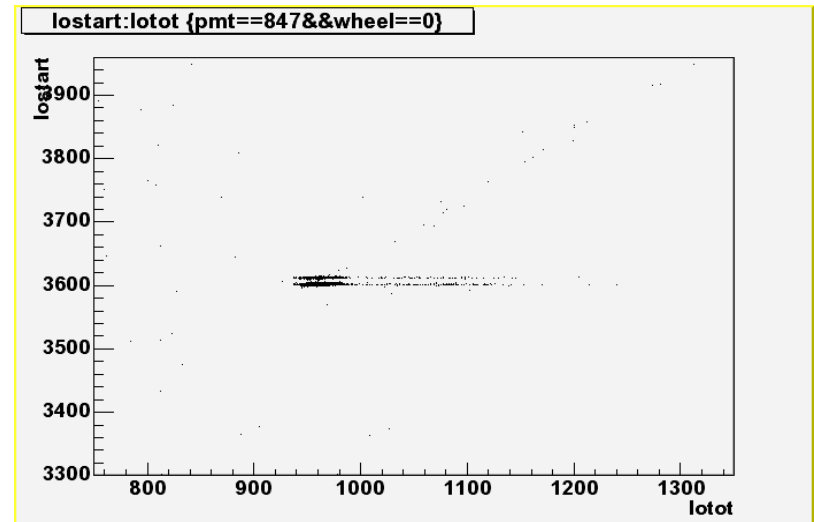
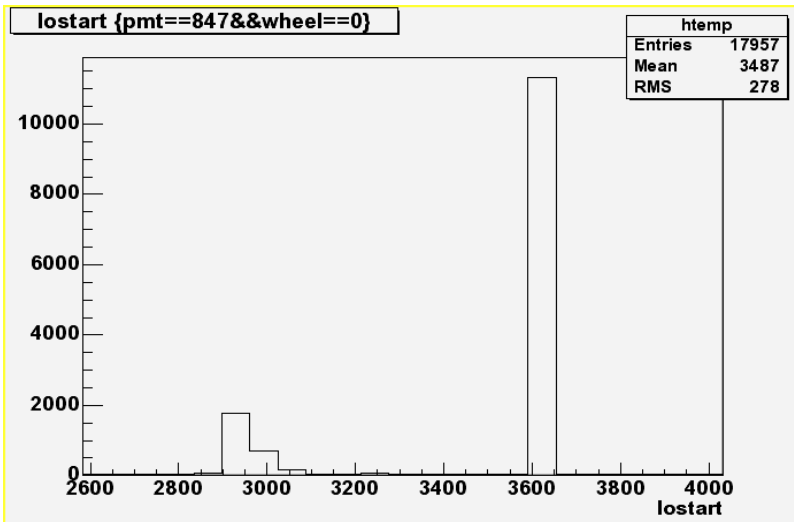
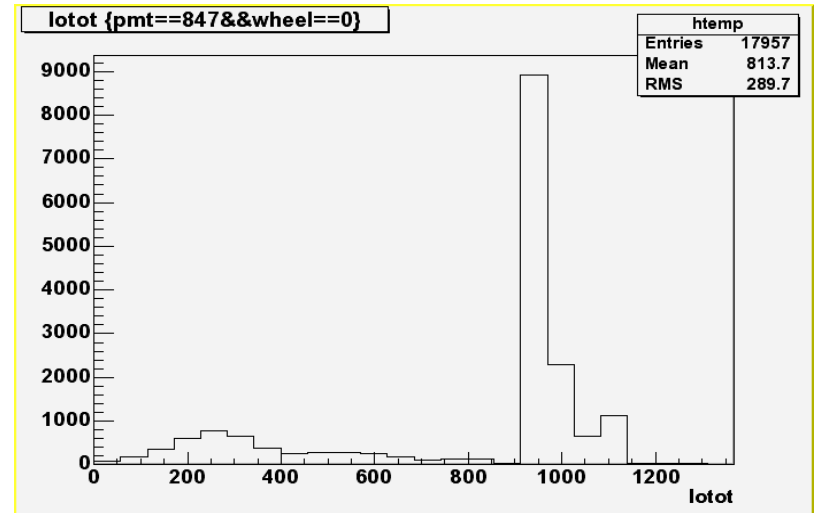
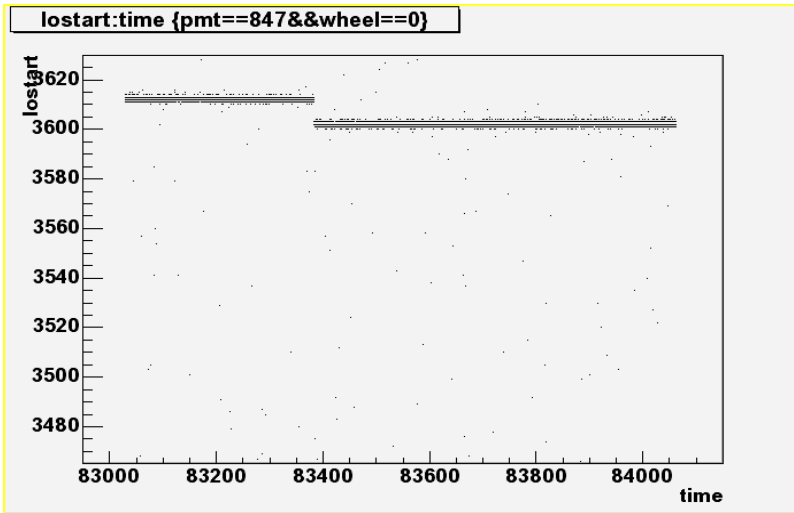


1
2

An example



An example (cont)



Job's we should do...

- Repair the damaged fibers for patches F1 and F3.
- Replace the bad connectors and fix other problems for inner tanks.
- Solve the jump problem.
- To monitor the laser for outrigger calibration, we need to buy optics and photo-electronic devices.
- Run the laser calibration system regularly!!!