

## Dec2014TBShiftSummary &lt; DREAM &lt; TWiki

Please fill the table for your shift with this information:

- **PROGRAM DONE:** please write the type of measurements you have done, with reference to run number range and to logbook pages
- **BEAM INFO:** note periods with no beam, report related problems
- **ASIDE ACTIVITIES:** please add information on aside activities such as debugging put references to logbook pages
- **OBSERVED PROBLEMS:** add **Meaningful** information of problems encountered in your shift

Remember to also send an email to the dream mailing list.

|                   |   |
|-------------------|---|
| Shift Date        | 2/12/2014   |
| Shift Time        | 00-08   |
| Shifter Names     | Michele C, Alan   |
| Program Done      | Cu module (aluminized) theta scan   |
| Beam Info         | H8C.DREAM.001 20 GeV electrons(?)   |
| Aside Activities  | Wrote a root macro (~/DreamDaq/macro_root/cu_dream_avg.cxx) to automate the fit of the two Cu_dream_tot_* distributions. TWiki cleanup. Added cron job to backup data files at TTU via globus every hour.           |
| Observed Problems | 4:10 pcdreamus froze, we rebooted it and tried to take a run (10123) that wen way too fast (20k ev in a few seconds). We rebooted pcdreamdaq2 and the problem disappeared (???)<br>7:10 beam lost far a few minutes |

|                   |                                  |
|-------------------|----------------------------------|
| Shift Date        | 2/12/2014                        |
| Shift Time        | 08-16                            |
| Shifter Names     | Fangqi, John                     |
| Program Done      | Angle scan at 1 degree tilt      |
| Beam Info         | H8C.DREAM.001 20 GeV electrons   |
| Aside Activities  |                                  |
| Observed Problems | The machine is down for 2 hours. |

|                   |   |
|-------------------|---|
| Shift Date        | 2/12/2014   |
| Shift Time        | 16-24   |
| Shifter Names     | Silvia, Evelin  |
| Program Done      | Continue Angle scan at 1 degree tilt, without and with PS |
| Beam Info         | H8C.DREAM.001 20 GeV electrons                            |
| Aside Activities  |   |
| Observed Problems | 22:00 beam lost   |

|                   |   |
|-------------------|---|
| Shift Date        | 3/12/2014                                     |
| Shift Time        | 00-08   |
| Shifter Names     | laura, michele c                              |
| Program Done      | Continue Angle scan at 1 degree tilt, with PS |
| Beam Info         | H8C.DREAM.001 20 GeV electrons                |
| Aside Activities  | Added labels to Pb matrix cables              |
| Observed Problems |   |

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|  |   |
|--|---|
|  | 22:00 beam off<br>2.00 beam back but with low intensity (30 triggers/spill)<br>2.50 beam back with normal intensity (700 ev/spill) data taking restarted<br>6:00 beam off (Machine Development) |
|--|---|

|                          |  |
|--------------------------|--|
| <b>Shift Date</b>        | 3/12/2014  |
| <b>Shift Time</b>        | 16-24  |
| <b>Shifter Names</b>     | Silvia, Richard  |
| <b>Program Done</b>      | restart after MD, high energy wobbling, new pion runs, setup beam, VME crate crashed, problems to restart. Roberto and Fabrizio solved. runs with DRS, they set up the timing of DRS in order to take fast calorimeter signals and low (150ns late) neutron counter signals, due to longer cables. DRS sampling set at 2.5GHZ. Started calibration Pb matrix with electrons and readout with ADC |
| <b>Beam Info</b>         | 180 GeV pions, starting to setup electrons   |
| <b>Aside Activities</b>  |  |
| <b>Observed Problems</b> | V262 IO register crashed both the running and the spare module. Problems also with the disk (Alan is taking care about that)   |

|                          |  |
|--------------------------|--|
| <b>Shift Date</b>        | 6/12/2014  |
| <b>Shift Time</b>        | 16-24  |
| <b>Shifter Names</b>     | Silvia,Fabrizio  |
| <b>Program Done</b>      | redone 180GeV pions with DRS, high rate, so we took also a run with 100k events, came back to ADCs to continue the run at different pion energies. 40 GeV pi energy, low stat (70 ev per spill). |
| <b>Beam Info</b>         | 180 GeV pions, 40 GeV pions  |
| <b>Aside Activities</b>  |  |
| <b>Observed Problems</b> |  |

-- MicheleCascella - 2014-11-25

This topic: DREAM > Dec2014TBShiftSummary  
Topic revision: r11 - 2014-12-06 - SilviaFranchino



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