

NovemberTBSHiftSummary < DREAM < 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

Shift Date	24.11.2012 - Saturday
Shift Time	16-24
Shifter Names	Richard, Guido
Program Done	calo towers calibration-towers 8/9/10/14/15/16/20/21/22- S pms calibrated at 10%; C pms gain quite low for several towers with HV at 900
Beam Info	no beam till 5 pm
Aside Activities	neutron counters: some lemo cables replaced
Observed Problems	DAQ problem; PC changed- restart around 7 pm

Shift Date	25.11.2012 - Sunday
Shift Time	0-8
Shifter Names	Sehwook, Joao
Program Done	Calibration for calorimeter towers: 1,2,3,4,5,11,17,23,29,28,27,26,25,19,13,7 - C and S channels were calibrated at 10%
Beam Info	20 GeV e-
Aside Activities	None
Observed Problems	S11 showed overflow and C11 has only pedestal (Run 9000)

Shift Date	25.11.2012 - Sunday
Shift Time	8-16
Shifter Names	Alan, John
Program Done	calibrated the blue perimeter; re-calibrated 4 C and 1 S tapered channel; calibrated n-counters 9,10,11,12 & 1,2,3,4 & 5,6,7,8.
Beam Info	20 GeV e-
Aside Activities	
Observed Problems	cannot reach 8 n-counters on top with table.

Shift Date	25.11.2012 - Sunday
Shift Time	16-24
Shifter Names	Andy, Gabri
Program Done	Finished calibrating neutron counters. Connected the central tower to the TDC. Installed the interaction target. Started data taking with 60GeV pions.
Beam Info	Stable beam.
Aside Activities	Resolution changed the TDC setting from 0.8472 ns/cts to 0.14 ns/cts.
Observed Problems	The DAQ stuck a few times because no spill signal.

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Shift Date	26.11.2012 - Monday
Shift Time	0-8
Shifter Names	Richard, Tim
Program Done	
Beam Info	
Aside Activities	
Observed Problems	

Shift Date	26.11.2012 - Monday
Shift Time	8-16
Shifter Names	Evelin, Guido
Program Done	Electron measurements started: taken a long run of 100keVts (set of small datasets) with 20 GeV ele at center (tower 15), nominal position
Beam Info	Some problems with RF, stopped the runs during periods without beam
Aside Activities	Around 2 p.m. stopped last run, and started operation to tilt New Dream for the electron energy scan
Observed Problems	Impossible to set a pion beam of 40 GeV, so skipped pions measurements and started electron measurements

Shift Date	26.11.2012 - Monday
Shift Time	16-24
Shifter Names	Gabri, Marco
Program Done	Found T15 coordinates after calorimeter was tilted (logbook page 60). Started electron energy scan (logbook page 61)
Beam Info	no beam for most of the shift
Aside Activities	Prepared cables for the Copper module readout.
Observed Problems	---

Shift Date	27.11.2012 - Tuesday
Shift Time	00-08
Shifter Names	Joao,Laura
Program Done	energy scan 20GeV, 6 GeV (veto out), 40 GeV (running).
Beam Info	no beam before 2.00
Aside Activities	Connection of Cu module to HV power supply, Board 06. Channel C2 do not draw any current
Observed Problems	Low voltage was off. BC voltage off.

Shift Date	28.11.2012-Wednesday
Shift Time	00-08
Shifter Names	Andy, Sehwook
Program Done	Cu(AI), Cu module calibration - A11, A12, A13, A14, Cu1, Cu2, Cu4. Energy scan with electron: 20 GeV(50k), 40 GeV(100k), 30 GeV(50k).
Beam Info	stable beam
Aside Activities	None
Observed Problems	DAQ stopped data taking. Power-cycled VME crates.

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Problems	
Shift Date	28.11.2012-Wednesday
Shift Time	08-16
Shifter Names	Guido, Tim
Program Done	6 GeV e- on copper module /// calo back at 0- 20 GeV e- on cu module to measure shower profile
Beam Info	smooth running
Aside Activities	vertical and angular tilt of the calo removed
Observed Problems	none

Shift Date	29.11.2012 - Thursday
Shift Time	00-08
Shifter Names	Laura, Gabri
Program Done	20 GeV pion run in the lead central tower (T15). Logbook page 71, Runs 9250 - 9267; Run 9268 20 GeV in T8
Beam Info	3:30 low current on target due to injection problem; then back to 25/e11; 4:25 - 5:30 no beam; then 25/e11
Aside Activities	debugged channel T15S for timing measurements: wrong cable connected to the patch panel in CR; Changed back to NIM discriminator
Observed Problems	At 7000 evt/spill DAQ frequently crashed. Rate reduced to 3000 evt/spill, ok

Shift Date	29.11.2012 - Thursday
Shift Time	16-24
Shifter Names	
Program Done	
Beam Info	
Aside Activities	
Observed Problems	

Shift Date	30.11.2012-Friday
Shift Time	00-08
Shifter Names	Fabrizio, Alan
Program Done	Pb and Cu(Al) modules, special runs with electrons
Beam Info	60, 80 and 100 GeV e-, stable
Aside Activities	
Observed Problems	Gate problems with ancillary detectors, fixed through power cycling of crates and reloading FPGA software

Shift Date	30.11.2012-Friday
Shift Time	08-16
Shifter Names	Tim, Laura
Program Done	energy scan electron beam cu&pb modules ended (pg. 75 logbook). Calorimeter at (0,0). IT in. Crystal detectors in place.
Beam Info	some instabilities

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Aside Activities	
Observed Problems	

Shift Date	30.11.2012
Shift Time	16-24
Shifter Names	Guido, Marco
Program Done	calibration of the upper line of the neutron counters(13-20)- beam on tower 5- start 2M evts data taking-S5 saturation for deep shower -pag 77-79s
Beam Info	180 pai+ veto in 7-8K/spill
Aside Activities	DRS short run
Observed Problems	DAQ stop 3/4 times at 10K beam intensity

Shift Date	1.12.2012
Shift Time	0-8
Shifter Names	Andy, John
Program Done	Finished 2Mevts for lead module and completed 2Mevts for copper module (with saturation).
Beam Info	180 pi+
Aside Activities	
Observed Problems	Several DAQ problems

Shift Date	1.12.2012
Shift Time	8-16
Shifter Names	Tim, Alan
Program Done	2Mevt for copper and lead modules with adjusted voltages for CuAl2 and T15.
Beam Info	180 pi+
Aside Activities	
Observed Problems	DAQ would stop, fixed with power cycle.

Shift Date	1.12.2012
Shift Time	16-24
Shifter Names	Guido, Marco, Gabri
Program Done	Calibration with lower HV in T15 and Al-Cu2 using 80 GeV e+ beam; finding crystal positions;
Beam Info	stable beam
Aside Activities	none
Observed Problems	none

Shift Date	2.12.2012
Shift Time	00-08
Shifter Names	Sehwook,Laura
Program Done	Crystals measurement with different Pb depth at the front (electrons 80 Gev)- (logbook pg. 90-100)

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Beam Info	some instabilities
Aside Activities	no activity
Observed Problems	Data were non correctly transferred and saved. Alessandro rebooted pcdream, pcdreamdaq2, and dreamix2. Voltage went suddenly off on DWC1.

Shift Date	
Shift Time	
Shifter Names	
Program Done	
Beam Info	
Aside Activities	
Observed Problems	

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