



CALO News

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Activities in the cavern: Last Access!

◆ ECAL:

- Integrator boards re-installation and last checks:
 - A-side: June 19-22
 - C-side: July 1-2
- Last checks/repairs: September 4

◆ HCAL:

- Last checks/repairs:
 - end of June and September 2nd

◆ PS:

- LV patch panel exchanged: June 29 (A-side)-30(C-side)
- VFE electronics maintenance:
 - A-side: June 29-30
 - C-side: July 1

Activities in the cavern: Last Access!

- ◆ Turbines exchanged
 - By groups of 3 (3 spares!): July 13-27
 - Many thanks to G. Decreuze, L. Roy, Robert, Rustem, Evgueny T., Anatoly, Frederic, ...
- ◆ CROC shielding operation: September 2-4
 - Very fast!
- ◆ Survey & alignment
 - PS/SPD: July 2-3 with beam pipe protection
 - No re-alignment done
- ◆ Detector closing (test ...): July 8
 - Some gap for PS between A and C-side ~10 mm
 - Gap, rotation and banana shape for SPD ...

PS & SPD Closing

PS

SPD

Without beam pipe
protection
08/07/09

7.71

0.00

C-side

A-side

IP

8.61

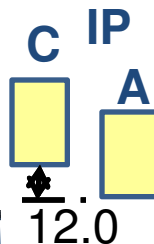
5.70

9.30

12.0

10.25

8.00



Planning

◆ Detector closing

- PS/SPD alignment and survey: September 14
- SPD LEAD PS ECAL HCAL closing: September 15-16

◆ DCS should be ready (in action!) as soon as possible ...

◆ Running:

- Muon people interested for cosmic trigger
- TED run: October 12-13 preferable or October 8-9
- Injection test October 24-25
- Shifts, piquet, ... should start beginning of November
 - Training session: October 21?
 - Monitoring overview, calibration, ...: October 6 or 7 (sw + gc week)?

CALO Publications

PS/SPD construction	Pascal/Evgeny	draft is almost ready
PS/SPD test beam performance	Pascal/Evgeny	<i>in preparation ??</i>
HCAL construction and performance	Rustem	<i>conference proceedings</i>
ECAL construction and quality control	Kirill	notes LHCb-2007-148
ECAL test beam performance*	Ivan	draft is almost ready 2007-147 <i>results presented at Vienna conf.</i>
PS electronics	Pascal	<i>in preparation ??</i>
SPD electronics	David Gascon	12th Workshop on Electronics for LHC and future experiments, Valencia, Sept. 2006
HCAL/ECAL:		
CROC	Frederic	ready for distribution ??
FEB	Frederic	<i>in preparation ??</i>
Test of MAPMT for PS/SPD	Stephane/Lluis	<i>in preparation ??</i>
Test of PMT for HCAL/ECAL	Bernard	promised ?
LHCb calorimeter HV system	Anatoli	NIM A, vol. 571, p.294-299
Calorimeter tests with cosmics Timing		

SAFETY

◆ Reminder:

- Safety is the priority during works
- Switch off electrical equipments before any intervention
 - ECS is not reliable!
 - Manual switch off is mandatory
 - button with a sticker and name of intervention responsible with indications not to switch on before authorization
- Fill a form for authorization prior any works inside the cavern