

# HCAL DOC shift: July 28 - August 4

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BROWN

# Outline

- Time period:
  - Full shift runs from Mon., July 28 - Mon., August 11
  - Last report covered Mon., July 28 - Mon., August 4
  - This report covers Mon., August 4 - Mon., August 11
- Issues encountered:
  - Laser commissioning
  - Glitch in PVSS
  - HFM08 CCM replaced
  - New RCMS interface now default
  - HO now back to TTC (was TCDS)
- Also:
  - uTCA commissioning continues (will not discuss here)

# Laser commissioning

- e-logs: 821442, 821523, 821555
- Too much work to list here (ongoing)
- Now able to take laser runs and observe signal
- Some strange features:
  - Runs occasionally stop at 25 events
  - Occasionally “missing” FEDs in HBHE laser runs
  - See PFG report (next talk)

# Glitch in PVSS

- e-log: 821531
- Symptoms:
  - All HCAL subsystems' statuses set to "dead" in DCS.
  - Happened between 09:30 and 10:30 on Thursday
  - Not limited to HCAL: all CMS systems experienced this
  - Only lasted a few minutes
- Solution:
  - No action taken by DOC
  - Configured local runs afterwards to check system

# HFM08 CCM replaced: Thanks, Alexi & Olga!

- e-logs: 821552, 821535, 821560
- Installed on Thursday
- CCM 209 is installed and working
- All QPLLs lock
- ADC reading temperature

# New RCMS interface now default: Thanks, John!

- e-log: **821655**
- Installed on Friday

HCAL Run Control

Tag: RCMS\_4\_0\_0  
User: hcalpro

Configuration Chooser  
Running Configurations  
Diagnostic Page  
Logging Collector  
Controller  
Monitoring Tools  
Administration  
Run Info  
Logout

Full Path: /hcalpro/USC55\_SLCT6/HQ/Laser  
Group Name: HCAL\_HQ

Detach Destroy  
Refresh Status Display  
Status Table  
Pause Halt Stop Reset  
Show Command Parameter Section

Enable user control	Parameter	Value
<input type="checkbox"/>	Number of Events	10000
	Events Taken	100
	Run Number	224720

Set Enabled Parameters Refresh Parameters  
View Global Parameters

CMS HCAL Group  
CERN 2014  
http://hcal.cern.ch

# HO now back to TTC (was TCDS)

- e-log: 821649
- Switched on Friday
- Question on behalf of future DOCs:
  - Should we update local run list for HO?