Period report

E. Burtin, CEA-Saclay
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Summary

• Beam schedule
  – 25 ns beam until Monday 8:00
  – no beam since then (158 GeV protons in SPS)

• Tasks performed
  – polarized target removed
  – ECAL 2 rearrangement
  – CEDAR and Beam killer studies with beam
  – Hardware installation
  – SM2 water leak « fixed »
Studies with beam

• Beam killer #1 and #2
  – timing measured (>100ns earlier than BT)
• CEDAR
  – signal discrimination in the tunnel:
    timing 40-16 ns earlier than Beam Trigger
    gain of 20-30 ns possible (cable cut)
    ... but will not be included in the trigger
  – included in the DAQ
Hardware Installation

- 3 beam killers in place
- Silicon (4/5) in place, read-out checked.
- Primakoff hodoscope:
  - in place, timing checked with cosmics
- Vetobox, Sandwich, Multiplicity counter in place
- SciFi 3 in place, surveyed on Monday
- CH$_2$ Target holder for RICH APV studies to be built and installed.

almost everything in place for hadron run.
SM2 water leak

• After exchange of piping and re-threading:
  – water opened for 8 hours
  – there is still a minor leak:
    ~1 drop / 5 min

• Considered as « fixed »
  – tightenning could result in damage to the welding of the pipe in the coil ... too risky !
  – water flow will be restarted on monday 18.
  – wait for the end of the run to take new action.
Other events

• Power cut (Monday 11, 15:00)
  – most of 888 affected, reason not known
  – could not restart RICH PD compressor (Rich group will take action on Monday 18)

• DC and Straw before Rich moved out to allow for APV boards installation

• PLC3
  – display is frozen (expert working)
  – good infos are sent to DCS, flowmeters OK.

• DAQ was checked, OK.
Outline

almost everything in place for hadron run

now, we need the beam to commission newly installed detectors.