Period Coordinator
Report

September 17 – September 24
Josef Pochodzalla
Overview September 17, 14:00 – September 24, 14:00

- RICH internal water cooling
- MW1 shortage
- Boosters problem
- CPS problem
- Alignments runs
- MM
- Saclay Target crew
- Beamline (MIB), trigger diagrams

17.-24. September 2004
Josef Pochodzalla
Major Events

- Sep. 18: RICH: internal cooling water circuit of electronics
- Sep. 19: shortage in MW1
- Sep. 20: internal RICH cooling water circuit
- Sep. 21: MM; trigger problem: CAEN 1 was off
- Sep. 22: intermission due to Saclay target crew
- Sep. 23: beamline alarm (MIB)
Minor things

- DAQ hick ups (1-2/shift); significant improvement during the week
- Slow control communication errors (~1/day)
  - hodoscopes (CAEN)
  - RICH
- Trips
  - MM03, MM02U, MM01 (~1/shift)
  - STRAW (ST06, ST04X)
  - Hodoscope: 1 × LeCroy crate, 1 × CAEN#1
- *fake* gas alarms (~1/day) (hopefully fixed now)
- unstable beam: slow decrease of intensity; missing spills; several machine problems
- HCAL threshold lost
Summary

- longitudinal running
- PS/SPS efficiency: 88.0%
- total spectrometer efficiency: 88.9%
- usage of spills
  - physics– 48.3% 11533
  - physics+ 51.1% 12221
  - field rotation 4.6% 1099
  - alignment 0.6% 151