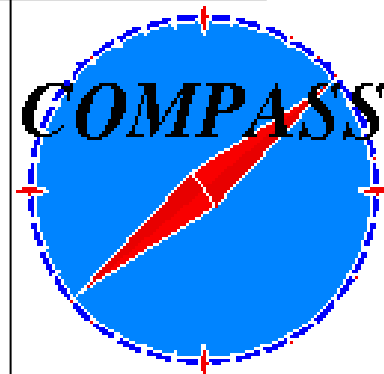
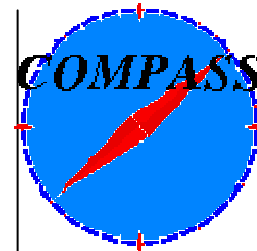


Period Coordinator Report

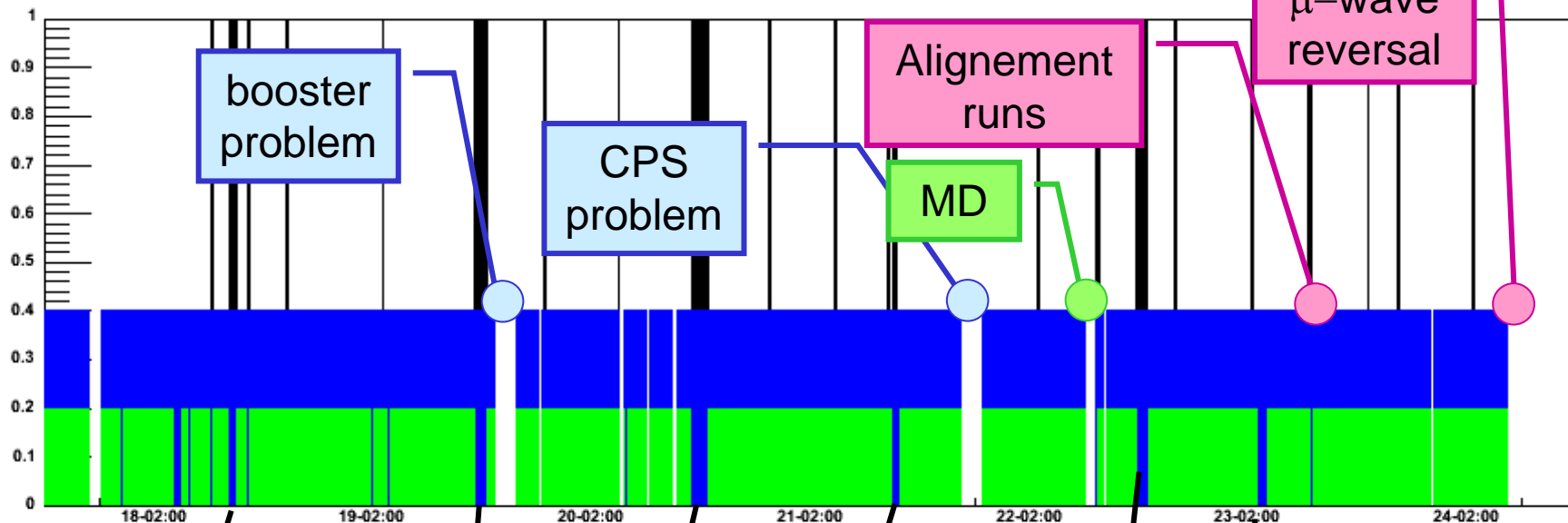
September 17 – September 24
Josef Pochodzalla





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

DAQ WORKING TIME(green)/BEAM NOT IN HALL TIME(BLACK)/SPS WORKING TIME(BLUE)



MW1 shortage

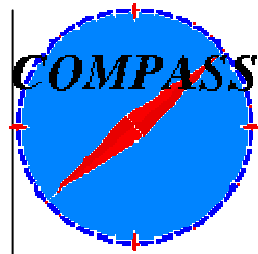
RICH/DAQ cooling water

RICH internal water cooling

MM

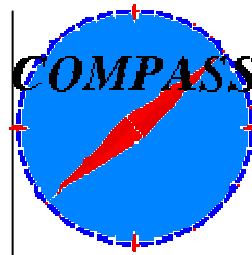
Saclay Target crew

beamline (MIB), trigger diagrams



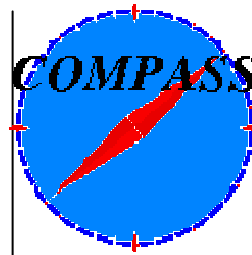
Major Events

- 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
 - alignement 0.6% 151