

Period Coordinator Report

10 September to
17 September 2004

Major Problems

- no beam from 12:45 – 13:50 on Fri: 1h lost
(water leak in transfer tunnel magnet to East Hall)
no beam from 15:00 – 18:00 on Sat: 3h (TT water leak)
no beam from 20:00 – 03:00 on Sat: 7h (TT water leak)
- door 221 did not open on Sat: lost 1h45'
- MM02X does not hold HV after alignment run on Mon:
replaced during MD by spare
- BORA 14 (PD2) replaced on Wed, has lower efficiency
- SPS magnet had water leak on Wednesday
temporarily fix until Thu, then repair from Thu 7:30 to Fri 3:40

Minor Hick-ups

- straw trips happened twice in a short time window: 17 trips in 3.5h on Fri 10.9, 6 trips in ½ h on Sat 11.9
- partly lower beam intensity on Fri, Sat, Sun, Thu
- key access for MW2-LV, BMS, PD0-LV, GEM01X1 repairs on Sat (mostly during beam off time)
- several accesses to put PD0-LV on (power supply not changed during MD)
- assorted trips of MM03, Straws, Hodo, BMS
- frequent RICHcontrol problems: typ. once per shift
- Bend4/5 went off due to radiation alarm on Mon

Other Items

- access on Wed:
replaced MM02X, PD0-LV, PMT-hodo, disk pccold03
work on PA06X1, SADC
prepared area outside of exp^t for veto-box, PT
surveillance of polarised target
- new version of Cinderella tested on Wed during MD,
but did not work properly
revised version was installed on Friday morning
- 450 SADC channels included in DAQ

Longitudinal Running Mode

start on Fri with +53.5% and -45.8% polarsatⁿ
end on Fri with +56.9% and -49.3% !! Record !!

Total # runs 50+ and 45- = 95 good runs

Total SPS efficiency \simeq 73%

Total Spectrometer efficiency \simeq 86%