

2017-09-12-MIPO

CW, PG, AB

Agenda

Actions

JB M2 plan ongoing
JP solenoid mode settings.

- H2 system status
Final leak check followed by cooldown tonight.
- Magnets – AB
Di/dt circuit on SSU repaired – SF to test
SSD vacuum – feedthrough heaters on today.
FC – also has insulating vacuum leak from helium volume.
- Tracker
Still high number of dead channels – may move connectors.
Tracker meeting Wed. to decide connector swaps
Electronic problem.
- Controls – AK

Daily Hall meeting 09.30 ISIS coffee lounge.

DC cover everything except Sat morning.

Beam on Thursday for Beam bump tuning – may not be available – 3V beam loss.

- * Controls summary.
- * Main focus on updating the values in the spreadsheets and fixing bugs (some of which are fundamental problems).
 - * Need to change the way status bits are handled.
 - * Validation of the state machines and current values in the cdb.
- * Alarm clearance.
 - * Ran through current alarms with Paolo and identified which were due to hardware issues, software issues and those that needed limits to be changed.
 - * Paolo will follow up these issues with the system owners.
- * Luminosity monitor stale read back. Tracked down and fixed issue with Craig and Paolo. Problem was with bad network cables between voltage sensor and security probe.
- * Detector ioc restarted to fix the stale values read from the security probe (used for a variety of environment and detector monitoring sensors).
 - * Similar problem can happen for the other iocs that read from the security probe.
 - * Now have a script to check this and provide alerts via NAGIOS and the alarm handler.
- * Beam line ioc needed updates to fix a couple of issues and was restarted.
- * Tracker
 - * Updated Tracker software with final changes Ed had made.
 - * Issues on Friday with interlocks not tripping the cryo-coolers or cryo power supplies. Needs further investigation/clarification.