

2016-10-25-MIPO

CW, PG, AB, PS, JP, AG, KL, PMH,

Agenda.

- Actions – none to report.
- Magnets.
 - Mechanical
 - Restraint/bellows 'bridge'
 - Absorber change/position - slight bellows extension. OK. Agreed to +2mm
 - Spectrometer solenoids
 - Status update – AB.
 - SSD has multiple ground faults – adding heat to feedthroughs pushes impedance up. IR losses during running keeps Cryo neutral at 3T all stable
 - SSU has external PS problem - current change induced by PS - diode tray? – investigate during shutdown – raise threshold on M1 VTs by 150mV to 300mV.
Possibly controls/controls cable issue.
SF arrives today.
Magnet intervention on Nov 9th SF, AB, TA, KyleMcolm, AMcW.
TA, MT AB reviewed vacuum event on September 23rd 2015 – un-explained by gas evolution at temperature recorded.
SF tutorial on QD system
- Electrical feedthrough 'air/heat provision' – industrial heater and blower provision.
- PMH mods to QD – for Feb run.
 - Allow shifters to do basic QD work without
 - Report – status of data-loggers
 - Allow start of data-logger and put QPS in balance mode from MLCR
- Focus coil - JB/JC.
KL- FC is operating well.
- Magnet shifter. MEOC – SS weighted – SS less robust. Investigate local experts for SS magnets – KL this requires US personnel and we must train personnel. Nov-Dec run requires US personnel and train UK personnel in SS magnets.

- Hall Water – CW.
Reasonable situation but not ideal.
Cryo-cooler in loading bay.
- H2 system. – VB
Cryo-cooler in preparation.
- Shutdown task list. To be circulated at end of day by C.Whyte.
 - Magnet location.
 - Hall water.
- November ISIS run period
 - Magnet settings.
Next MEMO KL CR will present magnet settings. CW will circulate to MIPO.
Do we need empty channel running for 'cooling'
CW to discuss with JT response from SV on bobbin forces. Action CW to convene magnet forces discussion to next MIPO.
 - Data-taking.
1st week night shift only – 2 shifts 'MICE run-up'
24hr for remaining 3 weeks.
PMH ISIS loss threshold? KL, get our expt working to schedule first.

AOB.

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