

MIPO 17-08-15

CW, PH, AN, JB, AK, KL, PS, PG, JP

- H2 :
 - Working well with Neon
 - Vent valve approved - provided He is plumbed to purge H2 insulation volume post H2 release.
 - Fire officer meeting – MICE to provide simple instruction for Firemen
 - Paperwork - in progress.
 - Extract fans are atex rated.
 - H2 detectors need calibration.
 - Good progress but not quite complete.
 - Hardware missing for Thursday inspection.
 - Vacuum pipework to complete today. MT to check tomorrow. Precool next week.
 - H2 group meeting tomorrow – produce timetable for period 29th August to 19th September with expert shift cover rota.

- Magnets
 - re-commissioning – PH
 - Planned to run over weekend
 - completed Saturday
 - Run to 10 A pre test,
 - 50A and fast ramp,
 - 208A, all coils SSU, ECE SSD.
 - 1 issue with voltage re-set on ramp down – SSU
 - AK/PO to investigate – setting up to test Friday.
 - Cryo headroom on SSD is low – should allow improvement once adsorbers arrive and are installed. Next few weeks.
 - FC possible leak on FC – MT to check now. - Looks to be internal.
 - M2 - Risk assessment.
 - Useful discussion of past measurements and recent tests
 - Resistances have not changed - No improvements either
 - Worst case risk remains failure of He volume – risk is not changed
 - Next cycle may be last ISIS cycle for MICE, optics are better with M2
 - Pressure rise in SSD – helium leak - manageable. Pumping configuration to be decided.
 - No in principal objection to running M2, one should take data before switching on M2.
 - JP showed sims for 195A in M2 SSD.
 - M2 has been run to 60A only.
 - KL has circulated run-plan for discussion. Powering of M2 starts 'mid-way' through cycle – contingency.
 - Magnet experts should develop plan to run up M2. **Action JB**
 - Accelerator experts to determine solenoid mode currents. **Action JP** to present 4 settings solenoid mode MEMO.

- Tracker - AB/EO
 - Last week AB repaired cassette leaks.
 - Cryostats have been warm and under vacuum for ~1 month.
 - Currently taking inventory of channels 30% dead channels Cryo1. Worst cassette is the one which has had a leak repaired. Post meeting note (CW) Other Cryos improved by extended pumping – experts to consider warm up and pump of cryo1 now leaks are sealed.
 - Hand over to MU, PK going well.

- Controls – AK
 - Main focus – H2 IOC now complete & under validation – some corrections being made – MT feedback.
 - New GUI, expert and shifter
 - Alarm handler soon in operation
 - ISIS to get copy to shifter GUI – near complete.
 - Controls for SS magnet voltage set to zero.

- 'False' alarms identified for Mom/DC monitoring.
- AOB