



CM47 CB 14/02/17

Project Manager's Report

Controls & Monitoring



Pierrick Hanlet now left MICE and started new employment.

Controls
Experiment Integration Scientist
US local magnet expert
Local staff

Ajit Kurup
Paul Hodgson
Un-filled
Durga Rajaram
Paolo Franchini
Josef Boehm

- Several associated problems
 - Hand-over not well documented, working to build documentation as we work
 - Ajit Kurup migrating code from Dev to Pro.
 - DL help mandatory and freely given.

6 man DL team at RAL last week

- Full task list completed, magnets ramped to 10A .
RAL team ramped magnets to 15A with QPS early this week
Current problem with Canbus – Watchdog fail.

Safety

All tasks resulting from most recent SoPS now completed.

- PPD review
 - Long fairly intensive day but very productive
 - Immediate feedback – PPD reassured, selection of ‘nice things’ said
 - Thanks must go to PPD and John Thomason and Duncan Francis of ISIS.
- C&M review – winding up.
 -
- Review of incident completed December.
- Outcomes
 - Administrative controls tightened.
 - Technical changes (instruction set reduction, confirmation pop-up)
 - Clarification of use of SC permit.

Current Status



Excellent Data-taking run ISIS 2016/04.

- Fully staffed 24/7
- Efficient data taking, 160% of expectation achieved.

Upcoming run ISIS 2016/05 starts 14/02/17

- Plan to ramp magnets to operating point today.
- ~20 day run, **near** fully staffed for running 24/7

Liquid Hydrogen

- Stop data-taking early to install Liquid H₂ system.
- Ideal option would have been to have H₂ for ISIS 2016/05 and ISIS 2017/01.
- UTD – do we prefer ISIS 2017/02 for H₂?

Next?

UTD starts June 2017

- Liquid H₂. ISIS 2017/01 only.
- H₂ system removed June 2017 – never to return?

Delay UTD to after ISIS 2017/02

- Data-taking starts in ISIS 2018/01 May 2018
 - use 2 ISIS run periods? Data through to end Oct/Dec 2018?
- Extends overall program – cost.
- Fits better with ‘possible’ funding profile.