



# EB January 13th 2017

## Project Manager's Report

# Data- taking

Excellent performance ISIS 2016/04

- 5 out of 3 planned data sets completed
- ISIS uptime main limitation
- Microsoft moment delayed until after completion of datasets
  - minimum 'damage' but still frustrating as 'known problem'.
  - Lack of attention to detail allowed problem to manifest.
- Start ISIS 2016/05 with LiH and 'Flip-mode' magnetic field configuration
  - Testing of magnets in preparation started this week.
- Liquid H2 decision pending results in R9. Earliest possible ready date would now be start of ISIS 2017/01 - 02/05/2017

# Controls & Monitoring



Pierrick Hanlet moving to new post – congratulations

- Ajit Kurup to lead C&M
  - hand over date 13<sup>th</sup> Jan 2017 – today
  - Planned hand-over with support from P Hanlet until end Jan
  - Training of magnet expert personnel in SS operation now pays off – M Courthold/J Boehm.
- Paul Hodgson – integration scientist.
- US magnet staff on site tbc.
- Detail changes to C&M for new run in progress see

<http://micewww.pp.rl.ac.uk/attachments/download/8132>

# Safety & LH2

## Review of MICE safety management

- Scheduled 02/02/2017
- Tim Durkin PPD to lead

## Rolling review of MICE C&M

- 2 productive meetings, good progress.

## Liquid Hydrogen

- Huge effort and improvement over Xmas break
- Cooldown reached less than 20K
- Move to attempt liquid neon test.

# Hall- Mechanical

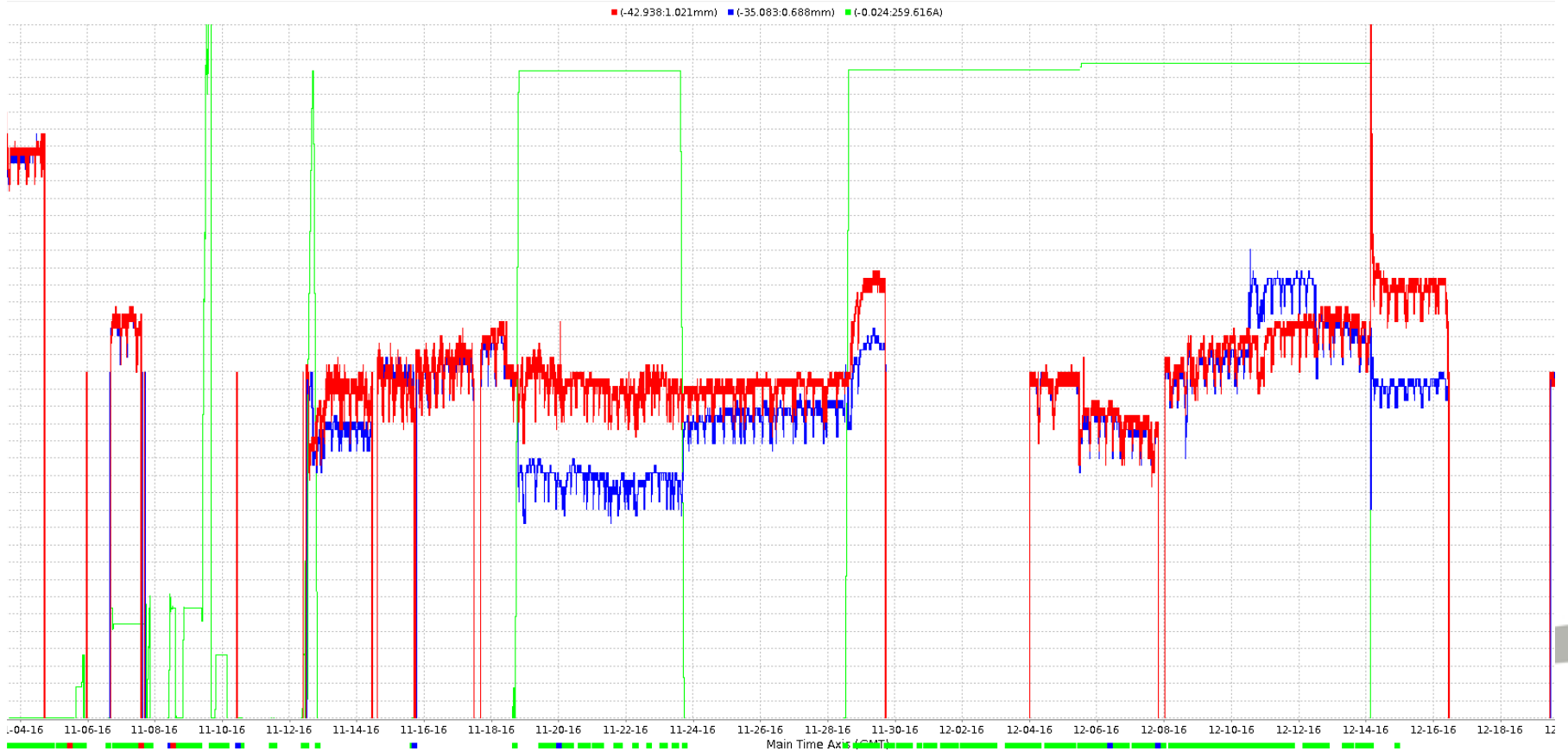


- Week beginning 16<sup>th</sup> Jan – **Hall open**
  - Water modifications – connection loading bay chiller to trench heat exchanger.
- Week beginning 23<sup>rd</sup> Jan – **Hall open**
  - system start up in control room led by Ajit Kurup/Ed Overton. Magnets into shorts Hall open.
- Week beginning 30<sup>th</sup> Jan – **Hall open.**
  - Daresbury lab staff Mon through Thurs.
- Week beginning 6<sup>th</sup> Feb – **Hall locked and searched**
- **Feb 14<sup>th</sup> 8am ISIS cycle 2016/05.**



# Draw Wire Measurements

Magnet movement reduced to of order  $\pm 0.3\text{mm}$ . Not clearly linked to magnet current. Measurement 'drift'? Thermal issues?



# Admin

- Collaboration meeting 13<sup>th</sup> – 15<sup>th</sup> February
- RLSR/MPB 7<sup>th</sup>–8<sup>th</sup> March

## Finance

Some flexibility to spend in run up to year end

- Package managers asked for list of 'required' spares
- Suggestions welcome.