



# Project Manager's Report

Colin Whyte

# MICE de-commissioning

- Started collecting information on equipment to be returned to owners
- Position survey
- Magnet mapping
- MICE likely to lose R9 'soon' plan for orderly exit.
  - Storage in MICE Hall
  - FC move.

# Post Run Survey

- Magnet positions
  - Superconducting
    - SSU, FC, SSD
  - Conventional
    - Q 7,8,9 Q 4,5,6 Q 1,2,3

- Diffuser

## – Detectors

- ToF
  - ToF 0, 1 & 2
- KL
- Cherenkov
- EMR

## – Trackers

- ‘Frames’
- Hall probes

### Key

Before SYNC closes – done

Before DSA closes – done

Now – completed this morning.

Week starting 19<sup>th</sup> February

Anytime before end March

January		January				February							
		Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon	Mon
		08/01/2018	15/01/2018	22/01/2018	29/01/2018	05/02/2018	12/02/2018	19/02/2018	26/02/2018	05/03/2018	12/03/2018	19/03/2018	26/03/2018
<b>CM50</b>									CM50				
<b>Survey</b>	Magnets	SSU		DSA/Sync Complete	Survey complete								
<b>Decision on data</b>						Decision							
<b>Magnet Mapping</b>		EMR/KL/ToF2 move back to beamstop											
		Survey TKD in place											
		Extract TKD and survey hall probes											
		Survey TKU in place											
		Extract TKU and survey hall probes											
		Install mapper and map SSD											
<b>De-commissioning</b>	PPS	week 8 <sup>th</sup> Jan	PPS checks	Complete									
	Magnets and cryogenics	SSU&D											
		FC											
	Detectors	DS											
		ToF											
		EMR											
		Cherenkov Trackers											
	Gases	Nitrogen											
		KL											
	Electrical power	Supercon magnets											
		Rack room											
	Water and Cooling												
	Air-Con												
	Vacuum	Tracker cryo											
interspace													
SSU													
SSD													
FC													
Didcot		Clear - ship / Hall											
Daresbury		Tidy and ship											
Computing		Move.											

# De-commissioning plan

# De-commissioning Plan

Now

- Survey near complete – SSU&D, FC
- PPS and Oxygen depletion system
  - complete for handover.
- Detectors de-cabled
- DS off
- Nitrogen gas off

# De-commissioning Plan

After decision

- FC: switch off and move off line
- Tracker cryo and vacuum: switch off and move to tracker lab.
- Remove diffuser – send to Oxford.
- Survey and extract trackers
  - Week beginning 19<sup>th</sup> February
  - Trackers to RAL CMM for hall probe survey
- Remove tracker butterflys
- Remove PRY endplates

# Magnet map in PRY

- Magnet mapping group from CERN
  - Week of March 19th.
  - Melissa has Hall probes at RAL – send 1 to CERN.
  - Equipment at CERN still available and complete
  - Testing in progress now.
- Plan in place
  - Timetable looks OK
  - Personnel booked and available including T Millington
  - Requires SS QPS re-start and test – A Bross CM50?
  - J Boehm available to run magnets.
  - Requires DC for oversight.
  - Magnet braces. SSU to SSD.

# Equipment

- Equipment maintained in Hall until June.
- CM50 - excellent opportunity to review equipment status.
- ISIS will retain beamline to beam-stop
  - Disassemble and scrap SS magnets?
  - Scrap PRY?
  - Requires resource.
  - Beamline remains in place.
  - Target skill transfer to ISIS - in progress.