

# Schedule and Work



- We are nearing the completion of a very intensive period of work. Still have a number of critical aspects to complete before step IV data taking can begin in earnest
  - Electrical – additional work for magnet operations
  - SS Magnet - commissioning
  - FC Magnet - partial warm up – diagnosis
    - May move compressors closer to FC
  - Access scaffold – partially complete.
  - Jib crane for He dewars.
  - Modifications to floor.
  - Hydrogen pipework has just been x-rayed
  - Controls and Monitoring – all groups should expect communication from Pierrick on required data logging channels and frequency – please respond.
  - Leak at Diffuser
    - major intervention
    - magnets off
    - PRY end plates removed
    - Trying to compress timetable
    - Some disruption inevitable



# Hall Safety

- Now operating under 'MICE Operating Instructions 01'.
  - Procedures being updated.
  - 'Safety Reviews' on MICE Mine.
- Hall now a very different place to work, with magnetic field and ODH.
- Access much more limited. Control of all things magnetic/conducting.
- Safety of personnel, and equipment, at all times will be paramount.



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- Starting work on Demonstration of Ionisation Cooling
  - RF Cavity Review 9<sup>th</sup>&10<sup>th</sup> September at RAL
- Off line testing of RF Cavities next to North Wall
  - Requires RF amplifiers with controls in Hall by end Summer 2016.
  - RF Amplifiers built up at Daresbury
  - RF controls built and tested at DL, installed at RAL
  - Cavities arrive May/June 2016
    - Delivery checks.
    - Vacuum pumpdown
    - Cavity cooling.
    - High power tests/conditioning.
  - RF cavities moved online vacuum system completed and pumped
- Current start date is 1<sup>st</sup> June 2016.
  - This is in the middle of planned ISIS cycle,
    - either stop Step IV at end of previous cycle in March/April
    - or run to end cycle in July 2016

