

# Schedule and 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 currently working on
    - SS diode packs
    - FC earth protection
    - E-stops
    - Power supply stability
  - Vacuum bellows.
  - SS Magnet - commissioning
  - FC Magnet - partial warm up – diagnosis – likely to be ‘poor’ vacuum
    - Compressors moved closer to FC
  - Access scaffold - Modifications to floor complete.
  - He dewar delivery matched to crane operator availability
  - Controls and Monitoring – all groups should expect communication from Pierrick on required data logging channels and frequency – please respond.
  - Leak at Diffuser
    - Next ISIS off cycle



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- Work on Demonstration of Ionisation Cooling
  - RF Cavity Review 9<sup>th</sup>&10<sup>th</sup> September at RAL
    - Vacuum
    - Clean room
    - Ionising radiation safety
    - Co-ax connection
  - Off line testing of RF Cavities next to North Wall
    - Requires RF amplifiers with controls in Hall by end Summer 2016.
    - RF Amplifiers work continuing, some improvements in process at Daresbury
    - Cavities arrive May/June 2016.
    - RF cavities moved online vacuum system completed and pumped
- Current start date is 1<sup>st</sup> June 2016.
  - New ISIS cycle timetable 2016

