

Assumptions

1. Running Step IV until end 2016.
2. All ISIS periods used for data. Step IV decommissioning delayed by 6 months.
3. Cold mass available 2nd quarter 2017 - SSD available end 2017.
4. Project plan timescales for all other tasks remain as estimated in Project plan presented to Oct '15 MPB/RLSR
5. Magnet commissioning can be completed in 1 month.

With the above assumptions – data taking starts

22/03/18

Notes

1. Current plan has
 - RF cavities prepared for RF 01/08/2016
 - RF cavities on beam line 29/05/2017
 - RF tested at high power on line 27/09/2017.
 - SSD in place 11/01/2018
 - MDIC complete 22/03/2018
 - Data as original plan, 29/01/2019
2. RF Amplifier build in Hall conflicts with ISIS running periods 2016/03 and then 2016/04. The 48 working day installation period conflicts at 50%.
 - Crass assumption of RF completes after end 2016 (due to conflicts with data-taking in 2016, this gives an additional 1 month hall access to complete amplifiers) has
 - RF tested at high power on-line 20/10/2017. Relevant comparison date is 13/02/2018 for completion of PRY ready to commission magnets.
 - Offers the chance to delay RF cavity delivery without affecting final completion timescales given above assumptions.
3. PRY is off critical path there is now no possibility to advance program with early completion of PRY before RF tests complete.
4. No advantage to reduction in RF testing once on-line without B field (previously a 'cut-able' task as cavities will already have been tested off-line)