MICE bimonthly project update #1

1 Introduction

In its feedback following the November 2014 review of the MICE project, the Resource Loaded Schedule Review panel asked for bi-monthly updates on progress. This is the first such update. The updated project dashboard may be found at http://micewww.pp.rl.ac.uk/dashboard/.

2 Schedule

Since the November 2014 review, changes to the re-baselined schedule have been minimal. The project dash-board and slip chart are shown in figure 1. The critical path is shown in figure 2. Two milestones have slipped:

- Compressors ready for Cooling Channel Tests: Installation of the final cooling-water connections to the compressors has slipped because labour allocated for this activity was re-directed to advance the installation of the PRY-support structures. The support structures are now complete, ready for the installation of the PRY-support legs. The slip in the compressor-ready milestone is on the order of 2 weeks.
- Rack Room 2 Complete: The shipment of materials from the spectrometer-solenoid manufacturer to the Daresbury Laboratory was a few weeks later than anticipated. This has had a knock-on effect on the construction of the racks and the subsequent installation of the racks into Rack Room 2 at RAL. In conjunction with the delay in delivery there were problems with securing the manpower required to carry out the construction and cabling at the Daresbury Laboratory and during the installation of the equipment at RAL. The racks have been brought to RAL in a single shipment. This was desirable to avoid splitting the single set of electrical engineers responsible for building-up the racks at DL and making them ready for operation at RAL.

Software and Computing:

On the recommendation of the RLSR panel the milestones for the Software and Computing project have now been included in the baseline schedule along with the tasks and activities required to achieve these milestones. The milestones are shown in figure 3. Progress against these milestones will be reported in the bi-monthly progress reports and in future reports to the RLSR panel and the MPB.

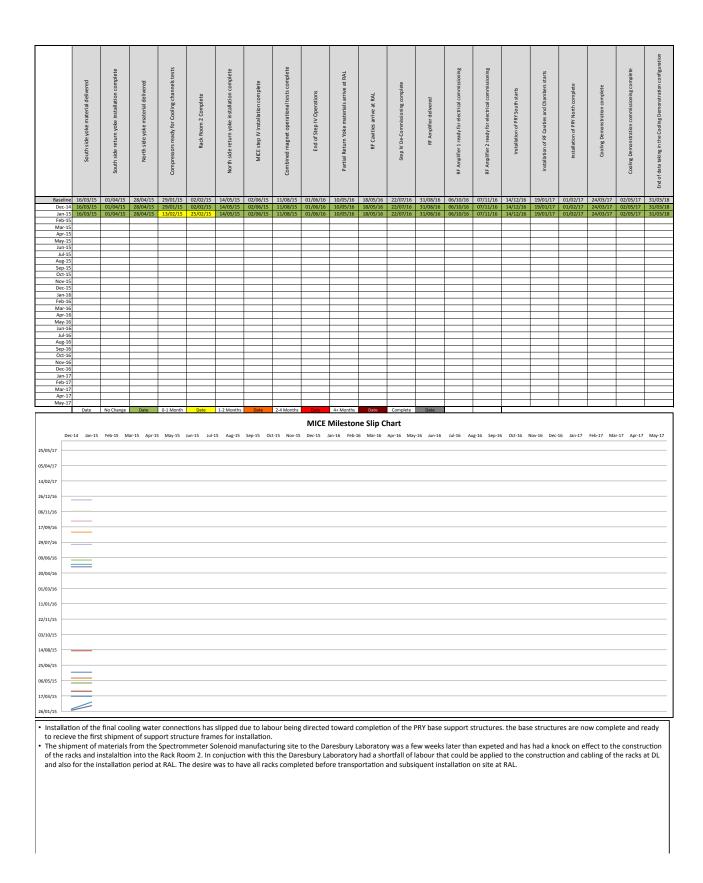


Figure 1: Dashboard and Slip chart for the MICE Project. The colour code indicates changes in dates refereed to the baseline presented at the November 2014 review of the project.

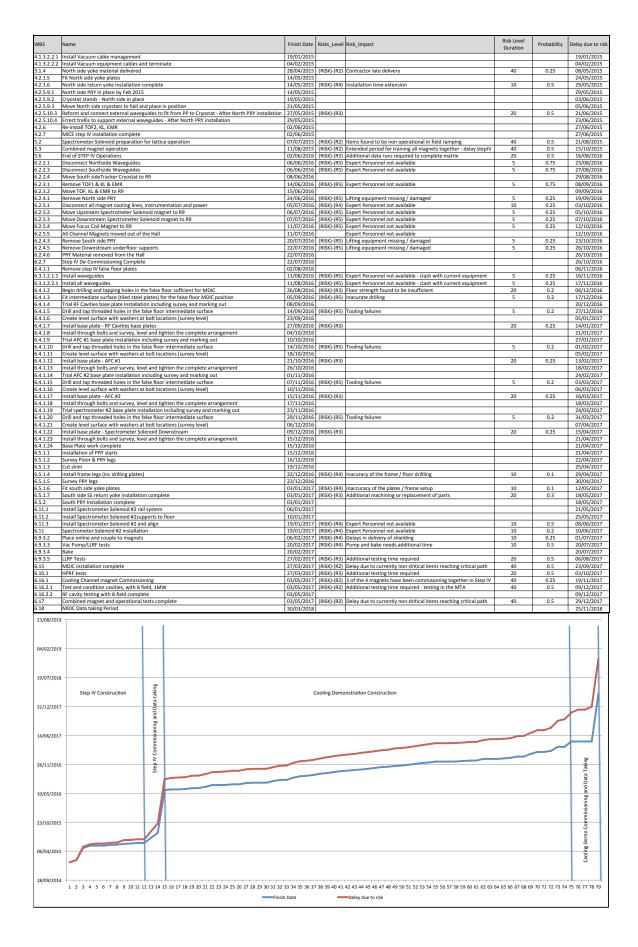


Figure 2: Critical Path to the completion of the MICE project. Commissioning and data-taking periods for both the Step IV and the cooling demonstration are shown. The vertical lines indicate the end of construction of each separate stage of the project.

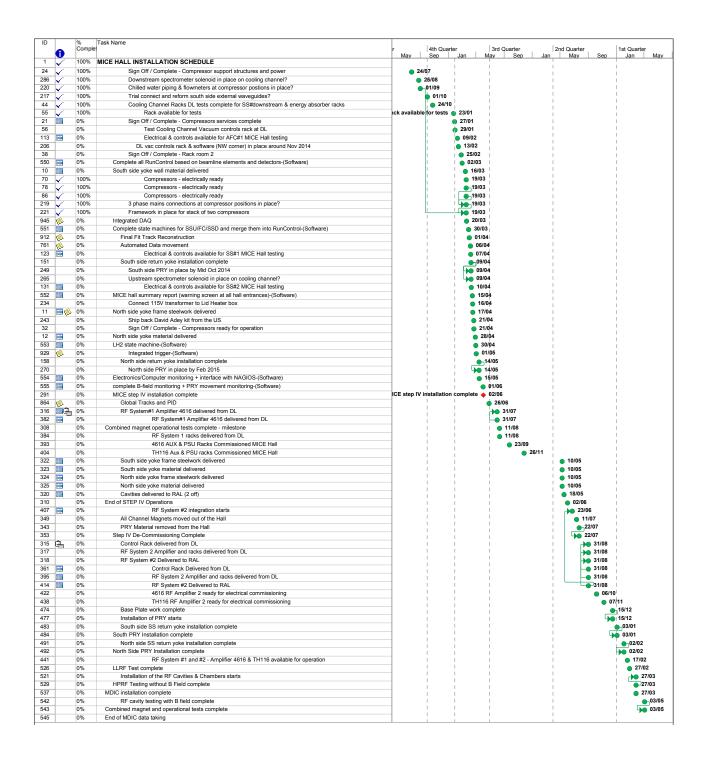


Figure 3: Chart showing the milestones defined for the MICE project. The Software and computing project milestones are now included in the waterfall plot.