



FEEDBACK AND ACTIONS FROM THE MEETING OF THE MICE OVERSIGHT COMMITTEE HELD ON 9TH OCTOBER 2013

The Collaboration's report was perfect in terms of the level of narrative detail, but the Committee suggests that in future, the different sub-sections needed to be better connected together. In addition, the financial information needs to be more detailed. The Office will provide template tables for future use.

Action: The Collaboration and the Office

The decision to employ the return-yoke solution to the stray magnetic field has been thoroughly investigated, and the Committee endorses the final decision.

With the delivery of the Spectrometer Solenoid, the RF power, the Electron Muon Ranger and the Radio Frequency Coupling module, clear progress has been made on the hardware. The delivery of the first Spectrometer Solenoid is a major milestone, and the Committee welcomed the news. The Committee are also encouraged by developments with the international collaboration.

The Committee noted the proposal to establish a MICE Experiment Management Office, agree that it is important that the UK collaboration recruit somebody to decide how experiments should be run and examine the decision making process. The Committee would like to see a more detailed proposal, with clearly identified roles and responsibilities, at its next meeting.

Action: The Collaboration

The Committee is pleased to see risk being presented as part of the overall report, and encourages the Collaboration to look at this more closely in identifying operational risks, especially in the light of recent incidents. The Committee would like to see an updated risk table, and requests that the Collaboration reconsiders its risk mitigation strategies.

Action: The Collaboration

The Committee would like to understand the long-term impact on MICE physics resulting from AFC #1 not operating above 187 A. The Committee would like to know by the end of January whether AFC #2 meets specification or operates in the same way as #1. The Collaboration should also clarify the contractual status of design changes in AFC from the original specification (number of turns vs. current) if AFC#2 behaves as AFC#2, and not operating above 187A compromises MICE physics.

Action: The Collaboration

Financial reporting needs to be tightened up. The Collaboration will discuss with the Office how this can be achieved.

Action: The Collaboration and the Office

The Committee is concerned about the effort that the Collaboration might expend on 'The 2014 review of accelerators' and recommends that this is minimized.

The successful quench testing on the Focus Coil is noted, but the Committee still has concerns about the training.



The Hall Manager post is critical to the success of the MICE installation, and the Committee believes that it is essential that the right person is recruited, even if this means re-advertising the post.

Action: The Collaboration

The Committee would like to understand how the UK Collaboration intends to control the overall system engineering aspects of MICE as a coherent project.

At some future point, the Committee would like to revisit the physics case for Step V vs. Step VI.

At the next meeting, the Committee would like to see details of the Collaboration's plans for online/offline software.

Action: The Collaboration

DATE OF THE NEXT MEETING

The Office will poll for dates in the week beginning 7 April 2014.