

MICE Collaboration Board Minutes

June 15, 2007

Address from ISIS representative (Dave Findlay)

Dave Findlay went through the commissioning schedule and major tasks, dominated by the proton beamline and synchrotron upgrades. The ISIS shutdown is scheduled from August 1 - October 2.

MICE was regarded as important to RAL and ISIS, but that there are other important projects as well.

Discussion was opened after Dave's presentation:

Alain: Asked about methane moderator changes and possible effect on MICE. Dave pointed out that there will be multiple changes, each one taking ~ 4 weeks, but this won't affect MICE.

Ken: Asked about possible conflict resources. Dave replied probably not. Follow-up remark that care should be taken about Christmas vacations affecting workers' availability.

Mike and Dan: Pointed out previous conflicts with heavy gang. Questions about if heavy gang can be augmented. Reply that problems are more with availability than numbers.

Alain: asked about formal request procedures leading to discussion of necessary resources.

- ISIS accelerator scientist requested for MICE for beamline and experiment
- list of issues should be made including emittance matching, effects of detector elements, ...

Ken: Common Fund question about who will write invoices; Paul Drumm has addressed this; need to know procedure by October.

Approval of the Minutes of the last Meeting – approved without objection

Ratification of new collaboration officers: Deputy Spokesperson, CB Chair

Deputy Spokesperson – Mike Zisman

CB Chair – Ken Long

Speakers Bureau Chair – Maurizio Bonisini

all ratified without objection.

Spokesman's Remarks (Alain Blondel)

1) Project Management

Paul Drumm has requested ending duties as Project Manager by September, 2007.

Despite repeated requests to RAL since 2005, a RAL physicist, DAQ expert, and beam expert have not been provided to MICE.

Short term (< 6 months) solution to fill Project Manager void is for Ken Long and Chris Nelson to perform duties. There was concern that this situation may be as untenable as having Paul doing all the work.

Long term solution is to have multiple people perform following duties

- Integration physicist
- Project Manager
- Hall Manager/Construction Design Management principal contractor
- ISIS liason/accelerator expert

Concerns expressed were about difficulties if one person tried to do competing tasks, about anyone volunteering to be at RAL long-term, and if relocation expenses would be provided. MICE EB and CB will consider these, and Ken Long will come up with detailed draft of request.

MICE Installation and Commissioning group

- Report at monthly videoconferences
- Hold special in-person monthly meetings
- Submissions to Malcolm's weekly newsletter are welcome.

2) Funding

Phase I funding set

Phase II funding almost set – main uncertainties are for 3rd magnetic focusing pair modules, the interruption of the Japanese funding, and the construction of coupling coils by China with U.S. funding.

Update to MICE Note 137 to be done by September.

Funding mostly set, but shortage of manpower is concern.

Technical Coordinator's Report (Ken Long for Paul Drumm)

This was dominated by the issues of the PSI solenoid leak and the impossibility of installing this before August 1 so that it will be installed during December shutdown.

Possibility of “weak beamline”, two possible staging areas for detectors, and scenarios for how/where to repair solenoid have just started to be thought through and discussed. Shutdown from Dec. 17, 2007 – Jan. 20, 2008. Concern of about 10 days not being available due to week-long RAL shutdown during week from Christmas – New Year’s Day. During this time, solenoid, dipole, quadrupoles 4 – 6, TOF, CKOV, ... will be installed.

Decisions to be arrived at through

- Monthly installation meetings
- DAQ and Control workshop in late July
- Beamline review in August
- DAQ and Control review in October
- Phase II review at the end of CM19

Report on Common Fund collaborator tally (Dan Kaplan for Chris Booth)

Only 16 of 33 institutions have sent in collaborator tally; no change since February meeting.

Specific difficulties pointed out with LBL, Riverside, Italian groups, and Japanese groups.

Precise actions have been formulated for some of 17 institutions that haven’t sent in tallies.

Date and location of next and future MICE Meetings (Dan Kaplan for Vittorio Palladino)

Next meeting: @ RAL from October 7 – 10, 2007

Possibilities for future meetings

- Feb, 2008 @ RAL
- June, 2008 in England, not @ RAL
- Oct, 2008 at Harbin, China