

MICE Experiment Management Office

14th July 2015; 14:00 BST

Present: V. Blackmore, S. Boyd, K. Long, R. Preece, C. Rogers

Apologies: D. Adams, A. Bross, P.M. Hanlet, A. Nichols, D. Rajaram, C. Whyte

Notes

1. Introduction: KL

- Presently we are managing a complex situation in which the final steps in the magnet commissioning are being carried out prior to training the magnets. Clearly flexibility is required by all.

2. Minutes and actions: All

- **KL:** to push through meeting with SS; we need: PMcl, SS, CW, RP, KL, KR.
 - **Ongoing:** emailed once more to try and arrange a date. Will now follow up by phone.
- **KL:** Email to MICE to explain that the above is what we will do and strengthen the MOM's arm in getting experts to check.
 - **Done.**
- **KL/CR:** Try and enhance optics effort.
 - **Ongoing.** VB has taken on beam-line data analysis. P. Snopok with T. Mohyai are moving towards cooling-channel analysis. JB. Lagrange is working on the cooling-demo paper and CR is working on the magnetic alignment. J. Nugent is joining the tracker alignment work. Delete action but keep pressing on S. Berg and R. Ryne.
- **KL/CR:** Review skeleton of first paper prepared by CR.
 - **Done.**
- **SB:** Press for full recording in the elog of factors and interventions that affect data taking
 - **Done.** MICE ops have been reminded. Will be added to training. Now need to monitor and encourage.
- **SB:** Seek to remove the "editing feature" for the Log tab on elog.
 - **Done.**

3. MAUS: DR

- Speed-up
 - See notes.
- ConfigDB:
 - No update.
- Processing:
 - **KL:** email to DR to suggest he considers buying a dedicated computer if necessary.
 - **KL, CR, KL:** Meet to understand the processing timetable.

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4. **Commissioning and operations: SB**
 - Cycle 2015/01b started today. Not yet taking data. We have 24 hour shift cover in place.
 - Plans in place to Wednesday this week (i.e. tomorrow). Presently training and beam tuning make up the activities. From tomorrow, the magnet teams will arrive in force.
 - Next week will continue to require careful coordination.
 - September shift schedule being populated.
 5. **Status of Step I publications: VB**
 - Pion-contamination paper:
 - P. Soler has had no comments from Y. Kharadzhev, but detailed comments from D. Kaplan on both note and paper.
 - EMR beam-test paper:
 - EMR paper now at second round of comments by the end of this week.
 - Then release to the collaboration.
 6. **Status of cooling demo specification paper: CR**
 - J.B. Lagrange presented the analysis at last week's analysis meeting. Some comments and questions were asked and another presentation will be made this week.
 - Presentation on the paper at the next VC and EB then to discuss the wise people.
 7. **Preparations for analysis at Step IV: CR**
 - Tracker reconstruction and performance analysis underway (C. Hunt et al.). Cut-based selection being developed by T. Mohyai and P. Snopok. The full PID is being developed by C. Pidcot et al. Material physics being taken forward by C. Pidcot, J. Nugent and the Belgrade team.
 - SB suggests that the run-plan for Step IV be updated to take into account the measured data rate. **SB, CR** will make this update in August.
 8. **DONM**
 - 28th July 2015; 14:00 BST
 9. **AoB**
 - None.

Summary of actions

- **KL:** to push through meeting with SS; we need: PMcl, SS, CW, RP, KL, KR.
- **KL:** email to DR to suggest he considers buying a dedicated computer if necessary.
- **KL, CR, KL:** Meet to understand the processing timetable.
- **SB, CR:** Review the Step IV run plan in the light of the measured data-taking rate.