MICE Experiment Management Office

23rd August 2016; 14:00 BST

Present: KL, CW, DR, SB, PMH, CR

Notes

Status update from CW just before the meeting:

A major water leak had occurred during the preparations for changing to the roof water system. Almost all systems have been recovered; some work still ongoing. recovering.
4 air conditioners are up and running; the Linde compressor is now runing.
The 5th air conditioning unit is being made ready. Progress seems good; it seems likely the module will be ready tomorrow.
Possible that will be able to advance the SS magnet power test. Contingent on water issues being resolved and flow being established from roof water system.

1. **Introduction: KL**
   The work in the shutdown is on track. This week the goal is to run SSU to 3T with the match coils energised, then bring up the FC. This is a critical test. If successful we can plan the next User Cycle with more confidence.
   This meeting need to take stock of the work agreed for the shutdown and review the work on the papers in progress and the work on the data taken in the last User Cycle.

2. **Minutes and actions: All**
   Notes accepted. Status of actions:
   - **DR:** make a task list for S/w&C (excluding controls) in the same spirit as those being developed for controls, the Hall and operations.
     - **Done:** see http://micewww.pp.rl.ac.uk/projects/operations/wiki/_StepIV_Shutdown_Summer_
   - **KL/CR:** Discuss analysis manpower.
     - **Stands.**

3. **Review of shutdown task list: KL, CW**
   Task list is at:
   http://micewww.pp.rl.ac.uk/projects/operations/wiki/_StepIV_Shutdown_Summer_
   Plan to go through the items to get status reports and to "tick them off".
   Action KL/CW: Liaise with DL to plan execution of priority [0] and [1] issues on the DL list.

4. **Run plan for next User Cycle: All**
   Discussion of slides posted by CR on running configurations.
   We agreed:
   - Assume operation SSU(3T, ECE,M1,M2)+FC+SSD(3T,ECE);

- Continue with policy of commissioning to "minimum risk" configuration for next stage in the prorgamme;
- Execute "series 6" items from CR's list; this executes the runs necessary for the scattering programme;
- With the series 6 items done consider:
  - Commissioning and moving on to 7 series; or
  - Swapping in LiH and doing the series 6 with absorber.

Actions that result from this agreement:

- **CR:** Estimate amount of data required per setting in the "6" series and therefore data-taking time that must be allocated.
- **CR:** Circulate spreadsheet of currents so that all can consider relative (and absolute) forces.
- **CW/KL:** Based on discussion of above issues; discuss scheduling of LiH change if this is the eventual decision.

SB commented that shifts for the coming user run were slowly filling up. Some people being contacted individually to encourage them to take shifts. SB discussing with H. Nebrensky whether BLOCs on day shift might not be allowed to carry out the BLOC function.
SB plans to send a note to the group leaders (via the CB list) to ask for support in getting the shifts filled.

5. **Physics Coordinators report: CR**

See notes on wiki. Points noted:

- Demo paper being iterated between KL, JB Lagrange and J. Pasternak at NuFact. Will fix a version tomorrow and send to CR. Agreed that wise-people should have sight of paper before it is redistributed to the collaboration.
- Alignment tables now holding up MC production for recent data taking period. Addressing this issue is not expected to be a big issue. DR will address with R. Bayes when the latter is back from NuFact.
- DR pointed out that beam generation R. Bayes scattering analysis appear to have some inconsistencies. Argued not to be an issue for the analysis . ***Agreed*** that production generation should be done for R. Bayes analysis. This will allow all to be content that the generation is appropriate.

6. **S/w&C (and MAUS): DR**

See notes uploaded. Points noted;

- Hopefully global reconstruction will be in next release now that Globals tref issue has been resolved.

7. **CAM status: PMH**

Most issues were covered above. PMH seeks to complete modifications to the power-supply controls over the long weekend. To do this he will require the power supplies to be shorted out. Once this is done, the power supply controls will be integrated with Run Control. With that done it will be straightforward to complete the magnet actions

Note added: integration of two SY4527 HV crates is a work in progress.

8. **Commissioning and operations: SB**
   Noted under item 4 above.

9. **DONM**
   - ***05Sep16: 14:00***

10. **AoB**
    None.

Summary of actions

- **KL/CR:** Discuss analysis manpower.
- **KL/CW:** Liaise with DL to plan execution of priority [0] and [1] issues on the DL list.
- **CR:** Estimate amount of data required per setting in the "6" series and therefore data-taking time that must be allocated.
- **CR:** Circulate spreadsheet of currents so that all can consider relative (and absolute) forces.
- **CW/KL:** Based on discussion of above issues; discuss scheduling of LiH change if this is the eventual decision.