

## MICE Experiment Management Office

22<sup>nd</sup> August 2017; 15:30 BST

Phone details: <http://mice.iit.edu/phonebridge.html>

### Agenda

#### 1. Introduction: KL

#### 2. Minutes and actions: All

- **KL/CW:** Propose date for decision point to switch from preparation of LH2 system to re-installation of LiH absorber.
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- **DR:** Clarify what remaining geometry/misalignment issues exist in MC and reconstruction.
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- **DR:** check with F. Drielsma if there are any other EMR or alignment issues.
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- **DR/AK:** Liaise to arrange that LH2 parameters (temp, pressure etc.) are recorded in the start-of-run record.
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- **KL:** Update Cycle block diagram to take into account the availability of A. Bross and S. Feher.
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- **CR/KL:** document settings in short document; upload to wiki.
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#### 3. Paper status and new public results for VC: CR

#### 4. Review of tasks listed at last MEMO

Items from CM48			
Id	Item	Status: 11Jul17	Assigned to
1	Understanding of B field; offset vs simulation		J. Langlands, C. Hunt
2	Mmtm scale, effect of non-uniformity of field in tracer volume		J. Langlands, C. Hunt
3	Treatment of systematic errors (e.g. B field) in emittance-evolution paper		J. Langlands, C. Hunt
4	Definition of fiducial volume (definition of apertures)		C. Rogers, C. Hunt
<del>5</del>	<del>Standard event selection routine</del>	<del>Code in test server</del>	<del>M. Fedarov, C. Hunt</del>
<del>6</del>	<del>Alignment (e.g. of EMR) in MC; effect on GLOBAL</del>		<del>D. Rajaram, C. Rogers</del>
<del>7</del>	<del>System performance paper (SW)</del>		<del>S. Wylbur</del>
8	Beam line simulation (recontact Mokhov?) Perhaps look at target geometry?	PF study to complete	P. Franchini
9	TOF reconstruction in the MC (not like the data)	Fix calibration. Then seek additional issues in digitisation.	D. Rajaram, S. Wylbur
10	Volume transformation upstream/downstream	"simple cooling demo"; presently unassigned.	
11	Speed of GLOBALS -- issue	Two possible ways to address: can not be used in the control room. Geometry look-up.	M. Uchida
<del>12</del>	<del>Spares for DAQ</del>	<del>Perhaps OK. Check EMR spares. Perhaps repair faulty board that was taken out.</del>	<del>E. Overton/successor</del>
<del>13</del>	<del>Buy more space on MICE RAID array</del>	<del>Not necessary.</del>	
14	Configuration control at the start of the run	Perhaps set-up as check list.	S. Boyd

#### 5. Status of LH2 system: CW

**6. Run plan for 2017/02:**

- *Revised block-diagram run plan: KL*
- *Start-up plans: SB*
- *Current settings for second (SSD(M2) on) "run block": CR*

**7. Issues for start-up: All**

- *SSU(M2) DCCT: ABr*
- *Tracker readout: ABr*

**8. Controls and monitoring: AK**

*Including alarm-handler and archiver status*

**9. S/w and computing: DR**

*Including tracker s/w review*

**10. Operations: SB****11. DONM**

- 05Sep17

**12. AoB**