

## MICE Executive Board

4<sup>th</sup> October 2017; 15:00 BST

**Present:** Ken Long, Durga Rajaram, Colin Whyte, Chris Rogers, Alan Bross, Vittorio Palladino, Roumen Tsenov, Dan Kaplan, Steve Boyd

**Apologies:** Steve Boyd, Alan Bross, Mark Palmer, Roumen Tsenov, Durga Rajaram, Vittorio Palladino, Peter Garbinicius

### Notes

#### 1. Introduction: KL

- Notes were accepted

#### 2. Minutes and Actions

##### 1. KL: Propose a plan for execution of CM50.

- Alan Bross requests weekend to keep US costs down
- KL suggests paper writing workshop 26-28 Feb with reports 1<sup>st</sup> - 2<sup>nd</sup> March

#### 3. Project Manager Report: CW

- See slides
- Discussion of cold head; note that we expect sufficient margin in the cryo but there is increased risk that the cryocooler will fail unexpectedly. Note that there is risk in the procedure to replace the cold head (potentially requires partial warm up of the magnet; procedure to be defined). **Action CW**
- Discussion of possibility to speed up magnet ramp procedure by not ramping down the FC all the way to 0 before changing match coil currents. **Action CW**
- Query – what happens to the RF equipment if we go to Protvino? Some issues to do with equipment ownership.
- g-2 is concerned that simulation says wedge will work; but taking data may negatively impact wedge proposal if data does not demonstrate success. So need to simulate the setup and check that the data taking will be successful.

#### 4. Preparation for Cycle 2017/03: SB

- See slides
- Discussion of shift issue. Some names were suggested for potential shifters.

## 5. Physics Coordinators Report: CR

- Focus has been on data taking
- See VC slides regarding analysis of recent data
- VB has been working on analysis using new MAUS version

## 6. MICE Cooling Demo Update (IHEP, Protvino)

- Engineering contacts have been passed to Protvino.
- Meeting from CERN muon accelerator panel; agreed terms of reference
- Roumen reminded us of risks associated with transporting the MICE equipment to Russia and infrastructure requirements on Protvino.

## 7. Common Fund: PS

- No update since CM49

## 8. Speakers Bureau: VP

- Propose 4 abstracts; Chris Rogers to draft abstracts and KL to validate **Action CR/KL**. KL/CB to gather nominations for speakers. **Action CB/KL**

## 9. Next Collaboration Meetings:

- 2018:
  - "MICE week" 26 Feb – 2 March
  - Week of: 25 June – 29 June
  - Week of: 8 Oct – 12 Oct

## 10. Date of Next Meetings

- 8<sup>th</sup> December

## 11. AoB

- Decommissioning: will not break up equipment until June; equipment owners need to be consulted.
- Target realignment: new fibres have been laid. Will not interfere further with target system unless required.

## 12. Summary of Actions

1. **CW:** Define plan for recovery of SSU cryogenic situation
2. **CW:** Discuss/propose revised magnet ramp procedure (to speed up magnet ramp turnaround)
3. **CR/KL:** Draft abstracts for IPAC
4. **CB/KL:** Nominate speakers for upcoming conferences