

MIPO Meeting Notes: 17th June 2014 14:00 GMT

Attending: R.Preece,A.Nichols,P.Soler,K.Long,P.Hanlet,P.Garbincus,A.Bross, M.Palmer

Absent: J.Pasternak

Invited:

Agenda:

1. Actions from previous meetings
 2. DOE Review of MAP
 - Required input from collaborators
 - Date for review
 3. Preparations for Step V
 - PRY
 - Coupling Coil Magnet
 - Single Cavity Test Stand
 4. CM39 - <https://indico.cern.ch/event/321200/timetable/#20140627.detailed>
 - Parallel Sessions
 - Plenary Sessions
 5. AOB
 6. DONM 1st July 2014
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Minutes:

1. Actions from previous meetings
 - **RP:** define authors for short paper defining acceptance criteria of magnets and RF cavities – **stands**
 - **PMH:** determine heat load on extending 70mm cables – **superceeded with discussion with ABr and SV**
 - **AN & MP:** arrange meeting with SV, JJ, ABr, DL, PMH – **superceeded with discussion with ABr and SV**
2. MEMO Summary: PMH

3. DOE Review of MAP

- Required input from collaborators
 - requires US MICE and UK MICE can match schedules; and that they be credible
 - US bump is \$4.3M to \$6.75M in FY15 to finish early
 - \$9M FY15, \$4.5M FY16, \$1.75M FY17; with contingency and with risks
 - delivery dates not ready yet; RFCC & PRY to be delivered end of 2017
 - 1 April 2017 is RFCC delivery; defines beginning of Step V integration
 - S PRY Dec 2016, N PRY arrives
 - first task is “Scenario AV2”
 - **ACTION RP and AG: can UK match with bump in spending or flat cash**
 - MP: have been asked for 3 profiles
 - KL: no additional capital in FY15, likely flat in FY16, MICE needs to make the request
 - MP: if UK has flat profile in FY15 and abandons Step VI, then what can UK gain from money saved
 - MP: expectation is that US/UK has an integrated plan
- Date for review
 - DOE MAP review is week of 11th August at Brookhaven
 - expect to have reliable schedule in July
 - US/UK to align schedule week of 28th July
 - **ACTION RP and KL:** UK ask for meeting w/Janet to precede US/UK meeting

4. Preparations for Step V

- PRY
- Coupling Coil Magnet
- Single Cavity Test Stand
 - aspire to send single cavity test stand from MTA to RAL
 - no dates yet
 - may power cavity this week
 - US may send original cavity

5. CM39 - <https://indico.cern.ch/event/321200/timetable/#20140627.detailed>

- Parallel Sessions
- Plenary Sessions
- PS: phone meeting to discuss ???
- chunk for detectors

- chunk for Step V PRY
- chunk for RF
- AN: Step IV – can orders for PRY be expanded to UK companys?

6. AOB

- BNL procurement, expect tender to be signed next week
- S.Platt will follow the manufacturing order
- PO placed for steel purchase in Japan
- 12 weeks after After Receive of Order (framework + steel) - entire south wall
- KL: Assumptions document and Common Fund
 - **ACTION RP:** follow up with operating costs of ISIS protons, electricity, LHe,
 - compressor lines
 - can we use hard LHe lines?

7. DoNM 1st July 2014

Summary of Actions (incomplete old and new):

- **RP:** define authors for short paper defining acceptance criteria of magnets and RF cavities
- **RP and AG:** can UK match with bump in spending or flat cash
- **RP and KL:** UK ask for meeting w/Janet to precede US/UK
- **RP:** follow up with operating costs of ISIS protons, electricity, LHe, ?