

## MIPO Meeting Notes: 14<sup>th</sup> January 2015 14:30 GMT

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

Absent:

Invited:

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### Agenda:

1. Actions and MEMO report
  2. PRY base installation and shipping update
  3. *LiH* Absorber procurement exchange
    - Suggestions for items that can be purchased from the US budget with the UK purchasing the *LiH* secondary absorbers
  4. Cooling Demonstration Specification proposal
    - Discussion for gaining a specification for the cooling demonstration document/webpage. The PDF on the meeting page is a suggestion of the skeleton:  
<http://micewww.pp.rl.ac.uk/projects/governance/wiki/2015-01-14-MIPO>.  
This skeleton is a suggestion and I would like the MIPO to decide on the structure and content.
  5. Highlight report and documentation
  6. CM41 Parallel and Plenary
  7. AOB
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### Minutes:

1. Actions and MEMO report
  - see MEMO notes
2. PRY base installation and shipping update
  - UK side
    - Bridge plates going in and structure to hold uprights
    - North side floor is complete
    - No report on south side floor

- US side
  - JanPack doing packaging, paperwork, shipping, etc. of frame
  - Earliest delivery for frame is after mock data run
  - All plates being machined at 4 different shops
  - Expected completion date of plate machining is mid-March
  - Expected arrival date in MICE schedule is 16<sup>th</sup> March
  - Discussion ensued; clarification needed
  - **ACTION:** ABr will check schedule with Keller

### 3. *LiH* Absorber procurement exchange

- Suggestions for items that can be purchased from the US budget with the UK purchasing the *LiH* secondary absorbers
  - if US responsibility then US must procure also
  - not yet identified as US responsibility; should be MIPO responsibility
  - US has calculated costs of *LiH* secondary absorbers from a risk perspective: \$124k + \$18k (~£100k)
  - **ACTION: RP** – get proper estimate of manufacturing costs with Norbert
  - ABr summary: issue is paying for *LiH* secondary absorbers; need to close loop on funding

### 4. Cooling Demonstration Specification proposal

- Discussion for gaining a specification for the cooling demonstration document/webpage. The PDF on the meeting page is a suggestion of the skeleton:  
<http://micewww.pp.rl.ac.uk/projects/governance/wiki/2015-01-14-MIPO>.  
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  - suggest multiple documents on web page using this structure
  - should distinguish operations/physics vs management vs technical
  - sign-off needed for each of the subsections of the document
  - need to add/extend:
    - \* Module integration process
    - \* Module maintenance process
    - \* Control and monitoring; extend to experimental interface and operations, e.g. operational characteristics e.g. mitigation of hysteresis

### 5. Highlight report and documentation

- accepted
- all agree excellent & useful document; equally concerned about drain on Roy's time & effort

### 6. CM41 Parallel and Plenary

- MP: need separate session on interfacing
- Integration issues need to be exposed
- Envelopes etc. to be defined

7. AOB

- none

8. DoNM – 28<sup>th</sup> January; *Note new day of week*