

# MIPO Meeting Notes: 08 April 2014 14:00 GMT

---

Attending: RP, PMH, KL, AG, PG, ABr, MP, JP

Absent:

Invited:

---

## Agenda:

1. Scheduling & Financial work for RLSR
    - (a) Financial data presentation in report - Scenarios
  2. Presentations for the RLSR/MPB
  3. Magnetic Shielding PRR
  4. Focus Coil Decision point
    - (a) Mapping in R9
    - (b) No Solenoid mode testing
  5. Magnet Integration Task Force Update
    - (a) <https://fileexchange.imperial.ac.uk/files/a590396b75d/MagnetIntegrationTaskForcemeeting3.pdf>
  6. MEMO Update
  7. DONM 22<sup>nd</sup> April (Last meeting before reviews)
  8. AOB
- 

## Minutes:

1. Scheduling & Financial work for RLSR
  - MP: all dates are quoted as + contingency
  - SS1 5<sup>th</sup> May shipping; 9<sup>th</sup> June arrival at RAL
  - PRY South Frame, 11<sup>th</sup> August delivery; 4<sup>th</sup> September installation complete
  - PRY South Wall, mid August fabrication; 24<sup>th</sup> October delivery; 12<sup>th</sup> November installation complete
  - PRY North Wall, mid August fabrication, 24<sup>th</sup> October delivery; 23<sup>rd</sup> February 2015 installation complete

(a) Financial data presentation in report - Scenarios

- ABr: present only possibility as Step V, driven by funding

2. Presentations for the RLSR/MPB

- Change title of PG's talk – explicitly express completion of operations at Step IV or Step V
- Robson added clause to discuss only Costs and Schedules in RLSR
- KL: Science is classified as: essential, core, and optimal – likely will cut optimal
- MP: conversation with Peggs – he would like MICE to state what is ready and already accrued investments; i.e. what do we have, and what do we need for completion of Step IV and same for Step V
- MP: RAL has RF power, US has nearly complete RFCC module, should send to RAL for RFCC technology demo; why not add steel wall and put it in beam
- only added value of Step VI is canonical angular momentum handling
- ABr: CC is warm and will be cold by Friday; we will soon know

3. Magnetic Shielding PRR

- AN and AG are in discuss on PRR – setting dates and who will review

4. Focus Coil Decision point

(a) Mapping in R9

(b) No Solenoid mode testing

- RP: presented decision tree
- MP: suggests little concern regarding retraining, therefore do not present decision tree
- RP: no issue for *LHe* supply

5. Magnet Integration Task Force Update

(a)

<https://fileexchange.imperial.ac.uk/files/a590396b75d/MagnetIntegrationTaskForcemeeting3.pdf>

- recommend training using scenario 2: both SS's together
- ABr will verify if both SS's can be trained together
- JPa discussion cut short due to connection issues

6. MEMO Update – PMH: *see notes on micemine*

7. DONM 22<sup>nd</sup> April (Last meeting before reviews)

## 8. AOB

- PMH: add PRY wall monitoring
  - PMH: CryoMech compressor fix:
  - KL: MPB report – missing 3 items
    - document operational modes for Step IV, Step V, Step VI
      - **ACTION: JPa, PMH will help**
    - clearly document nominal operating parameters
    - document acceptance criteria – done for SS, need for FC and CC
- 

### **Summary of Actions (incomplete old and new):**

- **JPa:** document support tree integration
- **AN/RP:** acceptance criteria for equipment & design/implementation acceptance
- **PMH:** ensure that bore of DS is surveyed - discuss with TH/AN
- **RP:** get PRY information from JT
- **RP:** invite Maurizio to attend magnetic mitigation meeting
- **RP:** who pays for new stand or additional shielding
- **PMH:** follow up with Darryl on VT leads
- **PMH:** follow up with Ian on using DCCTs in control loop – *in progress*