

MICE Magnetic shielding meeting: 2013-08-06: 14:00 BST

Venue at RAL: R66 G06, normal phone-in for externals

Present:

1. Actions

- **KM:** Extract forces on the various tracker shields.
- **CM** organise meeting to consider and sign off VF report
- **CM** chase AN for review date and details
- **CM** arrange informal discussion with KL regards report content

2. Magnetic model of MICE Hall: PS

3. Magnetic model of tracker cryostat KM

4. Magnetic model of racks and R9 MG

5. Stray field measurements at Wang PH

6. Partial return yokes: magnetic analysis and design HW

7. Progress on magnetic measurements and validation of model IT

7.1 Progress on assessment of substation-components JW

8. Schedule and plans, discussion CM

- Milestones:
 - Field Mitigation Review: End September, week of 23Sep13?
 - Review Documentation: 09Sep13
 - Sections for document:
 - Introduction:
 - The issue specification – PS/CM/MC
 - Steps taken (West Wall; Rack Room 2) - JT
 - Overview of strategy (baseline and alternative) - KL
 - Magnetic modelling of MICE Hall - PS
 - Baseline:
 - Overview - PS
 - Tracker – KM
 - Headline items from Fry list - CM
 - Cost, schedule and risk analysis – CM/KL/RP
 - Summary – KL/CM
 - Partial return yoke:

- Overview - HW
- Magnetic design - HW
- Mechanical design - SP
- Implementation in the MICE Hall - JT
- Cost, schedule and risk analysis – HW/JT/RP
- Summary – JT/HW
- Recommended action – All (KL)
- Conclusions – KL

8. DONM:

20Aug13; 14:00 BST

10. AoB

Summary of actions: