

# MICE Magnetic shielding meeting: 2013-07-16: 14:00 BST

Venue at RAL: TBA (phone conference details circulated)

Present:

## 1. Actions

- **KM:** Extract forces on the various tracker shields.

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:**

30Jul13; 14:00 BST

## **10. AoB**

### **Summary of actions:**