Magnetic shielding meeting: 2012-09-26: 15:00 BST
Conference Room 13, R68 (phone conference details circulated)

Present:

1. **Actions:**
   - **AN,KL:** How to add effort
   - **JT:** Pursue clarification of Cryomech basis of estimation of effect of high-pressure hose length
   - **CMacW:** Pursue development of test of non-standard lengths of Sumitomo high pressure hose;
   - **ABr:** Pursue development of test of non-standard lengths of Cryomech hoses
   - **LF, CMacW :** Collect information regarding the design of the LINAC wall (North side of hall)
   - **PS** : Compile document listing model / analysis scenarios required.
   - **MC** : Re-run the model for the North wall RF area with aluminium racks
   - **JW, IM** : Send more detailed information for masses in the North racks
   - **JT** : Send hall models to HW

2. Status of review of items in Hall and contacts with system owners: LF/MOM

3. Status of magnetic model of MICE Hall PS

4. Status reports:
   - **Racks behind north wall: TH, IM**
   - **Compressors along west wall: JT**
   - **ISIS plant room: KL**

5. Discussion of options:
   - **On the mezzanine level to the north east;**
     Back-up scenario at the moment;
   - **Partial return yokes: HW**
   - **Igloo:**
     Closure of ends of shield wall.
     On hold for the moment.

6. Consideration of shielding for tracker racks etc. PS, MC

7. List of specific items to check PS
   - ***LH2 delivery systems***
   - ***Q9 power supply***
   - ***HV rack***
   - ***Control rack for compressors, vacuum etc.***
   - ***Vacuum pumps***
   - ***Substation***
   - ***Equipment on the roof***

8. AoB

Summary of actions:

   - **AN,KL:** How to add effort
   - **JT:** Pursue clarification of Cryomech basis of estimation of effect of high-pressure hose length
   - **CMacW:** Pursue development of test of non-standard lengths of Sumitomo high pressure hose;

- **ABr:** Pursue development of test of non-standard lengths of Cryomech hoses
- **LF, CMacW :** Collect information regarding the design of the LINAC wall (North side of hall)
- **PS** : Compile document listing model / analysis scenarios required.
- **MC** : Re-run the model for the North wall RF area with aluminium racks
- **JW, IM** : Send more detailed information for masses in the North racks
- **JT** : Send hall models to HW