

# Engineering....

- *Main points from this week:*
  - *Assembly and integration of all the subsystems in limited space this year is a challenge – Tim, Andy, Jason know what to do*
  - *Control of the RFCC envelope is crucial – start understanding it at the Feb 29<sup>th</sup> design review*
  - *Positioning of magnetic-field sensitive equipment is now highly critical – timely and clear guidance from the Magnet Working Group is essential*
  - *Integration/Engineering activity needs better communication, especially this year, really do not want another set of meetings – maybe broaden scope of planning workshops*
  - *Glad the engineers had a walk around the MICE Hall – happy to do it more often!*



## Engineering....

- *Main points from this week:*
- *Deliberately no formal presentations – visit to MICE hall, then a discussion*
  - *Assembly and integration of all the subsystems in limited space this year is a challenge (what a surprise) – Tim, Andy, Jason know what to do*
    - *Pipes and cables*
    - *Dewars and transfer lines*
    - *Sequential assembly and dis-assembly*
    - *Action on me to discuss with my Boss design/drawing work necessary*
    - *Interaction with surroundings*
    - *Magnetic field compatibility*
  - *Control of the RFCC envelope is crucial,*
    - *It will affect nearly all the above, especially South mezzanine*
    - *Jason's existing change control system needs to rigorously applied*
    - *29<sup>th</sup> Feb review ideal place to open the discussion*



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- *Positioning of magnetic-field sensitive equipment is now highly critical – timely and clear guidance from the Magnet Working Group is essential*
  - *This is very important as we have little time*
  - *Applies to A/C units, pumps compressors, valve actuators and so on*
  - *We must know where to put things, or how to shield them*
  - *Relevance to the MICE steps needs to be clarified*
- *Integration/Engineering activity needs better communication, especially this year, really do not want another set of meetings – maybe broaden scope of planning workshops*
  - *Four of these meetings are planned this year*
  - *Phone/video link is not planned*
  - *I believe the project lacks a regular dedicated engineering forum.....*
  - *Will be more important this year*
- *Glad the engineers had a walk around the MICE Hall – happy to do it more often!*