

Report from the DH Review Committee

CAF Workshop

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DH Review Process

■ *Committee given 2 charges*

1 Status of the DH system

- Current scope & progress to completion*
- Operations aspects*
- Report by 8 October*

2 Evolution of DH requirements

- What are they now?*
- Should DH design be modified?*

■ *Had first meeting on 24 Sep*

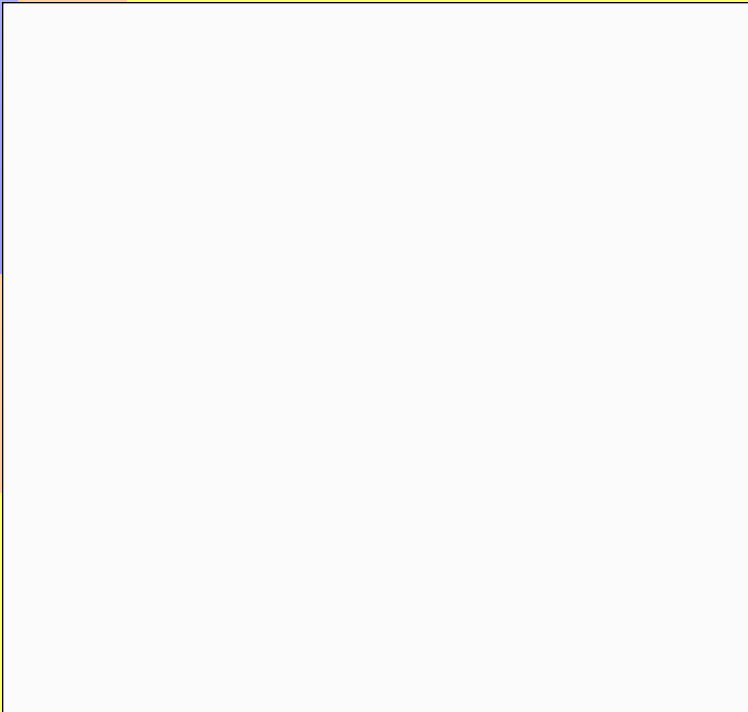
- Tackled first charge and provided spokespersons with report*



DH System

■ *DH System exists but...*

- *Has had problems with tape*
- *Has had reliability problems*
- *Missing key functionality*



Recommendations (1-3)

1 Impressed with progress to date

- Significant functionality*
- Strong DH development team*
- Challenging conditions*

2 DH seriously short of personnel

- CDF must find additional resources from collaboration and CD*
- Must be done immediately*

3 Design should meet 2002 goals

- However, would require major compromises and work-arounds*
- Priority given to augment and make more robust existing system*



Recommendations (4-5)

4 Milestones & schedule unclear

- *Based on collaboration priorities*
 - *settle near-term model for data access*
 - *Identify necessary DH performance*
 - *Write schedule and milestones*
- *Requested this for 21 October*

5 Development schedule too long

- *Estimated to be 4-6 months*
- *Separate operations from development*
- *Create operations group*
 - *Satisfy ongoing detector needs*
 - *Satisfy physics groups' needs*



Recommendations (6-8)

6 Assemble “test stand”

- *Hardware exists, use it for testing*

7 DH scope too large

- *Break into smaller sub-projects*
 - *Data export system*
 - *Support of LSF batch in DH system*
 - *Luminosity calculations*
- *Provide vehicle for bringing in additional resources*

8 Review current design

- *Not convinced that tape-disk balance correct*
- *Use of broadband networks?*



Next Steps

- *Offline management responding*
 - *Have had to deal with organizational issues*
 - *Have to develop a set of priorities, schedule and milestones*
- *Next meeting not yet scheduled*
 - *Probably schedule in next week*
 - *Likely to be in mid to late November*
- *Coordinate with CAF review findings*

