

L1_Cal Integration and Commissioning Meeting Minutes – 8.15.05

Scribe: Bagby

Review Readiness

Installation (Alan)

Detailed choreography of the installation will be addressed by Alan, Rich, Russ, and John. Specific people need to be named to do the cabling.

Intra-Inter system link quality (Mike/Mark/John/Lyn)

Implemented VRB firmware diagnostic tools to investigate source of additional words in some events. Next step is to send a sequential word pattern to determine where the error is occurring.

Monitoring (Sabine/Adam)

Identified LV PS parameters to be monitored. Geoff making parameters available in EPICS. Adam writing GUI.

Examine (Sabine)

Working with Steve/Adam/Windy to develop Examine.

Trigger/COOR (Sabine)

Generating trigger documentation. TCC integration will be addressed when Philippe arrives at Fermi.

Slice Test/Data Readout (Sabine/Mike)

Todd Adams generated first plots with the unpacker of the L1_CalIIb system vs L1_CalIIa and the Precision Readout. Data was accumulated via a pulser run and a physics run. View Todd's slides from the D0 Agenda server at <http://www-d0.hef.kun.nl/fullAgenda.php?ida=a051494>

Plots show a possible TT/channel correspondence error. A channel to channel correspondence study is underway. Linearity and pedestal runs are planned for this week. Special thanks to the tireless efforts of all those involved to make this data available.