

L1_Cal BLS to ADF Transition System minutes
2.17.05

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Topic: Transition system from BLS cables to the ADF backplane.

Since the connectors on the back of the ADF crates are very delicate, a second look at the transitions system was requested.

Marvin and Dean, ADF review committee members, are concerned that the currently designed paddle card is not adequately guided into the backplane connectors.

They suggesting the following modifications to the system:

1. Install a back card cage in the ADF crate such that the paddle card can be guided on rails.
2. Make provisions for handles on the paddle cards.
3. Include the P0 connector on the paddle card. This requires impedance matching trace design.
4. Include connector locking mechanisms on the paddle card.
5. Include a cover for the signal test point connectors.
6. Tin coat the patch panel plate and test point cover.