

Minutes of the July 14, 2004 TRT Barrel Electronics Meeting  
(Action items on Red)

1. Update on shipping status of Module Type-I boards.

Ben has received all the boards. Ole has succeeded to have tested the first ones. We are waiting for labels from NBI, and soldering some resistors. We are waiting for the labels so when we do the preliminary test before sending out to NBI we can track them. A data cable was needed in order to allow NBI to have it and test the boards. The cable has been already built by Carl crew.

2) Update on protection input board: delivery schedule and insertion tests results.

Update from Daniel (mail received on 14 July)

a) 300 boards had been delivered to Ben

b) The 700 remaining boards of the pre-series order will be sent end of this week (they are all assembled and cleaned and are under visual inspection). They will be shipped in my name but Fido will get the Airway Bill number by e-mail.

c) Vincent has entrusted us web folks with the resistors for the remaining boards. We have sent all these resistors and enough diodes for 1000-2000 protection boards to SeiSystem. The actual number available depends on the arrival of the diodes which is currently foreseen end of August. If this gets delayed further the webs will have priority over the protection boards. Fido will follow up with Bjorn or rather Paula on sending the naked boards and the pins to SeiSystem directly.

d) SeiSystem will send a final quote in English for the production of 6000 more boards to Fido by the end of this week.

Action: Ben together with Carl and Sabetta to start the testing of the insertion of the 300 protection input boards

3) Preparation of PRR for type 2 boards. Review of the check list/part list tests.

Toni reviews the list of pin-outs of the DTMROC and ASDBLR. Most of the inputs had been tested. However, few items remain (e.g. high threshold scan). Mitch says that for the next week we should have them. Toni notes that a strange effect has been detected in one DTMROC of the 2BS board.

In position 10, when test pulse is injected in the odd channels, a pulse of the same magnitude appears in the even channels, but almost 60 ns before. The DLL has been checked and is working. This should be investigated using the upper board to confirm that it is a DTMROC effect, not a board effect.

Action: but next week to have a mini document to summarize the checks uploaded on EDMS.

4) Preparation for Paddle cards PRR.

Rick: the fact that we have the harness for the Back side working is already a proof.

It is agreed that next week during access Carl will peacefully seat in H-8 and review all the changes that he made to the harnesses to make sure that they we have the corrected pin-outs.

Action: Toni, Carl and Mike will make sure that they have the information is correct and is documented.

6) Update on Test Beam Performace:

Mike Hance: from a total of 208 DTMROC (two one side 1/32 sectors), 204 are reporting good data. From a total of 416 ASDBLR, 403 are reporting good data that we can read out.

7) SR installation. Progress on software.

Ben and Ole had been thinking about data base and tests to be done. Implementation is expected to begin very soon.