

LHCb Outer Tracker – Electronics (NIKHEF)

Meeting Minutes
13 December 2005

Present :

W. Gotink, E. Heine, J. Koopstra, A. Pellegrino, T. Sluijk

A. Minutes

These minutes can be found at

<http://www.nikhef.nl/pub/experiments/bfys/lhcb/outerTracker/Documents/Meetings/O-T-Electronics-NIKHEF/13-12-2005/>

C. New Issues

Possible conflicts between the FE schedule and the overall OT schedule were discussed. In particular:

- Only 3 GOL/AUX boards available, while 10 needed for 1st series FE
- ASDBLR chips need to be “ordered” at Upenn by end of January 2006 (must be available by March 2006)
- 1 FTE for the assembly of the FE box (in addition to 3 needed for cable assembly) must be available by April 1st 2006
- Schedule of HV Boards PCB needs to be adapted to production & test of 10 batches of complete FE boxes. To resume production, conclusion from HVTester measurements are enough (need not wait for full 10 FE box test)

D. Open Issues

The following issues are still open:

- Design of “small” FE boxes update by H. Band and checked by Ad , now two prototypes “ordered” at MA by half of January 2006 [J. Spelt]
- Schedule of FE installation and related resources needs to be addressed.

E. Action List

FE Electronics:

- 1) Mail Uli about having 10 GOL/AUX by end of January [A. Pellegrino]
- 2) Clarify issues with ChipSerial and send final ASDBLR list [E. Simioni]
- 3) Discuss with Russians and Frank about +1 FTE from Russia [A. Pellegrino]
- 4) Come to conclusions about HV Boards:
 - a. Examine results of 55 HV Boards tests and discuss with QPI and RIPA possible causes of failures [Z.Ming + J.Koopstra + T.Sluijk]
 - b. Finalize status report for QPI before 20/01/2006 [T.Sluijk]
 - c. Make appointment for discussion at QPI for 27/01/2006 [J.Koopstra]
 - d. Check HV Boards dimension in combination with FE box mechanics [A. Berkien + W. Gotink]
 - e. Insert HV Board dimension check (3 pts per boards) in QA DB [F.Schimmel]
- 5) Erik will provide an updated schedule [E.Heine]

F. Agenda for Next Meeting

- Checklist Open Issues and Station Action List

- Discussion Updated Schedule
- Discussion status HV,LV,TTC/ECS distribution systems

Adjournment :

The next meeting will be at 13:30 on Tuesday January 10 2006 in N-248.

Minutes submitted by: A. Pellegrino

Approved by: