File: tpc_status.doc
Last updated: 10 June 2008

Readout sub-detector status

TPC

Local Trigger Crate: **C26B**

Table of contents

L0
BUSY
TTC optical connections
Prepulse
L1 Message format

Trigger Questionnaire status: Fully-up-to-data
Questionnaire last updated: 6 February 2007

L0

L0 over TTC option (Yes/No): **Yes**

BUSY

BUSY cable inputs

Number of BUSY connections: **1**

Input BUSY1:
- Enable (Yes/No): **Yes**
- Cable number: **18637**
- Cable length: **100m**

Input BUSY2:
- Enable (Yes/No): **No**
- Cable number: **18636**
- Cable length **?**

Fanin board (Yes/No): **No**

TTC optical connections

Number of optical connections: **8**
Length of the optical patchcord: **2.2m**
Length of the optical cable: **40m**
Optical coupler used (Yes/No): **Yes**
Optical patch-panel slot: **2, 3**
Optical patch-panel connector: **1 - 3/1**
2 - 3/2
3 - 2/5
4 - 2/6
5 - 2/9
6 - 2/10
7 - 3/6
8 - 3/5

TTC optical coupler (TTCoc, 1 to 16)
Location: rack C20
Connections:
- Input: LTC26b, TTCex output 9, opto-patchcord 19187C (5m)
- Output 4: TPC test box, opto-patchcord 19146C (50m)
- Output 6: C26 opto patch-panel, slot 04, connector 11, opto-patchcord 14532C (5m)
- Output 7: C26 opto patch-panel, slot 04, connector 9, opto-patchcord 19196C (5m)
- Output 8: C26 opto patch-panel, slot 04, connector 10, opto-patchcord 19186C (5m)
- Output 13: C24 opto patch-panel, slot 11, connector 10 (DAQ), opto-patchcord 14566C (10m) (BusyBox; temporary)

Prepulse

Prepulse used (Yes/No):	**Yes**
Delay setting D (TTCvi):	**3422**
Lead time to the calibration L0 [(3556-D-54) x 25ns]:	**2µs**

L1 Message format

(First word only/All five words):	**First word only**