File: ssd_status.doc
Last updated: 15 February 2008

Readout sub-detector status

SSD

Local Trigger Crate: **C27T**

Table of contents

L0
BUSY
TTC optical connections
Prepulse
L1 Message format

Trigger Questionnaire status: Fully-up-to-data
Questionnaire last updated: 8 February 2007

L0

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

L0 cable outputs

Number of L0 connections: **1**

Output $L0_1$:
Cable number: **18626**
Cable length: **10m**

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

VME address setting: **H"1E"**
Board slot (C22): **3**
Board S/N: **?**

Fanout board mode (**D***elay*, **P***ropagate*): **P**

Fanout connections:

Cable number	Connector	Length
RB24 L0 0	0	?
RB24 L0 1	1	?
RB24 L0 2	2	?
RB24 L0 3	3	?
RB24 L0 4	4	?
RB24 L0 5	5	?
RB24 L0 6	6	?
RB24 L0 7	7	?
RB26 L0 0	8	?
RB26 L0 1	9	?
RB26 L0 2	10	?
RB26 L0 3	11	?
Not connected	12	
RB26 L0 4	13	?
Not connected	14	
RB26 L0 5	15	?
Not connected	16	
RB26 L0 6	17	?
RB26 L0 7	18	?
Not connected	19-23	

BUSY

BUSY cable inputs

Number of BUSY connections: **1**

Input BUSY1:
- Enable (Yes/No): **Yes**
- Cable number: **18625**
- Cable length: **10m**

Input BUSY2:
- Enable (Yes/No): **No**

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

VME address setting: **H"1C"**
Board slot (C22): **5**
Board S/N: **?**

Fanin connections:

Cable number	Connector	Length	Enable
RB24 L0 0	0	?	**Yes**
RB24 L0 1	1	?	**Yes**
RB24 L0 2	2	?	**Yes**
RB24 L0 3	3	?	**Yes**
RB24 L0 4	4	?	**Yes**
RB24 L0 5	5	?	**Yes**
RB24 L0 6	6	?	**Yes**
RB24 L0 7	7	?	**Yes**
RB26 L0 0	8	?	**Yes**
RB26 L0 1	9	?	**Yes**
RB26 L0 2	10	?	**Yes**
RB26 L0 3	11	?	**Yes**
Not connected	12		No
RB26 L0 4	13	?	**Yes**
Not connected	14		No
RB26 L0 5	15	?	**Yes**
Not connected	16		No
RB26 L0 6	17	?	**Yes**
RB26 L0 7	18	?	**Yes**
Not connected	19-23		No

TTC optical connections

Number of optical connections:	**2**
Length of the optical patchcord:	**1.8m**
Length of the optical cable: :	**40m**
Optical coupler used (Yes/No):	**Yes**
Optical patch-panel slot:	**0**
Optical patch-panel connector:	**1, 2**

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**