VXI "D" CRATE
TRIGGER SUPERVISOR
RacK: C2-6

OUTPUT
PORT

1A0
1
2
3
4
5
6
7
8
2A
3A
CLR
2S
3S
EN1
LV1
BUSY
OR1
GO
NC

Outputs are Single Ended
ECL signals. Use
coaxial connection.

seECL / NIM

PATCH
PANEL
C2-6

FORWARD CARRIAGE

RACK: L1-9
NIM BIN

DELAY GENERATOR
DG535

TRIG IN

[1877 STOP]

[HBTG]

NIM Pulse Input
RG-8 Cable from
Forward Carriage

Coax

SHEET 9
FANOUT
sECL TO diffECL

P1

P2
P3
P4
P5
P6 Spare
P7 Spare
P8 Spare
P9

RACK: L1-9
NIM BIN

Twinaxial
Cables

Space Frame Deck 1
[TDC STOP]
Fastbus Signal Distribution Boards

P2 J7 FastBus Crate DC Top;Rack L1-6;
P3 J7 FastBus Crate DC Bot;Rack L1-6;
P4 J7 FastBus Crate DC Top;Rack L1-20;
P5 J7 FastBus Crate DC Bot;Rack L1-20;

Coax

SHEET 8
FANOUT
sECL TO sECL

P1

P2
P3
P4
P5
P6 Spare
P7 Spare
P8 Spare

RACK: L1-9
NIM BIN

Coax

Space Frame Deck 1
[HIT BIT TRIGGER GATE]
TRIGGER CALIBRATION INTERFACE [TCI]

HBTG [TCI] ADB Crate(top); Rack L1-5 Sector 3
HBTG [TCI] ADB Crate(mid); Rack L1-5 Sector 4
HBTG [TCI] ADB Crate(bot); Rack L1-5 Sector 5

Coax

SHEET 8
FANOUT
sECL TO sECL

P1

P2
P3
P4
P5 Spare
P6 Spare
P7 Spare
P8 Spare

RACK: L1-22
NIM BIN

Coax

Space Frame Deck 1
[HIT BIT TRIGGER GATE]
TRIGGER CALIBRATION INTERFACE [TCI]

HBTG [TCI] ADB Crate(top); Rack L1-19 Sector 2
HBTG [TCI] ADB Crate(mid); Rack L1-19 Sector 1
HBTG [TCI] ADB Crate(bot); Rack L1-19 Sector 6

Trigger Signal Distribution
to
Space Frame Deck1 [Drift Chamber Region III]

CEBAF
Continuous Electron Beam Accelerator Facility
United States Department of Energy
Newport News, Virginia

Fast Electronics Group

Title: Hall B Trigger Fanout Block Diagram

Engr. Cuevas		
Dfts.	Size B	Number / Rev
Appr.		
Date 31 OCTOBER 1996	Filename SHEET D	Sheet of