FORWARD CARRIAGE

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

** MODIFIED **
FANOUT
sECL & diffECL OUT

P1
P2
P3
P4
P5 Spare
P6 EC1
P7 EC2
P8 CC1
P9 TOF

NIM BIN
RACK: C2-6

RG58

Twinaxial
Cables
[RG108]

794

Gate
Trig
ECL OUT
NIM / seECL
seECL / NIM
1.2uS
[RG108]

TO TLV1
FWD CARRIAGE
DECK 3 RACK: C3-4

NIM BIN
RACK: C2-6

SHEET 9
FANOUT
sECL TO diffECL

P1
NIM BIN
DECK 1 NORTH
RACK: L1-5

P2 J8 FastBus Crate DC Top;Rack L3-7;
P3 J8 FastBus Crate DC Bot;Rack L3-7;
P4 J8 FastBus Crate DC Top;Rack L2-7;
P5 J8 FastBus Crate DC Bot;Rack L2-7;
P6 J8 FastBus Crate DC Bot;Rack L2-9;
P7 J8 FastBus Crate DC Bot;Rack L1-6;
P8 J8 FastBus Crate DC Bot;Rack L1-6;
P9 Spare

RG-108
Twinaxial
Cables

Space Frame Deck 1,2,3
[ FAST CLEAR ]
Fastbus Signal Distribution Boards

SHEET 9
FANOUT
sECL TO diffECL

P1
NIM BIN
DECK 1 SOUTH
RACK: L1-22

P2 J8 FastBus Crate DC Top;Rack L1-20;
P3 J8 FastBus Crate DC Bot;Rack L1-20;
P4 J8 FastBus Crate DC Top;Rack L3-14;
P5 J8 FastBus Crate DC Bot;Rack L3-14;
P6 J8 FastBus Crate TAGGER; Rack#3[FLOOR]
P7 Spare
P8 Spare
P9 Spare

RG-108
Twinaxial
Cables

Space Frame Deck 1,3
[ FAST CLEAR ]
Fastbus Signal Distribution Boards

SHEET 9
FANOUT
sECL TO diffECL

P1
NIM BIN
SOUTH CLAMSHELL
RACK: LAC

P2 J8 FastBus Crate LAC; Rack#: LAC
Spare
P9

South Clamshell [ LAC ]
[ FAST CLEAR ]
Fastbus Signal Distribution Boards

** Outputs are Single Ended ECL signals. Use coaxial connection.

# FAST CLEAR SIGNAL DISTRIBUTION
to
FORWARD CARRIAGE AND SPACE FRAME FASTBUS CRATES

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 UPDATED 26JAN00 | Filename FASTCLR | Sheet of | |