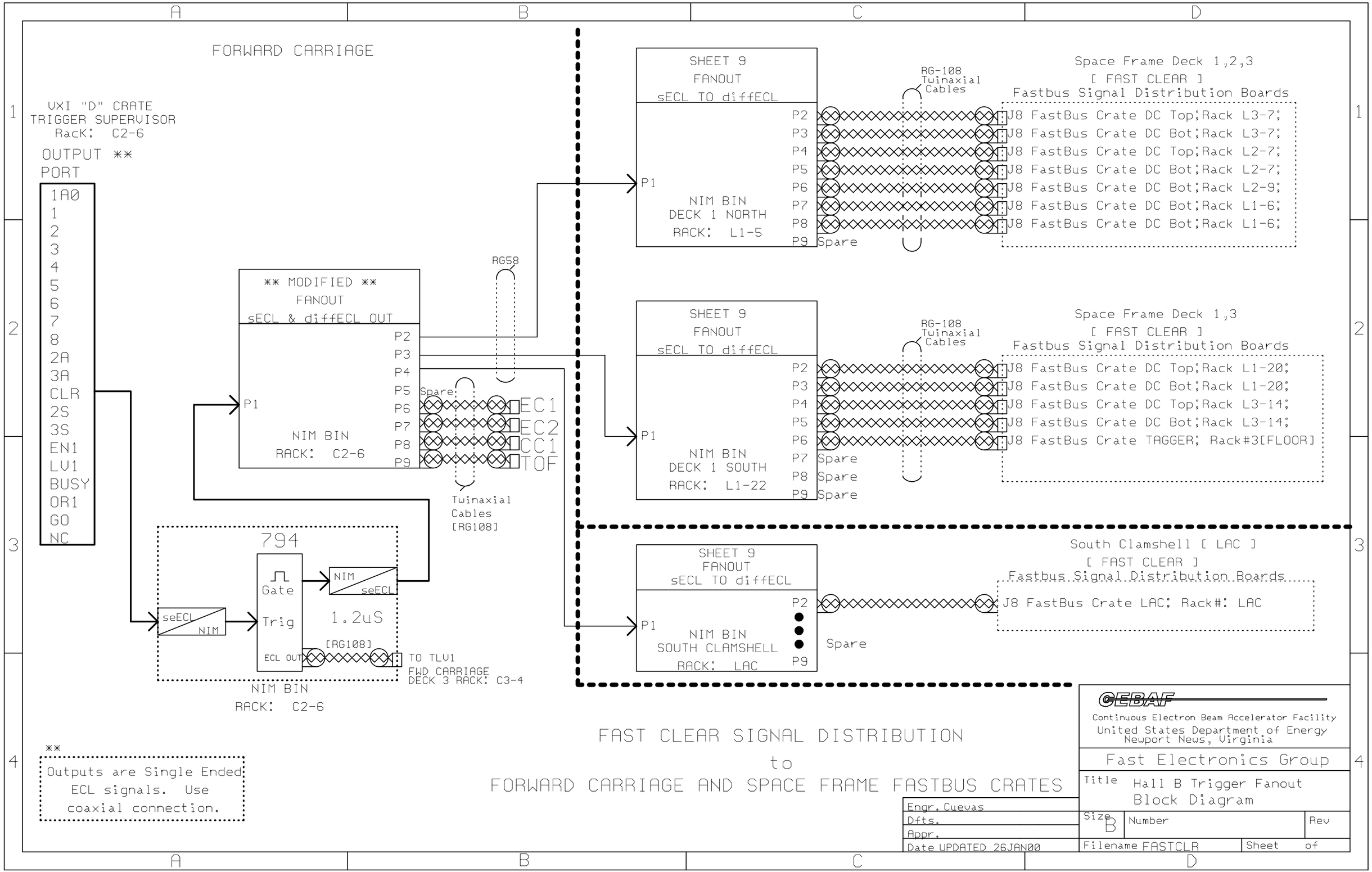
FORWARD CARRIAGE
VXI "D" CRATE
TRIGGER SUPERVISOR
RacK: C2-6
OUTPUT **
PORT
1A0
1
2
3
4
5
6
7
8
2A
3A
CLR
2S
3S
EN1
LV1
BUSY
OR1
GO
NC
** MODIFIED **
FANOUT
sECL & diffECL OUT
P1
P2
P3
P4
P5
P6
P7
P8
P9
Spare
NIM BIN
RACK: C2-6
RG58
EC1
EC2
CC1
TOF
Twinaxial
Cables
[RG108]
794
Gate
Trig
ECL OUT
NIM
seECL
1.2uS
seECL
NIM
[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
P3
P4
P5
P6
P7
P8
P9
Spare
RG-108
Twinaxial
Cables
Space Frame Deck 1,2,3
[FAST CLEAR]
Fastbus Signal Distribution Boards
J8 FastBus Crate DC Top;Rack L3-7;
J8 FastBus Crate DC Bot;Rack L3-7;
J8 FastBus Crate DC Top;Rack L2-7;
J8 FastBus Crate DC Bot;Rack L2-7;
J8 FastBus Crate DC Bot;Rack L2-9;
J8 FastBus Crate DC Bot;Rack L1-6;
J8 FastBus Crate DC Bot;Rack L1-6;
SHEET 9
FANOUT
sECL TO diffECL
P1
NIM BIN
DECK 1 SOUTH
RACK: L1-22
P2
P3
P4
P5
P6
P7
P8
P9
Spare
Spare
Spare
RG-108
Twinaxial
Cables
Space Frame Deck 1,3
[FAST CLEAR]
Fastbus Signal Distribution Boards
J8 FastBus Crate DC Top;Rack L1-20;
J8 FastBus Crate DC Bot;Rack L1-20;
J8 FastBus Crate DC Top;Rack L3-14;
J8 FastBus Crate DC Bot;Rack L3-14;
J8 FastBus Crate TAGGER; Rack#3[FLOOR]
SHEET 9
FANOUT
sECL TO diffECL
P1
NIM BIN
SOUTH CLAMSHELL
RACK: LAC
P2
P9
Spare
South Clamshell [LAC]
[FAST CLEAR]
Fastbus Signal Distribution Boards
J8 FastBus Crate LAC; Rack#: LAC
**
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.
Appr.
Date UPDATED 26JAN00
Size B
Number
Rev
Filename FASTCLR
Sheet of