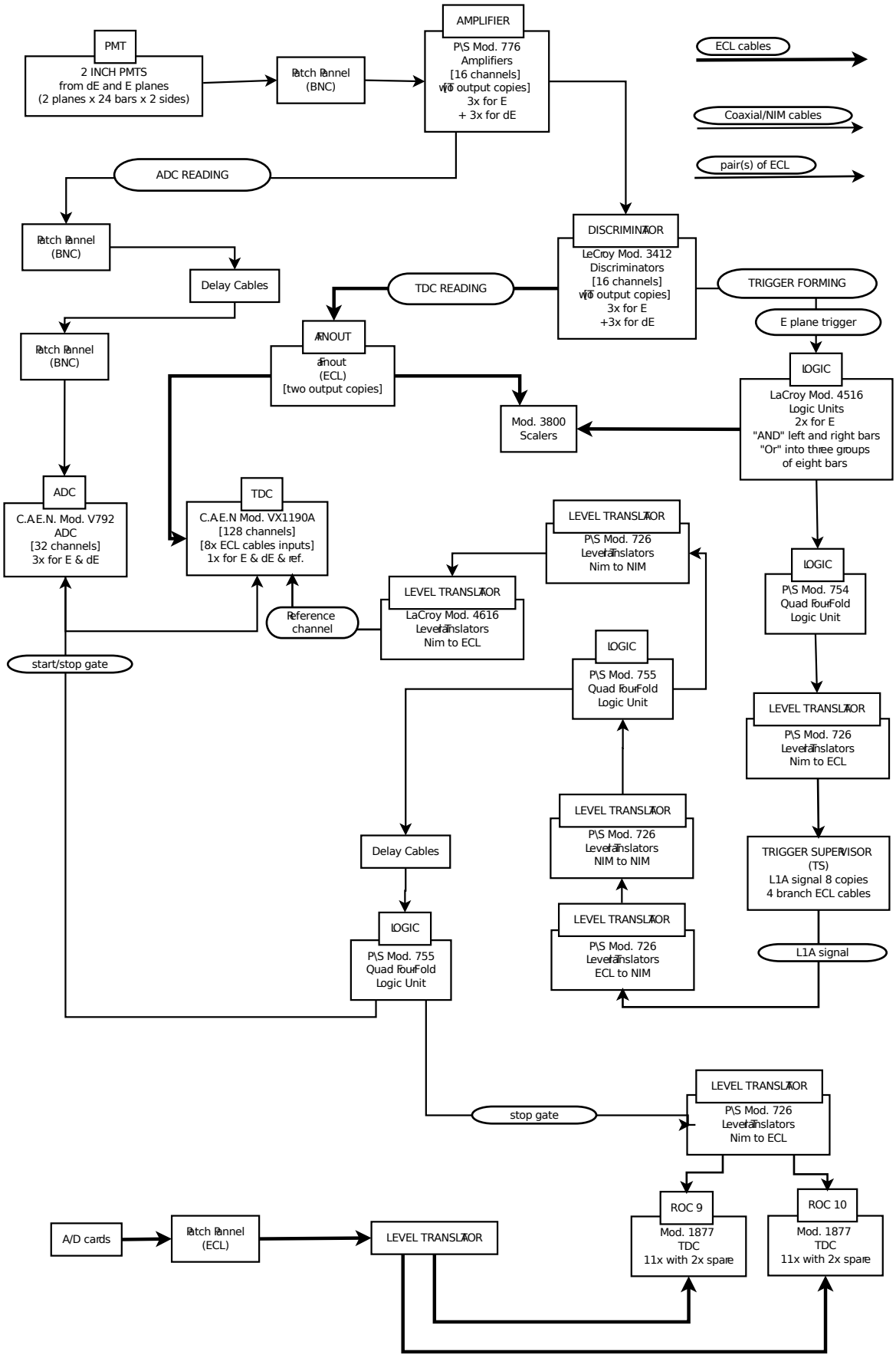
PMT
2 INCH PMTS
from dE and E planes
(2 planes x 24 bars x 2 sides)
Patch Panel
(BNC)
AMPLIFIER
P\S Mod. 776
Amplifiers
[16 channels]
with 6 output copies]
3x for E
+ 3x for dE
ECL cables
Coaxial/NIM cables
pair(s) of ECL
ADC READING
Patch Panel
(BNC)
Delay Cables
DISCRIMINATOR
LeCroy Mod. 3412
Discriminators
[16 channels]
with 6 output copies]
3x for E
+3x for dE
TDC READING
TRIGGER FORMING
E plane trigger
Patch Panel
(BNC)
FANOUT
fanout
(ECL)
[two output copies]
LOGIC
LaCroy Mod. 4516
Logic Units
2x for E
"AND" left and right bars
"Or" into three groups
of eight bars
Mod. 3800
Scalers
ADC
C.A.E.N. Mod. V792
ADC
[32 channels]
3x for E & dE
TDC
C.A.E.N Mod. VX1190A
[128 channels]
[8x ECL cables inputs]
1x for E & dE & ref.
LEVEL TRANSLATOR
P\S Mod. 726
Level Translators
Nim to NIM
LEVEL TRANSLATOR
LaCroy Mod. 4616
Level Translators
Nim to ECL
Reference
channel
LOGIC
P\S Mod. 754
Quad FourFold
Logic Unit
start/stop gate
LOGIC
P\S Mod. 755
Quad FourFold
Logic Unit
LEVEL TRANSLATOR
P\S Mod. 726
Level Translators
Nim to ECL
LEVEL TRANSLATOR
P\S Mod. 726
Level Translators
NIM to NIM
Delay Cables
TRIGGER SUPERVISOR
(TS)
L1A signal 8 copies
4 branch ECL cables
LEVEL TRANSLATOR
P\S Mod. 726
Level Translators
ECL to NIM
LOGIC
P\S Mod. 755
Quad FourFold
Logic Unit
L1A signal
LEVEL TRANSLATOR
P\S Mod. 726
Level Translators
Nim to ECL
stop gate
ROC 9
Mod. 1877
TDC
11x with 2x spare
ROC 10
Mod. 1877
TDC
11x with 2x spare
A/D cards
Patch Panel
(ECL)
LEVEL TRANSLATOR