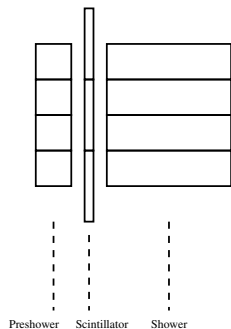
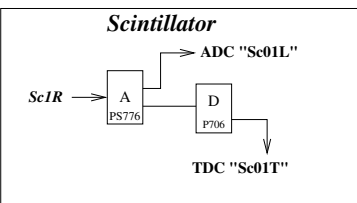
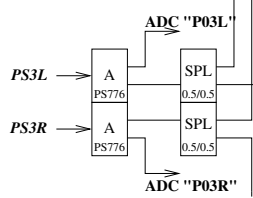
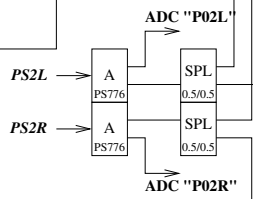
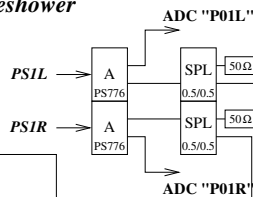


BigBite Shower/Pre-shower Trigger Logic

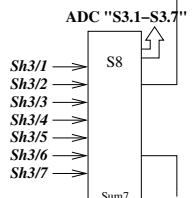
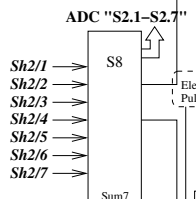
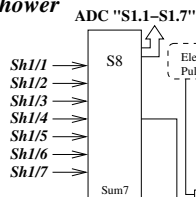
NOTE: Electronic DT pulser won't fire if the PS is needed in the AND
- one solution would be to force the coin. by changing the
P757 with a '2of3' capable module and inserting another
copy of the DT pulse there.



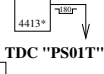
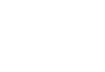
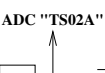
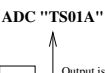
Preshower



Shower



NOTE: Electronic DT pulser should be fed into separate TDC channel as an additional flag. The same pulse should be used to simulate coin. timing with the HRS for Transversity.



From other Sh+PS Coinc. in this cluster

From other Sh+PS Coinc. in this cluster

Build Clusters for geom. overlap with Cerenkov

Cluster 1 of 9 to overlap with Cer. cluster 1 of 9

NOTE: Shower clusters are overlapped.

Cluster 2 of 9 to overlap with Cer. cluster 2 of 9

NOTE: See Cerenkov diagram for the full Shower+Cer(d2) Trigger, and Cerenkov-related cable and module counts. EDT F/O also located in Cer. Rack.

"T6"

"Shower" Trigger

NOTE: This trigger better have a lower threshold than the "regular" trigger if you want TDC data.

"T1"

"Shower" Trigger