

SHMS Single Arm Trigger

pre-Trig (pShHI,
pShLO)

pre-Trig
(Heavy/Noble
Gas Cherenkov)

pre-Trig (Aero
Cherenkov)

pre-Trig (Hodo)

*'Any combination of
experiment-specific
pre-Triggers'*

NIM Logic
P/S 755
(SHMS pre-Trig)

NIM/ECL

NIM/ECL

Scalers (VME)

C1190 TDC (VXS)

TI
(Master)
(ROC 02)

NIM/ECL
NIM/ECL

Scalers (VME)

C1190 TDC (VXS)

SHMS pre-Trigger
(only for 'Coincidence')

- Lemo
- Ribbon
- - - Twisted Pair

Lemo Daisy-Chained
with all TDCs in ROC 02 crate
via 'TRG' NIM input

(REF time)

Twisted pair
(copies of SHMS
pre-Trigger)

TS #2 (SHMS pre-Trigger)
(up to 6 TS inputs in TI module)

(REF time)

SHMS
Trigger
(accepted
triggers)

leomo

Twisted
pair

Jumper
leomo

Ribbon

Ribbon

leomo

leomo