

Padova

ELECTRONICS OF BARREL DRIFT TUBE CHAMBERS

Gen – May 1999

TRACO

- Chamber coordinate conversion bug fixed – new layout (2/99)
- Chip signoff (3/99) - prototypes expected 6/99

BTI

- Prototypes irradiated at 5krad and 10krad – no measurable effect (1/99)
- Steady-State Life test according to MIL-STD-883E Method 1005.8 for 1950h at 125°C – 4 prototypes 0 failures
- BTIM multichip ceramic module:
 - Ist prototype was bad (1/99)
 - IInd prototype corrected expected end of 5/99
- Test with cosmic rays on MB96 chamber at LNL (3/99)

CONTROL BOARD

- IInd prototype (4/99)

SECTOR COLLECTOR

- Trigger Optical Link Ist prototype (PAROLI) layout (4/99)

MINICRATE

- Extrusion section defined (4/99)

NEUTRONS TOLERANCE

- Irradiation program at LNL using thermal and fast neutrons
 - Ist test period may/18 – june/16