

Endcap

Signal Feedthrough

Production at Victoria

Status Summary

Projected Production Rate

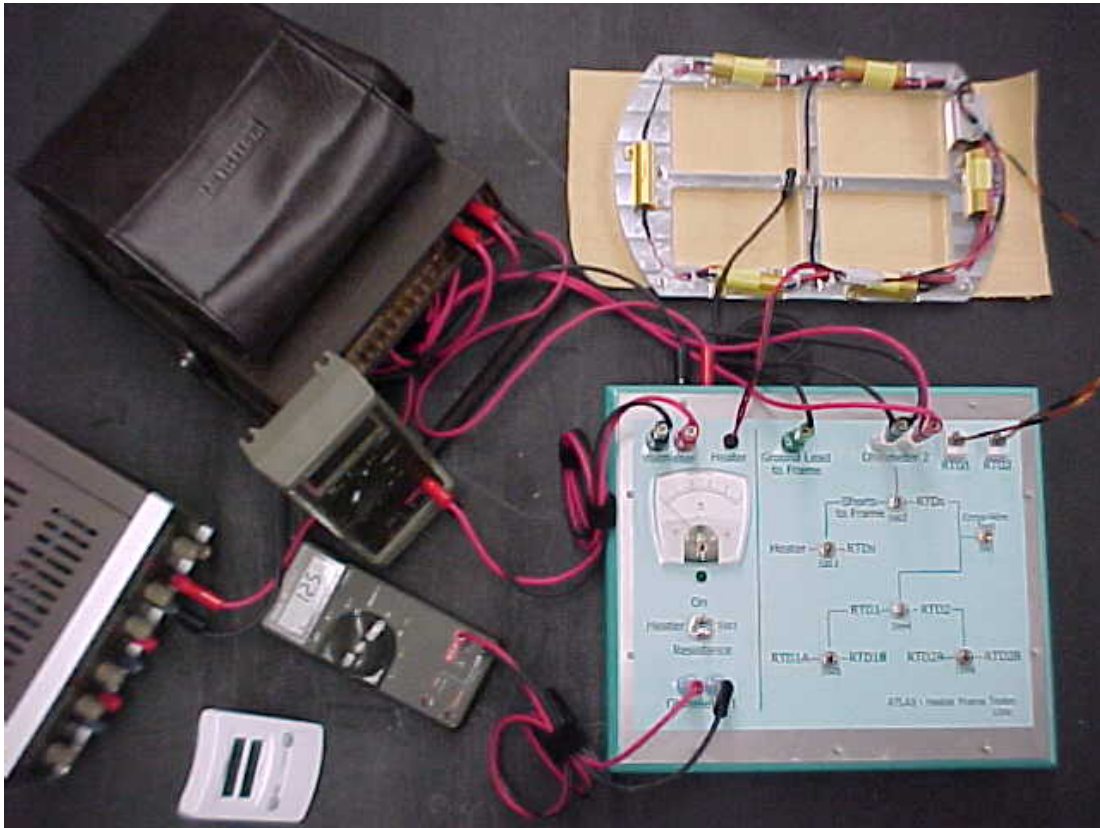
Date	Build	Running Sum
31-may-2002	-	44
30-jun-2002	5	49
31-jul-2002	3	52
31-???-2002	3	55

- 30 feedthroughs (19 Standard, 5 Special, 5 HEC, 1 FCAL) now at CERN
⇒ all ECC feedthroughs + 5 spares (3 Standard, 1 Special, 1 HEC)
- 29 feedthroughs at CERN fully tested and officially received by the ATLAS Cryostats and Cryogenics project leader.
- All feedthrough components in hand for completion of project except for 72 remaining pigtail cables.
 - 10 T47's (Standard), 24 T48's (Standard) and 30 T52's (FCAL) are delayed due to μ -D procurement problem — original type insulation material no longer available.
 - Construction of the final two Standard and one FCAL feedthroughs will be held up until the pigtails are received and LAr pollution tests of the new insulation material are completed.

Victoria Manpower at CERN for Assisting Aboud with Feedthrough Integration

Paul Birney	22 June – 5 July	feedthrough integration preparation
Fiona Holness	3 July – 30 August	feedthrough integration
Paul Poffenberger	3 July – 16 July	initial feedthrough integration
Wendy Wiggins	3 July – 16 July	initial feedthrough integration

Ambient Flange Heater Tests



Test for:

- heater power shorts to frame
- RTD shorts to frame
- cross wiring between RTD's
- resistance of power resistors
- RTD resistances at ambient temperature
- RTD resistances after five minutes at 45.5 W