

# **Endcap Feedthrough Production at Victoria**

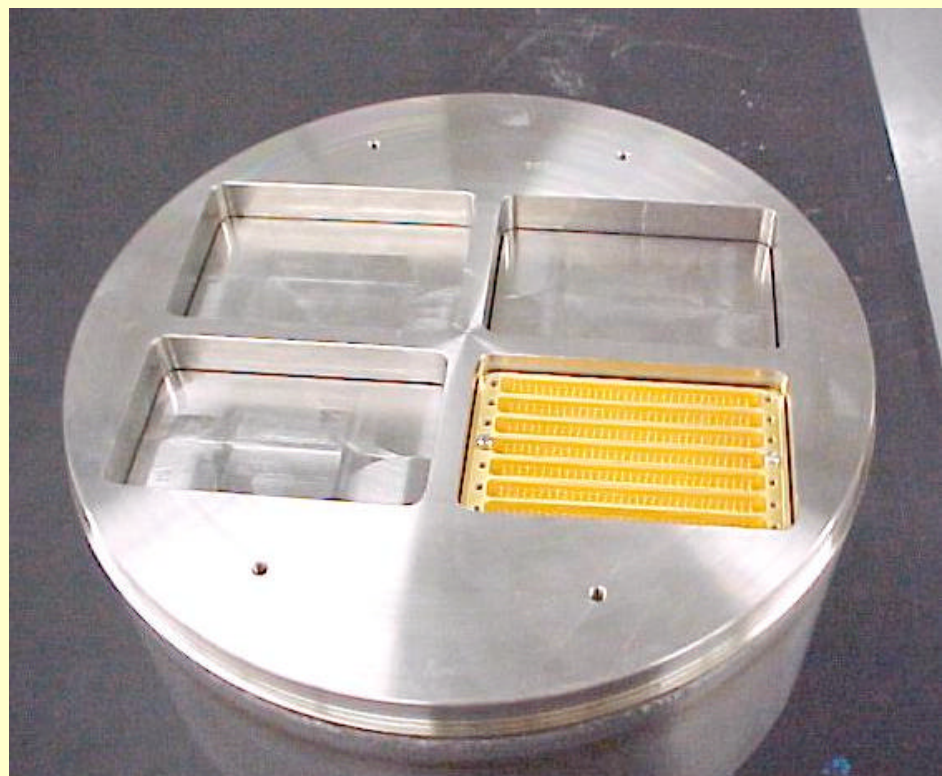
## *Status Summary*

LARG week  
02/00

Paul Poffenberger  
University of Victoria



**TIS**  
**burst-test vessel**  
**at CERN**  
**now**



LARG week  
02/00

Paul Poffenberger  
University of Victoria



**FT -1**  
*(final prototype)*

**cable  
assembly**



LARG week  
02/00

Paul Poffenberger  
University of Victoria

# rohacell and vacuumcables



**continuity  
testing before  
welds**

LARG week  
02/00

Paul Poffenberger  
University of Victoria



LARG week  
02/00

Paul Poffenberger  
University of Victoria

**insertion  
of feedthrough  
into cold-test  
station**



LARG week  
02/00

Paul Poffenberger  
University of Victoria

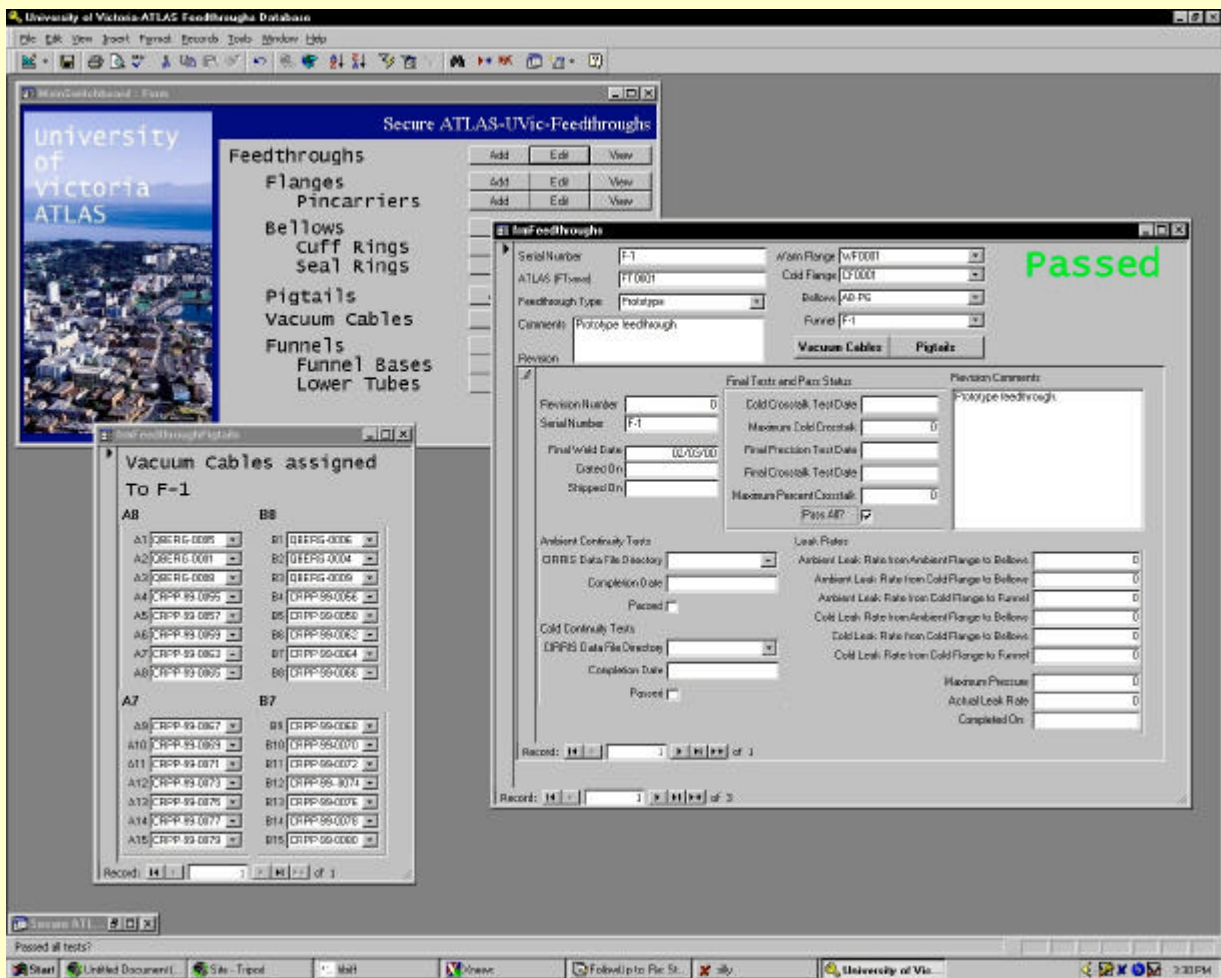


# **cold-test station for leak checks and electrical checks under operating conditions**

LARG week  
02/00

Paul Poffenberger  
University of Victoria

# Production Database is written and in use



LARG week  
02/00

Paul Poffenberger  
University of Victoria



# Major Components for Initial Feedthrough Production

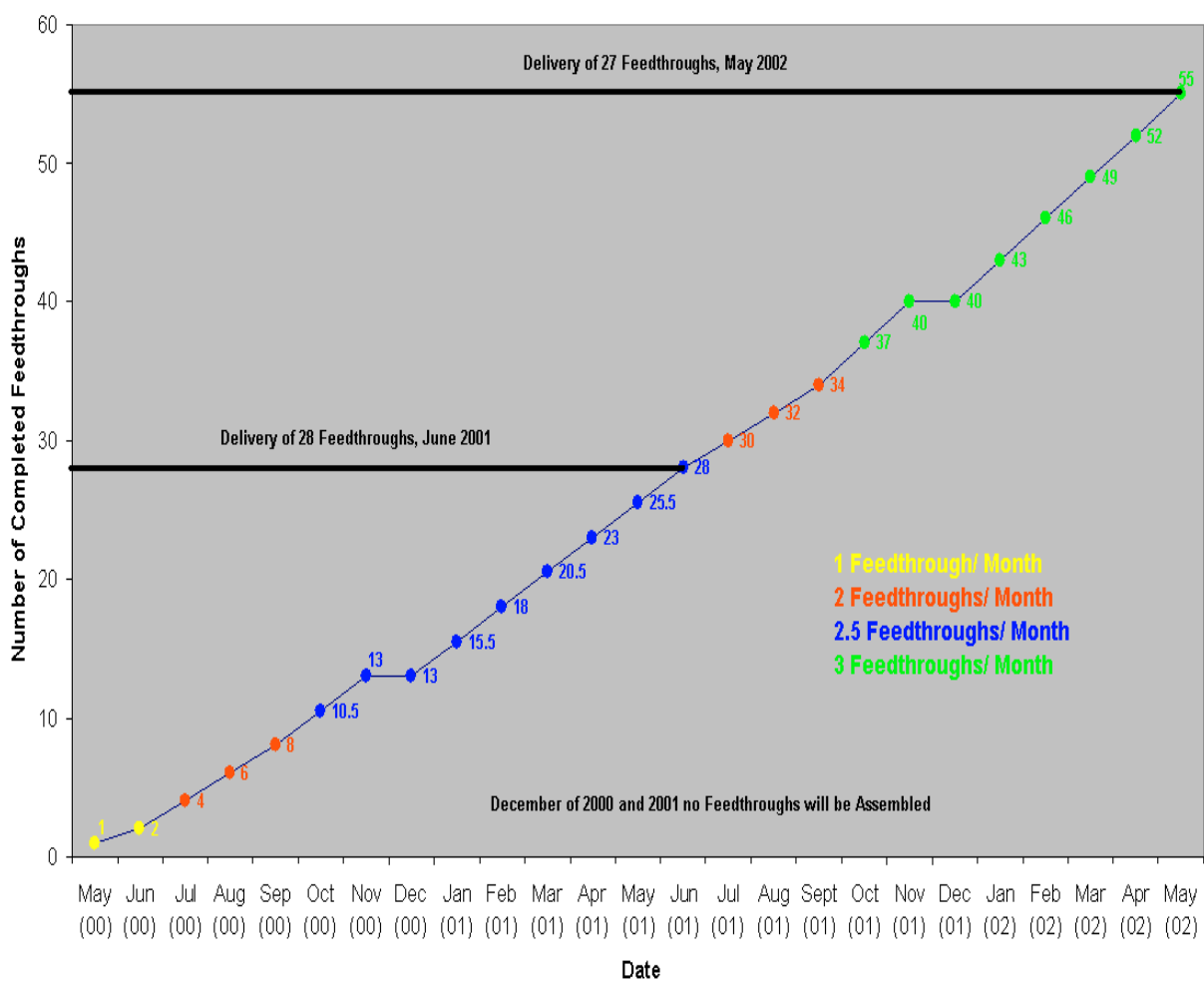
- *Vacuum Cables*
  - have been ordered
  - shipping schedule: 350 cables on each of 28 Feb, 28 Apr, 28 May, 28 Jun, 28 Jul
- *Pigtail Cables*
  - 30 cables in stock now (enough for 1 feedthrough)
  - first shipment from Orsay expected now

- ***Pincarriers***
  - 11 7-row and 13 8-row in stock and fully tested; 1 additional of each type in stock but yet to be cold cycled
- ***Ambient and Cold Flanges***
  - final machining being set up now
- ***Bolt Ring, Cuff Ring, Seal Ring, Funnel Base, Lower Funnel Tube***
  - final machining being set up now
- ***Bellows***
  - awaiting delivery of cuff rings and seal rings

- *Rohacell*
  - all rohacell is in stock and fully machined
- *Ambient Flange Glands*  
*(Tee Pieces)*
  - final design settled; awaiting delivery from CERN

# Projected Schedule of Production

Number of Completed Feedthroughs Vs. Date



LARG week  
02/00

Paul Poffenberger  
University of Victoria