

Endcap Feedthrough Production at Victoria

- 14 pincarriers arrived since last LARG week (*six 8-row and eight 7-row*)
- one feedthrough completed since last LARG week (*total of four feedthroughs completed*); one feedthrough presently under construction.
- no pincarriers remaining in stock
- all flanges, funnels, and bellows in stock, cleaned, and tested
- remaining stock of 27 VCR T-glands
- QA/QC document in process of being placed on EDMS

Pigtail Inventory

<u>type</u>	<u>received</u>	<u>total</u>	<u>required for 1 EC</u>
	<i>orsay + uvic - returned</i>		
T47	472+18	490	352
T48	374+12- 1 ⁽¹⁾	385	280
T49	43	43	32
T50	16	16	16
T51	16+10	26	24
T52	33	33	30
LV	20	20	16

(1) - returned to Axon for repair

Vacuum Cable Inventory

(Unchanged since last LARG week)

<u>type</u>	<u>received</u>	<u>returned</u>	<u>total</u>
Signal	1650	136	1514/1750
LV	40		40/40

Long-Term Resistor Tests - Completed

High Power Tests:

50 Ohm resistors - 16W surface temperature 38-41 C
29W surface temperature 40-62 C
50W surface temperature 57-69 C

Test duration: **286 days**

75 Ohm resistors - 43W Surf. Temp. 40-52 C - **74 days**

100 C Surface Temperature Tests:

50 Ohm resistors: 5.1W Test duration: **308 days**

75 Ohm resistors: 7.5W Test duration: **74 days**

Water Dunk / Dunk and Freeze Tests:

50 Ohm resistors: 4700 dunk cycles
5.4W - surface temperature: 47 C
Test duration : **52 days**

50 Ohm resistors: 1080 dunk cycles (daytime)
36 freeze cycles (at night)
1.3W - surface temperature 38 C
Test duration: **36 days**

None of the resistors failed