



**PFR-226 Title: P1 Thermistors BTMPCSLN1 and BTMPCSSVC swapped**

<b>Assembly : P1</b>		<b>SubAssembly : Telemetry</b>	
<b>Component : Temp Mnemonics</b>	<b>Units Affected:</b>	<b>Units fixed:</b>	
<b>Originator: Christopher Smith</b>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>Organization: SSL</b>		<b>Date: 06 Sept 06</b>	
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**Failure Occurred During (Check one ✓)**

☒ Functional test   ☐ Qualification test   ☐ S/C Integration   ☐ Launch operations   ☐ Other (Calibration)

**Environment when failure occurred:**

☐ Ambient                      ☐ Vibration                      ☐ Shock                      ☐ Acoustic  
☐ Thermal                      ☐ Vacuum                      ☒ Thermal-Vacuum                      ☐ EMI/EMC

**Problem Description**

The two mnemonics BTMPCSLN1 and BTMPCSSVC are swapped on P1. BTMPCSLN1 is really registering the temperature of the BTMPCSSVC location and BTMPCSSVS is really registering the temperature of the BTMPCSLN1 location..

**Analyses Performed to Determine Cause**

This behavior was detected in the functional test of these heaters in thermal vacuum testing at JPL. No further testing is required

**Corrective Action/ Resolution**

The P1 specific database has been updated to reverse this switch.

Acceptance:

MAM: Ron Jackson \_\_\_\_\_; MSE: Ellen Taylor \_\_\_\_\_

PM: Peter Harvey \_\_\_\_\_; Cognizant Engineer \_\_\_\_\_

Date of Closure \_\_\_\_\_