



**PFR-155 Title: Commands after warm reset are locked out**

<b>Assembly :</b> BAU	<b>SubAssembly :</b> FSW	
<b>Component :</b>	<b>Units Affected:</b>	<b>Units fixed:</b>
<b>Originator:</b> Ellen Taylor	-   x   -   -   -   -	-   x   -   -   -   -
<b>Organization:</b> Swales/UCB	<b>Date:</b> 3/16/06 (date found)	
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**Failure Occurred During (Check one )**

- Functional test
- Qualification test
- S/C Integration
- Launch operations
- Other (Flight Assy)

**Environment when failure occurred:**

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

**Problem Description**

During the FSW 3.003 acceptance testing at UCB on 3/16/06, commands were completely locked out. The system had to be reset to re-gain commanding capability.

**Analyses Performed to Determine Cause**

This issue was seen at Swales as well and logged as ITS 394 (Swales PRB 267). Sending a command too soon after a warm reset kills commanding. A short term work-around is to wait >10 seconds after a warm reset.

**Corrective Action/ Resolution**

FSW 3.1 has fixed this problem. Probe 4 with BAU EDU and V3.1 FSW was delivered to UCB and tested on 5/3/06.

Acceptance:  
MAM: Ron Jackson \_\_\_\_\_ ; MSE: Ellen Taylor \_\_\_\_\_  
PM: Peter Harvey \_\_\_\_\_ ; Cognizant Engineer \_\_\_\_\_  
Date of Closure \_\_\_\_\_