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**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

<b>Problem Description</b>
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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.

<b>Analyses Performed to Determine Cause</b>
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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.

<b>Corrective Action/ Resolution</b>
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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 \_\_\_\_\_