## STEREO IMPACT FSW CPU Performance

PROBLEM REPORT PR-1043 2005-07-15

PR Numbers: 1xxx=UCB, 2xxx=Caltech/JPL, 3xxx=UMd, 4xxx=GSFC/SEP, 5xxx=GSFC/Mag, 6xxx=CESR

7xxx=Keil, 8xxx=ESTEC	c, 9xxx=MPAe	IAAA-GGI O/GEI , CAAA-GGI	oming, omin-order,	
Assembly: Flight Software  Component/Part Number: n/a  Originator: David Curtis  Phone: 510-642-5998		<b>SubAssembly:</b>	SubAssembly: IDPU Serial Number: Build 2.8 Organization: U.C. Berkeley Email: dwc@ssl.berkeley.edu	
		Serial Number:		
		Organization:		
		Email: dwc@s		
	d During (Check one $\sqrt{}$			
√ Functional test	☐ Qualification test	☐ S/C Integration	☐ Launch operations	
Environment wh	en failure occurred:			
√ Ambient	☐ Vibration	□ Shock	☐ Acoustic	
☐ Thermal	□ Vacuum	☐ Thermal-Vacuum	□ EMI/EMC	
	_ , <b></b>			
	Problem	m Description		
	on the IDPU reached 150% of includes the new PLASTIC		rmed on the Build 2.8 IDPU	
		ned to Determine Ca		
	software requires complicat or efficiency and will rework		nms. UCB and Microtel are now	
	Corrective A	Action/ Resolution		
Update 1/6/2006: PL and mission simulation	ASTIC FSW 3.03, IDPU v2.	9 has been installed onto h the IMPACT suite and	ther work and testing is needed. both observatories. CPT tests PLASTIC instrument running a minute is at ~85%.	
√ Rework	□ Repair	□ Use As Is	□ Scrap	
	Closur	re Approvals		
	Subsystem Lead:		Date:	
IMI			Date	
Subsystem Lead:  IMPACT Project Manager:  IMPACT QA:  NASA IMPACT Instrument Manager:			Date:	
NASA IMPACT Instrument Manager:			Date:	