STEREO CONFIGURATION CHANGE REQUEST

TITLE: IMPACT SWEA door actuator power				CLASS: NUMBER:											
	O.(;	return	ground iso	lation					, т	1					
	Orde							X	_	DATE	. o /1	1 /OF			
Use Only							II DATE: 8/1/05								
CONFIGURED ITEM:							ORIGINATOR: PRIORITY: Name: Dave Curtis								
STS	Number:			Payload: STEREO			Organization: U.C. Berkeley			/		1	Rou	ıtine	
Component:				Experiment:	IMPACT	Phone: 510-642-59					,	Urg			
Component Part #:				Serial #:	All fight	Email: dwc@ssl.berk				J			ergency		
TYPE OF REQUEST:				RESPONSIE	BLE		IMPACTS:								
				ORGANIZATION/INDIVIDU			UAL:	(If yes attach additional pages)							
Configuration															
	Deviation #						COST:				Yes	$\sqrt{}$	No		
√	Waiver		#												
	Other:							EDULE:		Yes	\checkmark	No			
REA	SONS FO	OR CHA	NGE:	•						RETES	ST RE	QUIRE	D:		
	Improve	ment	Test/Pa	yload Failure			lew Document:	No							
	Reliabilit	,		ation Requirem			Other:			Υ	es.				
				dditional pages			1 0020	~~ 0 0	44 ~					4	
				assis ground			1-9030, secti	011 3.2	. 1 . 1 , 8	iales i	nat tr	ie pow	erre	turn	
	orian bo	iooiato	a 110111 0110	acolo ground	by at loc	201 11110									
							status of the							nsists	
of a 5 V secondary power source, a 10K series resistor, followed by a series diode, followed by the															
	actuator, to primary return. Electrical current from the secondary power path is returning via the primary return to star ground and then back to the instrument return via the chassis. This small DC current of														
							s soon as the								
	no curre	nt flow													
	The SW/	EA doc	or was one	an during IMI		1 ⊑N1 1 +	esting, but du	ırina ol	hearus	aton/ E	MC +	octina	tho '	SIME A	
	door will	be ope	ened and	closed to ch	eck for E	MC em	issions.	ining of	USEIV	atory L	IVIC t	esting,	uic .	SVVLA	
				ages as required											
		,	-	•	•	nd the c	ircuit is open	ad in s	cience	a mode	\ (aft)	or SME	Δ	oor is	
	opened)		atii is iaiii	iy mgir imped	dance an	id tile c	irouit is open	eu iii s	CICITO	5 mode	, (arti	GI OVVL	.A ut	JOI 13	
DOC	· '		WINGS AT	FFECTED (Do	cument N	Io /Title	/Section) : S 7	TEREC) FMC	: Regu	irem	ents Sn	ecifi	cation	
	1-9030	J/ DKA	WINGS AI	TECTED (DO	cument iv	10./ THE	7 Section). O		LIVIC	Nequ	ii Ciiii	опо ор	COIII	cation,	
A FIFE CITIED (or a latitude of latitude o															
AFFECTED (Check all that apply):															
FLIGHT SYSTEMS: Avionics GROUND SYSTEMS: Electrical and Cables															
√ Experiment Software/Firmware															
Structures and Mechanical Other: Other:															
REÇ	UIRED A	PPROV	AL DATE:	<u> </u>			_			•					
REÇ	UIRED J	USTIFIC	CATION:												
													(Pa	ge 1 of 2)	

STEREO CONFIGURATION CHANGE REQUEST

TITLE:					CLASS:	1		NUMBER:			
For Office							I				
Use Only						II	DATE:				
CONTRACT/AGREEMENT NUMBER EFFECTIVITY:											
STEREO NAS5-97271 √ 1				MPACT S-13635Y	PLASTIC NAS5-00132			SECC	SECCHI S-13631Y		
DOCUMENTS/DRAWINGS TO BE REVISED:											
Document/Drawing Number:				Document/Drawing Title:	\ <i>\</i>			EO No.:	Date Completed:		
								110			
PROCESSING APPROVAL:											
	ССВ										
	Out of Board										
	Emergency			Systems Engineer					Date		
CCB APPROVAL:											
CCB ACTION DATE:				CCB ACTION ITEMS/CONDITIONS:							
	Approv	ed									
	Denied										
	Withdra	iwn									
	Hold										
CLOSEOUT COMMENTS:				Da			DATE OF CLOSEOUT:				
						CM	0				
<u> </u>											