
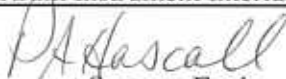
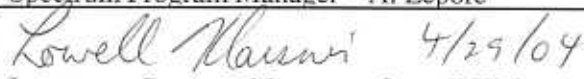


Approved APR 30 2004

 SPECTRUMASTRO		GLAST Mission Interface Change Notice (ICN)		ICN No. 054
				SHEET <u>1</u> OF 1
ORIGINATOR: Tim Morse		PHONE: 480-892-8200		DATE: 4-19-04
CHANGE TITLE: Limit Checking of LAT Analogs				ORG: Spectrum Astro
DOCUMENT NUMBER	TITLE		VERSION	
1196-EI-Y46311-000	LAT-SC ICD		B	
REASON FOR CHANGE: The LAT-SC IRD requires that the SC FSW be able to monitor and respond to all LAT analog telemetry signals, not just the ones defined as requiring actions in the LAT-SC ICD. This allows the program office the flexibility to have the SC monitor and perform limit checking on other signals as needed. This ICN updates the ICD to make the SC compliant with the IRD.				
PROPOSED CHANGE: 11.3.1.1 LAT Analog Monitoring The SC FSW shall monitor the all LAT analog temperature signals as listed in Table C-1, C-2 and C-3 for health and safety. The SC FSW shall provide the ability to disable limit checking for any specific analog signal. The SC FSW shall perform limit checking on analog signals that are enabled. The SC FSW shall Execute and RTS when any enabled LAT analog signals exceeds on-board limit values. The RTS shall cause an alert telemetry message to be transmitted and remove operational (SIU and DAQ) power to the LAT.				
INSTRUMENT IMPACT <input type="checkbox"/> Cost <input type="checkbox"/> Schedule				
SPACECRAFT IMPACT <input type="checkbox"/> Cost <input type="checkbox"/> Schedule				
ORIGINATOR SIGNATURE:				
APPROVAL SIGNATURES:				
Spectrum Instrument Interface Lead – Tim Morse		Spectrum Program Manager – Al Lepore		
 Instrument Systems Engineer – Dick Horn		 4/29/04 Instrument Program Manager – Lowell Klaisner		