
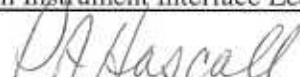
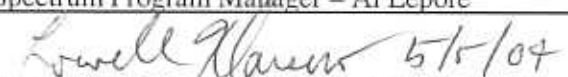


APPROVED - MAY 05 2004

 SPECTRUMASTRO		GLAST Mission Interface Change Notice (ICN)		ICN No. 048
				SHEET <u>1</u> OF 1
ORIGINATOR: Tim Morse		PHONE: 480-892-8200		DATE: 3-10-04
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: <p>The SC FSW has the requirement to perform limit checking of the LAT analog temperature sensors for health and safety. Recent analysis by the SC C&DH subsystem shows that the 1° C accuracy can only be achieved for the RTDs by applying a correction factor based on a reference resistor reading prior to processing the analog signals. An additional requirement needs to be generated for the SC FSW to apply this correction prior to performing limit checking on all LAT analog temperature sensors.</p>				
PROPOSED CHANGE: <p>11.3.1.1 LAT Analog Monitoring</p> <p>The SC FWS shall monitor the LAT analog temperature signals as listed in Table C-1 for health and safety.</p> <p>The SC FSW shall apply applicable correction factors to the analog readings prior to performing limit checking.</p>				
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		 Instrument Program Manager – Lowell Klaisner		