
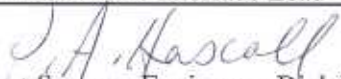
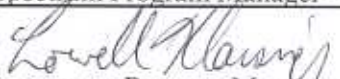


Approved - APR 30 2004

 GLAST Mission Interface Change Notice (ICN)		ICN No. 033
		SHEET <u>1</u> OF 7
ORIGINATOR: Tim Morse	PHONE: 480-892-8200	DATE: 4-1-04
CHANGE TITLE: LAT Analog Temperature Range and Accuracy		ORG: Spectrum Astro
DOCUMENT NUMBER	TITLE	VERSION
1196-EI-Y46311-000	LAT-SC ICD	B
REASON FOR CHANGE: <p>The LAT uses thermistors of type YSI-44909 with a resistance range of 884,600 Ohms @ -40°C to 7,599 Ohms @ +60°C. SC analysis shows a worst-case accuracy of $\pm 1^\circ\text{C}$ from +60°C to -26°C and $\pm 2^\circ\text{C}$ from -26°C to -40°C. This accuracy is achieved with processing using calibration resistor data on board the SC prior to limit checking. This calibration resistor information is included in the SC housekeeping telemetry. These accuracies account for the accumulation of all SC error sources, it does not include the accuracy error associated with the temperature sensor.</p>		
PROPOSED CHANGE: <p>See next page for changes to Section 6.4.3.4 and Appendix C, Table C-1.</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		 4/23/04 Instrument Program Manager - Lowell Klaisner