
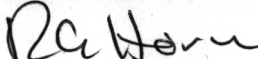



RECEIVED DEC 10 2004

APPROVED DEC 17 2004

 <h2 style="text-align: center;">GLAST Mission Interface Change Notice (ICN)</h2>		ICN No. 085
		SHEET <u>1</u> OF 1
ORIGINATOR: Tim Morse	PHONE: 480-892-8200	DATE: 11-17-04
CHANGE TITLE: LAT Analog Sampling Rate		ORG: Spectrum Astro
DOCUMENT NUMBER	TITLE	VERSION
1196-EI-Y46311-000	LAT-SC ICD	C
REASON FOR CHANGE: The hardware sampling is defined in Appendix C. This ICN captures the sampling rate for telemetry.		
PROPOSED CHANGE: 6.4.3.4 Passive Analog Telemetry The SC shall redundantly monitor ninety-six (96) analog signals as defined in Appendix C for inclusion in LAT housekeeping telemetry: <ol style="list-style-type: none"> a. 25 Resistance Temperature Devices (RTD) with pulse current excitation. b. 37 Thermister temperature devices with pulse current excitation. c. 2 Thermister temperature devices with constant current excitation. d. 28 Voltage outputs from the LAT. e. 4 Voltage outputs from the SC PRU for the SIU and VCHP Reservoir Heater Feeds. <p>The SC shall additionally provide and monitor analog voltage signals on the DAQ output feeds. The SC monitors the voltages at 1Hz and the temperatures at 0.5Hz.</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