



SPECTRUMASTRO

GLAST Mission Interface Change Notice (ICN)

ICN No.

050

SHEET 1 OF 1

ORIGINATOR: Tim Morse

PHONE: 480-892-8200

DATE: 3-22-04

CHANGE TITLE: PRU SIU and VCHP Voltage Analog Range

ORG: Spectrum Astro

DOCUMENT NUMBER

TITLE

VERSION

1196-EI-Y46311-000

LAT-SC ICD

B

REASON FOR CHANGE:

The TBDs for Range in Table C-3 are updated to reflect the designs of the SC PRU and IEM. The PRU senses the output feeds over the range of 0-40V, applies a 4:1 conversion factor and sends the signals to the IEM with a range of 0-10V. The voltage range and accuracy shown in the table are for the sensed values as calculated and included in telemetry, not the signals sent to the IEM.

PROPOSED CHANGE:

Table C-3. Voltage Analog Telemetry Provided by SC

ID	Function	Location/Description	Range (V)	Resolution	SC Action
93	Voltage	Primary Regulated SIU Bus	0-40	30 mV	None
94	Voltage	Redundant Regulated SIU Bus	0-40	30 mV	None
95	Voltage	Primary Regulated VCHP Bus	0-40	30 mV	None
96	Voltage	Redundant Regulated VCHP Bus	0-40	30 mV	None

INSTRUMENT IMPACT

- Cost
 Schedule

SPACECRAFT IMPACT

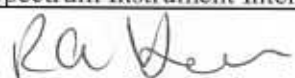
- Cost
 Schedule

ORIGINATOR SIGNATURE:

APPROVAL SIGNATURES:

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Spectrum Program Manager – Al Lepore


Instrument Systems Engineer – Dick Horn


Instrument Program Manager – Lowell Klaisner