LAT PROJECT DOCUMENT CHANGE NOTICE (DCN)

DCN No. LAT-XR-06771-01

SHEET 1 **OF** 1

ORIGINATOR: Dave Tarkington	**PHONE:** 650-926-3791	**DATE:** 4/29/05
CHANGE TITLE: DCN for Revised Electronics Boxes PDU Assembly Drawings		**ORG.:**

DOCUMENT NUMBER	TITLE	NEW REV.
LAT-DS-01846	GLAST Electronics Boxes PDU Assy PDU Box	55
LAT-DS-02911	GLAST Electronic Boxes PDU Box Assy PDU Box Machining	54
LAT-DS-02127	PDU Schematic	57
LAT-TD-02304	PDU Bill of Materials	56

CHANGE DESCRIPTION (FROM/TO):

Please see LAT-XR-06772-01 for changes to these drawings

REASON FOR CHANGE:

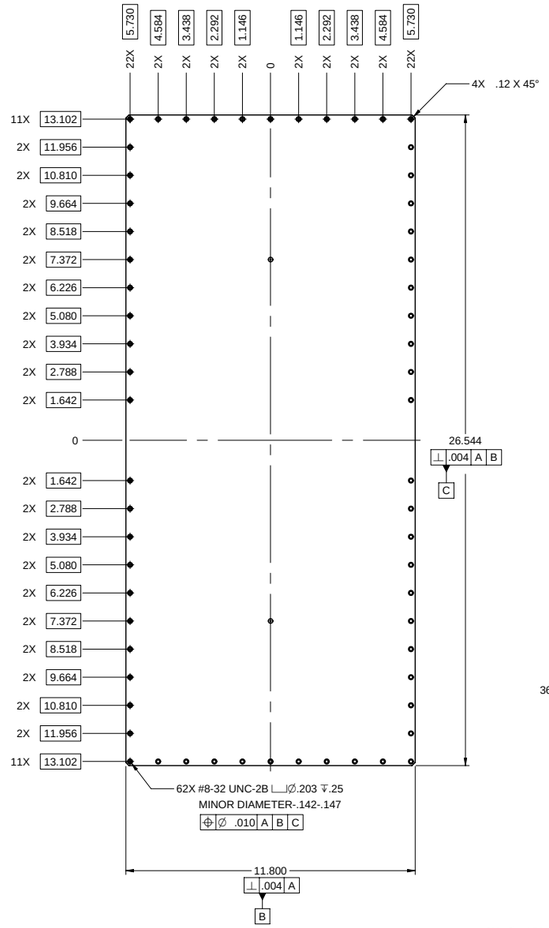
ACTION TAKEN: ☒ **Change(s) included in new release** ☐ **DCN attached to document(s), changes to be included in next revision**
☐ **Other (specify):**

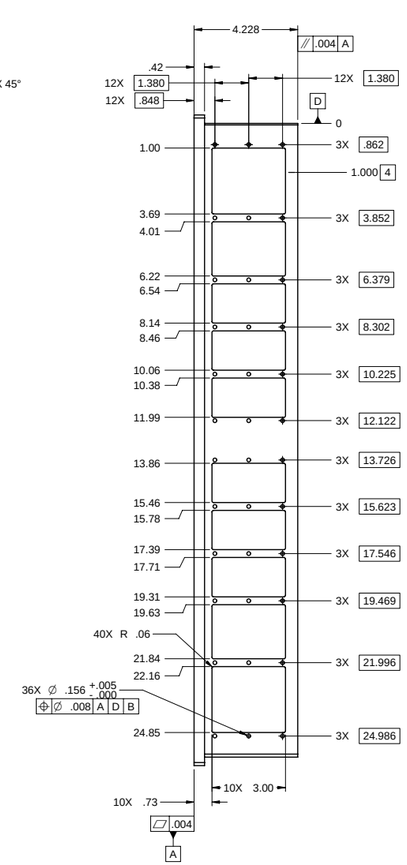
DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS):	**DCN DISTRIBUTION:**
☒ **No hardware affected (record change only)** **ALL BUILDS WILL CONFORM TO THESE REVS**	
☐ **List S/Ns which comply already:**	
☐ **List S/Ns to be reworked or scrapped:**	
☐ **List S/Ns to be built with this change:**	
☐ **List S/Ns to be retested per this change:**	
☐	

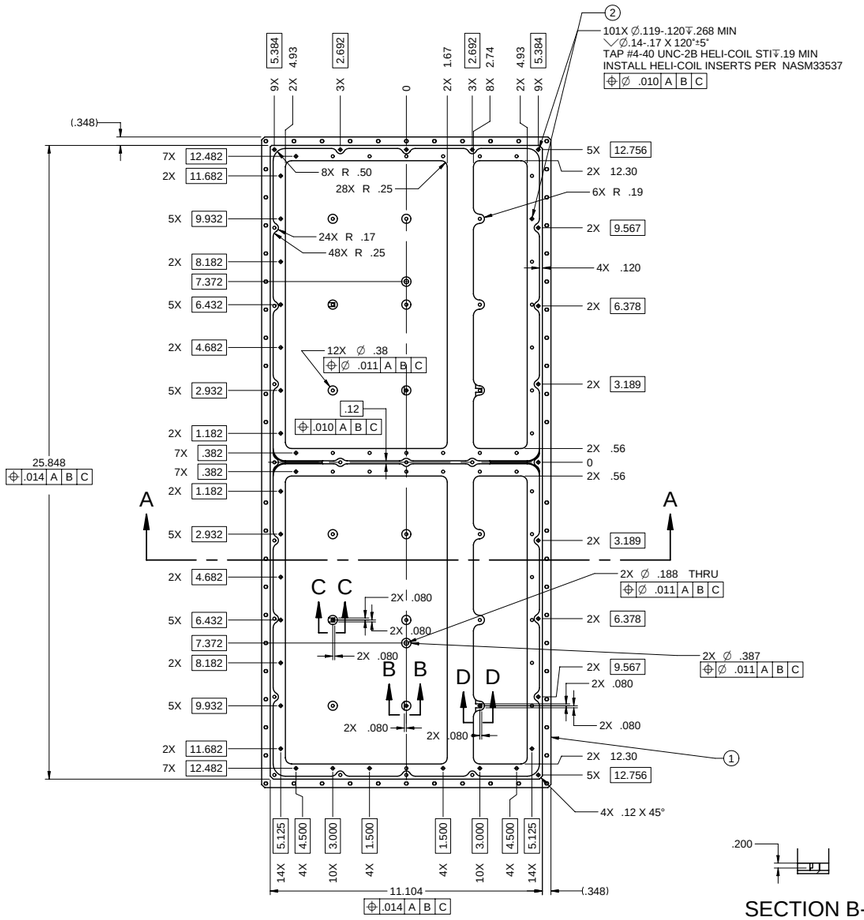
SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? ☐ **YES** ☒ **NO**
If yes, CCB approval is required. Enter change request number:

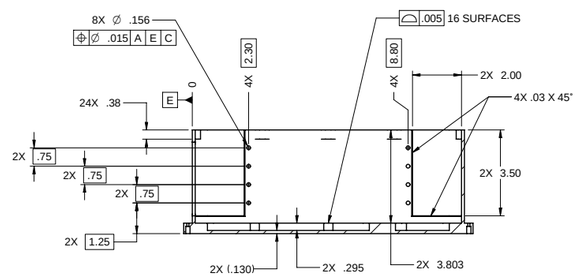
APPROVALS	DATE	OTHER APPROVALS (specify):	DATE
ORIGINATOR: D. Tarkington (signature on file)	6/2/05	Elec.- P. Young (signature on file)	6/2/05
ORG. MANAGER: G. Haller (signature on file)	6/1/05	SE- P. Hascall (signature on file)	6/6/05
PSA- J. Cullinan (signature on file)	6/6/05		
Manufacturing- R. Patterson (signature on file)	6/1/05		
Elec.- D. Nelson (signature on file)	6/3/05		
DCC RELEASE: Natalie Cramar (signature on file)	6/7/05	Doc. Control Level: ☒ Subsystem ☐ LAT IPO ☐ GLAST Project	

REV	DESCRIPTION	DWN	CHKR	APVD	DATE
50	INITIAL FLIGHT RELEASE	GG	AO	DN	8/27/04
51	ADDED RESTRAINING NOTE	GG	AO	DN	9/23/04
52	UPDATED PART MARKING NOTE TO BE DWG NUMBER AND REV LEVEL	GG	AO	DN	9/27/04
53	UPDATED 8-32 THREADED HOLE CALLOUT	GG	AO	DN	10/04/04
54	ADD ALIGNMENT MARKING, NOTE 4	DT	AO	DN	12/04
55	ADD SECTION VIEWS BB, CC, DD	DT	DN	DN	05/05

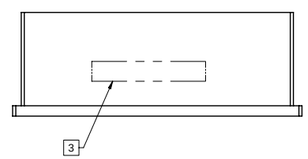








SECTION A-A



SECTION B-B

SECTION C-C

SECTION D-D

NOTES:

1. PART MAY BE RESTRAINED IN A MAXIMUM OF TWO PLACES BY A FORCE OF 200 LBS. MAX TO OBTAIN THE SPECIFIED PROFILE, WHILE RESTRAINED, ALL OTHER FEATURES MUST BE WITHIN STATED TOLERANCES.
2. SEE LAT-DS-02911 FOR ADDITIONAL MACHINING AND PLATING INSTRUCTIONS.
3. INSCRIBE DRAWING NUMBER AND LATEST REVISION LEVEL WHERE INDICATED. MINIMUM CHARACTER HEIGHT 0.25".
4. INSCRIBE BOX ASSEMBLY ALIGNMENT MARKING, 0.125" LENGTH, 0.050" FROM PART EDGE.

APPROVED -6/7/05
LAT-XR-06771-01

ITEM	STOCK OR PART NO	TITLE OR DESCRIPTION	QTY
2	MS21209-C0415L	HELI-COIL #4-40 X .168 L INSERT	AR
1	AMS-QQ-A-250/11	AL 6061-T651	AR

SCALE: 1:2 — DO NOT SCALE DRAWING — CAD FILE NAME: LAT-DS-01846-53.dft

DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES:
BREAK EDGES .005-.015
INTERNAL CORNERS R.015 MAX
FRACTIONS ± ----
DEC .XX ± .01
.XXX ± .005
.XXXX ± ----
ANGLE ± .5°
63 ALL SURF

STANFORD LINEAR ACCELERATOR CENTER
U.S. DEPARTMENT OF ENERGY
STANFORD UNIVERSITY — STANFORD, CALIFORNIA

PROPRIETARY DATA OF STANFORD UNIVERSITY AND/OR U. S. DEPARTMENT OF ENERGY. RECIPIENT SHALL NOT PUBLISH THE INFORMATION WITHIN UNLESS GRANTED SPECIFIC PERMISSION OF STANFORD UNIVERSITY.

	DATE	APPROVED
ENGR	D.NELSON	D NELSON
DWN	G.GUIFFRE	---
CHKR	A.ORTEGA	---

GLAST
ELECTRONICS BOXES
PDU ASSY
PDU BOX

DRAWING NUMBER: LAT-DS-01846 — REVISION NUMBER: 55 — E

GLAST E-BOX PDU BOX

LAT-DS-02911
NEXT ASSEMBLIES:

LAT-DS-01846 55 E

SH 1 OF 1

LAC FORMAT V2.0