LAT PROJECT DOCUMENT CHANGE NOTICE (DCN)

ORIGINATOR: Arturo Ortega
PHONE: 650-926-4810
DATE: 4/21/05
CHANGE TITLE: DCN for DAQ Revised EGSE & Flight Cable

<table>
<thead>
<tr>
<th>DOCUMENT NUMBER</th>
<th>TITLE</th>
<th>NEW REV.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAT-DS-02104</td>
<td>DAQ/SIU GASU Communication Cable Assembly SIU to GASU</td>
<td>53</td>
</tr>
<tr>
<td>LAT-DS-05629</td>
<td>GLAST SDIS to RF Shield HDD 78 FP to 55 C FP &amp; 55C MP EGSE</td>
<td>01</td>
</tr>
</tbody>
</table>

CHANGE DESCRIPTION (FROM/TO):
Please see LAT-XR-06413-01 for changes to the LAT-DS-02104-53

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):
☐ No hardware affected (record change only)
☐ 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:

<table>
<thead>
<tr>
<th>APPROVALS</th>
<th>DATE</th>
<th>OTHER APPROVALS (specify):</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORIGINATOR: A. Ortega (signature on file)</td>
<td>4/21/05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORG. MANAGER: G. Haller (signature on file)</td>
<td>4/21/05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSA- Joe Cullinan (signature on file)</td>
<td>4/26/05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manufacturing- R. Patterson (signature on file)</td>
<td>4/21/05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELX- D. Nelson (signature on file)</td>
<td>4/27/05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DCC RELEASE:</td>
<td></td>
<td>Doc. Control Level: ☒ Subsystem  ☐ LAT IPO  ☐ GLAST Project</td>
<td></td>
</tr>
</tbody>
</table>

DCN No: LAT-XR-06412-01
NOTES: UNLESS OTHERWISE SPECIFIED

1. ASSEMBLE AND TEST IN ACCORDANCE WITH LAT-PS-03769 AND
   WITH NASA STD. 8739.3 & 8739.4.
2. COMPRESS BACKSHELL BAND USING GLENAIR 600-058 BANDING TOOL.
3. CONNECT ALL USED CONTACTS WITH WIRE SPECIFIED. ALL POSITIONS IN CONNECTOR ARE
   FILLED WITH CONTACTS BUT UNUSED POSITIONS ARE NOT WİRED.
4. DESTINATION LABELS SHALL BE APPLIED BY SLAC PERSONNEL AFTER CABLE FABRICATION
   AND SHALL BE PLACED WITHIN 3.00 INCHES FROM CONNECTORS.
5. ASSY IDENTIFICATION LABEL SHALL BE APPLIED 6.00 INCHES FROM CONNECTOR BACKSHELL.
6. USE KAPTON TAPE, ITEM 10, IN THE MINIMUM NUMBER OF POSITIONS REQUIRED, TO
   SUPPORT THE CABLE(HARNESS) BUNDLE WITHOUT COMPROMISING ITS FLEXIBILITY.
   INSTALL PRIOR TO COPPER SHIELD SOCK, ITEM 7, AT EACH POINT OF APPLICATION AND
   AT BREAKOUT, TWO-THREE TURNS ARE TO BE APPLIED.
7. TERMINATE UNUSED WIRED CONNECTIONS IN PIGTAIL, ITEM 4, PER INSTRUCTIONS IN LAT-PS-06169.

CONNECTOR ORIENTATION-
SEE SHEET 2

STEP 1
BACKSHELL BAND
COPPER BRAID SHIELD
CABLE TIE
SHIELD SOCK
STEP 2

CONNECTOR ORIENTATION-
SEE SHEET 2

CABLE LENGTH INFO
SEE SHEET 2

OVERALL CABLE LENGTH

ITEM	STOCK OR PART NO	TITLE OR DESCRIPTION	QTY
---
13	Sn63Pb37	SOLDER PER IPC/EDA J-STD-006A	AR
14	M35313/1-HN	CONN MICRO-D 100P PIN CONTACTS SOLDER CUP	1
15	PANDUIT PL1M-176	LOCKING CABLE TIE	AR
16	K 102	KAPTON / ACRYLIC TAPE 1/2" WIDE	AR
9	M2363/8	SHRINK TUBE, KYNAR, CLEAR	AR
8	GLENAIR 600-052	BACKSHELL BAND	2
7	ALPHA WIRE COMPANY-2146	COPPER BRAID SHIELD-500DIA	AR
6	LAT-DS-0522-01
5	GLENAIR 507-1511M1006	CONN BACKSHELL ELLIPTICAL 100 PIN STRAIGHT	1
4	GLENAIR M83513/03-H13N	CONN MICRO-D 100P PIN CONTACTS 72" PIGTAIL HARNESs	1
3	GLENAIR 507-081M100B	CONN BACKSHELL ELLIPTICAL 100 PIN STRAIGHT	1
2	BENTLEY-HARRIS 505101991	EXPANDO PT SHIELD SOCK-750DIA	AR
1	LAT-DS-05523-01

ASSY IDENTIFICATION LABEL
DESTINATION LABEL

LAT-DS-06169-1

DESTINATION LABEL

LATXR-06412-01

APPROVED 4/27/05