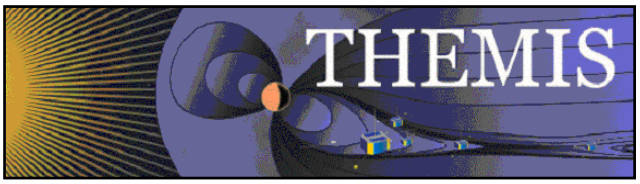



# ENGINEERING CHANGE FORM

| ENGINEERING REQUEST/NOTICE | DRAWING/DOCUMENT TITLE | DATE |
|---|---|---|
| Request Notice Number<br>X 013 | SCM LDO Regulator | 10//2004 |

| SERIAL NUMBER (If Applicable) | ITEM TYPE | DRAWING/DOCUMENT NUMBER | PROJECT |
|---|---|---|---|
| | Hardware Software<br>X | | THEMIS |

**REASON FOR REQUEST**

During Self Compatibility testing of the SST, it was found that the power supply rejection ratio on the SCM Pre-Amp was not sufficient.

**REQUESTER**

Ellen Taylor

| CHANGE DESCRIPTION (Request/Response) | Disposition | Date Effective |
|---|---|---|
| 1. LDO Specification | 1 | |
| 2. Add a LDO regulator to ETU SCM Pre-Amp | 3 | 10/14/05 |
| 3. Test modified Pre-Amp in system | 4 | |
| 4. Perform Qual Vibration Test on ETU Pre-Amp (Pre/Post Functionals) | 4 | |
| 5. Add a LDO regulator to Flight SCM Pre-Amps per SCM | | |
| SCM-PA FM1 | 3 | |
| SCM-PA FM2 | 3 | |
| SCM-PA FM3 | 3 | |
| SCM-PA FM4 | 3 | |
| SCM-PA FM5 | 3 | |
| SCM-PA FM6 | 3 | |
| 6. Perform Workmanship Vibration Test on all Units (Pre/Post Functionals) | | |
| SCM-PA FM1 | 4 | |
| SCM-PA FM2 | 4 | |
| SCM-PA FM3 | 4 | |
| SCM-PA FM4 | 4 | |
| SCM-PA FM5 | 4 | |
| SCM-PA FM6 | 4 | |

**DISPOSITION/REMARKS**

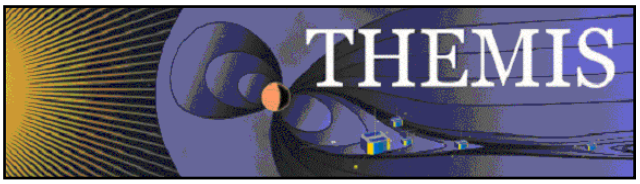
**COGNIZANT ENGINEER** Class 1 ☐ Class 2 ☐

**APPROVALS** (Initials/Date)

**CLASS CODES**

**DISPOSITION CODES**

1) Change in design spec, drawing, or schematic
2) Replace
3) Rework
4) Retest
5) Use As Is
6) See Note/Attachment




| | | |
|---|---|---|
| Lead Engineer<br>QA Manager<br>Project Manager<br>Systems Engineer | 1 Major Cost/Schedule<br>2 Minor Cost/Schedule | NEXT HIGHER ASSEMBLY<br>IDPU |