

**Meeting Purpose:** The objective for this meeting is for feedback on the detailed design on the structural components of the enclosure subsystem.

**Materials to be Reviewed:** *Detailed Design Review Package, Mechanical Engineering Section, Rev. 02*

**Attendees:**

Prof. Slack, Electrical Engineering, Faculty Guide

Dr. Lam, Mechanical Engineering, Faculty Consultant

Anthony Berwin, Mechanical Engineering, Team Lead

Scott Rioux, Industrial & Systems Engineer, Project Engineer

Greg Pawlowski, Electrical Engineer, Electronics Engineer

John Scipione, Electrical Engineer, Communications Engineer

**Meeting Date:** 02/13/09

**Meeting Location:** 09-2550

**Meeting Time:** 1:00 PM – 1:50 PM

**Discussion/Notes:**

*Key Issues*

- Change material to aircraft aluminum.
- Increase damping constant for analysis.
- Increase screw size.
- Use temporary thread lock.

Action Items					
Item #	Description	Responsible	Due Date	Close Date	Comments
A001	Change material to aircraft aluminum.	Anthony	Cancel	Cancel	During redesign of the enclosure, change the material.  Cancel Action Item per discussion with Customer. Material requirement is original material chosen.
A002	Increase damping constant for analysis. Using 0.01.	Anthony	*	*	During the new analysis of the enclosure, increase the damping ratio.  Damping ratio increased in redesign.
A003	Increase screw size.	Anthony	*	*	During redesign of the enclosure, increase the screw size.  Screw size increased in redesign.

Issues					
Item #	Description	Responsible	Open Date	Close Date	Comments
I001	Change material to aircraft aluminum.	Anthony	12/13	12/14	A001
I002	Increase damping constant for analysis.	Anthony	12/13	12/14	A001
I003	Increase screw size.	Anthony	12/13	12/14	A001
I004	Use temporary thread lock.	Anthony	12/13	12/14	D001

Decisions				
Item #	Description	Contributing Individuals	Decision Date	Comments
D001	Use temporary thread lock.	Anthony	12/14	Neglecting in analysis.

Notes: The enclosure will be redesigned together once the updated specifications of the HCC are determined. This is why a due for the Action Items are not defined. Waiting for Chuck for this information.