Detailed Design/Manufacturing Review
(Oral Presentation #2)

Audience: Project Informed Engineers

Format: Design Review (i.e. questions during the presentation)

Time: 40 min (including any “live” questions) then there will be a 20-30 min technical questions and discussion period. You need to be an active reviewer of other teams for this to work.

Focus: The focus is technical. It is very important that you demonstrate the ability to communicate technical topics. What design details, calculations, and/or analysis have been completed or changed? As you have manufactured and assembled components, what have you learned about your design or manufacturing plan? Have you validated any of the models you used to design your components (i.e. can you show results in the context of your design models?) Fill in any missing design details. As you have learned things from prototypes what are the re-design technical details, solid models and/or analyses?

You do not need to include the non-technical aspects of full review presentations, such as background, mission statement, objective, requirements, etc. (we are a “project-informed” audience), system architecture, ops concept, organization, financials, risk management, etc. You should include the system or subsystem FFBDs as needed, DR/CR logs (not process), WBS and Gannt Chart, etc. Whatever you need to adequately explain the technical progress and status as outlined above.