

Safety Team Minutes
January 23, 2010
11:00 a.m.

Attendees: Paul Bodeau,
Rod Bodeau,
Les Hartzman,
Roy Herndon,
John Wisniewski.

Old Business:

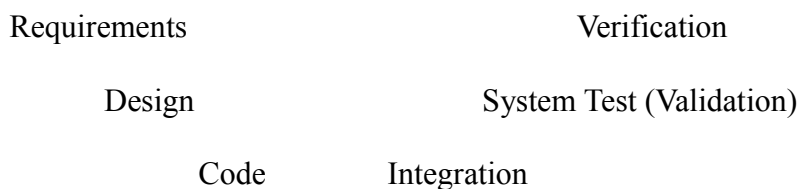
In the review of Section 1 of IEC-61508, it was noted that there was an absence of required forms for use in meeting the standard. The explanation is that IEC-61508 is a guideline, and not a procedure. The standard issues rules that criteria must be met, however the developer is responsible for developing rules, forms, conventions, and principles, and then the developer must demonstrate that these meet the criteria specified in IEC-61508.

While discussing this and other related aspects of the standard, the team reviewed the power point slides that explain the basics of IEC-61508.

Our primary goal, for the present, is to understand and self-train on IEC-61508 before we even pick a project.

Paul reviewed the “waterfall”, “spiral”, and “v-model” methods of project development. “V-model” is preferred, and should actually be used for each sub-task, so that the overall project is made up of multiple “V” developments. However, the waterfall and spiral models can fit into the v-model. It is possible for the waterfall and spiral models to converge. We are free to use any life cycle model as long as it meets the objectives and requirements of IEC61508.

V-model



Les reviewed the configuration management section of the FAA standard (DO-178B).

Paul mentioned that one of the requirements of IEC-61508 is that all safety related people must be determined to be competent to perform their assigned tasks.

New Business:

The team will review sections 1, 2, and 3, of IEC-61508 by next meeting for review.

Paul will research or produce some learning aids for IEC-61508 for next meeting. Paul can also provide extant procedures which could be useful for our future project.

Team members are encouraged to send questions and/or discussion points about the IEC-61508 sections via e-mail to other team members in advance of the next meeting.

Next Meeting:

Saturday, February 20, 2010 11:00 am, Postage Stamp Ranch

[Note: This meeting has now been changed to February 27, 2010 at 11:00 am, unless there are other conflicts.]