

The purpose of the Peer Review for the SDP, which is part of the overall Planning reviews, is to review the SDP document to ensure it meets all expectations for the overall project plans as required by DO-178C 11.2.

It is typically lead by the Software Lead or person responsible for authoring the plan. This document may be reviewed individually or grouped with other plans and standards. Once all the plans are finalized internally and pass the peer review with Quality Assurance participation, they should be baselined and all CC1 planning artifacts should be released and approved. It is typical after the internal peer review is complete to have the certification authority invited for a stage of involvement planning audit (SOI #1).

It is typical after the internal peer reviews of all plans and standards are complete to have the certification authority invited for a stage of involvement planning audit (SOI #1).

The data that is reviewed is the SDP document.

The team for this review typically includes the Project Manager, Configuration Manager, one or more engineering representatives (from both development and verification), and Quality Assurance (to ensure the review is held properly).

Use of Templates:

Example: The Peer Review for SCMP checklist template has some additional notes and example text if you need help in trying to figure out how to fill in and use these templates.

DAL: These templates are tailored by DAL. You only need to respond to those questions that include an X in the column under the DAL of your project. Data filtering has been added so that you can click the arrow next to the DAL of your project, and then put a checkmark only by the option that says "X". This will then only display the questions pertinent for that DAL. In addition, only answer the additional questions from the supplements IF your project is using a design method requiring the use of that supplement (i.e., model based design, object oriented design and/or formal methods).

Iterations: These templates are set up to support an iterative review scenario, which means it takes multiple reviews before the document/data under review is finally approved (which commonly occurs). On the checklist tab, scroll to the far right to see instructions for adding a new review iteration.

Flexibility: These templates are set up in a suggested way that has been used successfully on many programs. However, we understand that companies may want to do things their own way. Therefore, we have left these templates as completely editable for maximum flexibility. Just beware of making unintentional edits. Its good practice to keep a copy of unedited templates in a safe location before tuning to your company's customization.