

appendix B

Tailored Documentation Worksheet

As mentioned previously, the SDF is “tailored” by defining the necessary outputs that will be generated during the development. It has also been mentioned that the output of one activity becomes the input to the subsequent activity. The ability to produce high-quality, low-risk output is directly dependent upon the quality of the input. Unstable or ill-defined inputs generally result in higher risk outputs. [Figure B1](#) illustrates a Tailored Documentation Worksheet (TDW). It provides a mechanism for identifying specific documents that will be generated and for assessing the risk involved by using the data received. This same data can be used to develop program costs.

A risk assessment should be performed by the entity receiving the input to quantify the risk associated with proceeding. A decision should then be made by the entity having jurisdiction over the element in question as to whether or not the risk is acceptable. The objective of this approach is to identify system risk in order to properly manage it.

| Major Milestone Review: 1____, 2____, 3____, 4____ | | | | | |
|--|----------------|--|--------------------------------|--------------------|------|
| Activity | Output | | | Decision | |
| | Document Title | Document State (Draft, Preliminary, Final) | Risk Level (Low, Medium, High) | Approved/ Rejected | Date |
| Requirements Development | | | | | |
| | | | | | |
| Derive Context Requirements | | | | | |
| | | | | | |
| Generate Functional Description | | | | | |
| | | | | | |
| Analyze Requirements | | | | | |
| | | | | | |
| Analyze Functional Description | | | | | |
| | | | | | |
| Synthesis | | | | | |
| | | | | | |
| | | | | | |
| Design | | | | | |
| | | | | | |
| Allocation | | | | | |
| | | | | | |
| Analysis | | | | | |
| | | | | | |
| Functional Decomposition | | | | | |
| | | | | | |
| Inter-Level Interface | | | | | |
| | | | | | |
| Integration | | | | | |
| | | | | | |
| Development Testing | | | | | |
| | | | | | |
| Test Planning | | | | | |
| | | | | | |
| Producibility Analysis | | | | | |
| | | | | | |
| Testability Analysis | | | | | |
| | | | | | |
| Other Specialty Engineering | | | | | |
| | | | | | |
| Trade Analyses | | | | | |
| | | | | | |
| | | | | | |

Figure B1 Tailored Documentation Worksheet.