

DATA ITEM DESCRIPTION

Title: RELIABILITY-CENTERED MAINTENANCE (RCM) FUNCTIONAL BLOCK DIAGRAM (FBD)

Number: DI-SESS-80994A

Approval Date: 20100923

AMSC number: N9175

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: N/A

Office of Primary Responsibility: SH/SEA 04RM

Applicable Forms: N/A

Use/Relationship:

The RCM Functional Block Diagram (FBD) displays all components of a system, their functional relationships to one another, and in and out interfaces with other systems.

This Data Item Description (DID) contains the format, content, preparation instructions, and intended use information for the data deliverable resulting from the work task described in 5.1.1 of MIL-STD-3034.

This DID is related to DI-SESS-80979A, RCM Master System and Subsystem Index (MSSI); DI-SESS-80981A, RCM Functional Failure Analysis(FFA)Report; DI-SESS-80983A, RCM Additional Functionally Significant Item (AFSI) Selection Report; DI-SESS-80982A, RCM Functionally Significant Items (FSI) Index; DI-SESS-80980A, RCM Failure Modes and Effects Analysis (FMEA) Report; DI-SESS-80984A, RCM Logic Tree Analysis (LTA) with Supporting Rationale and Justification Report; DI-SESS-80985A, RCM Servicing and Lubrication Analysis (SLA) Report; DI-SESS-81829, RCM Corrective Maintenance (CM) Development Report; DI-SESS-80989A, RCM Inactive Equipment Maintenance (IEM) Requirement Analysis Report; DI-SESS-80986A, RCM Maintenance Requirements Index (MRI); DI-SESS-80988A, RCM Task Definition Report; DI-SESS-80987A, RCM Procedure Validation Report.

This DID supersedes DI-MNTY-80994.

Requirements:

1. Reference Documents. The applicable issue of documents cited herein, including approval dates of any applicable amendments, notices and revisions, shall be as cited in the contract.

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2. Format. The FBD shall be orderly but unrestrictive and shall be presented in the electronic database specified in the contract.

3. Content. The RCM Functional Block Diagram shall contain all of the information specified in paragraph 5.1.1.3 of MIL-STD-3034. The format of the functional block diagram shall be orderly but unrestrictive. When approved by the Maintenance Coordinating Activity, system schematics or line drawings reproduced from appropriate technical manuals or ship information books may be used with applicable additions and annotations.

3.1 Components. The FBD shall display all components of the sub-system, their functional relationships to one another, and in and out interfaces with other sub-systems.

3.2 Labels. Label components and assemblies in the sub-system by their common name, including generic name, MK, MOD, and AN nomenclature or other identifier.

3.3 Linkage. Linkages on the functional block diagram shall be shown as heavy lines. Each connection shall identify the connection and the normal parameter value or range of values. In addition to parameter labels, interface connections shall be labeled with the ESWBS number of the system, sub-system or equipment from which the connection originates or which receives the out interfaces. Flow directional arrows shall be required on connection lines.

4. End of DI-SESS-80994A.