DATA ITEM DESCRIPTION

Title: RELIABILITY CENTERED MAINTENANCE (RCM) CORRECTIVE MAINTENANCE (CM) DEVELOPMENT REPORT

Number: DI-SESS-81829   **Approval Date: 20100921**
AMSC Number: N9161   **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 Reliability Centered Maintenance (RCM) Corrective Maintenance (CM) Development Report will be used to identify to the PM what actions need to be taken to correct a maintenance issue for the system and or equipment.

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 5.1.8 of MIL-STD-3034.

This DID is related to DI-SESS-80979A, RCM Master System and Subsystem Index (MSSI); DI-SESS-80994A, RCM Functional Block Diagram (FBD); 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-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.

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.

2. Format. This report shall be in Contractor's format and shall be presented in the electronic database specified in the contract.

3. Content. The report shall contain all of the information specified in the sample form of Figure 1 of this DID as follows:

3.1 Block 1 ESWBS Number. Enter the Expanded Ship Work Breakdown Structure (ESWBS)number from block 8 of the subsystem under analysis as defined on the Master Systems and Subsystems Index (MSSI).

3.2 Block 2 Nomenclature. Enter the associated sub-system nomenclature from block 9 of the MSSI.

3.3 Block 3 Ship class. Duplicate the entry from block 3 of the MSSI.

3.4 Block 4 Prepared by. Enter the analyst's name and the date.

3.5 Block 5 Reviewed by. Enter the first level reviewer's name and the date.

3.6 Block 6 Approved by. Reserved for maintenance coordinating activity approval signature and the date.

3.7 Block 7 Revision. Enter Original, or A, B, or C, sequentially as appropriate and the date.

3.8 Block 8 Failure Mode number. The failure mode number shall be taken directly from the Logic Tree Analysis (LTA) block 8.

3.9 Block 9 Failure Mode. The specific material condition of the item after failure associated with the failure mode number recorded in block 8 (this may be copied from LTA form, Block 8).

3.10 Block 10 CM Task Description. This shall be the task to be performed as a result of the failure mode in order to restore the equipment to operational condition.

3.11 Block 11 Item Mean Time Between Failures (MTBF). MTBF is measured in hours and is typically available from Original Equipment Manufacturer (OEM) documentation. The more frequent failures (i.e., dominant failures) are candidates for development of detailed CM procedures.

3.12 Block 12 Serial number. Enter a four segment serial number as follows:

a.   Segment 1 - Enter the developing organization abbreviation followed by a slant (/).

b.   Segment 2 - For developers, enter the development authorization number followed by a slant (/); for other development activities, assign a development number followed by a slant (/).

c.   Segment 3 - Enter the number 122 to indicate the corrective maintenance analysis form, followed by a slant (/).

d.   Segment 4 - Enter the ESWBS number from block 1.

4.   End of DI-SESS-81829.

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1. ESWBS NUMBER	2. NOMENCLATURE		3.SHIP CLASS	SH OF
4. PREPAREDBY DATE;	5.REVIEWED BY DATE:	6.APPROVED BY DATE:	7.REVISION DATE:	
8.FAILURE MODE NUMBER	9.FAILURE MODE	10.CM TASK DESCRIPTION		11.MTBF [IN HOURS]
		12.SERIAL NUMBER		

FIGURE 1. CORRECTIVE MAINTENANCE DEVELOPMENT