**DATA ITEM DESCRIPTION**
**Title:** RELIABILITY-CENTERED MAINTENANCE (RCM) MASTER SYSTEMS AND
SUBSYSTEMS INDEX (MSSI)

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|---|---|
| **Number:** DI-PSSS-80979B | **Approval Date:** 20160815 |
| **AMSC Number:** N9690 | **Limitation:** N/A |
| **DTIC Applicable:** N/A | **GIDEP Applicable:** N/A |
| **Preparing Activity:** SH | **Project Number:** PSSS-2016-022 |
| **Applicable Forms:** N/A | |

**Use/Relationship:**
The Reliability-Centered Maintenance (RCM) Master Systems and Subsystems Index (MSSI) provides an outline for the analysis, documenting the Expanded Ship Work Breakdown Structure (ESWBS) approach used to identify the system functional group, assigned subsystem boundaries and relationships to lower indentured equipment, assemblies and components.

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-3034A.

This DID is related to DI-PSSS-80994B, RCM Functional Block Diagram (FBD); DI-PSSS-80981B, RCM Functional Failure Analysis (FFA) Report; DI-PSSS-80983B, RCM Additional Functionally Significant Item (AFSI) Selection Report; DI-PSSS-80982B, RCM Functionally Significant Items (FSI) Index; DI-PSSS-80980B, RCM Failure Modes and Effects Analysis (FMEA) Report; DI-PSSS-80984B, RCM Decision Logic Tree Analysis (LTA) with Supporting Rationale and Justification Report; DI-PSSS-80985B, RCM Servicing and Lubrication Analysis (SLA) Report; DI-PSSS-80989B, RCM Inactive Equipment Maintenance (IEM) Requirement Analysis Report; DI-PSSS-81829A, RCM Corrective Maintenance (CM) Development Report; DI-PSSS-80986B, RCM Maintenance Requirements Index (MRI); DI-PSSS-80988B, RCM Task Definition Report; DI-PSSS-80987B, RCM Procedure Validation Report; DI-PSSS-80990A, RCM Documentation Control Sheet.

This DID supersedes DI-SESS-80979A.

**Requirements:**
1. <u>Reference Documents</u>. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. <u>Format</u>. The MSSI report shall be in a format similar to that of the sample form of Figure 1 of this DID.

3. <u>Content</u>. The MSSI report shall contain all of the information specified in the sample form Figure 1 of this DID and as specified in MIL-STD-3034A, paragraph 5.1.1.4.

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3.1  Block 1. ESWBS Group Number.  Enter the Expanded Ship Work Breakdown Structure (ESWBS) group level 1 number, a three-digit number containing two zeros.

3.2  Block 2. Group Nomenclature.  Enter the associated ESWBS group nomenclature.

3.3  Block 3. Ship Class.  Enter the ship class and the hull number on which the RCM analysis is based.

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 (MCA) approval signature and the date.

3.7  Block 7. Revision.  Identify the revision level of the MSSI report and enter e.g. "ORIGINAL", "A", "B", "C", etc., sequentially as applicable and the date.

3.8  Block 8. ESWBS Subgroup/System/Subsystem Number.  Enter a number identifying each subdivision through ESWBS level 4.  If the level 4 ESWBS number cannot uniquely identify the subsystem under development, add a suffix character to the level 4 ESWBS number and use this throughout the analysis.

3.9  Block 9. Subgroup/System/Subsystem Nomenclature.  Enter the nomenclature of each ESWBS subdivision identified.

3.10  Block 10. Serial Number.  Enter a serial number for this form 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 114 to indicate the Master Systems and Subsystems Index, followed by a slant (/).

        d.        Segment 4 - Enter the highest indenture level ESWBS for the development group assigned. If an entire group is assigned, this number is a level 1 ESWBS number – a three digit number containing two zeros; for example 100, 200.

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| 1.ESWBS GROUP NUMBER | 2.GROUP NOMENCLATURE | | 3.SHIP CLASS | SH  OF |
|---|---|---|---|---|
| 4.PREPARED BY  DATE: | 5.REVIEWED BY  DATE: | 6.APPROVED BY  DATE: | | 7.REVISION  DATE: |
| 8.ESWBS SUBGROUP/ SYSTEM/SUBSYSTEM NUMBER | 9.SUBGROUP/SYSTEM/SUBSYSTEM NOMENCLATURE | | | |
| | | | 10. SERIAL NUMBER | |

**SAMPLE FORM - FIGURE 1 - MASTER SYSTEMS AND SUBSYSTEMS INDEX**