

DATA ITEM DESCRIPTION

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1 TITLE		2 IDENTIFICATION NUMBER	
PLANNED MAINTENANCE SYSTEM (PMS) FUNCTIONAL BLOCK DIAGRAM		DI-MNTY-80994	
3 DESCRIPTION / PURPOSE			
3.1 The Planned Maintenance System (PMS) Functional Block Diagram displays all components of a system, their functional relationships to one another and in and out interfaces with other systems.			
4 APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a DTIC APPLICABLE	6b G.DEP APPLICABLE
900517	N/CEL-TD		
7 APPLICATION / INTERRELATIONSHIP			
7.1 This Data Item Description (DID) contains the format and content preparation instructions for the PMS Functional Block Diagram resulting from the work task described by 3.7.2 of MIL-P-24534 (Navy).			
7.2 This DID is related to DI-MNTY-80979, Planned Maintenance System Master System and Subsystem Index; DI-MNTY-80980, Planned Maintenance (Continued on Page 2)			
8 APPROVAL LIMITATION	9a APPLICABLE FORMS	9b AMSC NUMBER	
		N4948	
10 PREPARATION INSTRUCTIONS			
10.1 <u>Format</u> . The format of the functional block diagram shall be orderly but unrestrictive.			
10.2 <u>Content</u> . The functional block diagram shall display all components of the system, their functional relationships to one another and in and out interfaces with other systems. Generally, some components of a system, although identified separately, may actually be grouped together to form higher assemblies. Assemblies may be appropriately labeled as a single box on the functional block diagram. Label components and assemblies in the system by their common name, including generic name, AN nomenclature MK, MOD, or other identifier. Hardware such as switchboards or valve manifolds, that are not actually part of the system under analysis, may be included to simplify the diagram and to enhance meaningfulness. Such hardware may be identified by descriptor or nomenclature [including assigned Expanded Ship Work Breakdown Structure (ESWBS) number, if applicable].			
10.2.1 <u>Linkage</u> . The components and assemblies of a system are connected to each other and interface with other systems through electrical, fluid, (Continued on Page 2)			
11 DISTRIBUTION STATEMENT			
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DI-MNTY-80994

7. Application/Interrelationship (continued)

System Failure Modes and Effects Analysis; DI-MNTY-80981, Planned Maintenance System Functional Failure Analysis; DI-MNTY-80982, Planned Maintenance System Functionally Significant Items Index; DI-MNTY-80983, Planned Maintenance System Additional Functionally Significant Item Index Selection Report; DI-MNTY-80984, Planned Maintenance System Logic Tree Analysis With Supporting Rationale and Justification; DI-MNTY-80985, Planned Maintenance System Servicing and Lubrication Analysis; DI-MNTY-80986, Planned Maintenance System Requirement Index; DI-MNTY-80987, Planned Maintenance System Procedure Evaluation Sheet; DI-MNTY-80988, Planned Maintenance System Task Definition; DI-MNTY-80989, Planned Maintenance System Inactive Equipment Maintenance Requirement Analysis; DI-MNTY-80990, Planned Maintenance System Reliability Centered Maintenance Documentation Control Sheet; DI-MNTY-80991, Planned Maintenance System Maintenance Requirement Card; DI-MNTY-80992, Planned Maintenance System Maintenance Index Page; DI-MNTY-80993, Planned Maintenance System Quality Assurance Check Sheet.

10. Preparation Instructions (continued)

gas, or mechanical linkages. 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, subsystem or equipment from which the connection originates or which receives the out interfaces, if applicable). Flow directional arrows shall be required on connection lines.