DATA ITEM DESCRIPTION
Title: DATA MODULE REQUIREMENTS LIST FOR S1000D

Number: DI-TMSS-81805A
AMSC Number: N10207
DTIC Applicable: N/A
Preparing Activity: SH
Applicable Forms: N/A

Approval Date: 20201116
Limitation: N/A
GIDEP Applicable: N/A
Project Number: TMSS-2020-012

Use/Relationship: The S1000D Data Module Requirements List shall be used to initiate Data Module templates in the Navy's Common Source Database.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.

This DID is applicable to all new contracts and solicitations that acquire S1000D Issues prior to 4.0 based technical documentation.

The DID may also be applicable to technical documentation already in production for major changes and upgrades.

S1000D, referenced in this Data Item Description, can be obtained at www.s1000d.org.

Requirements:

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

2. Format. The Data Module Requirements List shall be presented in a format similar to that of Figure 1 and shall contain the following columns of information.

3. Content. The content of the columns identified below shall follow the requirements of S1000D. All columns listed below are mandatory. Population of all columns of information is mandatory. The columns shall contain the Standard Numbering System breakdown as specified in S1000D. The Data Module Requirements List shall contain all the appropriate Data Modules required to generate the applicable technical documentation.

3.1 TITLE DMC Column. The text "DMC" shall be entered in the TITLE DMC column.

3.2 Master Naming Scheme (MNS) Column. The Master Naming Scheme shall be specific to NAVSEA's Common Source Database and shall contain model identification code and shall identify the project to which the data applies.

3.3 MODELIC Column. The MODELIC column contains the model identification code and identifies the project to which the data applies and shall be the point of reference for all applicability information. The model identification code shall include all related model variants.

3.4 SDC Column. The SDC column contains the system difference code. It indicates alternative versions of the system and subsystem/sub-subsystem identified by the Standard Numbering System without affecting the type, model or variant identity.

3.5 CHAPNUM Column. The CHAPNUM column contains the system code and is comprised of the material item category code and a code representing the general systems and the basic structure of the Product. This is the first portion of the Standard Numbering System.

3.6 SECTION Column. The SECTION column contains the subsystem portion of the second element of the Standard Numbering System and describes the further breakdown of the system.

3.7 SUBSECT Column. The SUBSECT column contains the sub-subsystem portion of the second element of the Standard Numbering System and describes the further breakdown of the system.

3.8 SUBJECT Column. The SUBJECT column contains the third element of the Standard Numbering System. It provides identification for units in complex systems.

3.9 DISCODE Column. The DISCODE column identifies the breakdown condition of an assembly to which maintenance information applies.

3.10 DISCODEV Column. The DISCODEV column identifies alternative items of equipment or components.

3.11 INCODE Column. The INCODE column identifies the type of information within a data module.

3.12 INCODEV Column. The INCODEV column identifies any variation in the activity defined by the information code.

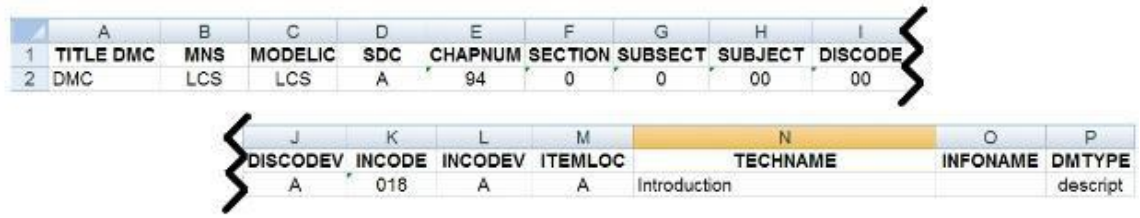
3.13 ITEMLOC Column. The ITEMLOC column identifies where the maintenance task will be performed in relation to the equipment/system.

3.14 TECHNAME Column. The TECHNAME column identifies the nomenclature of the hardware or function.

3.15 INFONAME Column. The INFONAME column contains the short description of the information code.

3.16 DMTYPE Column. The DMTYPE column indicates the data module type to NAVSEA's common source database. This column shall be populated with selections from Table 1. Before using a schema, check the NAVSEA S1000D Tagging and Authoring Guidelines to ensure that it is supported. The Tagging and Authoring Guidelines can be obtained from https://www.navsea.navy.mil/Home/Warfare-Centers/NSWC-Carderock/Resources/Technical-Information-Systems/Navy-XML-SGML-Repository/DTDs-Schemas/NAVSEA-S1000D-Tools-Repository/.

4 Media Requirement. The Data Module Requirements List shall be presented in an electronic file ASCII, comma-delimited file.



	A	B	C	D	E	F	G	H	I
1	TITLE DMC	MNS	MODELIC	SDC	CHAPNUM	SECTION	SUBSECT	SUBJECT	DISCODE
2	DMC	LCS	LCS	A	94	0	0	00	00

	J	K	L	M	N	O	P
1	DISCODEV	INCODE	INCODEV	ITEMLOC	TECHNAME	INFONAME	DMTYPE
2	A	018	A	A	Introduction		descript

Figure 1. Example of Spreadsheet Layout

Table 1. Data Module Type Table

Data Module Type	Data Module Type Description
appliccrossreftable	The appliccrossreftable Module type designates an applicability cross-reference table Data Module.
brex	The brex Module type designates a BREX Data Module.
condcrossreftable	The condcrossreftable Module type designates a conditions cross-reference table Data Module.
container	The container Module type designates a container Data Module.
crew	The crew Module type designates a crew Data Module.
descript	The descript Module type designates a descriptive Data Module.
fault	The fault Module type designates a fault Data Module.
ipd	The ipd Module type designates an illustrated parts Data Module.
prdcrossreftable	The prdcrossreftable Module type designates a products cross-reference table Data Module.
proced	The proced Module type designates a procedural Data Module.
process	The process Module type designates a process Data Module.
schedul	The schedul Module type designates a schedule Data Module.
techrep	The techrep Module type designates a technical repository Data Module.
wrngdata	The wrngdata Module type designates a wiring diagram data Data Module.
wrngflds	wrngflds. The wrngflds Module type designates a wiring field Data Module.

End of DI-TMSS-81805A