

DATA ITEM DESCRIPTION

Title: Logistics Product Data Summaries

Number: DI-SESS-81759

AMSC Number: 9051

DTIC Applicable:

Office of Primary Responsibility: TM2

Applicable Forms:

Approval Date: 20080716

Limitation:

GIDEP Applicable:

Use/relationship: Logistics Product Data Summaries consist of information required for the requiring authority to conduct logistics planning and analysis, influence program decisions, assess design status, and verify contractor performance. Requirements for these summaries shall be coordinated with data requirements of other program functional elements to minimize redundancies and inconsistencies.

a. It is not intended that all the requirements contained herein should be applied to every program. This DID should be tailored to the minimum requirements of the applicable contract or purchase order.

b. This DID is applicable to acquisitions of military systems, equipment, and components.

Requirements:

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

GEIA-STD-0007, Logistics Product Data
GEIA-HB-0007, Logistics Product Data Handbook
(copies of both documents available at www.geia.org).

2. Format. The formats for Logistics Product Data Summaries are left to the discretion of the requiring authority.

3. Content. The contract identifies the required Logistics Product Data Summaries, desired information per summary, and associated guidance. The Attribute Selection Sheet (Appendix A, GEIA-HB-0007), or some other requirements identification tool contained in the contract, shall specify the selected data contained in GEIA-STD-0007. Logistics Product Data Summaries include:

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3.1 Maintenance Planning. These summaries provide maintenance planning information to the government that may be used to develop initial fielding plans for the end items support structure. These summaries may also be used to verify that the maintenance actions and support structure are aligned with the government's requirements and maintenance concept. The information contained within these summaries are associated with repairable items to the level of detail specified on contract. The repairable items should be identified within the hierarchy of the end item broken down by an agreed upon configuration control method. It should identify all preventive and corrective maintenance actions along with the required spares and support equipment. These summaries should also provide supporting information justifying the need for each maintenance action, e.g., elapsed time of maintenance actions; task frequency; failure rate of an item; Mean Time To Repair an item; and an item's man-hour allocation by maintenance action and level.

3.2 Repair Analysis. Although not an output product from a standardized LSA/LMI database, these summaries provide the government with conclusions and recommendations of the maintenance repair analysis. The government may verify the conclusions and recommendations by utilizing contractor's inputs to perform an in-house analysis. These summaries may also be used by the government to develop initial fielding plans for the end item's support structure. The conclusions may include actions and recommendations for influencing the system design; a listing of which items should be repaired and which should be discarded. These summaries may identify for each item being repaired the level of maintenance at which the repair should be performed and associated costs. These summaries may identify for the system support structure, the operational readiness achieved, and the placement and allocation of spares, support equipment, and personnel.

3.2.1 These summaries may also include other information for the analysis performed, e.g., a listing of the input data and their corresponding values and sources of the data; operational scenario modeled; assumptions made; constraints and noneconomic factors imposed on the system; maintenance alternatives considered; the analytical method and model used to perform the economic evaluations; and discussion of the sensitivity evaluations performed and results obtained.

3.3 Support and Test Equipment. These summaries provide data necessary to register, or verify the registry of, the support or test equipment in the government's inventory. They may provide details of the Test Measurement and Diagnostic Equipment (TMDE) calibration procedures, technical parameters, and any piece of support equipment needed to support the system requiring it.

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3.4 Supply Support. These summaries provide the government with information on static and application related hardware information which may be used to determine initial requirements and cataloging of support items to be procured through the provisioning process. These summaries may include the identification of the system breakdown, maintenance coding, maintenance replacement factors, overhaul rates, roll-up quantities, design change information, and associated technical manuals, as applicable. These summaries may show information on different categories of provisional items such as long lead items, bulk items, tools and test equipment, etc. They may also allow for review of Provisioning List Item Sequence Number (PLISN) assignment or cross referencing PLISNs with reference numbers.

3.5 Manpower, Personnel, and Training. These summaries provide information to the government so it can establish training plans and ensure manpower and personnel constraints are met. The information contained within this report should identify items' corrective and preventive maintenance tasks, operations tasks, manpower estimates for each task by maintenance level, personnel skills required to perform the maintenance tasks, and any training required to allow these tasks to be performed. The information contained within this area is associated with items to the level of detail specified on contract. The items should be identified within the hierarchy of the end item broken down by an agreed upon configuration control method.

3.6 Facilities. These summaries identify the facilities required to maintain, operate, train, and test an item. The facilities may be organizational, intermediate, or depot maintenance, training, mobile and test facilities. The summary information contained within shall help plan for any modification to an existing facility or development of a new facility. The information shall be associated with repairable items to the level of detail specified in the contract. The repairable items should be identified within the hierarchy of the end item broken down by an agreed upon configuration control method. Data provided must be in compliance with all Department of Defense and national health, life, and environmental codes. National standards and terminology used by the construction industry for civil, electrical, mechanical, etc., specialties should be used.

3.7 Packaging, Handling, Storage, and Transportation. These summaries identify packaging, handling, and storage requirements. They also provide information relevant to the development of a transportability analysis report. The information contained within this area is associated with the reference number and Commercial And Government Entity (CAGE) to the level of detail specified on contract. The information contained within this area is associated with repairable items to the level of detail specified on contract. The repairable items should be identified within the hierarchy of the end item broken down by an agreed upon configuration control method.

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3.8 Post Production Support. The purpose of these plans and reports is to analyze life cycle support requirements of the new system/equipment/software prior to closing of production lines to ensure the system/equipment/software's remaining life. These summaries, also not an output product of the LMI/LSA database, identify support items associated with the system/equipment/software that will present potential problems due to inadequate sources of supply, support capability, or modification after shutdown of production lines. They also identify alternative solutions for anticipated support difficulties during the remaining life of the system/equipment/ software. General topics that may also be addressed in these summaries are manufacturing, repair centers, data modifications, supply management, configuration management, and other related areas.