



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
CAMERON STATION
ALEXANDRIA, VA 22304-6100

DLAR 4151.4
NAVMATINST 4700.14
MCO 4400.113B
AFR 66-27
DLA-OW

DLA REGULATION
NO. 4151.4

8 Nov 88

DEFENSE LOGISTICS AGENCY
MAINTENANCE INSTRUCTIONS OR TECHNICAL
MAINTENANCE STANDARDS
(Supplementation is permitted at all levels.)

I. REFERENCES

A. DLAR 3200.1/AR 715-13/NAVSUPINST 4120.30/
AFR 400-40/MCO 4000.18C, Engineering Support for Items Supplied by
Defense Logistics Agency and General Services Administration.

B. DLAR 4000.7, Defense Regional Interservice Support
(DRIS) Program.

C. DLAR 4120.1, DLA Standardization and Specification
Program.

D. DLAM 4140.3, Materiel Management Manual.

E. DLAR 4151.10, Policy Governing Contracting for
Equipment Maintenance Support.

F. DLAR 4155.18, Quality Control and Reliability
Management of Depot Maintenance Operations.

G. DLAM 4155.2, Quality Assurance Program Manual for
Defense Supply Centers and Defense Industrial Plant Equipment
Center.

H. DLAR 4185.1/AFR 67-80/AR 700-31/NAVMATINST
4000.25A/MCO 4000.46, Technical Data Requirements for Logistics
Support.

I. DLAM 4215.1/AR 700-43/NAVSUP PUB 5009/AFM 78-9,
Management of Defense-Owned Industrial Plant Equipment (IPE).

J. DLAR 5805.3, Defense Supply Center and Defense
Depot Mission Statement.

II. PURPOSE AND SCOPE. To establish policy and responsibility
for development and utilization of maintenance instructions or
technical maintenance standards (TMS) for support of the DLA
Maintenance Program, and to assure that materiel maintained,
repaired, overhauled, rebuilt, or modified conforms to
established serviceability standards and quality and reliability
requirements. This regulation is applicable to HQ DLA, Defense
Supply Centers (DSCs), Defense Industrial Plant Equipment Center
(DIPEC), DLA Maintenance activities, and the Military Services
depot maintenance activities furnishing interservice support to
DLA (see DLAR 4000.7). This regulation is not applicable to care
and preservation type maintenance performed by storage personnel
nor to maintenance of operating equipment.

III. POLICY. The maintenance instructions or technical
maintenance standards for support of the DLA Maintenance Program
are parts of an organized system, the objective of which is to
achieve and maintain the highest level of serviceability for items
returned to the DLA distribution system and to continue the policy
of eliminating the necessity for review of Technical Standards by

This DLAR supersedes DLAR 4151.4/AR 750-14/NAVMATINST
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the Military Services. DSC/DIPEC will utilize DLAR 4185.1, DLAR 4125.1 and DLAR 3200.1/AR 715-13/NAVSUPINST 4120.30/AFR 400-40/MCO 4000.18C (Implemented In the Navy Department by NAVSUP Instruction 4120.30), as applicable, in the preparation of maintenance instructions or technical maintenance standards for maintenance support directed by project orders, work requests or contractual requirements. DLA maintenance activities and the Military Services activities furnishing interservice support to DLA will ensure that product quality and reliability for items processed through maintenance and returned to the DLA distribution system are in accordance with the applicable maintenance Instructions or technical maintenance standards.

IV. DEFINITIONS

A. Maintenance Instruction. Applicable technical document (procurement specifications, manufacturers' specifications, Military Services technical publications, or other published documents) with Instructions that will be utilized to perform required maintenance of an Item.

B. Technical Maintenance Standards (TMS). Applies to a uniform format used to specify the necessary requirements of Technical Data, DLAR 4185.1, that will be utilized in the performance of required maintenance of an Item.

V. BACKGROUND

A. DLA is responsible for the management and operation of effective and economical supply support for DLA-managed items and for the repair/rebuild of managed Items and IPE. Unserviceable economically repairable materiel resources represent a significant Investment of funds. These resources are a valuable potential source of issuable assets. DSCs will continue to program repair of DSC-managed items when it is determined to be more economical or expedient than new procurement. Each of the DSCs and DIPEC having Items subject to repair/rebuild are responsible for managing such items (DLAM 414g.3 and DLAM 4215.1).

B. DLA policies, procedures, and guidance for development and accomplishment of the maintenance program are In accordance with the DLA maintenance policy. The maintenance workload is programmed into the Military Services facilities through interservice support agreements, DLAR 4000.7, Commercial Contractors, DLAR 4151.10, and DLA assigned and operated maintenance facilities, DLAR 5805.3.

VI. SIGNIFICANT CHANGES. This regulation requires revision due to minor changes and a complete update of the referenced publications.

VII. RESPONSIBILITIES

A. The Executive Director, Supply Operations, HQ, DLA (DLA-O) will administer the maintenance Instructions or TMS program for materiel or items under the management of DLA.

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B. The Executive Director, Technical and Logistics Services, HQ DLA (DLA-S) will:

1. Provide policy and procedural guidance for technical and engineering data.
2. Provide policy and procedural guidance for standardization and engineering support.

C. The Military Services/Depot Maintenance Activities Furnishing Interservice Support to DLA will:

1. Ensure that all materiel or items being processed for DLA through the respective Military Services depot maintenance activity are processed in accordance with applicable maintenance instructions or technical maintenance standards. Project orders/work requests received, which do not prescribe the appropriate guidance, or which prescribe data not available to the depot maintenance activity, will be returned to the appropriate DSC/DIPEC for inclusion of required guidance.
2. Furnish feedback quality and reliability data derived from depot quality assurance operations, in accordance with DLAR 4155.18 to respective DSC/DIPEC responsible for the item.

D. DLA Field Activities

1. The Commanders of DSCs and DIPEC will:

- a. Review and analyze technical data, in accordance with DLAR 4185.1, to ascertain that they are current and realistic in terms of repair/rebuild to support the DLA Maintenance Program.
- b. Ensure the adequacy of technical data for producibility and other maintenance implications. When data is determined to be inadequate, additional technical data required for support of the DLA Maintenance Program will be obtained in accordance with DLAR 3200.1/AR 715-13/NAVSUPINST 4120.30/AFR 400-40/MCO 4000.18C (implemented in the Navy Department by NAVSUP Instruction 4120.30).
- c. Develop, establish, and/or prescribe maintenance instructions or TMS for performance directed by project orders, work requests, or contractual requirements.
- d. Determine whether technical data cited in maintenance instructions or TMS are available at the DLA maintenance activity. Where information is not available at the maintenance activity, such data shall be furnished with the project order/work request and/or sufficient lead times shall be provided in the maintenance required date for obtaining data by the maintenance activity.
- e. Ensure that project orders, work requests or contractual requirements issued prescribe the appropriate maintenance instructions or TMS.
- f. Utilize quality and reliability data derived from depot quality assurance operations, DLAR 4155.18, in preparation of procurement description and/or forward such data (e.g., Design, Development, Procurement, Specification Development, Maintenance Engineering) to the cognizant Military Service responsible for correction of materiel deficiencies and related technical documentation.

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g. Ensure that quality systems management visits include review of maintenance instructions or TMS issued by DSC/DIPEC to assure that they are adequate for maintenance and are understood; review problems concerning quality; and assist in the solution of problems and provide technical commodity knowledge.

h. Initiate action and provide technical recommendations which affect maintenance and delivery schedules.

2. The Heads of DLA Primary Level Field Activities with Maintenance Responsibilities will:

a. Ensure that all materiel or items being processed for DLA through a maintenance activity are processed in accordance with applicable maintenance instructions or TMS. Project orders/work requests received, which do not prescribe the appropriate guidance, will be returned to the appropriate DSC/DIPEC for inclusion of required guidance.

b. Ensure that TMS are prepared only when a maintenance instruction is not available or not sufficient in defining the specific technical data that will be utilized in specifying the descriptive and performance characteristics or features of items, materials, practices process, and services required for maintenance support of the DLA materiel. The information to be utilized will indicate the specific technical data requirements that will be used in performance of required maintenance. The TMS shall adhere to a uniform format completely identifying the item and providing as a minimum the following information:

- (1) Heading
 - (a) Technical Maintenance Standards.
 - (b) Center responsible for preparation.
 - (c) Date effective.
 - (d) Assigned number for control and reference purposes.

The numbering of the TMS will include the following:

- (1) The designated letters TMS.
- (2) A dash and the abbreviation of the originating activity (example: DGSC, DIPEC).
- (3) A dash and four digits to provide for identification by Federal Supply Classification group and class assigned to the item covered by the technical maintenance standard.
- (4) A dash and serial number beginning with 1.
(Successive TMS for other items in the same Federal Supply Class (FSC) group will be numbered consecutively.)

Example: TMS-DCSC-2815-1
TMS-Technical Maintenance Standards
DCSC-Abbreviation of preparing DLA activity
2815-FSC class of item
1-First TMS on item covered by the particular FSC group or class

(e) Item noun name and sufficient name modifiers so that additional reference is required.

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(2) Scope. Indicate any special intended coverage pertaining to the item(s) above when not adequately covered by the nomenclature or lacking an assigned NSN, Plant Equipment Code (PEC).

(3) Application

(a) NSN or PEC.

(b) Manufacturer's name(s) or five-digit code number(s) in accordance with Federal Cataloging Handbook M4-1.

(c) Applicable manufacturer's part numbers, drawing numbers, or model numbers.

(4) Definitions. List any definitions required to preclude misinterpretation of standard.

(5) Reference Documents. List technical data, DLAR 4185.1, that are specifically and clearly applicable to the TMS.

(6) Retirements. Indicate the extent of which technical data will be utilized in the performance of required maintenance. Specify the minimum technical materiel and operational requirements that the item must achieve after repair in order to provide a serviceable item for the operating conditions to be encountered. These requirements should be so worded as to provide a definite basis for rejection in those cases where the quality and workmanship are such that the item is unsuitable for the purpose intended. Statements such as "renew to within 90 percent of new condition" are not definitive and should not be used.

(7) Preparation for Shipment. Include applicable requirements for preparation, packaging, packing, skidding, and marking of packages and containers to assure that a serviceable or economically repairable item may be included by reference to applicable specifications or TMS.

(8) Quality Assurance Provisions. Include all the examinations and tests to be performed to assure compliance with the requirements and preparation for delivery sections of the TMS. Requirements may be included by reference to applicable specifications or standards.

(9) Notes. Include information of a general or explanatory nature.

BY ORDER OF THE DIRECTOR


JAMES N. SINGSANK
Colonel, USA
Staff Director, Administration

COORDINATION: DLA-OS, DLA-QL
DLA-KS, DLA-LP, DLA-LR,
DLA-SE, DQMSO-T, DLA-CB, Army
(DALO-SMP), Air Force (AFLC-MAQ),
Marine Corps (USMC-PSI-D/TM),
Navy (NAVSUPSYS CMD - Code 0322D)