

MIL-E-21981B(EC)
 15 August 1986
 SUPERSEDING
 MIL-E-21981A (Navy)
 2 July 1968

MILITARY SPECIFICATION

ELECTRONICS EQUIPMENT, NOMENCLATURE, SERIAL NUMBERS AND IDENTIFICATION PLATES: REQUIREMENTS FOR

This specification is approved for use within the Space and Naval Warfare Systems Command, Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the requirements and procedures for requesting and processing nomenclature actions, assignment of serial numbers, and approval of identification plate drawings for electronic equipment and accessories.

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications and standards. The following specifications and standards form a part of this specification to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation.

SPECIFICATIONS

MILITARY

MIL-P-15024/5	Military Specification Sheet Plates, Identification
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STANDARDS

MILITARY

DOD-STD-100	Engineering Drawing Practices
MIL-STD-196	Joint Electronics Type Designation System
MIL-STD-280	Definitions of Item Levels, Item Exchangeability, Models, and Related Terms

2.1.2 Other Government documents. The following other Government document forms a part of this specification to the extent specified herein. Unless otherwise specified the issue shall be that in effect on date of solicitation.

DEPARTMENT OF DEFENSE CATALOGING HANDBOOK

H6	Federal Item Name Directory for Supply Cataloging
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(Copies of specifications, standards, and other Government documents required by contractors in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Space and Naval Warfare Systems Command, Attention: SPAWAR 003-12, Washington, DC 20363-5100, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document, or by letter.

AMSC NO. N3897

FSC 9905

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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3. REQUIREMENTS

3.1 Nomenclature.

3.1.1 Submission of nomenclature requests. All requests for assignment, reinstatement, revision and cancellation of military nomenclature shall be submitted on DD Form 61. A separate DD Form 61 is required for each System, Subsystem, Center, Control, Set, Group, or Unit as defined by MIL-STD-196 or MIL-STD-280 (see 6.3).

3.1.1.1 Preparation of DD Form 61. The DD Form 61 shall be completed fully on all requests submitted for the assignment, reinstatement, or revision of nomenclature. The form shall be completed in accordance with MIL-STD-196.

3.1.2 Submission of request for modification letter (see 6.3).

3.1.2.1 A separate request is submitted for the assignment of a modification letter (alphabetical suffix letter) for items already assigned a basic type designation.

3.1.2.2 The description of items requiring modification letters is to be as complete as for new items requiring basic type designation.

3.1.2.3 In order for a modification letter to be assigned, the modified item must be at least one way interchangeable, electrically, mechanically and functionally with the basic type designation. If the modified item is only similar to the basic, a new nomenclature is assigned.

3.1.2.4 The modified item is electrically interchangeable with the basic if it is capable of operation without any modifications to the existing power facilities, change to, or rewiring of connectors, etc.

3.1.2.5 The modified item is mechanically interchangeable with the basic if it is capable of being physically installed and operated without any modifications to mounting holes, cabling, isolators, etc.

3.1.2.6 The modified item is functionally interchangeable with the basic if it is capable of performing, without additional assistance, all the functional capabilities covered by the basic item.

3.1.3 Submission of request for revision. When the description of an item previously submitted is no longer correct, a revised request containing a full description that accurately reflects the current and only configuration of the item shall be submitted. The DD Form 61 shall be completed in the same manner as for an assignment with specific changes summarized in Block 24 (see 6.3).

3.1.4 Submission of request for nomenclature confirmation. All nomenclatured items to be procured under each follow-on production contract or other procurement action must have nomenclature confirmed, including items that are listed in the complement data of the equipment being confirmed. In cases involving reprocurement, if the equipment is electrically, mechanically and functionally interchangeable, including maintenance parts, with equipments previously supplied for Government, a letter to this effect, listing the last contract number, serial numbers assigned, type designation and part or drawing numbers of all nomenclatured items being procured, shall be submitted in lieu of DD Form 61 (see 6.3).

3.1.5 Submission of cancellation requests. Cancellation of nomenclature requests shall be submitted on DD Form 61 in accordance with FIGURE 4, of MIL-STD-196 (see 6.3).

3.1.6 Security classification of nomenclature requests. All requests for nomenclature shall include both the security classification of item (hardware) in Block 7 and the information (data) provided. In the latter case, if any information is classified, each data element on the request is marked with the appropriate security classification symbol immediately preceding and to the left of the data element involved. Changes in security classification shall be submitted in accordance with FIGURE 6 of MIL-STD-196 (see 6.3).

3.2 Serial number assignment. Serial numbers are required for each item (System, Subsystem, Center, Control, Set, Group, or Unit) of nomenclatured equipment to which an identification plate is to be applied. Serial numbers are assigned for each production contract and, if applicable, each delivery order under a specific contract. Serial numbers are not assigned to experimental or developmental equipment. Serial numbers will be assigned sequentially by a block of numerals, or alpha numerals, for each production contract. When assignment of serial numbers is requested, the quantity of each item which is to be produced under a given contract, including options under such contract, shall be submitted (see 6.3).

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3.3 Submission of requests for approval of identification plate drawing format. If an identification plate is required, a drawing which shows the identification plate format shall be submitted for approval. The identification plate drawing format shall be approved for each production contract (see 6.3).

3.3.1 Identification plate format. The identification plate format to be used for nomenclature equipment is set forth in MIL-P-1502475 (SHIPS) as follows:

<u>Nomenclature</u>	<u>Figure No./Page</u>
System, Subsystem, Center, Central, or Set	Figure 3A/Page 3
Unit	Figure 3B/Page 4
Group	Figure 3D/Page 5
Modification Plate (Field Change)	Figure 3E/Page 5

3.4 Submission of requests for assignment of national stock numbers (NSNs). Each item to be stocked under centralized inventory control will be assigned an NSN. Submission of the request for NSN shall occur after the assignment of nomenclature (see 6.3).

4. Quality Assurance Provisions.

This section is not applicable to this specification.

5. Packaging.

This section is not applicable to this specification.

6. NOTES

6.1 Intended use. This specification is designed to augment and clarify instructions contained in applicable documents, paragraph 2, and provide additional standardization within the Department of Navy.

6.2 Cataloging Handbook H6 (Federal Item Name Directory for Supply Cataloging) is published in two sections: Section A (Alphabetic Index of Names) and Section B, Subsection 1 (Numeric Guides) and Subsection 2 (Alphanumeric Index of Federal Item Identification Guides to Item Name Codes). The publication contains all names, definitions, Item Name Codes, Federal Item Identification Guide numbers, and abbreviations and symbols, approved by the Directorate of Item Identification.

6.3 Data Requirements. When this specification is used in an acquisition which incorporates a DD Form 1423, Contract Data Requirements List (CDRL), the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved CDRL incorporated into the contract. When the provisions of DOD FAR Supplement, Part 27, Sub-Part 27.410-6 are invoked and the DD 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or purchase order requirements. Deliverable data required by this specification is cited in the following paragraphs.

<u>Paragraph No.</u>	<u>Data Requirement</u>	<u>Applicable DID No.</u>
3.1.1, 3.1.2, 3.1.3, 3.1.5, and 3.1.6	Request for Nomenclature (DD 61)	DI-E-7194
3.1.4	Request for Confirmation of Nomenclature	DI-CMAN-80194
3.2	Request for Serial Number Assignment	DI-CMAN-80195
3.3	Request for Approval of Indenti- fication Plate Drawings	DI-CMAN-80196
3.4	Request for National Stock Number	DI-CMAN-80197

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(Data item descriptions related to this specification, and identified in Section 6 will be approved and listed as such in DoD 5010.12-L, AMSDL. Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

6.4 Subject term (key word) listing.

Nomenclature
Serial number
Identification plate
National stock number

6.5 Changes from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous issue, due to the extensiveness of the changes.

Preparing activity:
NAVY - EC

(Project 9905-N267)

INSTRUCTIONS: In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (*DO NOT STAPLE*), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

NOTE. This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

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DEPARTMENT OF THE NAVY
SPACE AND NAVAL WARFARE SYSTEMS
COMMAND
WASHINGTON DC 20363-5100



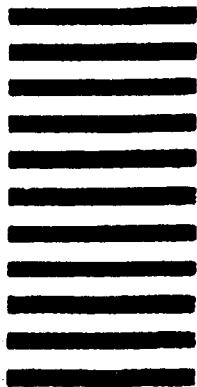
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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER	2. DOCUMENT TITLE
3a. NAME OF SUBMITTING ORGANIZATION	4. TYPE OF ORGANIZATION <i>(Mark one)</i> <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER <i>(Specify)</i> _____
b. ADDRESS <i>(Street, City, State, ZIP Code)</i>	
5. PROBLEM AREAS	
a. Paragraph Number and Wording:	
b. Recommended Wording:	
c. Reason/Rationale for Recommendation:	
5. REMARKS	
7a. NAME OF SUBMITTER <i>(Last, First, MI) - Optional</i>	7b. WORK TELEPHONE NUMBER <i>(Include Area Code) - Optional</i>
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