



DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND
WASHINGTON, D.C. 20362-5101

IN REPLY REFER TO

NAVSEAINST 4130.16
OPR 04TD
16 JUN 92

NAVSEA INSTRUCTION 4130.16

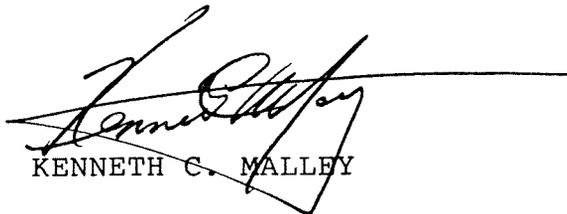
From: Commander, Naval Sea Systems Command

Subj: IDENTIFICATION PRACTICES FOR SYSTEMS, EQUIPMENT, COMPUTER SOFTWARE AND FIRMWARE

1. Purpose. This instruction prescribes policy and procedures for obtaining unique system and equipment identifiers for purposes of: (a) configuration identification, and (b) cataloging, storing and issuing of material.
2. Cancellation. NAVSEAINST 4410.2 of 1 October 1975 (Subj: Obtaining National Stock Numbers (NSN) for Expendable Ordnance Material procured for management by the Naval Sea Systems Command) and NAVSEAINST 5030.2 of 20 September 1977 (Subj: MARK and MOD Nomenclature System; applicability of and procedures for) were cancelled in 1986. NAVSEANOTE 5030 of 8 April 1980 (Subj: Serial Number Assignment to NAVSEA Ordnance Equipment; Requirements for) is also cancelled.
3. Scope. This instruction applies to all: (a) Hull, Mechanical and Electrical (HM&E), Electronic, Ordnance, Missile All-Up-Round (AUR) items and related weapon systems and components, including computer software and firmware, and associated documentation; (b) logistics support items such as test, measuring and diagnostic equipment, trainers, training devices and handling equipment; and (c) designated program managers including Ship Program Managers (SPMs), Acquisition Managers (AMs), Participating Managers (PARMs), system and equipment Life Cycle Managers (LCMs) and managers at supporting shore activities such as In Service Engineering Agents (ISEAs) and the Navy Ships Parts Control Center (SPCC).
4. Exception. Reactor plant systems and equipment under the cognizance of the NAVSEA Deputy Commander for Nuclear Propulsion (SEA 08) are excluded from this instruction. Such matters will be handled as directed by SEA 08.
5. Format. This is a publication type directive. Refer to the Table of Contents for specific subject matter and reference location.

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6. Forms. NAVSEA Headquarters personnel may obtain copies of DD Form 61 (Request for Nomenclature) and Form NAVSEA 5030/1 (Nomenclature Assignment Request) from the NAVSEA supply room in NC#2, room 1W33. Other activities may obtain copies of DD Form 61 per NPFC P-2002D. Copies of SPCC 8010/57 can be obtained from SPCC Code 8522.



KENNETH C. MALLEY

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Subj: IDENTIFICATION PRACTICES FOR SYSTEMS, EQUIPMENT, COMPUTER
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See: _____
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References

- (a) SECNAVINST 4130.2 of 11 May 87, Subj: Department of the Navy Configuration Management Policy
- (b) NAVSEAINST 4130.12A of 12 Apr 89, Subj: Configuration Management (CM) Policy and Guidance
- (c) Handbook H6, Section B of Jan 90, Subj: Cataloging Handbook, Federal Item Name Directory for Supply Cataloging
- (d) DOD 4100.39-M, of Jul 91, Subj: Defense Logistics Information System (DLIS) Procedures Manual
- (e) MIL-STD-196D of 19 Jan 85, Subj: Joint Electronics Type Designation System
- (f) MIL-E-21981B(EC) of 15 Aug 86, Subj: Electronics Equipment, Nomenclature, Serial Numbers and Identification Plates: Requirements For
- (g) MIL-P-15024/5 (SHIPS) of 11 Jun 71, Subj: Plates, Identification
- (h) MIL-STD-1661 (OS) of 1 Aug 78, Subj: MARK and MOD Nomenclature System
- (i) MIL-P-15024/10A (OS) of 7 Mar 86, Subj: Nameplates, ORDALT Plates and Information Plates
- (j) MIL-STD-1168A of 28 Feb 75, Subj: Ammunition Lot Numbering
- (k) NAVAIRINST 8800.3C1 of 20 Jul 90, Subj: Designating and Naming Defense Equipment, Military Aerospace Vehicles
- (l) DoD 4120.15-L of Jan 90, Subj: Model Designation of Military Aerospace Vehicles
- (m) NAVSEA Technical Specification 9090-700A, Revision 1 of 23 Dec 88, Subj: Ship Configuration and Logistics Support Information System (SCLSIS)
- (n) DOD-STD-2167A of 29 Feb 88, Subj: Defense System Software Development
- (o) SPCCINST 8010.12D, Change 11 of 2 Oct 89, Subj: Supply Management of Ammunition

SECTION 1
Definitions, Policy and Responsibilities

1.1 Discussion

a. References (a) and (b) require that each Configuration Item (CI) be assigned unique identifying names and numbers. These references also require that the control, assignment and distribution of CI names and numbers be performed by a single approval authority for each numbering system.

b. System and equipment nomenclatures and serial numbers are often used as a means to uniquely identify items in the fleet as well as providing essential continuity in identification for effective life cycle engineering and logistics support.

c. In addition to nomenclatures and serial numbers, National Stock Numbers (NSNs) and other identification systems may be assigned to provide additional material traceability for identically configured and nomenclatured items.

1.2 Definitions The following definitions are provided for those common terms used to describe and identify systems and equipment:

a. Computer Software Configuration Item (CSCI) A CSCI is an aggregation of software which satisfies the requirements and performs the functions of the application software and system software. CSCIs may be further decomposed into Computer Software Components (CSCs), functionally or logically distinct software parts of a CSCI.

b. Computer Software Configuration Item (CSCI) Identification Number The CSCI identification number is a unique number used in specifications, documentation, manuals, engineering data, and software listings to identify the Computer Software Configuration Item (CSCI). The number will also appear on all media (e.g., tapes, disks, etc.) containing the software. The basic CSCI identification number will not change throughout the life cycle of the system. Versions, releases, and patches will have unique identifiers which relate them to the basic CSCI (e.g., dash numbers as suffixes).

c. Computer Firmware An assembly composed of a hardware unit and a computer program integrated to form a functional entity whose configuration cannot be altered during normal operation. The computer program is stored in the hardware unit as an integrated circuit with a fixed logic configuration that will satisfy a specific application or operational requirement.

d. Computer Program A series of instructions or statements in a form acceptable to computer equipment, designed to cause the execution of an operation or series of operations. A computer program may be either machine dependent or machine independent, and may be general purpose in nature or be designed to satisfy the requirements of a specialized process of a particular application. The form of a computer program may be a deck of punched cards, magnetic or paper tapes, disks, firmware, or other physical medium.

e. Computer Software (or Software) A combination of associated computer programs and data required to enable the computer hardware to perform computational or control functions.

f. Configuration Item (CI) Material items designated by Department of Defense Components for Configuration Management (CM). They may differ widely in complexity, size, and kind. Examples are an aircraft, ship, mobile test unit, navigation system, embedded computer, computer program, electronic system, test meter, or a round of ammunition.

g. Item Name The item name is a 19 character field usually made up of a basic name followed by a modifier(s). The modifier is necessary to distinguish between items having the same basic name but differing in system or service application. During its initial assignment, the item name may be selected from reference (c) or may be developed by the cognizant inventory manager, cataloging agent or designated nomenclature control office per Chapter 2, Volumes 3 and 4 of reference (d) when no approved Item Name exists. The item name is the name that normally appears in the header or piece part portion of an Allowance Parts List.

h. Item Name Navy (INAVY) The INAVY name is a special name assigned when the Item Name does not satisfactorily describe the item for Navy allowance list purposes. This 24 character field consists of a more descriptive name for an item normally appearing on applicable ordnance and HM&E technical manuals and in drawing title blocks. The INAVY name is also used instead of the item name on applicable ordnance and HM&E allowance lists.

i. Joint Electronics Type Designation System (JETDS) The JETDS, formerly known as the Joint Army-Navy (AN) Nomenclature System, is used in type designating communications and electronic equipment. JETDS nomenclature consists of an Item Name and a type designation. The type designation is a combination of letters and numerals arranged in a specific sequence to provide a short significant method of unique identification.

j. MARK or EX and MOD Nomenclature The MARK or EX and MOD nomenclature is used as means of identifying ordnance, guided missile components, navigation and diving systems and equipment. MARK or EX and MOD nomenclature consists of the item name or INAVY name followed by the MARK or EX and MOD type designation.

k. Mission Design Series (MDS) The MDS is used to designate military aerospace vehicles, including aircraft, rockets, guided missiles, boosters, satellites, and probes. The MDS is a combination of letters and numerals used to represent a specific category of aerospace vehicles for operations, support, and documentation purposes. The MDS is used in conjunction with a Popular Name assigned to each aerospace vehicle.

l. National Stock Number (NSN) The NSN is a 13 digit number assigned by the Defense Logistics Service Center (DLSC) that uniquely identifies a material item of supply.

m. Navy Item Control Number (NICN) A NICN is an identification assigned by an authorized activity to identify an item of supply or an item retained for technical information.

n. Nomenclature Nomenclature is an assigned alpha numeric type designation and a descriptive title used for the standardization of item identification and design control.

o. Part Number The part number is an identifier assigned by the government or manufacturer that consists of letters, numbers, or a combination of letters and numbers which may or may not be separated by dashes. If assigned by the manufacturer, the part number may be his drawing number which is assigned to uniquely identify a specific item.

p. Patch A patch is a section of coding inserted into a routine (usually by explicitly transferring control from the routine to the patch and back again) to correct a mistake or alter the routine. A patch can also be a special routine linked to the program by unconditional transfers of control; used for checking or correcting programs. A patch is also used to correct or change the coding at a particular location by inserting transfer instructions at that location, and by adding the new instructions and the replaced instructions elsewhere.

q. Popular Name The popular name is a name provided to military aerospace vehicles (e.g., guided missiles) identified by an assigned MDS type designation. The popular name is assigned to aid communications and media references. The popular name should be no more than two short words and should characterize the mission and operational qualities of the vehicle.

r. Reference Number The reference number is any number, other than an activity stock number, used to identify an item of production, or either by itself or in conjunction with other reference numbers, to identify an item of supply. Reference numbers include manufacturers' or government part, drawing, model, type and source controlling numbers, and specifications or standard part, drawing or type numbers.

s. Release A release is a configuration change action whereby a particular version of software is made available for a specific purpose (i.e., for testing purposes).

t. Serial Number A serial number is a number that is assigned to uniquely identify a specific item of production within a group of like items.

u. Standard HM&E Equipment Standard HM&E equipment are those which are currently installed in the active fleet and which are known to be fully supported (i.e., reprocurable) at both the end item and piece parts level from the original equipment manufacturer.

v. Standard Design HM&E Equipment Standard design HM&E equipment are those for which the Navy has developed a standard design or has acquired and has in its possession a complete technical data package consisting of the product drawings and associated lists suitable for manufacturing the equipment, and that have been adopted as standard Navy equipment designs.

w. Version A version is an identified and documented body of software. A modification to a version of software resulting in a new version will require a configuration change action.

1.3 Policy

a. All systems and equipment including computer software and firmware shall have a unique identification. This identification shall also be affixed or represented on the hardware or software item.

b. A Computer Software Configuration Item (CSCI) number will be assigned to each CSCI and must relate to the system or subsystem that will use the CSCI. The CSCI number shall not appear operationally in the software when the software is used.

c. National Stock Numbers (NSNs) shall be assigned to all items introduced into the Federal Supply System per Volume 4 of reference (d).

1.4 Responsibilities

a. Deputy Commander for Fleet Logistics Support (SEA 04)

(1) Establish and maintain policy and procedures for internal and external system and equipment identification operations.

(2) Control and discipline the use of system and equipment identification systems within the NAVSEA community and its shore activities and maintaining central coordination with external nomenclature assignment authorities.

(3) Manage and assess system operations.

b. Director of Ocean Engineering, Supervisor of Salvage and Diving (SEA OOC), Deputy Commander for Ship Design and Engineering (SEA 05), Deputy Commander for Weapons and Combat Systems (SEA 06), Warfare Center Commanders (WCCs), Deputy Commander for Industrial and Facility Management (SEA 07), Deputy Commander for Surface Ship (SEA 91), Deputy Commander for Submarines (SEA 92), Reporting Managers, Designated Program Management Offices, and Managers at Supporting Shore Activities

(1) Provide positive and unique identification for each system and equipment CI and CSCI under their cognizance.

(2) Ensure all requests for system and equipment nomenclature and serial numbers are properly prepared and submitted to the appropriate activity for assignment and approval per this instruction.

(3) Incorporate into each applicable contract or task assignment involving the design, development, acquisition or production of systems and equipment the applicable data requirement or Statement of Work (SOW) and Data Item Description (DID) for requesting nomenclature assignment or confirmation, and government serial number assignment, as applicable.

(4) Ensure the consistent and accurate use of approved system and equipment nomenclature on all equipment, software media and technical and logistics documentation (e.g., drawings, technical manuals, Integrated Logistics Support (ILS) program plans, etc.) throughout the life cycle of the program.

(5) Ensure the system, equipment and computer software identification plate, label or nameplate information reflects the approved nomenclature or CSCI number and assigned serial number.

(6) Maintain current configuration identification information for systems, equipment and computer software affected by approved configuration changes by submitting required revisions to the current approved nomenclature assignments.

(7) Ensure all requests for assignment of Navy Item Control Numbers (NICNs) and NSNs are per this instruction.

c. Naval Sea Logistics Center (NAVSEALOGCEN)

(1) Process and coordinate requests for assignment of nomenclature and serial numbers to electronic systems and equipment.

(2) Draft processing standards and appropriate automated applications to support daily operations for nomenclature and serial number assignments.

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(3) Maintain a record of all approved electronic systems and equipment nomenclatures, serial number assignments and associated technical data in the Nomenclature Identification and Configuration System (NICS) data base.

(4) Monitor and track receipt and approval of individual requests and provide appropriate operational reports.

(5) For HM&E systems and equipment:

(a) Provide training to the designated Technical Support Activity (TSA), shipbuilders and overhaul yards in the proper use of the Component Item Characteristics (CICs) System.

(b) Perform an on-going assessment of the Technical Support Activities' (TSA) standard nomenclature assignment process.

(c) Manage the CICs System.

(d) Perform a general oversight role related to the entire nomenclature assignment process.

d. Naval Surface Warfare Center (NSWC), Indian Head Division

(1) Coordinate requests for assignment of official nomenclature and serial numbers to ordnance weapon systems and equipment and missile All-Up-Rounds (AURs).

(2) Draft processing standards and appropriate automated applications to support daily operations for nomenclature and serial number assignments.

(3) Maintain a record of all approved ordnance weapon systems and equipment and missile AUR item nomenclatures, serial number assignments and associated technical data in the NICS data base.

(4) Monitor and track receipt and approval of individual requests and provide appropriate operational reports.

e. NAVSEA designated Technical Support Activities (TSAs)

(1) Perform the assignment of standardized HM&E nomenclature for Contractor Furnished Equipment (CFE) and Government Furnished Equipment (GFE) during the provisioning review process.

(2) Capture and maintain the CICs standardized HM&E nomenclature in the Lead Allowance Parts List (LAPL) data file.

(3) Maintain standardized HM&E nomenclature data current in the CICs System via LAPL updates.

(4) Ensure consistent and accurate use of HM&E standardized nomenclature and coordinate any change to the CICs with the cognizant program manager or Life Cycle Manager (LCM) and NAVSEALOGCEN.

SECTION 2
Procedures for Obtaining Electronic Systems and
Equipment Nomenclature and Serial Number Assignments

2.1 Nomenclature Requests

a. Requests for assignment, revision, or cancellation of Joint Electronics Type Designation System (JETDS) nomenclature, (i.e. "AN" Type Designation plus approved Item Name) are prepared per reference (e) using DD Form 61, Request for Nomenclature, Figure 2-1. Nomenclature requests originated by a contractor will also be prepared per reference (e) following the data format and content provided in Data Item Description (DID) DI-E-7194 and as specified in the contract.

b. The nomenclature request originator (i.e., the government program office, supporting shore activity, or contractor) will submit the completed DD Form 61 to the Commanding Officer, Naval Sea Logistics Center (NAVSEALOGCEN), Code 433, Mechanicsburg, PA for processing and centralized identification control purposes. A separate form DD Form 61 should be prepared and submitted for each type of action being requested (i.e. an assignment, revision or cancellation). For a revision type of request, the revision block on the DD Form 61 will be checked if previously identified data has changed or is no longer correct such as the part number for an item already nomenclatured.

c. NAVSEALOGCEN will conduct a technical review of each request for nomenclature and assign a unique source request number to each DD Form 61.

d. Following the review of the DD Form 61, if an approved item name is required NAVSEALOGCEN will provide assistance to the program manager in the preparation of the item name request per reference (d) using DD Form 180, Item Name Collaboration Action Request. NAVSEALOGCEN will forward the item name request electronically to the Defense Logistics Agency (DLA), Defense Logistics Services Center (DLSC), (DLSC-FBC), Battle Creek, Michigan, for item name approval. DLSC will forward the approved item name to NAVSEALOGCEN and add the new item name and its definition to reference (c).

e. NAVSEALOGCEN will forward each request for nomenclature to the electronics Department of Defense Control Point (DODCP), Commander, U.S. Army Communications and Electronics Command (AMSEL-LC-LM-LC-J), Fort Monmouth, NJ, for approval.

f. The DODCP will review each request and provide the approved JETDS nomenclature which will be returned to NAVSEALOGCEN.

g. NAVSEALOGCEN will record the approved nomenclature and associated configuration data in the Nomenclature Identification and Configuration System (NICS) data base and inform the request originator and the cognizant program manager of the approved nomenclature assignment.

h. Commercial-Off-The Shelf (COTS) procured electronic systems and equipment will be uniquely identified by the manufacturer (e.g., by model number, Commercial and Government Entity (CAGE) code and part number, etc.) unless it's to the governments advantage to have official nomenclature assigned per reference (e).

2.2 Nomenclature Confirmation Requests

a. Requests for confirmation of nomenclature are prepared per reference (f). Requests for confirmation of nomenclature originated by a contractor will also be prepared per reference (f) following the data format and content provided in DID DI-CMAN-80194 and as specified in the contract.

b. The request originator will submit the request to NAVSEALOGCEN Code 433 for processing.

c. NAVSEALOGCEN will provide the nomenclature confirmation to the request originator and to the cognizant program manager.

2.3 Serial Number Requests

a. Requests for government serial number alpha prefixes or serial numbers for nomenclatured electronic systems or equipment are prepared per reference (f). Serial number requests originated by a contractor will also be prepared per reference (f) following the data format and content provided in DID DI-CMAN-80195 and as specified in the contract.

b. The serial number request originator should forward a copy of each request to the cognizant system or equipment program manager for information purposes and to NAVSEALOGCEN Code 433 for government assignment and approval.

c. NAVSEALOGCEN will review each request and provide a serial number alpha prefix assignment for all items supplied under a specific contract or task. An exception to this method of assignment will be handled on a case by case basis.

d. NAVSEALOGCEN will forward the serial number assignment information to the request originator and to the cognizant program manager.

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e. NAVSEALOGCEN will provide final approval of serial number assignments after they receive written confirmation from the request originator on the actual and unique serial numbers being used and identified on equipment identification plates.

f. NAVSEALOGCEN will acknowledge each serial number confirmation letter and record the actual system or equipment serial number assignment(s) and associated configuration data in the NICS data base.

2.4 Identification Plate Information

a. Requests to review and approve identification plate drawings should be forwarded to NAVSEALOGCEN Code 433 for processing. Requests originated by a contractor will be prepared following the data format and content provided in DID DI-CMAN-80196 and as specified in the contract.

b. NAVSEALOGCEN will review each request and recommend approval subject to any specific changes. Identification plate design will be per reference (g) and should reflect the approved nomenclature, government serial number assignment and applicable part number of the system or equipment.

c. NAVSEALOGCEN will forward a response to the request originator and to the cognizant program manager.

REQUEST FOR NOMENCLATURE				Form Approved OMB No. 0704-0188	
<small>Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses.</small>					
1. ORIGINATOR AND ADDRESS (Include ZIP Code)					
2. THRU OR VIA (Include ZIP Code)			3. TO (Include ZIP Code)		
4. DATE OF REQUEST	5. DESCRIPTION PER DP NO.	6. SOURCE REQUEST NO.	7. SECURITY CLASS. EQUIP		
8. FEDERAL SUPPLY CLASS	9. STOCK NO. (When available)	10. ACTION REQUESTED <input type="checkbox"/> REVISION <input type="checkbox"/> CANCELLATION <input type="checkbox"/> ASSIGNMENT			
11. FOR REVISIONS NOTE CHANGE IN <input type="checkbox"/> ITEM NAME <input type="checkbox"/> TECHNICAL DATA <input type="checkbox"/> TYPE DESIGNATION <input type="checkbox"/> SECURITY CLASS OF EQUIP <input type="checkbox"/> SECURITY CLASS OF TECH DATA		12. TYPE OF NOMENCLATURE REQUESTED (Circle) <input type="checkbox"/> EXPERIMENTAL OR DEVELOPMENT <input type="checkbox"/> REPRODUCTION OR PRODUCTION			
13. RECOMMENDED NOMENCLATURE					
TECHNICAL DATA					
14. (1) FEDERAL CATALOGING ITEM NAME					
15. FUNCTIONAL DESCRIPTION					
16. CONTRACT OR ORDER NO.		17. GOVT DRAWING NO.		18. GOVT SPECIFICATION NO.	
19. DATE ACTION TAKEN TO (For use by Control Point only) <input type="checkbox"/> ASSIGN <input type="checkbox"/> CANCEL <input type="checkbox"/> REVISE				20. PROJECT GROUP	
21. EQUIPMENT OF WHICH THIS ITEM IS A PART					
22. EQUIPMENT WITH WHICH THIS ITEM IS USED					

SAMPLE

Figure 2-1. Request for Nomenclature (DD Form 61) (Front)

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<p>23. INITIATOR REQUESTING SUFFIX LETTER ASSIGNMENT OR NEW ASSIGNMENT WILL MARK APPROPRIATE BLOCK. COMPLETE DETAILS CONCERNING SIMILARITIES, DIFFERENCES, AND INTERCHANGEABILITY WILL BE STATED IN "OTHER PERTINENT INFORMATION" BLOCK BELOW</p> <p> <input type="checkbox"/> TWO WAY INTERCHANGEABLE, EXCEPT BY MAINTENANCE PARTS, WITH (List equipments) <input type="checkbox"/> TWO WAY INTERCHANGEABLE, INCLUDING MAINTENANCE PARTS, WITH (List equipments) <input type="checkbox"/> ONE WAY INTERCHANGEABLE WITH (List equipments) <input type="checkbox"/> SIMILAR TO (List equipments) BUT NOT <input type="checkbox"/> ELECTRICALLY, <input type="checkbox"/> MECHANICALLY. <input type="checkbox"/> FUNCTIONALLY, INTERCHANGEABLE (if appropriate block or blocks and specify differences) </p>	
<p>24. OTHER PERTINENT INFORMATION (List any additional information not covered by the above questions concerning function, application, purpose, relationship or similarity to other equipment, reason for revision, substitutability of or by other equipment, description of the design change, etc., which would aid in the assignment of nomenclature to this request.)</p>	
<p>25. INITIATED BY (Name, Title and Telephone Extension)</p>	<p>26. SIGNATURE</p>
<p>OR USE BY NOMENCLATURE CONTROL POINT ONLY</p>	
<p>27. AUTHORIZED NOMENCLATURE</p>	
<p>28. AUTHORIZED BY (Name, Title and Telephone Extension)</p>	<p>29. SIGNATURE</p>

SAMPLE

DD Form 61 Reverse, MAY 90

Figure 2-1 (Con't). DD Form 61 (Back)

SECTION 3
Procedures for Obtaining Ordnance Weapon Systems
and Equipment Nomenclature and Serial
Number Assignments

3.1 Nomenclature Requests

a. Requests for assignment, revision, or cancellation of "MARK or EX and MOD" nomenclature (i.e., "MARK or EX and MOD" Type Designation plus system or equipment Name) are prepared per reference (h) using form NAVSEA 5030/1, Nomenclature Assignment Request (NAR), Figure 3-1. Nomenclature requests originated by a contractor will also be prepared per reference (h) following the data format and content provided in Data Item Description (DID) DI-CMAN-81212 and as specified in the contract.

b. The nomenclature request originator (i.e., the government program office, supporting shore activity, or contractor) will submit the completed form NAVSEA 5030/1 to Naval Surface Warfare Center (NSWC) Indian Head Division, Indian Head, MD. Code 370, for processing and centralized identification control purposes. A separate form NAVSEA 5030/1 should be prepared and submitted for each type of action being requested (i.e., an assignment, revision or cancellation). For a revision type of request, the revision block on form NAVSEA 5030/1 will be checked if previously identified data has changed or is no longer correct such as the part number for an item already nomenclatured.

c. NSWC Indian Head will review each request and assign a unique source request number to each NAVSEA Form 5030/1.

d. NSWC Indian Head will provide the approved nomenclature per reference (h) and will ensure that an Item Name or INAVY name is assigned.

e. NSWC Indian Head will record the approved nomenclature and associated configuration data in the Nomenclature Identification and Configuration System (NICS) data base and inform both the request originator and the cognizant program manager of the approved nomenclature assignment.

f. Commercial-Off-The-Shelf (COTS) procured ordnance weapon systems and equipment will be uniquely identified by the manufacturer (e.g., by model number, CAGE code and part number, etc.) unless it's to the governments advantage to have official nomenclature assigned per reference (h).

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3.2 Serial Number Requests

a. Requests for government serial numbers for nomenclatured ordnance weapon systems or equipment are prepared per similar requirements specified in reference (f). Serial number requests originated by a contractor will also be prepared per similar requirements specified in reference (f) following the data format and content provided in DID DI-CMAN-81211 and as specified in the contract.

b. The serial number request originator should forward a copy of each request to the cognizant system or equipment program manager for information purposes and to NSWC, Indian Head Division, Code 370 for government assignment and approval.

c. NSWC, Indian Head Division will review each request and provide a unique serial number assignment to each item supplied under a specific contract.

d. NSWC, Indian Head Division will forward the approved system or equipment serial number assignment(s) to the request originator and to the cognizant program manager and record the assignment information and associated configuration data in the NICS data base.

3.3 Identification Plate Information Requests to review and approve identification plate drawings should be forwarded to the cognizant program office for processing. Identification plate design will be per reference (i) and should reflect the approved nomenclature, government serial number assignment and applicable part number of the system or equipment.

3.4 Lot Numbers

a. Lot numbering of expendable type ordnance items such as ammunition will be per reference (j).

b. Program managers that require lot numbers for their expendable ordnance items should establish, manage and control their own assignment system within their respective program.

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NOMENCLATURE ASSIGNMENT REQUEST (NAR)		FORM APPROVED OMB NO. 0704-0188	
<p>Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.</p>			
1. ORIGINATOR AND ADDRESS		3. SOURCE REQUEST NO.	4. DATE OF REQUEST
2. ORIGINATOR POINT OF CONTACT		5. ACTION REQUESTED <input type="checkbox"/> a. Assignment <input type="checkbox"/> b. Revision <input type="checkbox"/> c. Cancellation	
		6. REFERENCE(S) (Contract No., SEATASK No., Authorization Document)	
7. RECOMMENDED NOMENCLATURE OF ITEM (Name and Type Designator)			
8. ASSIGNED NOMENCLATURE OF ITEM (Name and Type Designator)			
9. TECHNICAL DATA (See Reverse of this form)(Attach additional sheets if required)			
10. GOVERNMENT SPECIFICATION NO.		11. CAGE CODE AND TOP ASSEMBLY DRAWING NO.	
12. EQUIPMENT OF WHICH THIS ITEM IS A PART (Or Next Higher Assy)		13. EQUIPMENT WITH WHICH THIS ITEM IS USED (or Major System Application)	
14. COGNIZANT PROGRAM OFFICE CONCURRENCE			15. APPROVAL OF NOMENCLATURE ASSIGNMENT
_____ a. Name & Signature b. Code c. Telephone No. d. Date			
15. NAR PROCESSOR CONCURRENCE			<input type="checkbox"/> Nomenclature is Approved
_____ a. Name & Signature b. Code c. Date			_____ a. Signature _____ b. Code c. Date

NAVSEA 5030/1 (Rev. 3-82) (Front)

(See instructions on reverse side of this form)

Figure 3-1. Nomenclature Assignment Request (NAVSEA 5030/1) Front

INSTRUCTIONS

Mail NAR form to: Commander
Naval Surface Warfare Center (NSWC)
Indian Head Division
Code 370
Indian Head, MD 20640-5035

BLOCK 1 - ORIGINATOR & ADDRESS: Self Explanatory.

BLOCK 2 - ORIGINATOR POINT OF CONTRACT: The name, code or department and telephone number of the person originating the request.

BLOCK 3 - SOURCE REQUEST NO.: A control number assigned by the Nomenclature Assignment Request (NAR) processor, NSWC Indian Head.

BLOCK 4 - DATE OF REQUEST: The date the NAR was prepared and submitted.

BLOCK 5 - ACTION REQUESTED: Mark appropriate box. If it is a "Revision", indicate which data on the form (e.g. item name, type designator or technical data) has been changed. (Indicate in Block 9 which previously approved NAR form is being revised or canceled.)

BLOCK 6 - REFERENCE(S): Indicate the applicable Contract No., SEATASK No., and Authorization Document.

BLOCK 7 - RECOMMENDED NOMENCLATURE OF ITEM: The recommended name and type designation of the item. The name of the item should be limited to 24 characters.

BLOCK 8 - ASSIGNED NOMENCLATURE OF ITEM: The assigned name and type designation of the item. (To be completed by NSWC Indian Head.)

BLOCK 9 - TECHNICAL DATA: As applicable, enter the following functional and physical characteristics or features and technical information on the item being nomenclatured. Data "a", "b", "g", "h", and "i" are mandatory for all NARs. All data provided on this form should be considered UNCLASSIFIED.

- a. Technical Characteristics: Provide a functional description of the item and include any technical characteristics pertinent to the item which are required for a complete understanding of the item's operating parameters.
- b. Operating Power Requirements: Give AC or DC voltage, hertz, phase, current, etc.
- c. Overall Dimensions and Weight: Identify the overall dimensions and weight.
- d. Mounting Data: Identify any unique mounting configurations.
- e. Material Data: List the kind of material of which the item is constructed.
- f. Special Features: List unusual characteristics which are essential for identification.
- g. Interchangeability: Identify the functional and physical interchangeability features, as applicable.
- h. Similar Items: When a new MOD number is requested, characteristics that are considered to justify a new MOD number shall be described in detail. A complete statement shall also be included similar to the following: "This item is similar to the MOD _____ except that _____."
- i. Component Data: List the subsystem components that make up the item being nomenclatured. The components will be identified by name and Drawing or Part Number. Identify the quantity of each component item listed.
- j. Design Activity Data: - Name and address of Design Activity - CAGE Code
- k. Manufacturer's Data (if known): - Name and address of Manufacturer - CAGE Code and Top Assembly Drawing No.
- l. If NAR form action requested is a "Revision" or "Cancellation", indicate by referencing the source request number of the previously approved NAR form.

BLOCK 10 - GOVERNMENT SPECIFICATION NO.: Self Explanatory.

BLOCK 11 - CAGE CODE AND TOP ASSEMBLY DRAWING NO.: Self Explanatory.

BLOCK 12 - EQUIPMENT OF WHICH THIS ITEM IS A PART: The next higher assembly for which the item is a part.

BLOCK 13 - EQUIPMENT WITH WHICH THIS ITEM IS USED: The major system or equipment application on which the item is used.

BLOCK 14 - COGNIZANT PROGRAM OFFICE CONCURRENCE: The designated Government Program Office Representative having technical and life cycle responsibility for the item being nomenclatured.

BLOCK 15 - NAR PROCESSOR CONCURRENCE: To be completed by the NAR processor, NSWC Indian Head.

BLOCK 16 - APPROVAL OF NOMENCLATURE ASSIGNMENT: Indicates approval of the nomenclature assignment made in Block 8. (To be completed by NSWC Indian Head, Code 370.)

NAVSEA 5030/1 (Rev. 3-92) (Back)

Figure 3-1 (Con't). NAVSEA 5030/1 (Back)

SECTION 4
Procedures for Obtaining Missile All-Up-Round
Nomenclature and Serial Number Assignments

4.1 Nomenclature Requests

a. Requests for assignment, revision, or cancellation of missile All-Up-Round (AUR) nomenclature (i.e., Mission Design Series (MDS) Type Designation plus Popular Name) are prepared in letter format per reference (k). Figure 4-1 is a sample letter showing the required information for each new nomenclature request.

b. The request originator (i.e., the government program office, supporting shore activity, or contractor) will submit the completed nomenclature request will be submitted to Naval Surface Warfare Center (NSWC), Indian Head Division, Code 370, Indian Head MD for review, processing and centralized identification control purposes.

c. NSWC, Indian Head Division will

(1) Assign a unique source request number to each missile AUR nomenclature request and determine the proper disposition of each.

(2) Forward all nomenclature requests involving a new design number or series symbol assignment (i.e., an alpha suffix to the immediate right of the design number) and all popular name requests to Naval Air Warfare Center (NAWC), Aircraft Division, Code SR33, Lakehurst, NJ for review and processing.

(3) Review and approve all missile AUR nomenclature requests involving a configuration or component number assignment (i.e., a number separated by a dash to the immediate right of the series symbol). This request should provide sufficient technical information for distinguishing the differences between other dash numbers. Popular names and the applicable vehicle series, such as missile or rocket indicated on submitted nomenclature requests, should be as approved and identified in reference (1). The component number assignment requests can be submitted using a DD Form 61, Figure 2-1.

(4) Record the approved missile AUR nomenclature and associated configuration data in the Nomenclature Identification and Configuration System (NICS) data base and inform both the request originator and cognizant program manager of the approved nomenclature assignment.

d. NAWC, Aircraft Division is the Navy's single point of contact for missile AUR nomenclature inquiries and interface with the Department of Defense Office of Primary Responsibility (OPR), Headquarters, United States Air Force. NAEC, Aircraft Division is responsible for:

(1) Reviewing requests for missile AUR nomenclature received from NSWC, Indian Head Division and forwarding them to the United States Air Force Systems Command, Aeronautical Systems Division (ASD/ENES), Wright Patterson Air Force Base, Dayton, OH for processing and approval. ASD/ENES is responsible for maintaining approved missile AUR nomenclature and associated data in reference (1).

(2) Forwarding approved missile AUR nomenclature assignments to NSWC, Indian Head Division, Code 370.

4.2 Serial Number Assignments

a. Government serial number assignments for nomenclatured missile AURs are required per reference (k). These numbers are normally assigned and maintained by the responsible government activity which assembles the missile AUR or can be requested from NSWC, Indian Head Division, Code 370. NSWC, Indian Head Division and the cognizant program manager should be informed of each missile AUR serial number assignment provided by the government activity assembling the missile. Serial number requests originated by a contractor will be prepared following the data format and content provided in Data Item Description (DID) DI-CMAN-81213 and as specified in the contract.

b. NSWC, Indian Head Division will review each request it receives and provide a unique serial number assignment to each missile AUR being assembled at a particular activity.

c. NSWC, Indian Head Division will forward the approved missile AUR serial number assignment(s) to the request originator and to the cognizant program manager.

d. NSWC, Indian Head Division will record all missile AUR approved serial number assignment(s) and associated configuration data in the NICS data base.

4.3 Identification Plate Information Requests to review and approve identification plate drawings or equivalent should be forwarded to the cognizant program office or designated representative for processing. Identification plate or stenciled identification information should reflect the approved nomenclature and government serial number assignment of the missile AUR.

4130
OPR: _____
Ser: _____/_____

From: Requesting Activity
To: Commander, Naval Surface Warfare Center, Indian Head
Division (Code 370), Indian Head, MD. 20640-5035
Subj: REQUEST FOR ASSIGNMENT OF MISSILE ALL-UP-ROUND (AUR)
NOMENCLATURE FOR (Appropriate Missile AUR)
Ref: (a) NAVSEAINST 4130.X, Identification Practices for
Systems, Equipment, Computer Software and Firmware
(b) NAVAIRINST 8800.3C1, Designating and Naming Defense
Equipment, Military Aerospace Vehicles

1. In accordance with references (a) and (b), request Missile AUR nomenclature (i.e. Mission Design Series (MDS) Type Designation plus Popular Name) assignment for the (Appropriate Missile AUR). The following information is provided as required by reference (b):

a. Recommended MDS: (Enter the complete MDS desired for the new designation. The MDS shall be developed per reference (b) of this letter.)

b. Popular Name: (Enter the recommended Popular Name. List the first, second and third choice for a Popular Name in order of preference. The name should be no more than two short words characterizing the mission and operational qualities of the weapon or vehicle.)

c. Design Activity: (Enter the name of the design activity.)

d. Manufacturer: (Enter the name of the manufacturer, if known.)

e. Engine Data: (Identify the number, type and designation of Engines or Propulsion Sections.)

f. Military Service or Department: (Self explanatory, normally Navy.)

g. Top Assembly or Arrangement Drawing Number: (Self explanatory.)

h. Description: (Enter a short, unclassified, distinctive description of the missile AUR or vehicle.)

2. The (Requesting Activity/Agency) point of contact is (Name, Code and Phone Number).

Figure 4-1. Sample Letter Requesting Missile AUR Nomenclature.

SECTION 5
Procedures for Assigning
Hull, Mechanical, and Electrical (HM&E)
Systems and Equipment Nomenclature and Serial Numbers

5.1 Hull, Mechanical and Electrical (HM&E) Systems and Equipment Identification

a. One of NAVSEA's standardization goals is to promote maximum commonality of HM&E systems or equipment installed on ships of the active Fleet. The tool used to help obtain this goal is the HM&E Equipment Data Research System (HEDRS) Compact Disk-Read Only Memory (CD-ROM), and in the near future, the Component Item Characteristics (CICs) System.

b. The HEDRS CD-ROM is a compilation of data bases and user friendly, menu-driven programs contained on a single CD-ROM which can be used with any IBM compatible desk top personal computer. The HEDRS is maintained by the Naval Sea Logistics Center (NAVSEALOGCEN). The CICs System is an on-line, main frame computer data base that is available through the Inventory Control Point Network (ICPNET). This system is also maintained by NAVSEALOGCEN and is updated continuously. Both the HEDRS and CICs System contain the standardized nomenclatures for all existing HM&E equipments employed in the active fleet along with other identifying data including the physical characteristics required to identify the type and configuration of the system or equipment. Each unique standardized nomenclature has a 48 character equipment identification (i.e., noun name plus physical characteristics) which is assigned a unique CICs number. The CICs System will automatically assign a CICs number when a new equipment is added to the system. The CICs number consists of the Unit Identification Code (UIC) of the activity who first entered the equipment into the data base and a unique 15 character sequential number. Additional detailed information on the CICs System and concept can be found in reference (m).

c. To achieve the objectives of standardization, the HM&E procurement activities (i.e., Life Cycle Managers, Acquisition Managers, Shipbuilders, Ships Parts Control Center (SPCC) managers, etc.) should plan for, purchase and install, to the maximum practical extent, standard or standard design HM&E equipment. Procurement activities should review the HEDRS CD-ROM or the CICs System for existing HM&E equipment assets that can satisfy current application requirements before deciding to acquire a new equipment. This determination could minimize the life cycle expense of introducing and establishing full support for a new equipment in the fleet and the Navy inventory. If an HM&E equipment can not be identified in the HEDRS CD-ROM or the CICs System that will satisfy the current application

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requirements, a standardized nomenclature for the new equipment will need to be established at the time of the initial procurement per paragraph 5.2.

d. The standardized nomenclature established in the CICs System will help identify standardized HM&E equipment. The noun name portion of the established nomenclature should agree with the name used on all applicable equipment technical and logistics data such as engineering drawings and technical manuals, and on the identification plate or manufacturers name plate affixed to the equipment.

5.2 Nomenclature Assignment Process

a. For an initial HM&E equipment procurement, the purchasing activity will include in the contract as part of the provisioning requirements data, the format and content for obtaining the equipment noun name and specific physical characteristics data from the manufacturer. The set(s) of characteristics data should be similar to that being recorded and maintained in the CICs System.

b. The purchasing activity will forward the provisioning requirements data delivered under contract to the provisioning activity (i.e., the designated Technical Support Activity (TSA)).

c. The provisioning activity will use the identified HM&E equipment noun name, physical characteristics data and Lead Allowance Parts List (APL) to establish the standardized nomenclature for the new equipment.

d. The provisioning activity will record the established nomenclature in the CICs System. This nomenclature will also be used as the Navy APL nomenclature. The noun name portion of the assigned nomenclature will serve as the INAVY Name.

e. NAVSEALOGCEN will validate the completeness and structure of the data in the CICs System. If the entered nomenclature is not acceptable, NAVSEALOGCEN will inform the responsible provisioning activity and request them to correct any discrepancies.

5.3 Serial Number Assignments

a. HM&E systems and equipment are not subject to centralized government serial number assignment and control.

b. Program managers that require government serial number assignment for their HM&E systems and equipment will establish, manage and control their own assignment system within their respective program.

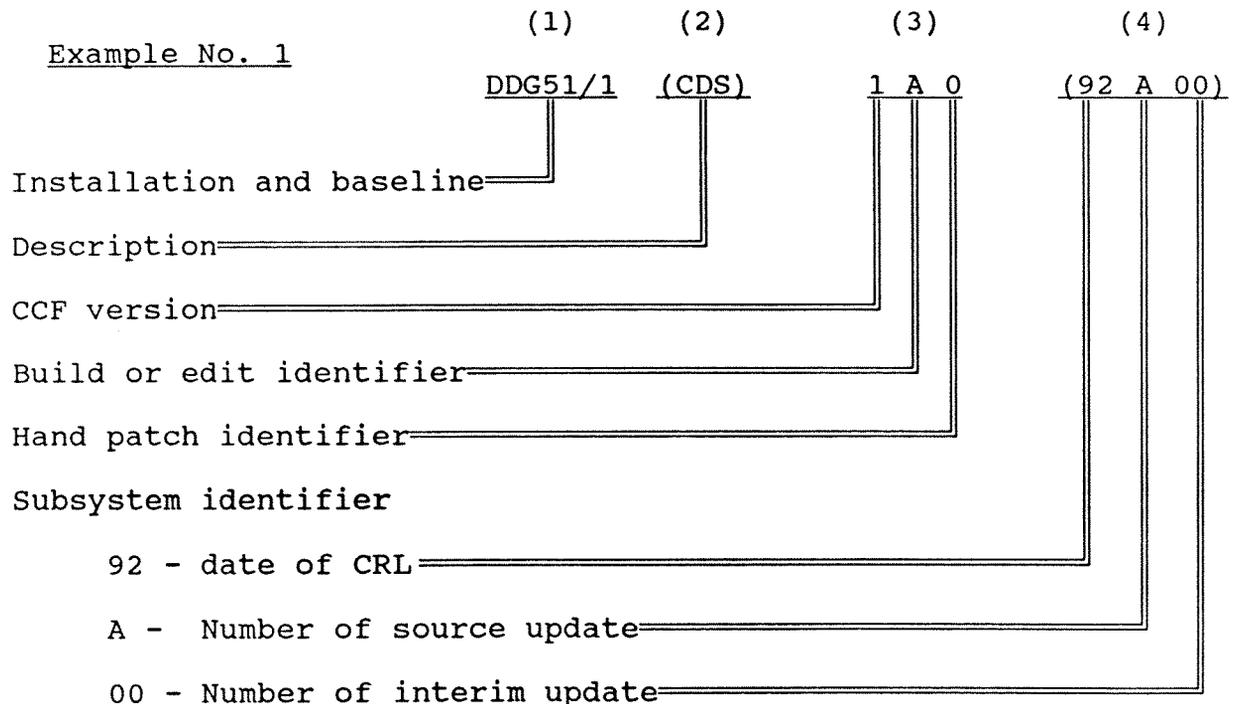
SECTION 6
Procedures for Assigning Computer Software
and Firmware Identification Numbers

6.1 Computer Software Identification Each system or equipment program's method of identifying computer software and associated documentation varies according to the needs of the program office. In this regard, computer software identification can differ from the procedures followed in assigning nomenclature to computer hardware systems. While the requirements of reference (n) focuses on computer software identification in terms of a Computer Software Configuration Item (CSCI), these requirements may be selectively applied to the development of software not identified as a CSCI (i.e., software portions of hardware configuration items and firmware and non-deliverable software). In these cases, the term CSCI may be interpreted as referring to the selected software.

6.2 CSCI Identification Number Assignment

a. The specific means of identifying computer software developed per reference (n) is normally left to the developing agency (i.e., the responsible government program office or supporting shore activity). For contractor developed computer software, the identification scheme for a particular computer software program should be specified in the contract.

b. CSCI identification numbers should uniquely identify each CSCI. Two CSCI numbering schemes are as follows:



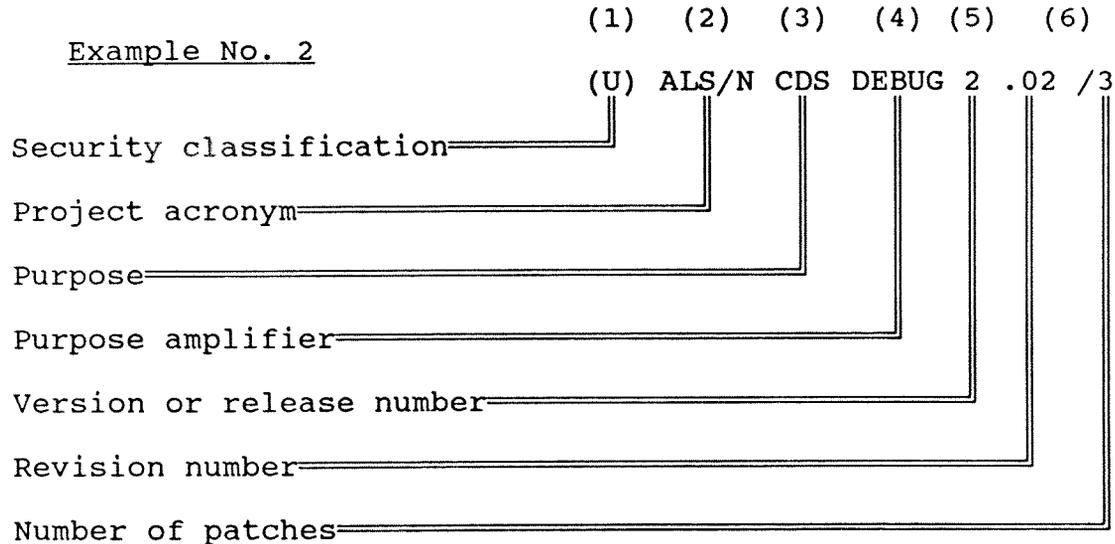
(1) Ship hull number and software baseline. If no baseline exists the slash and number will not appear.

(2) Description of the software (i.e. a system tape for the Combat Direction System (CDS)). This field is used to describe the purpose of the tape and will be enclosed in parenthesis.

(3) For hull specific tapes, the system version of the software, to include the Configuration Control File (CCF) Version, the Build or Edit Identifier, a serial alphabetic character which is incremented each time an edit or a build is completed or the program is recompiled, and a hand patch identifier (or if a non-system software, the date (MMDDYY) of the non-system program, e.g., 070592 for July 5, 1992).

(4) Any subsystem used in creating the software. This field is used to identify a related subsystem that was used in the creation of the product contained on the tape or a remark to further define the tape. This field is enclosed in parenthesis.

For the example above, the CSCI number DDG51/1(CDS)1A0(92A00) identifies software for installation on DDG-51 class ships, baseline 1; system software for the Combat Direction System; the first iteration of the configuration control file; the initial compilation of the program file; no patches to the file; and a 1992 dated Common Reusable Library (CRL) having no source updates and no interim updates.



(1) Security classification of the software (e.g., "U" for "Unclassified").

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(2) Project acronym assigned for use with the program (e.g., "ALS/N" for "Ada Language System/Navy").

(3) Purpose of the software (e.g., system or non-system software, or the software inventory number based on the agreed upon software inventory numbering system).

(4) Purpose amplifier (e.g., "LINKR", "DEBUG", etc.).

(5) Version or release number of the software.

(6) Revision number, such as a designator for the number of times the program is recompiled, and a patch identifier (or if a non-system software, the date of the non-system program).

For the example above, the CSCI number (U) ALS/N-CDS-DEBUG-2.02/3 identifies software that is Unclassified, is an Ada compiled system software for the Combat Direction System, is used in DEBUG operations, is the second release of the software with two revisions and 3 patches.

6.3 Computer Software Documentation Identification

a. The developing agency for the computer software will normally develop and identify the applicable computer software documentation. This documentation should contain at least the following identification:

(1) The CSCI identification number.

(2) The purpose of the document.

(3) The change status of each page of the document.

(4) Sequence numbering such that future changes can be specified.

(5) Visual and machine readable identification.

b. The CSCI identification number, date of original issue, revision or change number, and date of revision or change should be shown in the upper right corner of the title page of all final documents. A sample computer software document cover sheet is shown in Figure 6-1.

6.4 Computer Firmware Identification

a. The specific means of identifying computer firmware is normally left to the developing agency (i.e., the responsible government program office or supporting shore activity). For contractor developed computer firmware, the identification scheme for a particular computer firmware item should be specified in the contract.

b. The configuration of any firmware embedded in an associated hardware item should be documented as a part of the hardware item documentation (e.g., drawings, test procedures, etc.). Therefore, any change in firmware will require a change in the hardware configuration which can be identified by a revision to the applicable drawing or part number. Any scheme that adequately identifies firmware revision levels with attendant hardware is sufficient. An example is as follows:

" 72341000-00 " - Representing a manufacturer's part number for a Circuit Card Assembly (CCA) that performs, for example, input/output control functions.

For the example above, the "-00" identifies the first hardware revision level of the CCA, which in this case would be the initial "version" of this CCA. A "dash" level of "-01" following the same basic or part number would indicate the first revision of the hardware or firmware portion of the CCA. The drawing itself would help identify if the change was hardware, firmware or both.

6.5 Computer Firmware Documentation Identification

a. The developing agency for the computer firmware will normally develop and identify the applicable computer firmware documentation.

b. The documentation associated with the computer firmware, such as truth tables, test program sets, or technical repair standards, should include the assigned identification number of the hardware item that identifies the revision level of the embedded firmware, if any.

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CSCI No.: DDG51/1(CDS)1A0(92A00)
Original Issue Date:
Revision/Change No.: None

VERSION DESCRIPTION DOCUMENT

FOR THE
(PROJECT NAME)

CONTRACT NO. (contract number)

CDRL SEQUENCE NO. (CDRL number)

(Date of document - Day Month Year)

(Distribution Statement)

Prepared for:

(Contracting Agency Name, Department Code)

Prepared by:

(Contractor Name and Address)

Figure 6-1. Sample Computer Software Document Cover Sheet

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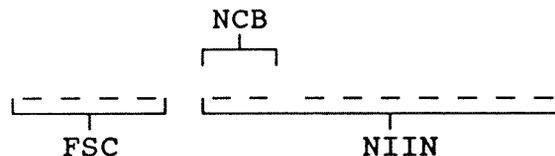
SECTION 7
 Procedures for Obtaining National
 Stock Numbers

7.1 Item Identification

a. It is important to understand the terminology used to identify an item of supply. These material items are often identified by a reference number or part number, National Stock Number (NSN), National Item Identification Number (NIIN), Navy Item Control Number (NICN) and Cognizance Symbol.

b. For proper material identification, reference numbers and part numbers must always be accompanied by their applicable Commercial and Government Entity (CAGE) code. This code is a five-digit number which is assigned to an individual supplier, manufacturer, corporation or government activity. The CAGE code was previously called the Federal Supply Code for Manufacturers (FSCM).

c. The NSN is a 13 digit number composed of a four digit Federal Supply Classification (FSC) and a "stand-alone" nine digit NIIN. The FSC identifies the item to a category of material. The National Codification Bureau (NCB) code makes up the first two digits of the NIIN and indicates the North Atlantic Treaty Organization (NATO) country that cataloged the item. NCB codes of 00 and 01 are assigned to the United States. The NSN is structured as follows:



d. A NICN has the same general structure as an NSN, however the NCB code of the NICN will be LL. A Temporary NICN (T-NICN) is assigned to items of supply that will be cataloged and assigned an NSN by the Defense Logistics Services Center (DLSC). A Permanent NICN (P-NICN) is used for controlling material moving through the DOD supply or transportation system and is assigned to items not meeting criteria for NSN assignment, such as field or engineering change kits and Installation and Checkout (INCO) kits.

e. The Cognizance (Cog) symbol is a two-position numeric-alpha code used by the Navy to designate the type of funds used to purchase an item and to identify the inventory manager of the item. An odd number in the first position designates that the item is carried in the Navy Stock Fund (NSF) and must be paid for by a customer. An even number indicates the item has been paid for with end use money (i.e., OPN, WPN, etc.) and is issued

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without charge to the user. The Cog is often used as a prefix for the NSN to more completely identify an item. Examples of Cogs under the inventory management of NAVSEA or with NAVSEA technical responsibility are:

<u>Cog</u>	<u>Inv Mgr</u>	<u>Tech Resp</u>	<u>Description</u>
2F	NAVSEA	NAVSEA	Major shipboard electronic equipment
2J	NAVSEA	NAVSEA	Major ordnance equipment
2S	NAVSEA	NAVSEA	Major hull, mechanical and electrical equipment
2T	SPCC	NAVSEA	Surface/Underwater ammunition
4T	SPCC	NAVSEA	Torpedoes and associated components
6T	NMWEA	NAVSEA	Selected mine items
8S	NAVSEA	NAVSEA	SUBROC and Mobile Submarine Simulator (MOSS) material
8T	NSWSES	NAVSEA	Surface launched guided missiles and components

7.2 Cataloging

a. Cataloging is the term used when addressing the formal material identification process for items of supply. It consists of the specific methods by which an NSN is obtained for an item of supply, along with the collection, compilation, and publication of related management data which further identifies the item. NAVSEA Item Managers (IMs) are responsible for initiating the cataloging action for their assigned items. In general, cataloging actions will be initiated for items of supply which meet any of the following criteria:

(1) Are designated as NAVSEA managed Configuration Items (CIs) per references (a) and (b).

(2) Are selected for NAVSEA management, procurement, and stockage.

(3) Are to be stocked in the Federal Supply System.

(4) Have existing or projected demand data which indicates to the IM there will be recurring demand for the item.

b. The following cataloging procedures reflect the current way of doing business within the NAVSEA community. Planned efforts to streamline the process and provide a capability to submit NSN requests electronically are currently being studied.

7.3 Request for NSN Assignment

a. For 2F, 2J and 2S Cog Items

(1) The NSN request originator (i.e., the cognizant IM) will complete the two page NSN Item Identification Worksheet (Figure 7-1) and follow the Item Identification Worksheet Preparation Instructions per paragraph 7.4.

(2) In completing the worksheet, the request originator will specifically request either a T-NICN, for those items receiving an NSN, or a P-NICN for those items not receiving an NSN but identified for material control purposes. The request originator should work with engineering personnel or cognizant system or equipment life cycle manager to determine the proper and accurate data entries on the worksheet.

(3) The request originator will submit each completed worksheet to NAVSEA 04MS for processing and centralized identification control purposes.

(4) NAVSEA 04MS will review completed worksheets for accuracy and completeness and assign the T-NICN or P-NICN, as appropriate. NAVSEA 04MS will maintain a control record of each NICN assignment and date assigned.

(5) NAVSEA 04MS will enter the completed worksheet information into the Master Data File (MDF) of the Uniform Inventory Control Point (UICP) Automated Data Processing Computer System.

(6) Following data entry in the MDF, NAVSEA 04MS will return all submitted worksheets to the request originator for their retention.

(7) NAVSEA 04MS will request the Navy Ships Parts Control Center (SPCC) to take action to obtain an NSN from DLSC for uniquely assigned T-NICN material items.

(8) SPCC will query the worksheet information for a particular T-NICN material item from the MDF and forward the NSN request to DLSC for official assignment.

(9) Upon receipt of the NSN assignment from DLSC, SPCC will prepare and forward an NSN notification letter to NAVSEA 04MS.

(10) NAVSEA 04MS will inform the request originator and/or appropriate IM of all NSN assignments.

b. For 2T, 4T, 6T, 8S and 8T Cog items

(1) The NSN request originator (i.e., the cognizant program manager or designated IM) will prepare requests for NSN assignment per reference (o) using Navy Ships Parts Control Center (SPCC) 8010/57, Cataloging/Identification/Disposition Request, Figure 7-2.

(2) If explosive ordnance is involved, the request originator will submit the completed SPCC 8010/57 to NAVSEA ordnance transportation office (SEA 06T) for review. NAVSEA 06T will review the NSN request from a transportation safety and security point of view and will ensure the request is in compliance with current Department of the Navy (DON) and Department of Transportation (DOT) regulations.

(3) The request originator or NAVSEA 06T will then submit the NSN request to SPCC (Code 8523) for review and processing.

(4) If requested, SPCC will also assign the appropriate Navy Ammunition Logistics Code (NALC) per reference (o) before forwarding the NSN request to DLSC for official assignment.

(5) Upon receipt of the approved NSN assignment from DLSC, SPCC will prepare and forward an NSN notification letter to the request originator, program manager and cognizant IM.

ITEM IDENTIFICATION WORKSHEET

NIIN or NICN: _ _ _ _ _ MATL MGR: _ _ _ _ _

Check Reason For Identification:

- ___ New item requiring supply support
- ___ New item not requiring supply support
- ___ Field Change kit, mod kit, parts kit
- ___ Rollback to stock for insurance
- ___ Rollback to stock for program requirements
- ___ CFE return to stock for system support
- ___ Other; explain (e.g. a SHIPALT item)

<u>DATA</u>	<u>DATA</u>
LRC: _ _ _ 0 1	FSC: _ _ _ _
Unit Price: _ _ _ _ _ .0 0	PMIC: _
Repair Price: _ _ _ _ _ .0 0	Iss/Restrict: _ _
RPR MOD: N N N _	SMCC: _
COG SYM: _ _	DEMIL: _
MCC: _	MOE Rule: _ _ _ _
SMIC: _ _	MOVE PRI DSGR: _ _
	DOP/CP #1: _ _ _ _ _

Item Name (19 Char):
_ _ _ _ _

INAVY Name (24 Char):
_ _ _ _ _

UOI: _ _	DOP/CP MOD #1: _
CIIC: _	DOP/CP #2: _ _ _ _ _
TY STOR: _	DOP/CP MOD #2: _
Shelf Life: _	DOP/CP #3: _ _ _ _ _
Shelf Life Act: _ _	DOP/CP MOD #3: _

Figure 7-1. Item Identification Worksheet (Page 1).

ITEM IDENTIFICATION WORKSHEET (Continued)

NIIN or NICN: - - - - -

MATL MGR: - - - - -

1. Additional description of the item identified by the Item Name or INAVY Name:

2. The JETDS (for 2F Cog) or MARK and MOD (for 2J Cog) Type Designation accompanying the applicable Item Name or INAVY Name:

3. The approved parent item nomenclature (name and type designator) for the 2F Cog or 2J Cog item:

4. The manufacturer's CAGE code and part no. or drawing no. # 1:

— (CAGE) — _____

5. The manufacturer's CAGE code and part no. or drawing no. # 2:

— (CAGE) — _____

6. The applicable purchase order or contract number:

CATALOGING/IDENTIFICATION/DISPOSITION REQUEST
SPCC-8010/57 (REV 12-88) (LOCAL)

NAVSEAINST 4130.16

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See Reverse Side for instructions for completion of this form.
Use Page 2 of 2 (Continuation Sheet) if required.

FROM (Originator)					TO: NAVY SHIPS PARTS CONTROL CENTER (CODE 85) 5450 CARLISLE PIKE P.O. BOX 2020 MECHANICSBURG, PA 17055-0788				
1. PURPOSE <input type="checkbox"/> ASSIGNMENT <input type="checkbox"/> IDENTIFICATION <input type="checkbox"/> REVISED DATA <input type="checkbox"/> DISPOSITION <input type="checkbox"/> DELETION		2. DATE		3. REQUEST NUMBER					
		4. DESIGN CONTROL ACTIVITY		5. MANUFACTURER'S ADDRESS/FEDERAL SUPPLY CODE					
6. COG - NSN - DODIC/NALC					7. AMMO CLASS		8. SECURITY CLASS		
9. UNIT OF ISSUE		10. UNIT PRICE		11. ITEM WEIGHT		12. DEMIL CODE		13. PRECIOUS METAL & CONTENT VALUE	
14. LENGTH	15. WIDTH		16. HEIGHT	17. DIAMETER		18. CUBE	19. LNC	20. SERVICE LIFE	
21. QUANTITY ON HAND			22. CONDITION CODE			23. SLC	24. SLAC		
25. CONT/P.O.P./R.P.P.S./MIRP NO		26. DRAWING/PART/REFERENCE NO		27. FEDERAL SPECIFICATION DATA		28. MATERIAL CONTROL CODE			
29. NOMENCLATURE/DESCRIPTION DATA MK AND MOD									
30. NEXT HIGHER ASSEMBLY, INTERCHANGEABLE OR SUBSTITUTABLE WITH REPLACEMENT FOR									
31. PACKAGING DATA UNIT PACK	WEIGHT	LENGTH	WIDTH	HEIGHT	DIA	QTY. PER PACK	CONTAINER MODEL & EMPTY WEIGHT		
SHIPPING CONDITION									
PALLETIZED LOAD									
32. HIGH EXPLOSIVE WEIGHT					33. PROPELLANT WEIGHT				
34. PYROTECHNIC WEIGHT					35. REMARKS				
36. SIGNATURE/CODE (Originator)									
TO: NAVY SHIPS PARTS CONTROL CENTER CODE 85 WASHINGTON, D.C. 20362-5101 (SEE NOTE ON REVERSE SIDE FOR ROUTING)				SIGNATURE/CODE		DATE		SIGNATURE/CODE	DATE
37. F/F GROUP	WEIGHT CLASS	39. Q-D/SC	40. UFCC	41. NMFC	42. SRC	43. LABEL/PLACARD	44. DOT CLASS	45. UNO SERIAL NO	
46. DOT MARKING & SHIPPING NAME CODE				47. DOT CLASS CODE		48. DOT LABEL CODE			
49. GBL DESCRIPTION					50. DOT CONTAINER MARKING				
FROM: NAVY SHIPS PARTS CONTROL CENTER (CODE 85) 5450 CARLISLE PIKE P.O. BOX 2020, MECHANICSBURG, PA 17055-0788				SIGNATURE/CODE		DATE			
TO:				REMARKS					

Figure 7-2. Cataloging/Identification/Disposition Request (SPCC 8010/57) Front

INSTRUCTIONS FOR PREPARATION OF CATALOGING/IDENTIFICATION/DISPOSITION REQUEST

1 **GENERAL** These instructions apply to the form shown on the obverse and the separate form continuation sheet, which will be utilized for requesting NSN and/or DODIC/NALC assignments, and additions, deletions or changes of technical logistic data to an existing assigned NSN and/or DODIC/NALC or disposition information.

NOTE - Cataloging/Identification/Disposition requests identifying INERT material will be forwarded directly to SPCC Code 85. Cataloging/Identification/Disposition requests identifying EXPLOSIVE material will be forwarded to NAVSEA Code 06T1 for assignment of transportation safety data to items 37 thru 50.

2. **ORIGINATOR OF REQUESTS WILL:**

a. Except for cognizance OT material, prepare original and two copies of each request, forward original and one copy to SPCC (Code 85) and retain one copy in file. For cognizance OT material prepare original and three copies, forward original and two copies to SPCC (Code 85) via Commandant of the Marine Corps (LMG) and retain one copy in file.

b. Attach applicable drawings and/or documentation as enclosures to the request.

c. Enter on the request the applicable or appropriate data listed in the following numbered sub-paragraphs, which correspond to similarly numbered data blocks on the request form on the obverse, and the separate form continuation sheet. All data is required to fully catalog the item in accordance with DOD 4100.39M. Missing data will cause reject to originator.

(1) **PURPOSE** - Indicate under purpose whether request is for assignment of NSN to item, identification of item, revision of technical data, disposition request or deletion.

(2) **DATE** - Date request was prepared and transmitted.

(3) **REQUEST NUMBER** - Consecutively numbered within each calendar year, by each submitting activity, e.g., 88-1.

(4) **DESIGN CONTROL ACTIVITY** - Activity responsible for design, redesign or development of the item.

(5) **MANUFACTURER'S ADDRESS/FEDERAL SUPPLY CODE** - Name and address of the manufacturer of the item, the Federal Supply Code for Manufacturer if known.

(6) **COG - NSN - DODIC/NALC** - Cognizance Symbol, NSN - National Stock No. and/or DODIC/NALC - Department of Defense Identification Code or Navy Ammunition Logistics Code.

(7) **AMMO CLASS** - Ammunition Class Code, IAW Para. 2.1-3, Chapter TWO of AA-ORD-01M.

(8) **SECURITY CLASS** - Security Classification of the item.

(9) **UNIT OF ISSUE**

(10) **UNIT PRICE**

(11) **ITEM WEIGHT** - Item Weight in pounds to two decimal position.

(12) **DEMIL CODE** - Indicates demilitarization requirements for items subject to disposal.

(13) **PRECIOUS METAL** - Enter precious metal type and content (grams, grains, ounces, etc.)

(14) **LENGTH** - Item Length in inches to two decimal position.

(15) **WIDTH** - Item Width in inches to two decimal position.

(16) **HEIGHT** - Item Height in inches to two decimal position.

(17) **DIAMETER** - Item Diameter in inches to two decimal position.

(18) **CUBE** - Item Cube in feet to three decimal position.

(19) **LRC** - Local Routing Code of the Inventory Manager for the item.

(20) **SERVICE LIFE** - Expressed in months.

(21) **QUANTITY ON HAND** - As stated.

(22) **CONDITION CODE** - As stated.

(23) **SLIP SHELF LIFE CODE** - Interval of time beyond which an item will be unsatisfactory for use.

(24) **SLIP SHELF LIFE ACTION CODE** - Notes action to be taken at the expiration of the shelf life period of an item.

(25) **CONTRACT, P.O., P.O. ORDER, PROJECT ORDER, PROCUREMENT REQUEST, PROCUREMENT PROGRAM SHEET OR Military Interdepartmental Purchase Request Number.**

(26) **DRAWING PART/REFERENCE NO.** - Applicable Drawing, Part or Reference No.(s), General arrangement drawing.

(27) **FEDERAL SPECIFICATION DATA** - Applicable Federal or Military Specification.

(28) **MATERIAL CONTROL CODE** - Designates Serial/Lot number reporting in CAJMS. "C" = Ser No. Control, "B" Lot No. Control.

(29) **NOMENCLATURE/DESCRIPTION DATA MK AND MOD** - Nomenclature and Description of the Item/including MK/MOD.

(30) **Provide Next Higher Assembly, I & S data or replacement data.**

(31) **PACKAGING DATA** - Packaging Data applicable to the item for each condition.

(32) **HIGH EXPLOSIVE WEIGHT** - The total weight in pounds for all types of high explosive contained in this item.

(33) **PROPELLANT WEIGHT** - The total weight in pounds for all types of propellants contained in this item.

(34) **PYROTECHNIC WEIGHT** - The total weight in pounds for all types of pyrotechnics contained in this item.

(35) **REMARKS** - List all drawings or documentation included as enclosures. Any holding activity requesting identification shall include quantity on hand or due-in, known uses or application of the item, document number on which due-in or acquired, condition of material, cost, and the source of the material, i.e., local purchase, turn-in, receipt from ICP contract or shipping order, etc., known requirements for the next 12 months, if any, are to be stated.

(36) **SIGNATURE/CODE** - Originator's signature and code.

NOTE: Stamp the appropriate security classification (Confidential or Secret) on all copies of the request form and/or enclosures thereto, when such data contained thereon is so classified. The request will be processed in accordance with current applicable security regulations for the handling, transmitting and storing of classified data.

7.4 Item Identification Worksheet Preparation Instructions

a. Item Identification Worksheet (Page 1). A description of each data field on page 1 of Figure 7-1 is provided below:

NIIN or NICN: Complete only the first five spaces of this block to identify whether a permanent or temporary NICN is required (e.g., LLHAL or LLHA3). The last four spaces will be completed by the designated NAVSEA NICN control office.

	<u>2F</u>	<u>2F (Sonar)</u>	<u>2J</u>	<u>2S</u>
Permanent (NICN)	HBL	HBL5	JKL	HAL
Temporary (NICN)	HB3	HB5	JK3	HA3

When requesting a NICN use "LL" as a prefix.

MATL MGR (Material Manager): Enter the first five digits of your assigned NAVSEA Code followed by your initials (e.g., 56YF9JKP).

LRC (Local Routing Code): Identifies the IM for the item. Controls the flow of requisition processing within NAVSEA. Enter the proper LRC for the cognizant IM.

Unit Price: Enter the standard unit price (dollars only).

Repair Price: Enter the repair price when MCC equals "H". If unknown, enter 1/2 of the Unit Price.

RPR MOD (Repair Maintenance Overhaul Designator): Enter the code from table 1 in paragraph 7.5 to control item turn-in.

COG SYM (Cognizance Symbol): Enter 2F, 2J, 2S as appropriate.

MCC (Material Control Code): Enter the code from table 2 in paragraph 7.5.

SMIC (Special Material Identification Code): Enter the applicable SMIC from table 3 in paragraph 7.5.

Item Name: Enter the approved Item Name as defined in paragraph 1.2 or as proposed in accordance with Chapter 2, Volumes 3 and 4 of reference (d). Nineteen characters only.

Item Name Navy (INAVY): Enter the assigned name as defined in paragraph 1.2. Twenty four characters only.

UOI (Unit of Issue): Enter unit of issue from table 4 in paragraph 7.5.

CIIC (Controlled Inventory Item Code): Enter the security classification code and/or security risk or pilferage code from table 5 in paragraph 7.5.

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TY STOR (Type of Storage): Enter the type of storage code from table 6 in paragraph 7.5.

Shelf Life: Enter the code from table 7 in paragraph 7.5.

Shelf Life Action: Enter the code from table 8 in paragraph 7.5.

FSC (Federal Supply Class): Enter the recommended FSC from Handbook H2-1, Federal Supply Groups and Classes. Also refer to Handbook H-6, Federal Item Name Directory for Supply Cataloging, reference (c).

PMIC (Precious Metals Indicator Code): Enter the code from table 9 in paragraph 7.5. Code A will be used if left blank.

Iss/Restrict (Issue/Restriction): Enter the requisition or issue restriction code from table 10 in paragraph 7.5.

SMCC (Special Material Content Code): Enter the code from table 11 in paragraph 7.5. Code E is mandatory when PMIC is coded with other than A.

DEMIL (Demilitarization): Enter the code from table 12 in paragraph 7.5.

MOE Rule: Represents a specific Major Organization Entity (MOE) rule and applies to the Primary Inventory Control Activity (PICA) having wholesale management responsibilities for an item or group of items:

<u>COG</u>	<u>MOE RULE</u>
2F	N2F4
2J	N2J4
2S	N2S4

* MOVE PRI DSGR (Movement Priority Designator): Enter the Priority Designator code from table 13 in paragraph 7.5.

* DOP/CP (Designated Overhaul Point/Collection Point): If MCC equals H, enter the Unit Identification Code (UIC) identifying the Navy repair activity(s) and turn-in activity(s).

* DOP/CP MOD (Designated Overhaul Point/Collection Point Modifier): Enter one of the codes below to identify either a DOP or CP Activity:

0	Commercial Repair Facility
1	Collection Point
2	Navy or Organic DOP

(*) Applicable when loading repair activity(s) via Application/Operation (A/O) Files Maintenance.

b. Item Identification Worksheet (Page 2). A description of each data field on page 2 of Figure 7-1 is provided below:

NIIN or NICN: See Page 1 of the worksheet.

MATL MGR: See Page 1 of the worksheet.

1. This field is used to provide an additional description of the item identified by item name or INAVY name. This normally includes specific functional and/or physical characteristics of the item and/or additional plain language description. Also, if applicable, specify the SHIPALT number if the item is a SHIPALT material item.
2. This field is used to identify the approved JETDS (for 2F Cog electronic items) or MARK and MOD type designation (for 2J Cog ordnance items).
3. This field is used to identify the approved 2F or 2J Cog parent item nomenclature (name and type designation).
4. This field is used to identify the applicable manufacturer's CAGE code and part or drawing number 1.
5. This field is used to identify the applicable manufacturer's CAGE code and part or drawing number 2.
6. This field is used to identify the applicable purchase order or contract number.

7.5 Tables of Valid Data For Selected Data Elements

a. The following tables contain valid data values for selected data elements on the item identification worksheet.

1. RPR MOD (Repair Maintenance Overhaul Designator)

The 4th position in this data element establishes the movement priority of the repairable item.

<u>Code</u>	<u>Definition</u>	<u>Priority</u>
<u>4th character</u>		
1	NRFI assets shipped to the point designated in the MRIL for NAVSEA material. (Usually Cheatham Annex or Long Beach Annex). Use highest transportation priority. When applicable ship by air.	03
2	NRFI assets shipped to the point designated in the MRIL for NAVSEA material. (Usually Cheatham Annex or Long Beach Annex).	13

5 NRFI assets are held by activity and dispositions are to be requested from Inventory Manager. (In this case MRIL is coded ZZ).

N/A

2. MCC (Material Control Code)

Code Definition

H Repairable
Z Kits (Field Change, Modification, Parts)

3. SMIC (Special Material Identification Code)

Code Definition

A2 Auxiliary
A3 Auxiliary (Adv. Equip. Repair Program)
A4 Undersea Warfare
A5 Surface Warfare
B1 Boats
C3 Naval Technical Data System
E2 Electrical
E3 Electrical (Adv. Equip. Repair Program)
F1 Salvage
H2 Hull
H3 Hull (Adv. Equip. Repair Program)
N1 IC/Navigation
P1 Periscopes
P2 Propulsion
P3 Propulsion (Adv. Equip. Repair Program)
Q1 Sonar
Q2 Sonar Pool

Q4 Sonar Items (PMO 409)
R1 Radar
R2 Electronic Warfare (EW) & Electronic Support Measures
(ESM) Systems
R5 Sub Electromagnetic Sensors
R6 Acoustic and Acint Systems
RS Radiac Equipment
X1 Nuclear

4. UOI (Unit of Issue)

<u>Code</u>	<u>Definition</u>
AY	Assembly
BT	Bottle
BX	Box
CA	Cartridge
CL	Coil
CN	Can
CO	Container
CY	Cylinder
DR	Drum
EA	Each
FT	Foot
GP	Group
KT	Kit
PG	Package
PM	Plate
RL	Reel
SE	Set

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TU Tube

5. CIIC (Controlled Inventory Item Code)

a. CLASSIFIED ITEMS CODE. A code indicating the materiel requires protection in the interest of national security in accordance with the provisions of DoD 5200.1-R, Information Security Program.

<u>Code</u>	<u>Definition</u>
A	Confidential - formerly restricted data
B	Confidential - restricted data
C	Confidential
D	Confidential - Cryptologic
E	Secret - Cryptologic
F	Top Secret - Cryptologic
G	Secret - Formerly Restricted Data
H	Secret - Restricted Data
K	Top Secret - Formerly Restricted Data
L	Top Secret - Restricted Data
O	Item contains naval nuclear propulsion information; disposal and access limitations are identified in NAVSEAINST C5511.32. Store and handle in a manner which will preclude unauthorized access to this material.
S	Secret
T	Top Secret
U	Unclassified
7	Item assigned a Demilitarization Code other than A, B, or Q for which another CIIC is inappropriate. The loss, theft, unlawful disposition, and/or recovery of an item in this category will be investigated in accordance with DoD 4000.25-2-M and DoD 7200.10-M.

9 This code identifies an item as a Controlled Cryptographic Item (CCI). CCI is described as secure telecommunications or information handling equipment, associated cryptographic component, or other hardware item which performs a critical COMSEC function. Items so designated are unclassified but controlled, and will bear the designation "Controlled Cryptographic Item or CCI".

b. SENSITIVE ITEMS CODE. Material which requires a high degree of protection and control due to statutory requirements or regulations, such as narcotics and drug abuse items; precious metals; items which are of high value, highly technical or of a hazardous nature; and small arms, ammunition, explosives and demolition material.

<u>Code</u>	<u>Definition</u>
1	Highest Sensitivity (Category I) - Nonnuclear missiles and rockets in a ready-to-fire configuration (e.g., Hamlet, Redeye, Stinger, Dragon, LAW, Viper) and explosive rounds for nonnuclear missiles and rockets. This category also applies in situations where the launcher (tube) and the explosive rounds, though not in a ready-to-fire configuration, are jointly stored or transported.
2	High Sensitivity (Category II) - Arms, Ammunition, and Explosives.
3	Moderate Sensitivity (Category III) - Arms, Ammunition, and Explosives.
4	Low Sensitivity (Category IV) - Arms, Ammunition, and Explosives.
5	Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of Secret.
6	Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of Confidential.

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- 8 High Sensitivity (Category II) - Arms, Ammunition, and Explosives with a physical security classification of Confidential.
- Q A drug or other controlled substance designated as a Schedule III, IV, or V item, in accordance with the Controlled Substance Act of 1970. Other sensitive items requiring limited access storage.
- R Precious Metals, a drug or other controlled substance designated as a Schedule I or II item, in accordance with the Controlled Substance Act of 1970. Other selected sensitive items requiring storage in a vault or safe.

NOTE: Items coded 5, 6, or 8 will be stored and transported in accordance with the provisions of DoD 5100.76-M or DoD 5200.1-R, Information Security Program, whichever is more stringent.

c. PILFERAGE CODE. A code indicating the material has a ready resale value or civilian application for personal possession and, therefore, is especially subject to theft.

<u>Code</u>	<u>Definition</u>
J	Pilferage - Pilferage controls may be designated by the coding activity to items coded U (Unclassified) by recoding the item to J. Coding activities may further categorize pilferage items by using the following codes:
I	Aircraft engine equipment and parts
M	Handtools and shop equipment
N	Firearms
P	Ammunition and Explosives
V	Individual clothing and equipment
W	Office machines
X	Photographic equipment and supplies
Y	Communication/electronic equipment and parts
Z	Vehicular equipment and parts

6. TY STOR (Type of Storage)

Indicates the type and environmental conditions to be maintained for an item during storage or shipment.

<u>Code</u>	<u>Definition</u>
A	General Purpose, Unheated
B	General Purpose, Heated
C	General Purpose, Controlled Humidity
D	Heavy Duty, Unheated (Overhead Crane Area)
E	Heavy Duty, Heated (Overhead Crane Area)
F	Heavy Duty, Controlled Humidity (Overhead Crane Area)
G	Flammable
H	Freeze (32° F and below)
I	Chill (Over 32° F up to 50° F)
J	Shed
K	Open
L	Explosive Storage
M	Acid Storage
N	Inert Compressed Gas Storage (Naval Ship's Technical Manual Chapter 9230, Section 23 [stowage of Compressed Gases, General] and Section 24 [Stowage precautions for compressed gases])
O	Special storage (Requires specific authority and stowage instructions)
P	Separate storage (Fire producers, not elsewhere classified. Keep away from acid, combustible, organic and readily oxidizable materials)
Q	Warehouse/flammable storage (Prohibited for shipboard storage)
R	Warehouse/general storage (No special requirements. Prohibited for shipboard storage)

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- S Warehouse/separate storage (Fire producers. Keep away from acid, combustible, organic, and readily oxidizable material. Prohibited for shipboard storage)
- U Flammable Compressed Gas (Naval Ship's Technical Manual, Chapter 9230, Section 23 [Stowage of Compressed Gases, General] and Section 24 [Stowage Precautions] provides stowage requirements and safety precautions for compressed gases)
- V Oxidizing Compressed Gas (Naval Ships' Technical Manual, Chapter 9230, Section 23 [Stowage of Compressed Gases, General] and Section 24 [Stowage Precautions] provides stowage requirements and safety precautions for compressed gases)
- W Poisonous Compressed Gas (Naval Ships' Technical Manual, Chapter 9230, Section 23 [Stowage of Compressed Gases, General] and Section 24 [Stowage Precautions] provides stowage requirements and safety precautions for compressed gases)
- X Radioactive material. Store in a designated radioactive material area in accordance with Afloat Supply Procedures (NAVSUP Pub 485).

- NOTE:
1. Blank denotes that special storage requirements have not been determined.
 2. When code X is used, the SMCC must be code R or X.
 3. When code U is used, the SMCC must be code B.
 4. When Code G or Q is used, the SMCC must be Code F, G, S or Z.
 5. When Code L is used, the SMCC must be Code Q.
 6. When Code M is used, the SMCC must be Code V.
 7. When Code N is used, the SMCC must be Code W.

7. Shelf Life

A code denoting the shelf life span of material from the date of manufacture or previous inspection to the date of test for continued usefulness or disposition.

<u>TYPE I (NON-EXTENDABLE)</u>		<u>TYPE II (EXTENDABLE)</u>	
<u>CODE</u>	<u>DEFINITION</u>	<u>CODE</u>	<u>DEFINITION</u>
0	Non-Deteriorative	0	Non-Deteriorative

A	1 Month	1	3 Months
B	2 Months	2	6 Months
C	3 Months	3	9 Months
D	4 Months	4	12 Months
E	5 Months	5	18 Months
F	6 Months	6	24 Months
G	9 Months	7	36 Months
H	12 Months	8	48 Months
J	15 Months	9	60 Months
K	18 Months	X	Greater than 60 Months
L	21 Months		
M	24 Months		
N	27 Months		
P	30 Months		
Q	36 Months		
R	48 Months		
S	60 Months		
X	Greater than 60 months		

- NOTE: 1. Determination of Type I or Type II shelf life codes is based upon the Shelf Life Action Code as follows:
- a. Type I - Shelf Life Action Code is: UU, SA, SB, or S5
 - b. Type II - Shelf Life Action Code is: CO, C_, CT, L_, RD, RN, RJ, T_, X_
2. ADP will set code 0 for new MDF item records if data is not input.

8. Shelf Life Action

A code denoting the action to be taken for an item at the expiration of the shelf life period indicated by the Shelf Life Code.

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<u>Code</u>	<u>Definition</u>
C0	Check/inspect/test per Inventory Manager's instructions.
C_	Incorporate all mandatory changes, etc. If found satisfactory, reclassify to the number of months indicated after which the item is considered unsuitable for restoration to issuable status. Shelf life codes will be used to identify the number of months for which the item is reclassified (i.e., 7C2 indicates an item having normal shelf life of 3 years may be extended for 6 months after incorporation of changes)
CT	Incorporate all mandatory changes, perform minor adjustments required, clean and relubricate bearings, reassemble, test to post overhaul standards, and correct any observed discrepancies. Items which pass tests shall be returned to stock as RFI. Exterior package marking of such items will indicate the latest check and test date and the original date of manufacture. Items which fail test will be placed in F Condition.
L_	To be tested by the Laboratory/Activity in increments after the initial time limit has expired. The letter or number following the L indicates increment in which laboratory tests are required. Example: 4L1 - After 12 months, and every 3 months thereafter, a sample should be submitted to the Laboratory/Activity for testing. If item fails test, take disposition action.
RD	Replace all deteriorated and nonmetallic components subject to deterioration (disassemble and process to the level required to permit replacement of deteriorable items; test to post overhaul standards and return to stock as RFI item with fully restored storage time limitations). Exterior package marking of such items will indicate the latest date of overhaul.
RN	Provides for equipment that has been tested with fluids indicated by Specification MIL-F-7024A and has not subsequently been operated with other fluids. (Use for fuel metering equipment only.)
RJ	This is assigned to fuel metering equipment which has been tested by other than MIL-F-7024A.
SA	Salvage.
SB	Request cannibalization/salvage instructions from Inventory Manager.
S9	Identification of Safety Items. After item designated by the Navy that is subject to a 5-year age limitation when

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used for purposes involving safety of personnel. Material in this category that is over 5 years old will not be used for repair or modification of personnel, drag, or special parachutes, or other uses directly involving personnel safety. Use advice code 2H unless material is being used for cargo parachutes or other uses not involving personnel safety.

- T_ Test. If the item passes, extend life by number of months indicated by the number following T, after which process in accordance with Code RD.
- UU Unsuitable for restoration to issuable status. At end of shelf life period material will be disposed of in accordance with existing instructions.
- X_ Test. If passes, redate item to the number of months/years indicated by the Shelf Life Code. If item fails tests, dispose of it in accordance with existing instructions. All material that exceeds the age from date of manufacture to the age indicated by the character following the letter X will be disposed of in accordance with existing instructions.
- 00 Not deteriorative. (Must always be shown when Shelf Life Code is 0.)

NOTE: The codes above which include a dash (_) in the second position imply a period of time expressed by the Shelf Life Code.

9. PMIC (Precious Metals Indicator Code)

A code to identify items that have precious metals as part of their content. Precious metals are the metals generally considered to be uncommon and highly valuable which are superior in certain properties, such as resistance to corrosion and electrical conductivity.

<u>CODE</u>	<u>TYPE PRECIOUS METAL</u>	<u>CONTENT VALUE</u>
A	No known Precious Metal	None
B	Item is known to contain precious metal(s) but the amount(s) are unknown.	
C	Presence or absence of Precious Metals varies between items of production for the same item of supply	
D	Silver	Equals 15 grams or more

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E	Silver	Less than 15 grams
F	Gold	Equals 10 grams or more
G	Gold	Less than 10 grams
H	Platinum*	Equals 10 grams or more
I	Platinum*	Less than 10 grams
J	Palladium*	Equals 5 grams or more
K	Palladium*	Less than 5 grams
L	Iridium*	Equals 20 grams or more
M	Iridium*	Less than 20 grams
N	Rhodium*	Equals 15 grams or more
O	Rhodium*	Less than 15 grams
P	Osmium*	Equals 10 grams or more
Q	Osmium*	Less than 10 grams
R	Ruthenium*	Equals 10 grams or more
S	Ruthenium*	Less than 10 grams
T	Silver-Gold	Combination equals 15 grams or more
U	Silver-Gold	Combination contains less than 15 grams
V	Silver-Platinum Family*	Combination equals 15 grams or more
W	Silver-Platinum Family*	Combination contains less than 15 grams
X	Silver-Gold-Platinum Family*	Combination equals 15 grams or more
Y	Silver-Gold-Platinum Family*	Combination contains less than 15 grams
Z	Gold-Platinum Family*	Combination equals 10 grams or more

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- 2 Gold-Platinum Family* Combination contains less than 10 grams
- 3 Determination of Precious Metal Content is uneconomical

* Platinum family includes Platinum, Palladium, Iridium, Rhodium, Osmium, Ruthenium.

NOTE: If not indicated on input ADP will set a constant of A.

10. Iss/Restrict (Issue/Restriction)

<u>Code</u>	<u>Definition</u>
AF	Submit/refer requisitions to NAVSEA.
BQ	US NAVMINEENGFAC: Submit/refer requisitions to NMEF.
CB	NAVSEA control material. Submit requisitions via pool activity.
CO	Critical item. Do not issue. Refer to cognizant manager.
XP	Submit/refer requisitions to NSCSES Norfolk, VA.
XR	Submit/refer requisitions to NAVSEA. Maintain records by serial number.

11. SMCC (Special Material Content Code)

Indicates that an item represents or contains peculiar material requiring special treatment, precautions or management control.

<u>Code</u>	<u>Definition</u>
A	Antibiotic (medical) (See Note 1)
B	Flammable Compressed Gas
C	Corrosive Liquid (other than acid)
D	Alcohol (Ethanol, ethyl alcohol or grain alcohol only) (See Note 1)
E	Precious Metals
F	Flammable Liquid (less than 100°F flash point)
G	Combustible Liquid (100°F to 200°F flash point)

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H	Deleted
I	Mercury (Not authorized for submarine use)
J	Oxidizing Material
K	Medical Kits (See Note 1)
L	Drugs (Not codes A, D, K, or N) (See Note 1)
M	Magnetic
N	Narcotic (See Note 1)
O	Mercury (Not authorized for any shipboard use)
P	Poison (Including methanol, wood alcohol, and denatured alcohol) (See Note 1)
Q	Explosive Non-ordnance items
R	Radioactive Material
S	Combustible and Toxic
T	Toxic (See Note 1)
U	Mercury (Authorized for general use)
V	Acid
W	Nonflammable Compressed Gas
X	Radioactive and Magnetic Material
Y	Non-Magnetic (Must remain free of strong magnetic field)
Z	Flammable Solids

- NOTE:
1. Storage and custody requirements for medical supplies are provided in BUMED p-117, Chapter 21 and apply for codes A, D, K, L, N, P and T.
 2. When Code F, G, S, or Z is used, the type of storage code should contain Code G or Q. When Code R or X applies, the type of storage code should be X. When Code E applies, the type of storage code should be reviewed for applicability of Code AB.

12. DEMIL (Demilitarization)

Code instructing the user on method and degree of demilitarizing items when required.

<u>Code</u>	<u>Explanation</u>
A	Non-MLI (Munitions List Item) - Demilitarization not required.
B	MLI - Demilitarization not required.
C	MLI - Remove and/or demilitarize installed key point(s) as prescribed in Defense Demilitarization Manual (DoD 4160.21-M-1), or lethal parts, components, and accessories.
D	MLI - Demilitarize by mutilation (make unfit for intended purpose) by melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing, etc. (As an alternate, burial and deep-water dumping may be used when authorized.)
E	MLI - Demilitarize by burning, shredding, or pulping.
F	MLI - Demilitarization instructions to be furnished by item/technical manager.
G	MLI Demilitarization Required - AEDA. Demilitarization, and, if required, declassification and/or removal of sensitive marking or information, will be accomplished prior to physical transfer to a Defense Reutilization and Marketing Office (DRMO). This code will be used for all AEDA items including those which also require declassification and/or removal of sensitive markings or information.
H	MLI - Remove and/or demilitarize installed key point(s) as prescribed in Defense Demilitarization Manual (DoD 4160.21-M-1), or lethal parts, components, and accessories, overseas only. Demilitarization not required in United States, Puerto Rico, American Samoa, Guam, The Trust Territory of the Pacific Islands, and the Virgin Islands. Demilitarization requirements may be waived if purchaser elects to ship item to the United States under controls stipulated in the terms and conditions of sale.
J	MLI - Demilitarize by mutilation (make unfit for intended purpose) by melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing, etc., overseas only. (As an alternate, burial or deep-water dumping may be used when authorized.) Demilitarization not required in United States, Puerto

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Rico, American Samoa, Guam, The Trust Territory of the Pacific Islands, and the Virgin Islands. Demilitarization requirements may be waived if purchaser elects to ship item to the United States under controls stipulated in the terms and conditions of sale.

K MLI - Demilitarize by burning, shredding, or pulping, overseas only. Demilitarization not required in United States, Puerto Rico, American Samoa, Guam, The Trust Territory of the Pacific Islands, and the Virgin Islands. Demilitarization requirements may be waived if purchaser elects to ship item to the United States under controls stipulated in the terms and conditions of sale.

L MLI - Demilitarize by mutilation (make unfit for intended purpose) by melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing, etc. (As an alternate, burial or deep-water dumping may be used when authorized.) This code will be applied only to items identified as being a component of a key point on a major end item.

M MLI - Demilitarize by mutilation (make unfit for intended purpose) by melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing, etc., overseas only. (As an alternate, burial or deep-water dumping may be used when authorized.) Demilitarization not required in United States, Puerto Rico, American Samoa, Guam, The Trust Territory of the Pacific Islands, and the Virgin Islands. Demilitarization requirements may be waived if purchaser elects to ship item to the United States under controls stipulated in the terms and conditions of sale. This code will be applied only to items identified as being a component of a key point on a major end item.

N MLI or non-MLI with Sensitive Applications - Demilitarize by removing and destroying all name plates, label plates, meter face plates, tags, stickers, documents or markings which relate the item to a weapons system or sensitive end item application. Demilitarization will be performed by the generating activity prior to physical transfer of the item to the disposal activity. This code will not be assigned to AEDA or security classified items.

NOTE: This code will not be used for Army and Air Force managed items.)

P MLI (Security Classified Item) - Declassification, and any other required demilitarization, and removal of any sensitive markings or information will be accomplished

prior to accountability or physical transfer to a DRMO. This code will not be assigned to ammunition, explosive and dangerous articles (AEDA) items.

Q SLI (Strategic List Item) - Demilitarization not required. SLI are non-MLI and are identified and licensed by the Department of Commerce through the Export Administration Regulations (EAR) and indicated on the CCL. Each CCL entry is preceded by a four-digit ECCN and those ECCNs ending in the letter "A" or "B" are defined as Strategic List Items. These items are subject to Import Certification and Delivery Verification (IC/DV) control and other Security Trade Controls.

X Indicates demilitarization requirement or munitions list applicability not determined by the Inventory Control Point (ICP); local determination necessary prior to disposal action. Will be disseminated only upon interrogation (to be recorded in the Defense Logistics Services Center Total Item Record by DLSC only).

NOTE: Valid Demilitarization Codes and Controlled Inventory Item Codes Combinations:

IF THE DEMIL IS:

THE ALLOWABLE CIICs ARE:

P	A, B, C, D, E, F, G, H, K, L, S, or T, 5, 6, 8 (the numerics = small arms, not Ammunition, Explosives, Dangerous Articles (AEDA))
A, B, Q,	1, 2, 3, 4, 9, J, I, M, N, O, P, Q, R, U, V, W, X, Y, Z
C, D, E, F, H, J, K, L, M, N, X	1, 2, 3, 4, 7, 9, J, I, M, N, O, P, Q, R, V, W, X, Y, Z
G	1, 2, 3, 4, 5, 6, 7, 8, 9, J, F, M, N, O, P, Q, R, S, T, V, W, X, Y, Z (5, 6, 8 = AEDA, not small arms)

NOTE: Arms items with a CIIC of 5, 6 or 8 will have a DEMIL Code of P. Ammunition and explosive items with a CIIC of 5, 6 or 8 will have a DEMIL of G.

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13. MOVE PRI DSGR (Movement Priority Designator)

Code Definition

03 Retrograde movement of critical repairable material

13 Retrograde movement of other than a routine nature that
 does not qualify for assignment of priority 03

NOTE: Code as indicated by the repair maintenance overhaul
designator