Department of the Army
Pamphlet 708–2

Cataloging of Supplies and Equipment

Cataloging and Supply Management Data Procedures for the Army Enterprise Material Master

Headquarters
Department of the Army
Washington, DC
7 October 2015

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SUMMARY of CHANGE

DA PAM 708–2
Cataloging and Supply Management Data Procedures for the Army Enterprise Material Master

This major revision, dated 7 October 2015--

- Changes title to Cataloging and Supply Management Data Procedures for the Army Enterprise Material Master (cover).

- Deletes table 1-1.

- Deletes tables 2-2 through 2-14.

- Renumbers tables 2-15 through 2-18 as 2-2 through 2-5.

- Deletes tables 2-19 through 2-68.

- Renumbers tables 2-69, 2-70, and 2-71 as 2-6 through 2-8.

- Updates catalog changes as they apply to the Army Enterprise System Integration Program (table 3-30).

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Cataloging of Supplies and Equipment

Cataloging and Supply Management Data Procedures for the Army Enterprise Material Master

By Order of the Secretary of the Army:

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History. This publication is a major revision.

Summary. This pamphlet is designed to assist Army logistics managers and functional personnel worldwide with information and guidance on cataloging supplies and equipment and related logistics data management functions.

Applicability. This pamphlet applies to the Active Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve, unless otherwise stated. During mobilization, the proponent may modify policies and procedures contained in this pamphlet.

Proponent and exception authority. The proponent of this pamphlet is the Deputy Chief of Staff, G–4. The proponent has the authority to approve exceptions or waivers to this pamphlet that are consistent with controlling law and regulations. The proponent may delegate this approval authority, in writing, to a division chief within the proponent agency or its direct reporting unit or field operating agency, in the grade of colonel or the civilian equivalent. Activities may request a waiver to this regulation by providing justification that includes a full analysis of the expected benefits and must include formal review by the activity's senior legal officer. All waiver requests will be endorsed by the commander or senior leader of the requesting activity and forwarded through their higher headquarters to the policy proponent. Refer to AR 25–30 for specific guidance.

Suggested improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to U.S. Army Materiel Command, Logistics Support Activity (AMXLS–MD), Redstone Arsenal, AL 35898–7466.

Distribution. This publication is available in electronic media only and is intended for command levels C and D for the Active Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve.

Contents (Listed by paragraph and page number)

*This pamphlet supersedes DA Pam 708–2, dated 23 May 2008.

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Chapter 1
The Army Enterprise Material Master

Section I
Introduction

1–1. Purpose
This pamphlet provides the guidance necessary for preparing, generating, collecting, and distributing logistics management data in the Army Enterprise Material Master (AEMM). The AEMM operates in an environment in which major Army logistics systems use the latest state-of-the-art equipment and system techniques. This system is the link between the wholesale and retail levels. The output of data to all levels of the Army depends on the needs of the user.

1–2. References
See appendix A.

1–3. Explanation of abbreviations and terms
See the glossary.

1–4. Data source
The AEMM process utilizes source data automation as the basic tenet focused on the business processes, management, and distribution of AEMM data throughout the Army Enterprise as follows:

a. Defense Logistics Information Service (DLIS) is the authoritative data source provider of common material data relating to standard national stock number (NSN) assignment with the exception of packaging and freight data.

b. Logistics Modernization Program (LMP) is the authoritative data source for Army peculiar, unique, and packaging and freight data relating to the standard NSN for Army managed and Army interest material within their domain.

c. Logistics Support Activity (LOGSA) leveraging the AEMM, is the authoritative data source for selected inactive materials held in the Army Enterprise and Enterprise non-standard materiels.

d. U.S. Army Materiel Command (USAMC), G–8 is the authoritative data source for the Presidential Budget pricing data and includes serviceable and unserviceable credit, delta bill, and transfer pricing.

1–5. Distribution of data
USAMC, LOGSA can provide the AEMM and logistics management data through an AEMM subscription basis. This is a direct feed/subscription or web service from the AEMM source system syndicated on a daily, multiday, or monthly basis. The output provides a data feed of materials changes based on the effective date of the change and the elements of information subscribed to. The AEMM feed can include all active Department of Defense (DOD) materials or subsets of materials (for example, Army interest Material (Primary Inventory Control Activity (PICA) and Secondary Inventory Control Activity (SICA)). Additional LOGSA AEMM products include the automatic return items list (ARIL). This list contains items in a critical worldwide stock position. Excess and unserviceable items must be returned to continental United States (CONUS) depots without waiting for disposition instructions.

1–6. Special information
To interface with LOGSA for material data, the requesting organization will request from LOGSA, the current interface request documentation, which contains interface procedures and the AEMM data layout for the elements available for syndication.

Section II
Army Master Data File

1–7. Overview
a. The Army Master Data File (AMDF) is a multi-segment file including, both current and historical management data for Army used or managed items. The file generates, collects, and issues logistics management data to activities at all levels performing logistics functions essential to the acquisition, storage, control, reporting, maintenance, distribution and disposal of material.

b. The types of AMDF segments are as follows:

(1) *Item data segment.* This segment includes an item data record. When appropriate, a unit measurement quantity or unit-of-issue (UI) conversion record containing current supply management data about cataloged NSNs, and medical management central numbers (MCNs) authorized for Army use, is also included.

(2) *Item identification segment.* This segment provides nomenclature (abbreviated or extended) for the NSN or medical MCN in each item data record, and identifies adopted items of materiel and Army reportable items assigned a line item number (LIN).

(3) *Packaging File.* This file provides either the details of cleaning, preserving, and packaging an item or will refer to the packaging data sheet, specification, or instructions that contain such data. Also, this segment contains unit pack weight, unit pack cube, unit pack size data, and a hazard code to identify an item as hazardous.

(4) *Freight segment.* This segment provides freight classification data and military standard transportation and movement procedures data for descriptive or reference type NSNs for routing materiel shipments within CONUS and outside the continental United States (OCONUS).

(5) *An interchangeable and substitutable segment.* This segment provides item relationships and interchangeable and substitutable (I&S) data.

(6) *History segment.* This segment provides a means for determining if NSNs or MCNs were formerly assigned to a current item of supply or the identifying numbers that apply to a former item of supply.

(7) *Equivalent item segment.* This segment provides data to enable recipients to satisfy requirements with items that have identical physical and performance characteristics, but differ in unit quantity or UI.

(8) *Special Army data segment.* This segment provides logistics management data for cataloged NSNs.

(9) *Medical user data segment.* This segment provides logistics management data for supply category of materiel 8 (medical) items.

1–8. Army Master Data File data elements

a. Army peculiar data elements. The PICA/SICA provides the data elements to the Federal Logistics Information System (FLIS) for each Army used or managed NSN. LOGSA AEMM files retains in the AMDF and distributes the following data elements:

(1) Accounting requirements code (ARC).

(2) Materiel category (MATCAT) structure code.

(3) Recoverability code (RC).

b. Catalog management data common data elements. The Army PICA submits to the FLIS the following data elements for each Army managed NSN:

(1) Acquisition advice code (AAC).

(2) Automatic data processing (ADP) equipment identification.

(3) Controlled inventory item code (CIIC).

(4) Criticality code.

(5) Demilitarization code (DEMIL).

(6) DOD ammunition code (DODAC).

(7) DOD identification code (DODIC).

(8) Electrostatic discharge indicator.

(9) Item management code.

(10) Item type storage code (ITS).

(11) Jump-to-code (JTC).

(12) Measurement quantity code (MQ).

(13) NSN.

(14) Order-of-use (OOU).

(15) Phrase code.

(16) Precious metals indicator codes.

(17) Quantity per unit pack (QUP).

(18) Shelf life code (SLC).

(19) Source of supply code (SOS).

(20) Technical document number.

(21) UI.

(22) Unit price.

c. Logistics Support Activity role. LOGSA as the AEMM identified organization for the business mission area and using the AEMM solution, provides the Army with a single source for AEMM information to include nonstandard manufacturer part number material information.

d. Army unique data elements. The Army PICA/SICA submits item data segment, item identification segment, or medical user data segment records to LOGSA for the following data elements:

(1) Air eligible category code (AEC).

(2) Army type classification code (ATC).

(3) Army type designator.

(4) Automatic return item code (ARI).

(5) End item code (EIC).

(6) Essentiality code (EC).

(7) Estimated storage life code.
(8) Fund code (FC).
(9) Hazardous waste code.
(10) Hazardous waste number.
(11) Inventory category code (ICC).
(12) Level of protection (LOP).
(13) Life expectancy code.
(14) LIN.
(15) Logistics control code (LCC).
(16) Maintenance repair code.
(17) Method of destruction code.
(18) Nomenclature (21 characters) (FLIS).
(19) Nomenclature (35 characters) Supply Bulletin (SB) National Item Identification Number (NIIN).
(20) Nomenclature (64 characters) SB.
(21) Nomenclature (105 characters) (Generic).
(22) Price signal code.
(23) Related reference data.
(24) Reportable item control code (RICC).
(25) Requirements computation.
(26) Special control item code (SCIC).
(27) Special notes code.
(28) Special requirements code.
(29) Storage life code (SL).
(30) Storage/shipment requirement code.
(31) Subsistence usage management code.
(32) Supplemental input indicator.
(33) Supply categories of materiel (SCMC).
(34) Type of fuel consumption.

e. Demilitarization code. The Army PICA/SICA establishes the DEMIL code for each Army used or managed NSN as follows:

(1) For NSNs that are being added to the AMDF, the Army PICA submits the DEMIL code to FLIS from LMP. LOGSA AEMM will file and retain in the AMDF and then distribute the DEMIL code.

(2) For each existing Army managed NSN, the Army PICA submits the DEMIL code to the FLIS. LOGSA AEMM will file and retain in the AMDF and then distribute the DEMIL code.

f. End item code. LOGSA extracts from the logistics integrated database (LIDB).

g. Packaging data elements. The Army PICA/SICA submits packaging data elements through LMP to LOGSA AEMM. LOGSA AEMM files and retains packaging data elements, as shown in chapter 2, section III.

h. Freight data elements. The Army PICA submits freight data elements through LMP to LOGSA AEMM. On receipt of a FLIS freight confirmation record, LOGSA files and retains in the AMDF, and distributes freight data elements. For Army used NSNs, LOGSA AEMM files, retains and distributes freight data elements.

Section III
Transmitting Data To and From Logistics Support Activity Army Enterprise Material Master

1–9. Transmitting data
AEMM change transaction is the system's applications and products capability that allows full update privileges to the AEMM.

1–10. Transmittal data access
AEMM access is restricted to LOGSA specified users based on business processes for the Army community.

Chapter 2
Army Enterprise Material Master Segments

Section I
Item Data Segment

2–1. Provisions

a. The item data segment (IDS) provides the management data necessary to control an item from the time it enters the system until it is obsolete or is ready for disposal. This segment provides for the establishment of, and changes to, Army common, peculiar, and unique data elements. It allows for communication of this data between the Army item manager, wholesale depots, and operational forces required at various levels for supply, financial and inventory management controls, asset reporting and requisition processing.

b. The Army PICA/SICA, LOGSA and Army using activities establish changes and communicates logistics management data for each Army used or managed NSN in the formats prescribed in this section.

2–2. Special considerations

The Army PICA/SICA establishes an item data record for each Army used or managed NSN. The Army PICA/SICA establishes a unit measurement quantity record for each NSN assigned a nondefinitive UI. LOGSA will broadcast, but will not retain a UI conversion record on file for each NSN whose UI is changed.

2–3. Item data, unit measurement quantity, and unit-of-issue conversion record procedures

a. The Army PICA/SICA submits to Army Enterprise System Integration Program (AESIP), an item data record for each Army used or managed NSN. An Army PICA/SICA not operating under LMP may submit an item data change record to change an Army unique data element.

b. LOGSA will file and retain in the AEMM and then distribute unit measurement quantity data for each Army used or managed NSN assigned a nondefinitive UI.

c. LOGSA distributes a UI conversion record for each Army used or managed NSN whose UI changes.

Table 2–1
Item data record

Element Name	Element Description	Source System Field Type	Source System Field Length	Comments	PLM+ Field Name
Material number	Material number.	CHAR	18		MATNR
Material type	Material type.	CHAR	4		MTART
Gross weight	Use to record gross weight.	QUAN	13		BRGEW
Weight unit	Weight unit.	UNIT	3		GEWEI
Size/dimensions	Description of physical dimensions of material. For information only.				GROES
Lab/office	Lab/office/ inventory control point (ICP) - routing identifier code (RIC).	CHAR	3		LABOR
Material group	Key that for allows for grouping together several materials or services with the same attributes, and assign them to a particular material group.	CHAR	9		MATKL
External material group	External material group.	CHAR	18		EXTWG
Page format	Page format of production memorandum.	CHAR	4		FORMT
Material is configurable	Configurable material.	CHAR	1		KZKFG
Manufacturer	Manufacturer number.	CHAR	10		MFRNR
MFG_PART_NUM	Manufacturer part number.	CHAR	40		MFRPN
Net weight	Use to record net weight.	QUAN	13		NTGEW

Table 2–1
Item data record—Continued

Element Name	Element Description	Source System Field Type	Source System Field Length	Comments	PLM+ Field Name
Product hierarchy	Alphanumeric character string for grouping together materials by combining different characteristics. It is used for analysis and price determination.	CHAR	18		PRDHA
Division	A key to group sales divisions. A way of grouping materials, products, or services. The system uses divisions to determine the sales areas and the business areas for a material, product, or service.	CHAR	2		SPART
Volume unit	Enter unit of volume if known.	UNIT	3		VOLEH
Volume	Enter volume if known.	QUAN	13		VOLUM
Federal supply classification (FSC)	The first four digits of the NSN. The FSC is a four-character, numeric code identifying the group and class of an item of supply. This code separates items into commodities.	VARCHAR2	4		MATKL
Base unit-of-measure (UM)	UM of the NIIN at the lowest measure.	UNIT	3		MEINS
Material description	Text containing up to 40 characters that describe the material.	CHAR	40		MAKTX
Old material number	Number for managing a material so far.	CHAR	18		BISMT
UI	A two-position, alphabetic code that represents the definite amount of quantity of an item that will be issued. This amount or quantity is based on the unit price of the managing activity's established accounting UI.	CHAR	2		BSTME

Section II
Item Identification Segment

2–4. Overview
This section supplements the stock number record in the item data record with nomenclatures (abbreviated or extended) for use when preparing authorized stockage lists (ASLs), Army supply catalogs, supply bulletins, and adopted items list.

2–5. Concept
The Army PICA/SICA submits to LOGSA, item identification records for each Army used or managed NSN. LOGSA files are retained in the AEMM, and item identification records will be distributed.

2–6. Special considerations
The Army PICA/SICA will submit item identification records as follows:

a. Line item numbers. Nomenclature for a stock number recorded in the item data record and assigned a LIN cannot exceed three trailer records. Records 01 and 02 contain the nomenclature starting in position 39 with a 64-character maximum (35 in record 01, 29 in record 02). When the nomenclature does not exceed 35 characters, then record 02 is not required, but record 03 containing the short nomenclature (21 characters maximum) is always required.

b. Subsistence and medical items without a line item number. The Army PICA/SICA will submit records 01 and 03 to LOGSA for each Army used or managed subsistence or medical NSN without a LIN. The Army PICA/SICA will submit record 02 if the nomenclature starting in record 01 exceeds 35 positions.

c. All other national stock numbers. The Army PICA/SICA will submit to LOGSA, record 01 for each Army used or managed NSN.

d. The Department of Defense identification code. DODIC is a 4-position alphanumeric code assigned to some items in Federal supply groups (FSGs) 13 and 14. The code is added to positions 33 through 36 of record 01.

Section III
Packaging File

2–7. Overview

The DOD Packaging Data System is a standard system for developing, recording, and disseminating packaging data. The system will result in the DOD presenting a single face to industry on packaging method selection, packaging requirements, and documentation. Data entered and stored in this system will be readily retrievable, and the interservice exchange of packaging data will be vastly improved. All material to be packaged will be classified into one of the three following types of items:

a. Common items. The Army PICA/SICA will submit all packaging segment records to AESIP for common items (for example, items for which complete packaging details can be specified by predetermined coding).

b. Selective items. The Army PICA/SICA will submit the applicable packaging segment records to AESIP for selective items (for example, items for which predetermined packaging is not appropriate yet, entry of coded packaging requirements with up to 57 positions of supplemental in-the-clear instructions adequately describes the complete packaging requirement).

c. Special items. The Army PICA/SICA will submit the applicable packaging segments to AESIP for special items (for example, items that require sketches, drawings, or narrative type packaging procedures due to their complexity, fragility, weight, or other considerations).

2–8. Packaging file data elements

The Army PICA/SICA will submit packaging file records to AESIP for the following data elements:

a. Card indicator code.
b. Cleaning and drying procedure.
c. Cushioning and dunnage material code.
d. Commercial and Government entity code.
e. Container NSN.
f. Hazardous code.
g. Drawing or part number.
h. ITS code.
i. Intermediate container code.
j. LOP.
k. Level A packing requirement code.
l. Level B packing requirement code.
m. Minimal packing requirement code.
n. Method of preservation code.
o. Optional procedure indicator.
p. Pack level reference indicator.
q. Packaging reference.
r. Packaging indicator code.
s. Preservation material code.
t. Packaging category.
u. Packaging design activity.
v. QUP/intermediate pack.
(1) QUP.
(2) Intermediate container quantity.
w. Special marking code.
x. Special packaging instruction (SPI) number.
y. SPI revision.
z. SPI date.
aa. Supplemental instructions.
ab. Thickness of cushioning and dunnage code.
ac. Transaction date.
ad. Maximum unit pack weight.
ae. Maximum unit pack size.
(1) Maximum length.
(2) Maximum width.
(3) Maximum depth.
af. Maximum unit pack cube.

ag. Unit container code.
ah. Unit container level code.
ai. Unpackaged item weight.
aj. Unpackaged item dimensions.
(1) Item length.
(2) Item width.
(3) Item depth.
ak. Wrapping material code.

2–9. Priority for developing packaging requirements

The Army PICA/SICA will develop packaging data for each Army used or managed NSN per the following priorities:

a. Priority I (stocked items). Items with the following acquisition advice codes:
(1) A-service regulated.
(2) B-National inventory control point (NICP) regulated.
(3) C-services managed.
(4) D-DOD inventory materiel manager (IMM) stocked and issued.
(5) E-other service managed, stocked, and issued.
(6) G-General Service Administration IMM stocked and issued.
(7) H-direct delivery under a central contract.
(8) K-centrally stocked for overseas only.
(9) M-restricted requisitions, major overhaul.
(10) P-restricted requisition.
(11) R-restricted requisition.
(12) S-restricted requisitioning, other service funded.
(13) Z-insurance/numeric stockage objective item.

b. Priority II (nonstocked items). Items with the following acquisition advice codes:
(1) F-fabricate contract/schedule.
(2) I-direct ordering from a central contract/schedule.
(3) J-not stocked, long lead-time.
(4) L-local purchase.
(5) N-restricted requisitioning, disposal.
(6) Q-bulk petroleum products, Defense Logistics Agency (DLA) managed.
(7) T-condemned.
(8) V-terminal item.
(9) W-restricted requisitioning, special instructions apply.
(10) X-semi-active item, no replacement.
(11) Y-terminal item.

c. The Army PICA. The Army PICA will submit packaging data to LOGSA for each Army managed NSN. On receipt of packaging records, LOGSA will edit, validate, and forward records to FLIS total item record for filing in the segment W. LOGSA will submit packaging data to the FLIS as the registered recipient of Army-interest packaging data.

2–10. Optional procedure indicator codes

a. Enter "A" if packaging is governed by a specification or standard other than those referenced in the preservative method code column 29–30 or by an SPI. Show the appropriate number in the packaging reference area, card number 1.

b. Enter "M" if all packaging data are mandatory for compliance and no substitution is permitted. Deviation from any of these elements will have prior approval of the buying activity. Fast packs will be included in this category.

c. Enter "O" if an option can be exercised as to the submethod and packaging materials to be used. However, the basic preservation method will be retained, requirements as indicated in supplemental data will be complied with, and unit package dimensions will not be increased. There will be no increased cost to the Government and equal or better protection will be given the item. Prior approval of the buying activity is not required under these conditions.

d. Enter "E" to indicate that options can be exercised as to the submethod and the packaging materials to be used. In such cases, the options that may be exercised must be indicated in supplemental date. However, the basic preservation method will be retained and unit package dimensions will not be increased. There will be no increased cost to the Government and equal or better protection will be given the item. Prior approval of the buying activity is not required under these conditions.

e. The codes are defined as "F" for flexible (type II, class 2, grade C) and "R" for rigid foam-in-place (type II, class

1). These codes will sometimes require stipulation of supplemental data. If foam-in-place requires a larger container than other normally acceptable packaging (conventional), the foam-in-place container requirements will be coded in place of the conventional data. Limitations and freedoms indicated by optional procedure code O also apply to these codes, except that two maximum container sizes may be specified; one for foam-in-place and another for other options. The second container size will be expressed as supplemental data.

f. Enter "P" if an SPI governs the packaging, but permission is granted to use polyurethane foam-in-place as specified on the SPI only when the SPI pack is not available.

Section IV
Freight Segment

2–11. Overview

This segment provides guidance for input, upkeep, and output of transportation data on cargo content. These data are used by CONUS traffic management activities to determine freight rates and modes for routing materiel shipments within CONUS/OCONUS.

2–12. Concept

a. The Army PICA will submit freight data to LOGSA for each Army managed, stocked, and non-nuclear ordnance NSN.

b. On receipt of DLIS FLIS freight confirmation record, LOGSA will file and retain data in the AMDF and distribute freight data elements.

c. LOGSA will submit freight data to the DLIS FLIS as the registered recipient of Army interest freight data.

d. Army activities will challenge incorrect or questionable AMDF data by contacting the item manager, either manually or through an automated system.

e. Freight segment records are distributed as follows:

(1) Freight segment change- management data distribution (MDD)/single source distribution (SSD).

(2) IDS gain— MDD only.

(3) MDD only; IDS SOS change C58 only)— MDD only.

(4) Freight segment safety data sheet (SDS) indicator code change only— MDD/SSD.

2–13. Freight segment data elements

The following data elements are received from the Army PICA and are retained in the freight segment:

a. Air commodity and special handling (ACSH) code.

b. Air dimension code (ADC).

c. Hazardous material (HM) code.

d. Integrity code.

e. Item name.

f. Less-than-truckload (LTL) rating code.

g. Less-than-carload (LCL) rating code.

h. SDS indicator code.

i. National motor freight classification (NMFC) code.

j. NMFC sub-item number code.

k. NMFC description.

l. NSN.

m. Originator code.

n. Rail variation code.

o. Special handling code.

p. Type of cargo (TC) code.

q. Uniform freight classification code.

r. United Nations organizational serial number.

s. Water commodity code.

Section V
Interchangeable and Substitutable Segment

2–14. Interchangeable and substitutable segment provisions

This segment provides a way to—

a. Record, maintain, and distribute approved I&S data.

b. Identify stock numbers assigned a LIN.

c. Group by LIN those stock numbers connected with a LIN.

d. Identify national and North Atlantic Treaty Organization (NATO) stock numbers for ammunition items that have been assigned a DODAC.

e. Allow recipients of I&S data to satisfy requirements by using all on-hand assets, where possible, and to defer requisitions and prevent needless purchases.

2–15. Special considerations

a. Data for input to the I&S segment may be submitted directly by the file originators, or it will be developed by LOGSA from data received on the third record of catalog management data (CMD) transactions or by changes made to the SB 700–20.

b. The I&S segment includes the following three sections:

(1) Section I, replacement information that is further divided into two parts: part 1, an I&S cross-reference file; and part 2, an group file (order-of-use (OOU) file).

(2) Section II, major items, that are further divided into two parts; part 1, major item cross-reference file; and part 2, major item group file.

(3) Section III, ammunition and explosives that are further divided into two parts: part I, stock number to DODAC cross-reference file; and part 2, DODAC group file.

c. Every stock number in the I&S segment must also be in the IDS.

d. As changes and deletions are made to the IDS, necessary changes must be made to the I&S segment.

e. When stock numbers within any I&S group (OOU, LIN, or DODAC) are involved in a materiel transfer, all numbers of the group will be transferred, or the group will be dissolved.

f. Whenever deletions (CHK, CJK) from part 1 of sections I and II are processed or the CMD data record of the IDS is deleted with a C37, LOGSA will internally generate and file a history record in the I&S history file.

g. Periodically, LOGSA will review I&S records to detect errors and refer them to the originators for corrections. Originators review errors, and take corrective action as soon as possible. This LOGSA screening does not relieve the originators from conducting similar reviews to prevent input of errors.

h. Collaborations are as follows:

(1) Section I collaboration will be according to I&S procedures established for the FLIS.

(2) Collaboration of I&S data is not required when the data are obtained from the integrated materiel manager through standardization actions (FLIS segment E) issued by DLIS.

2–16. Procedures for section I, part 1 (Interchangeable and Substitutable Cross-Reference File)

a. Input to this file is generated by LOGSA based on information recorded in the CMD record 3 from FLIS.

b. This file depicts stock number relationships by using the authorized I&S segment phrase codes. Every number in this file must contain a phrase code, and relationships containing active phrase codes must reflect a preferred stock number to connect it to the I&S OOU file (part 2). Cross-reference records containing terminal phrase codes (L, T, or Z) will not appear in the OOU file and for these phrase codes the preferred NSN field will be blank. NICP/Service Item Control Center (SICC) must ensure that the preferred stock number in this file is updated when the preferred stock number in the OOU file is replaced by a new stock number.

c. For phrase coded relationships in the file, the described stock number, preferred stock number, and related stock number must have the same UI and the same FSC.

d. Records in this file that contain phrase code E must have a reversing G companion record with the same preferred stock number. Records that contain phrase code F must have a reversing 7-companion record, and those with a phrase code S must have a reversing phrase code 3 present on the input. Changes to one phrase code in the relationship, requires changes to the reversing phrase code.

e. Cross-reference records containing phrase code U (manager interest only) will not be filed in the AEMM or broadcast to AMDF users. Special requirements, code 4, recorded in the IDS will satisfy this requirement.

2–17. Procedures for section 1, part 2 (Interchangeable and Substitutable Order-of-Use File)

a. Input to this file is also generated by LOGSA based on information recorded in the CMD record three.

b. An OOU group consists of two or more described stock numbers that have an I&S relationship with each other. This file is in the preferred stock number order and reflects the following:

(1) NICP/SICC determines preferred stock numbers. This does not mean endorsement or preference for a specific manufacturer's item or product. The preferred stock number is the last item in the group and must be suitable to use in place of any other item in the group.

(2) Nomenclature of the preferred stock number has been eliminated from the OOU file.

(3) The OOU code is a 3-position code comprised of the following two parts.

(a) Subgroup code. The first two positions of the OOU code indicates whether an item in an I&S family is

interchangeable or substitutable with items in the same family having higher OOU values. If the subgroup values are the same, the two items are interchangeable. If the subgroup values are different, the two items are substitutable, with the item having the higher value subgroup code being the preferred item.

(b) Sequence code. The third position of the OOU code indicates the OOU within a subgroup (for example, among interchangeable items). The least preferred item in the subgroup (or the only item, if there is a single NSN in the subgroup) will have an "A" assigned. Sequence codes B, C, D, and so forth, will be assigned to the other interchangeable items in order of preference. The most preferred interchangeable item in the subgroup will have the highest value sequence code.

(4) The subgroup code and sequence code will not be displayed as separate entries, nor will numeric sequence codes be used to identify items unsuitable for issue or use. Items unsuitable for use will no longer be included in I&S families.

(5) The JTC denotes an exception to the normal sequence to be followed in the attrition of items within an I&S family. In specific instances, an item cannot be replaced by the next substitutable item as shown by "OOU" designation. In this case, the "JTC" is used to jump to an "OOU" whose "NSN" is a proper substitute. When the "JTC" is applied, it must be recorded against the "NSN" having the highest value sequence code in the subgroup. The JTC value itself must—

(a) Contain a subgroup value at least two greater than that of the "OOU" of the "NSN" it is recorded against.

(b) Be an "A" in the third position.

(c) Reflect an "OOU" recorded in segment H for that service or commodity integrated material manager.

c. To understand and apply the format and codes correctly, it is essential to make maximum use of authorized substitutes to satisfy Army needs.

Table 2–2
Interchangeable items (2-way)

Preferred stock number	Described stock number	OOU
1015–00–078–5502	1015–00–342–1133	AAA
	1015–00–772–7373	AAB
	1015–00–779–6027	AAC
	1015–00–078–5502	AAD

(1) The subgroup code (positions 1 and 2) is the same for each of the four described stock numbers. Since all items are in the same subgroup (AA), they can be freely interchanged.

(2) The sequence code (position 3) is incremented by one for each item in the family to show the order in which the items will be used. The item coded AAA will be used before the items coded AAB, AAC, and AAD. The item coded AAB will be used before the items coded AAC, and AAD and so on for the items coded AAC and AAD.

(3) If described stock number 1015–00–342–1133 is requested and is available, it will be used or issued. If there are no assets available, the next NSN (1015–00–772–7373) will be used or issued and so on until the last family member or preferred NSN is reached. Because these items are interchangeable, NSN 1015–00–342–1133 could be used or issued even though NSN 1015–00–078–5502 is requested and available.

Table 2–3
Substitute items (1-way progressive)

Preferred stock number	Described stock number	OOU
4935–00–084–8403	4935–00–083–8269	AAA
	4935–00–084–8404	ABA
	4935–00–084–8406	ACA
	4935–00–084–8403	ADA

(4) The subgroup code for each item is different, AA, AB, AC, and AD and has only a one-way substitution relationship with the other items indicated by the 3-position OOU code.

(5) The OOU code tracks each item to the next, meaning that each item is a substitute for all preceding items, but not the reverse. Code ABA is a substitute for AAA; ACA is a substitute for ABA and AAA; and ADA is a substitute for every other item in the group. However, AAA cannot be substituted for ABA, ACA, or ADA; ABA cannot be substituted for ACA or ADA; and ACA cannot be substituted for ADA.

(6) The sequence code remains the same for each item in this example. Technically, each item is a separate subgroup; therefore, the combined subgroup/sequence code must be used to determine the proper attrition or OOU.

Table 2–4
Substitute items (1-way, one item replaces several)

Preferred stock number	Described stock number	OOU	JTC
5120–00–236–2127	5120–00–227–7319	AAA	ADA
	5120–00–236–2100	ABA	ADA
	5120–00–227–9490	ACA	
	5120–00–236–2127	ADA	

(7) In this group, only item ADA (preferred stock number) is a substitute for the others as indicated by the JTC. Items AAA, ABA, and ACA are not substitutes for each other or the preferred item. OOU codes for items AAA and ABA track each item to itself first, the JTC then directs the user to the preferred stock number as the next suitable substitute. There is no JTC assigned to item ACA, as JTC subgroup value must be at least two greater in value than the subgroup value of the item it is recorded with. Normal OOU progression applies to this item.

Table 2–5
Combination of substitutable/interchangeable items, with jump-to-code application

Preferred stock number	Described stock number	OOU	JTC
6656–00–397–6254	6645–00–111–6019	AAA	ADA
	6645–00–718–3022	ABA	ADA
	6645–00–882–9799	ACA	
	6645–00–013–5962	ADA	
	6645–00–414–8277	ADB	
	6645–00–727–3014	ADC	
	6645–00–202–1101	ADD	
	6645–00–397–6254	ADE	

(8) This family contains both interchangeable and substitutable items. Whenever this situation occurs, substitutable items will be listed first in the family. The JTC denotes that item ABA cannot be substituted for item AAA and item ACA cannot be substituted for item ABA. The next suitable substitute is item ADA, the first item in the interchangeable subgroup and the continuation of normal OOU progression. Item ADE is the preferred item and will substitute for all others in the family.

2–18. Precautionary measures

The following precautionary measures must be taken by the NICP/SICC when establishing or modifying I&S groups:

a. When applicable, I&S relationships must apply to all known Army uses.

b. When using data presented by an I&S group, substitutes not specified and restricted by the OOUs codes may be used to satisfy specific applications. When this occurs, interrogations must be done on an individual item basis, and substitution authorized, only by approval of the requisitioner.

c. The following restrictions apply when establishing I&S groups:

(1) The stock number may appear in one and only one I&S OOU group.

(2) All stock numbers in the same I&S group must have a reasonable cost relationship.

(3) All stock numbers in the same I&S group must have the same UI and the same FSC.

(4) Each I&S family is limited to 50 stock numbers.

(5) All stock numbers must be active and must appear in the IDS.

(6) Preferred and related items must contain the same appropriation and budget activity (ABA) account code. This code is required for budget preparation and item accounting.

2–19. Procedures for Section II, major items

These records are not on file at LOGSA. LOGSA broadcasts these records in the monthly SSD. The term "major items," as used here is not limited to stock numbers designated as major items by activities according to other Army Regulations (ARs) or directives. Stock numbers assigned a LIN are shown in this section. Data does not reflect authorized I&S data but does relate stock numbers to the assigned LIN. It also relates the LIN to stock numbers. Data in this section are presented as follows:

a. Part 1, Major Item Cross-Reference File.

(1) The records are based on the LIN or stock number relationship. LOGSA broadcasts these records in stock number sequence to permit cross-reference to the major item group file.

(2) All records reflect a LIN.

(3) All records are generated by LOGSA based on information recorded in SB 700–20.

b. Part 2, Major Item Group File.

(1) LOGSA broadcasts these records in LIN sequence from the records generated in part 1 above. Records so generated, are included in the same change notice as the part 1 record, from which they were created.

(2) LINs identify generic groups containing items that have common physical and performance characteristics and can satisfy the same operational need. However, some items identified by the same LIN as having the same functional capability are not totally interchangeable. For example, clothing type items due to size and alphabetic flags are subject to management review to determine supply.

2–20. Procedures for Section III, ammunition and explosives

a. Part 1, cross-reference stock number to Department of Defense Ammunition Code file. This file is in stock number sequence to permit cross-reference to the DODAC group file, part 2.

b. Part 2, Department of Defense Ammunition Code group file.

(1) These records are not on file at LOGSA. LOGSA broadcasts these records in the monthly SSD.

(2) Records are generated by LOGSA from records input to part 1.

(3) This file is in DODAC sequence to permit cr oss-reference to part 1 submitted by the file originators.

c. Ammunition and explosive items. Ammunition and explosive items are not subject to phrase codes (except "A" and "C") and "OOU," because of the differences in production capabilities asset position, asset location, customer location, transportation needs, for example. Therefore, phrase codes and I&S group concepts do not apply to this file.

d. Use of Department of Defense Ammunition Code numbers. When ammunition operations are done based on a generic description, the entire 8-character code number will be used: For example "1305–A011."

e. Use of National Stock Number and North Atlantic Treaty Organization numbers. When ammunition operations are done based on specific items of supply, the 13-digit stock number will be used followed by the second part of the DOD ammunition code number, for example: "1305–00–011–7217–A011."

Section VI
History Segment

2–21. Overview

This segment provides a means for determining the most current identifying number assigned to an item of supply, replacing numbers removed from the supply system, and limited management data for the identifying numbers.

2–22. Section I–Item data history

a. A file of the following types of identifying numbers that are deleted from the AMDF are maintained at the LOGSA:

(1) NSNs.

(2) MCNs as follows:

(a) Medical MCNs.

(b) MCNs that were used in supply transactions now prohibited by AR 708–1.

b. Army activities will use item data history (IDHIS) identifying numbers only in publications (for example, technical manuals, technical bulletins, modification work orders, supply and maintenance letters). Army activities will not use IDHIS identifying numbers in supply transactions, including the support of standard equipment used by U.S. Armed Forces or limited standard or obsolete equipment used by friendly foreign countries in programs controlled by the U.S. Army Security Assistance Center.

c. LOGSA or the AMDF originator will submit a transaction to correct erroneous records on the IDHIS. For these transactions, LOGSA or the AMDF originator ensures that the effective date is the first of any month, current or past, and that the transaction is compatible with the item data segment. LOGSA will distribute the change to Army users of the AMDF with the next monthly broadcast.

d. The IDHIS is maintained at the LOGSA in two configurations—

(1) A cross-reference file that relates former numbers to the current or last related identifying number. LOGSA maintains and issues this file in identifying number sequence. LOGSA cross-references all identifying numbers deleted from the AMDF with phrase codes "A," "C," "D," or "P" directly to the replacing item.

(2) A current number file that relates the current or last related identifying number to former identifying Numbers assigned to the same item of supply.

e. LOGSA and recipients must perform the following to maintain the cross-reference file:

(1) Remove the related number status code from position 68 in all cross-reference records that have in positions 42 through 54 the IDS record positions 8 through 20 stock number because of processing a group 8 transaction to the IDS.

(2) Create a cross-reference record using phrase code D to reflect the relationship between a cross-reference related number and IDS record number when an IDS transaction activates a NIIN with a FSC different from the FSC of an identical cross-reference related NIIN.

2–23. Section II–interchangeable and substitutable history

A file of all identifying numbers deleted from Section I, part 1 and section II, part 2 of the I&S segment will be maintained in LOGSA.

2–24. Section III–component history

A file of all identifying numbers deleted from the component segment will be maintained in LOGSA.

2–25. Special instructions

a. Army activities requiring more information on an item deleted from the AMDF may contact the AMDF originator as determined by the originator code or the first position of the materiel category structure code.

b. The AMDF originator will delete erroneous records from the history segment.

c. LOGSA distributes corrective history segment transactions only to Army activities that have requested to be placed on distribution. LOGSA does not distribute changes based on internal transactions created as a result of an update of the active AMDF.

d. If an Army user needs the current number history file, they may create one by re-sequencing the cross-reference history file.

Section VII
Component Segment

2–26. Provisions

This segment provides a way to record, maintain, and issue data for stock numbers assigned a phrase code "M" (breakdown into) or "Q" (fabricate or assemble).

2–27. Concept

a. LOGSA will file and retain in the AMDF and then distribute component records for each Army used or managed NSN assigned phrase code M or Q.

b. The Army PICA/SICA ensures that if there is a materiel management action affecting an NSN in the component segment, the necessary transactions are prepared to adjust the component segment.

c. Army users may submit questions about the completeness or accuracy of component segment records to the AMDF originator.

Section VIII
Equivalent Item Segment

2–28. Functions

a. The Army PICA/SICA establishes logistics management data for each Army used or managed NSN that is equivalent to another in physical and performance characteristics, but that differs in unit quantity or UI.

b. Many items in this segment are liquids that are available in different UIs; for example, pint, gallon, or barrel.

2–29. Concept

a. LOGSA files, retains in the AMDF and distributes equivalent item segment records for each Army used or managed NSN assigned phrase code Y.

b. The Army PICA/SICA ensures that if there is a materiel management action affecting an NSN in the equivalent item segment, the necessary transactions are prepared to adjust the equivalent item segment.

Section IX
Hazardous Materials Data File

2–30. Introduction
This section prescribes procedures for operating and managing the Hazardous Material Data File (HMDF). The HMDF is a database containing information on hazardous items used to assist Army transportation activities in the movement of dangerous cargo safely and promptly.

2–31. Hazardous Materials Data File data elements
a. The Army PICA/SICA will submit the following data elements to LOGSA for each Army used or managed NSN determined hazardous:

(1) Activity measurement.
(2) ADC.
(3) ACSH code.
(4) Chemical physical form.
(5) Class A explosive weight.
(6) Class B explosive weight.
(7) Commercial and Government entity code (CAGEC).
(8) Decimal locator code.
(9) DOD hazard classification and division.
(10) Department of Defense identification code (DODIC).
(11) Department of Transportation (DOT) shipping name code.
(12) Document identifier code (DIC).
(13) Fissile class.
(14) Fissile exempt.
(15) Flashpoint method code.
(16) Flashpoint temperature.
(17) International Air Transport System proper shipping name code.
(18) Inter-governmental Maritime Consultative Organization proper shipping name code.
(19) Item name.
(20) NSN.
(21) Net explosive weight for quantity distance.
(22) New weight or volume of hazardous material.
(23) Neutralizing agent.
(24) Nuclear Regulatory Commission (NRC) license number.
(25) Originating activity code.
(26) Radiation level at one meter from the radioactive commodity.
(27) Radiation level at the surface of the radioactive commodity.
(28) Radionuclide.
(29) Record sequence number.
(30) Reference number logistics.
(31) Service authorization number.
(32) Special instruction narrative.
(33) Special instruction narrative indicator code.
(34) Storage compatibility group.
(35) TM 38–250 proper shipping name code.
(36) Transaction date.
(37) Transport group.
(38) Transport index.
(39) UI code.

b. The USAMC Packaging, Storage, and Containerization Center maintains the data elements listed in (1) through (4) below within the Hazardous Materials Information Resource System.

(1) General information.
(a) Product serial number.

(b) Product identity.
(c) Trade name.
(d) Language.
(e) Product chemical abstracts service (CAS) number.
(f) Part number.
(g) FSC.
(h) NIIN.
(i) Local item identification number.
(j) Responsible party.
(k) CAGEC.
(l) Material SDS number.
(m) Emergency response phone number.
(n) Additional information.
(2) Contract information.
(a) CAGEC.
(b) Company code.
(c) Contractor name.
(d) Contract number.
(e) Purchase order number.
(f) Contractor address.
(3) Component/Ingredient Information.
(a) CAS number.
(b) Amount.
(4) Safety and health information.
(a) Appearance and odor.
(b) Physical state code.
(c) Autoignition temperature.
(d) Flashpoint temperature.
(e) Carcinogen identification.
(f) Volatile organic compounds.
(g) Specific gravity.
(h) Vapor pressure.
(i) Viscosity.
(j) Evaporation rate.
(k) Solubility in water.
(l) Vapor density.
(m) Percent volatiles by volume.
(n) Neutralizing agent.
(5) Transportation information.
(a) Competent authority approval number.
(b) Certificate of equivalency number.
(c) DOT special permit number.
(d) Not otherwise stated (NOS) technical name.
(e) EX number.
(f) Hazard characteristic code.
(g) Magnetic material identifier.
(h) Flashpoint temperature.
(i) Limited quantity identifier.
(j) Marine pollutant identifier.
(k) Net propellant weight.
(l) Net explosive weight.
(m) High explosive weight.
(n) Net explosive quantity distance weight.
(o) DOD reportable quantity identifier.
(p) Additional information.
(q) DOT proper shipping name code.

(r) Proper shipping name.
(s) Hazard class/division.
(t) United Nations Identification Number.
(u) Packing group.
(v) Hazard label.
(w) Special provisions.
(x) Packaging instructions.
(y) Maximum quantity amounts.
(z) Water shipment instructions.
(aa) Air Force Joint manual proper shipping name code.
(ab) Subsidiary risk.
(ac) Packaging paragraph.
(ad) International Air Transport Association code.
(ae) Passenger air packaging instructions.
(af) Cargo packing instructions.
(ag) International maritime organization proper shipping name code.
(ah) Intermediate bulk container instructions.
(ai) Tank instructions.
(aj) Stowage/segregation information.
(6) Logistics information.
(a) Item manager.
(b) Specification number.
(c) Type/grade/class.
(d) Quantitative expression.
(e) SLC.
(f) UI.
(g) UI container quantity.
(h) Type container.
(i) Net unit weight.
(7) Label information.
(a) Signal word.
(b) Procurement year.
(c) Specific hazards information.
(8) Disposal information.
(a) Environmental Protection Agency Hazardous Waste Indicator.
(b) Hazardous waste code.
(c) Hazardous waste name.
(d) Additional information.
(9) Radioactive information.
(a) Form.
(b) Sealed source device registry number.
(c) NRC license/permit number.
(d) Radioisotope name.
(e) Radioisotope symbol.
(f) Radioactive CAS.
(g) Activity.

2–32. Hazardous classification data file record

The Army PICA/SICA submits to LOGSA and LOGSA will maintain on file hazardous classification data file records.

2–33. Hazardous Materials Data File document identifier codes

HMDF DICs will be comprised of three positions.
a. The first position will identify the HMDF, and will always be an "H."
b. The second position will identify the record as follows:
(1) A–HMDF record A. (Proper shipping name record).
(2) B–HMDF record B. (Radioactive item record.).
(3) C–HMDF record C. (Radioactive item record).

(4) D–HMDF record D. (Radioactive item record).
(5) E–HMDF record E. (Ammunition record).
(6) F–HMDF record F. (Special instructions narrative record).

c. The third position will identify the action as follows:
(1) Code A used to add a record.
(2) Code C used to change a record.
(3) Code D used to delete a record.

Section X
Army Master Data File Authorized Stockage List Weight and Cube Extract System

2–34. Overview
LOGSA operates an AMDF ASL weight and cube extract system to allow Army users (or any other group of NIINs) to receive weight and cube data.

2–35. Reply records
LOGSA processes the input records and specification per the requester.

Section XI
Special Army Data Segment

2–36. Overview
The special Army data segment provides a way for LOGSA to provide the user in the field various logistics management data elements.

2–37. Special considerations
This segment is used for output from LOGSA only. The format in this segment will not be used for input to LOGSA.

Section XII
Medical User Data Segment

2–38. Overview
The medical user data segment provides logistics management data for SCMC 8 (medical items).

2–39. Special considerations
Only U.S. Army Medical Materiel Activity may submit data for this segment.

Section XIII
Accounting Requirements Code Selection Criteria

2–40. Accounting requirements
The ARC is a 1-position, alphabetic code that identifies the level of accounting required for an item of supply within the Army retail supply system. All items of supply are entered into the stock record account (SRA) of the unit. The ARC identifies the level of accounting that is required once an item is issued from the SRA.

2–41. Data codes and definitions
The following identify and define each of the acceptable values of the ARC:

a. N-nonexpendable item. An item of Army property coded with an ARC of "N" in the AMDF. Nonexpendable items require property book accountability after issuing from the SRA. Commercial and fabricated items similar to items coded N in the AMDF are considered nonexpendable items.

b. D-durable item. An item of Army property coded with an ARC of "D" in the AMDF. Durable items do not require property book accountability after issue from the SRA, but do require hand receipt control when issued to the user. Commercial and fabricated items similar to items coded D in the AMDF are considered durable items.

c. X-expendable item. An item of Army property coded with an ARC of "X" in the AMDF. Expendable items require no formal accountability after issuing from an SRA. Commercial and fabricated items similar to items coded X in the AMDF are considered expendable items.

2–42. Selection criteria
The following paragraphs specify the procedures to be used by the item manager to select the ARC to be assigned an

item of supply. These same procedures apply to retail activities in the assignment of the ARC to locally procured items.

a. If the class of supply has not been assigned, do not proceed. The class of supply is the key to selecting the correct ARC. The class of supply must be determined before selecting the ARC. Once the class of supply is identified, proceed through the remainder of the criteria and select the appropriate ARC.

b. If the class of supply has been assigned, review the assigned class of supply to assure that it is correct. After assuring that the class of supply is correct, proceed through the remainder of the criteria and select the appropriate ARC.

c. If the item is assigned class I (code 1), subsistence; class III (code 3), petroleum, oil, and lubricants (POL); class VI (code 6), personal demand items; or class IX (code 9), repair parts and assemblies; the item is expendable. Assign ARC "X" to the item of supply.

d. If the item is assigned class V (code 5), ammunition, proceed as follows:

(1) If the subclassification of supply is not equal to "L," missile materiel, the item is expendable. Assign "ARC X" to the item of supply.

(2) If the subclassification of supply is equal to L, proceed as follows:

(a) If the item is a training device assigned to class of supply V to assure transportation through munitions channels, the item is nonexpendable. Assign ARC "N" to the item of supply.

(b) Otherwise, the item is expendable. Assign ARC "X" to the item of supply.

e. If the item is assigned class VII (code 7), major end items; the item is nonexpendable. Assign ARC "N" to the item of supply.

f. If the item is assigned class VIII (code 8), medical materiel; the ARC is selected through use of the medical materiel "ARC" selection criteria established by The Surgeon General (see AR 40–61).

g. The following paragraphs provide the selection criteria applicable to class II (code 2), nonmajor end items; class IV (code 4), construction materiel, and class X (code 0), non-military program materiel.

h. If the item is recorded in SB 700–20, proceed as follows:

(1) If the item is assigned Federal supply classifications 8405, 8410, 8415, 8420, 8425, 8430, 8435, 8440, 8445, or 8450, proceed as follows:

(a) If the item is a bag item (that is, the item is a piece of personal equipment issued from the military personnel appropriation to an individual on entry into the military service), the item is expendable. Assign ARC "X" to the item of supply.

(b) If the item is authorized by common table of allowances (CTA) 50–970, code the item of supply as Expendable (ARC=X). If the item is authorized by CTA 50–900, code the item of supply as nonexpendable (ARC=N).

(c) If the item is not a bag item or authorized by CTA 50–970, the item is coded as nonexpendable. Assign ARC "N" to the item of supply.

(2) If the item is assigned to FSC 3510, 4110, 4140, 6240, 7105, 7110, 7125, 7195, 7210, 7220, 7230, 7290, 7310, 7320, 7350, 7820, or 7910, proceed as follows:

(a) If the unit price is less than $300, and assigned a CIIC of "U" or "7", the item is coded expendable. Assign ARC "X" to the item of supply.

(b) If the unit price of the item is over $300, but less than $2,500 and is assigned a CIIC of "U" or "7", the item is coded durable. Assign ARC "D" to the item of supply.

(c) Otherwise, the item is nonexpendable. Assign ARC "N" to the item of supply.

(3) If the item is not assigned one of the above-identified FSCs, the item is nonexpendable. Assign ARC "N" to the item of supply.

i. If the item is assigned FSCs 8465, 8570, or 8475, as ARC "N" or "X", as applicable, to the item of supply.

j. If the item is assigned FSC 8340, tents and tarpaulins proceed as follows:

(1) If the item is an end item, the item is nonexpendable. Assign ARC "N" to the item of supply.

(2) Otherwise, if the item is a component of a tent or tarpaulin, the item is expendable. Assign ARC "X" to the item of supply.

k. If the item is assigned "FSC 8345," flags and pennants, proceed as follows:

(1) If the item is a member of one of the following categories of flags and pennants, the item is nonexpendable. Assign ARC "N" to the item of supply. Nonexpendable flags and pennants categories follow:

(a) Organizational colors.

(b) National flags (except for grave decoration and automobile flags).

(c) State flags.

(d) Positional colors.

(e) Distinguishing flags.

(2) All other flags and pennants are expendable. Assign ARC "X" to these items.

l. Items not assigned an ARC according to the above criteria are considered to be expendable. Assign ARC "X" to these items of supply.

Table 2–6
Hand tool and measuring tool Federal supply classifications, sample listing of hand tool and measuring tool Federal supply classifications

5110	5130	5136	5180	5220
5120	5133	5140	5210	5280

Table 2–7
Expendable items Federal supply classifications, sample listing of expendable item's Federal supply classifications

2510	2995	5320	5670	5977	7920	8325	9505
2520	3010	5325	5680	5985	7930	8330	9510
2530	3020	5330	5905	5990	8010	8435	9515
2540	3030	5335	5910	5995	8020	8455	9520
2590	3040	5340	5915	5999	8030	8510	9525
2610	3110	5345	5920	6105	8040	8520	9530
2620	3120	5350	5925	6145	8105	8530	9535
2630	3130	5355	5930	6750	8110	8540	
2640	4010	5360	5940	6810		9310	9545
2910	4020	5365	5945	6820	8120	9320	9610
2915	4030	5510	5950	6830	8125	9330	9620
2920	4510	5520	5955	6840	8130	9340	9630
2925	4710	5530	5960	6850	8135	9350	9640
2930	4720	5610	5961	7340	8140	9390	9650
2935	4730	5620	5962			9410	9660
2940	4810	5630	5963	7510	8305	9420	9670
2945	4820	5640	5965	7520	8310	9430	9680
2950	5310	5650	5970	7530	8315	9440	
2990	5315	5660	5975	7540	8320	9450	

Table 2–8
Nonexpendable Items Federal supply classifications, sample listing of nonexpendable item's Federal supply classifications

2210	3426	3590	3750	4420	5450	6630	7035
2220	3431	3605	3810	4430	5805	6635	7040
2230	3432	3610	3815	4440	5810	6636	7042
2305	3433	3611	3820	4450	5811	6640	7045
2310	3436	3615	3825	4460	5815	6645	7050
2320	3438	3620	3830	4520	5820	6650	7360
2330	3439	3625	3910	4540	5821	6655	7420
2340	3441	3630	3915	4910	5825	6660	7430
2350	3442	3635	3920	4920	5826	6665	7435
3210	3443	3640	3930	4921	5830	6670	7440
3220	3444	3645	3940	4923	5831	6675	7450

Table 2–8
Nonexpendable Items Federal supply classifications, sample listing of nonexpendable item's Federal supply classifications—Continued

3405	3445	3650	3950	4925	5835	6680	7460
3408	3446	3655	3960	4927	5840	6685	7490
3410	3447	3660		4930	5841	6695	7710
3411	3448	3670	4120	4931	5845	6710	
3412	3449	3680	4130	4933	5850	6720	
3413 3414	3450 3461	3685 3690	 4210	4935 4940	5855 5860	6730 6740	
3415	3465	3693	4220	4960	5865	6780	
3416	3470	3694	4230	5410	5895	7010	
3417		3695	4240	5411	6605	7020	
3418	3520	3710	4310	5420	6610	7021	7720
3419	3530	3720	4320	5430	6615	7022	
3422	3540	3730	4330	5440	6620	7025	8460
3424	3550	3740	4410	5445	6625	7030	8820

m. If the item is assigned FSC 8115, 8145, or 9540, proceed as follows:

(1) If the item is an end item, the item is nonexpendable. Assign ARC "N" to the item of supply.

(2) Otherwise, if the item is a component of a container, the item is expendable. Assign ARC "X" to the item of supply.

Chapter 3
Army Enterprise Material Master Code Data

3–1. Code data requirement

The code system in this section must be used by all Army activities that input to or receive output from the AEMM/AMDF.

3–2. Code explanations

The following code definitions are arranged in data name sequence and list the appropriate tables, when applicable, in which the specific codes can be found:

a. Accounting requirements code. The ARC, as shown in table 3–1, is a 1-position alphabetic code that labels an item expendable, nonexpendable, or durable (see AR 40–61, AR 710–2, and AR 735–5.) This code does not apply to disposal authority of unserviceable items, which is governed by the RC.

b. Acquisition advice code. The AAC is a 1-position alphabetic code that informs the requisitioner how, and under what conditions, an item will be acquired. It does not specify the SOS for the item. This code is in the IDS of the AMDF (see table 3–2).

Table 3–1
Accounting requirements codes

Code	Explanation
N	Nonexpendable item. An item of Army property coded with an ARC of N in the AMDF. Nonexpendable items require property book accountability after issuing from the stock record account. Commercial and fabricated items similar to items coded N in the AMDF are considered nonexpendable items.
D	Durable item. An item of Army property coded with an ARC of "D" in the AMDF. Durable items do not require property book accountability after issue from the stock record account, but do require hand receipt control when issued to the user. Commercial and fabricated items similar to items coded D in the AMDF are considered durable items.

Table 3–1
Accounting requirements codes—Continued

Code	Explanation
X	Expendable item. An item of Army property coded with an ARC of X in the AMDF. Expendable items require no formal accountability after issue from a stock record account. Commercial and fabricated items similar to items coded X in the AMDF are considered expendable items.

Table 3–2
Acquisition advice codes

Code	Explanation
A	Service regulated. Issue, transfer, or shipment is controlled by authorities above the ICP level to ensure proper and equal distribution. a. Using or stocking of the item requires release authority based on prior or concurrent justification. b. Requisitions will be submitted according to Army requisitioning procedure.
B	ICP regulated. Issue, transfer, or shipment is controlled by the ICP. a. Using or stocking of the item requires release authority based on prior or concurrent justification. b. Requisitions will be submitted according to Army requisitioning procedure.
C	Service managed. Issue, transfer, or shipment is not subject to special control except those imposed by individual services' supply policy. a. The item is centrally managed, stocked, and issued. b. Requisitions will be submitted according to Army requisitioning procedures.
D	DOD IMM stocked and issued. Issue, transfer, or shipment is not subject to special controls except those imposed by the IMM/Army supply policy. a. The item is centrally managed, stocked, and issued. b. Requisitions must contain the fund citation required to acquire the item. Requisitions will be submitted according to IMM/Army requisitioning procedure (see note 1).
E	Other service managed, stocked, and issued. Issue, transfer, or shipment is not subject to special controls except those imposed by the Services' requisitioning policy. a. The item is centrally managed, stocked, and issued. b. Requisitions may require a fund citation and will be submitted according to the Army requisitioning procedure.
F	Fabricated or assembled (or obtain items source coded XB from cannibalization). Stock numbered items fabricated or assembled from raw materials and finished products are the normal method of support. Procuring and stocking the items is not justified because of low usage or peculiar installation factors. Differences between local or centralized fabrication or assembly capability are identified by the SOS modifier in the SOS column of the service management data lists. (When an Army requirement for an item source coded XB cannot be satisfied through cannibalization, the item will be centrally procured, but not stocked.) A requisition for such an item, when submitted to an Army SOS manager must contain advice code 2A, or it will be rejected with status code CN.
G	General Services Administration (GSA)-IMM stocked and issued. Identifies GSA-managed items available from GSA supply distribution facilities. Requisitions and fund citations will be submitted according to GSA/Army requisitioning procedure.
H	Direct delivery under a central contract. Issue, transfer, or shipment is not subject to special controls except those imposed by the integrated material manager/Army supply policy. a. The item is centrally procured, but not stocked. b. Issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. c. Requisitions and fund citations will be submitted according to IMM/Army requisitioning procedures.
I	Direct ordering from a central contract or schedule. Issue, transfer, or shipment is not subject to special controls except those imposed by the IMM/Services supply policy. The item is covered by a centrally issued contract or by a multiple award Federal Supply Schedule for GSA-managed items. This permits using activities to place orders directly to vendors for direct delivery to the user.
J	Not stocked, long lead time. IMM/Service centrally managed, but not stocked, item. Procurement will be started after a requisition is received.
K	Centrally stocked for overseas only. The main method of supply is local purchase. However, item is stocked in domestic supply system for those overseas activities unable to locally procure. CONUS activities will obtain supply support through local procurement procedures.
L	Locally purchased. DLA/GSA/Service/agency managed items authorized for local purchase as normal means of support at base, post, camp, or station level. Item not stocked in the wholesale distribution system of IMM/Service or agency ICP.

Table 3–2
Acquisition advice codes—Continued

Code	Explanation
M	Restricted requisitions-major overhaul. Items (assemblies or component parts), which for lack of specialized tools, test equipment, for example, can be used only by major overhaul activities. Base, post, camp, or station activities will not requisition, unless authorized to perform major overhaul functions.
N	Restricted requisitioning-disposal. Discontinued items no longer authorized for issue except on the specific approval of the service inventory manager. Requisitions may be submitted according to service requisitioning procedures when valid requirements exist and replacing item data have not been furnished.
O	Packaged fuels (nonstocked items). DLA-managed and Service-regulated. a. Item will be centrally procured according to DOD 4140.25–M, but not stocked by IMM. A long lead time is required. b. Requirements will be satisfied by direct shipment to the user either from a vendor or from service assets at the order of the ICP or IMM. c. Requirements and requisitions will be submitted according to service procedures.
P	Restricted requisition-Security Assistance Program (SAP). a. Indicates item is stocked or acquired only for SAP (replaces Military Assistance Program (MAP)) requirements. b. Indicates item is nonstocked and material is ordered from the contractor for shipment directly to the foreign Government. c. Base, post, camp, or station will not requisition.
Q	Bulk petroleum products, DLA managed. a. Item may be either centrally stocked or available by direct delivery under a central contract. b. Requirements will be submitted by services according to IMM procedures. c. Item will be supplied according to DOD 4140.25–M.
R	Restricted requisition Government-furnished material. Indicates item is centrally procured as Government-furnished material in connection with the manufacture of military items. Base, post, camp, or stations will not requisition.
S	Restricted requisitioning-other service fund. For service managed items, when the issue, transfer, or shipment is subject to special controls of the funding service. a. Item is procured by Army for the funding service and is centrally managed by the funding service. b. The procuring servicing has no requirement in its logistic system for the item.
T	Condemned. Items no longer authorized for procurement, issue, use, or requisitioning.
V	Terminal item. Identifies items in stock, but future procurement is not authorized. Requisitions may be submitted until stocks are exhausted. Preferred item NSNs are normally provided by applying the phrase, “When exhausted use.” Requisitions will be submitted according to IMM/Army requisition procedures, as applicable.
W	Restricted requisitioning-special instructions apply. Indicates stock number has been assigned to a generic item for use in bid invitations, allowance lists (for example, against which no stocks are ever recorded). Requisitions will be submitted only according to IMM/Army requisition procedures. (This code will be used, when applicable, together with phrase code S (stock as).) It can be used when a procurement source becomes available. The phrase code “S” and the applicable “stock as” stock number will then be used in stock, store, and issue actions.
X	Semiactive item-no replacement. A potentially inactive stock number that must be retained in the supply system as an item of supply because— a. Stocks of the item are on hand or in use below the wholesale level. b. The item is reflected in equipment authorization documents, table of organization and equipment (TOE), tables of allowance, and technical manual (TM), for example. c. “In use” assets are being reported. (1) Items are authorized for central procurement, but not authorized for stock at the wholesale level. (2) Requisitions for “in use” replacement will be authorized according to Army directives. (3) Requisitions may be submitted as requirements generate. Constant demands may dictate an AAC change to permit wholesale stockage.
Y	Terminal item. Further identifies AAC V items on which wholesale stocks have been exhausted. Future procurement is not authorized. a. Requisitions will not be processed to the wholesale suppliers. b. Requisitioning may continue according to requisitioning policies. (See note 2)

Table 3–2
Acquisition advice codes—Continued

Code	Explanation
Z	Insurance/numeric stockage objective item. Items that are required occasionally and prudence dictates that a small amount of material be stocked because of the need for the lead time of the item. a. The item is centrally managed, stocked, and issued. b. Requisitions will be submitted according to IMM and Army requisitioning procedures.

Notes:
1 The SOS shown in positions 30–32 of the IDS will be a DLA center or the GSA with the special requirements code D (DLA) or S (GSA) in position 66 of the IDS. Special requirements code D designates the SOS modifier JDS identifying DLA supply schedule items; S designates SOS modifier JDS identifying GSA supply schedule items.
2 AAC Y will be used to identify DOD nonstandard items, which are not to be requisitioned by Army activities; although, in some instances, the integrated manager may continue to procure, stock, and supply non-Army agencies.

c. Activity or file originator code. LOGSA uses multi-position alphanumeric codes to identify activities when exchanging data. There are two types of codes assigned. Those assigned to AMDF file originators and those assigned to AMDF recipients.

(1) *Army Master Data File originator code.* AMDF originator codes are assigned by DLIS. These codes are used by the AMDF File originators when transmitting data to DLIS, other services, or LOGSA; or receiving data from DLIS, other services, or LOGSA.

(2) *Army Master Data File recipient activity code.* AMDF recipient activity codes are assigned by LOGSA. Single source recipients are automatically furnished an activity code by LOGSA. These activity codes are alphanumeric codes and are assigned according to the AMDF data received. Those activities receiving AMDF data through the distribution subsystem and the AMDF Tailored Distribution System will be assigned a 3-position alphanumeric code. Those receiving AMDF data through the AMDF Integration and Retrieval System and also ARIL data will be assigned a 2-position alphanumeric code. Activities that are not AMDF recipients, but wish to receive services provided by LOGSA, will contact LOGSA for a code assignment (see table 3–3).

d. Air commodity and special handling code. The ACSH code is a 1-position alphanumeric code used for all air shipments (see table 3–4). It identifies material for invoice and customs requirements and denotes cargo needing special handling or reporting. This code is in the freight segment of the AMDF.

Table 3–3
Activity code/file originator code

Activity code	AMDF originators	Routing identifier code
AJ	U.S. Army Soldiers, Biological and Chemical Command, Natick, MA 01760	A12
AM	U.S. Army Medical Materiel Agency , Frederick, MD 21702–5001	B69
AN	USAMC Logistics Support Activity, Redstone Arsenal, AL 35898–7466	N/A
AZ	U.S. Army Tank-Automotive Command, Warren, MI 48397–5000	AKZ
BD	U.S. Army Aviation and Missile Command , Redstone Arsenal, AL 35898–5230	B64
BF	U.S. Army Armament and Chemical Acquisition Logistics Activity, Rock Island, IL 61299–6000	B14
CA	U.S. Army Soldiers Biological and Chemical Command, U.S. Army Support Organization, Philadelphia, PA 19101	AP5
CD	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008	A35
CL	U.S. Army Communications-Electronics Command, Director of Logistics, Engineering and Operations, Aberdeen Proving Ground, MD 21005	B16
CM	U.S. Army CECOM Communications Security Logistics Activity, Fort Huachuca, AZ 85613–7090	B56
CT	U.S. Army Aviation and Missile Command, Redstone Arsenal, AL 35898	B17

Table 3–4
Air commodity and special handling code

Code	Description
	First positions (alpha-numeric), commodity
A	Supplies and equipment for aircraft and aerial targets, including aircraft and maintenance parts; aircraft accessories, aircraft instruments and laboratory test equipment; aerial targets and gliders, aircraft/missile technical order compliance kits; aerial delivery equipment, and tailored tarpaulins; for example.
B	Construction materials, including paint and related materials, prefabricated building, wood and wood products, metal and composition materials and their products, commercial hardware and miscellaneous items, cement, asphalt, and building maintenance materials, for example.
C	Chemical Corps items and all other chemicals not covered in other classifications. When chemical item (as indicated by DOT proper shipping name) is sensitive, the second position must be selected from special handling codes for arms, ammunition, and explosives.
D	Animals.
E	Engineer supplies, except those listed under code B.
F	Fuels, and lubricants, including gasses; fuels and lubricating supplies and equipment; gas generated supplies and equipment, other than noxious gasses.
G	Printed forms, publications, and drawings, for example.
H	Signal Corps supplies and equipment, including radio equipment and supplies, communications equipment and supplies, electrical equipment and supplies, for example.
J	Unaccompanied baggage authorized air movement.
K	Clothing, parachutes, including clothing equipment, except arms and chemical supplies, cordage, fabrics, and leathers, for example.
L	Armed Forces Courier Service materiel includes communication documents, cryptologic equipment, and State Department diplomatic materiel.
M	Medical supplies.
N	Ship's parts, Navy.
P	Photographic supplies and equipment, including training films.
Q	Plants, plant products, insects, mites, nematodes, mollusks, soil, meat (other than rations), animal products, vectors and cultures of animal and plant diseases.
R	Rations and subsistence supplies.
S	Office and school supplies and equipment, including (for example, office machines, furniture, and stationery; school supplies and equipment, special training films).
T	Household goods.
U	Mail.
V	Vehicles, machinery, shop and warehouse equipment and supplies, including special tools and equipment, ground servicing and special purpose vehicles, marine equipment and supplies, repair and maintenance parts for the above.
X	X Intelligence materials, including maps, charts, data, and information vital to, but not limited to, the following military functions: flight safety, escape and evasion, current offensive/defensive operations, foreign clearance requirements, targeting, National Aeronautics and Space Administration projects.
Y	Personnel services.
Z	Human remains.
2	Weapons (all types). When a 2 is indicated in the first position, then the special handling code must be determined from special handling codes (second position).
3	Ammunition (all types). When a 3 is indicated in the first position, then the special handling code must be determined from the special handling codes (second position). If the primary hazard of the ammunition item is chemical (irritant, corrosive, oxidizer) in nature, as indicated by the DOT proper shipping name, use air commodity code C.
4	Explosives (any item that has an explosive characteristic that does not fall under the ammunition code 3 above). When a 4 is indicated in the first position, then the special handling code must be assigned from the special handling codes (second position).
	Second position-special handling:
A	Hazardous material requiring hand-to-hand receipt.

Table 3–4
Air commodity and special handling code—Continued

Code	Description
B	Whole blood
D	Hazardous material includes all regulated items other than special weapons and their components.
E	Aircraft engine drained and purged (DD Form 1387–2 (Special Handling Data/Certification) must so certify).
F	Foodstuffs requiring normal refrigeration.
G	Aircraft engines drained and purged (DD Form 1387–2 must certify to that effect.)
H	Special weapons, including hazardous components.
I	Inbound shipment.
J	Materiel normally hazardous, rendered non-hazardous for shipment processing. (DD Form 1387 (Military Shipping Label) must certify to that effect.)
K	Materials that must be accompanied by a military courier and when required under armed guard.
L	Sets or systems that must move together to the consignee.
P	Cargo requiring protection from freezing.
Q	Extremely fragile items, including delicate instruments.
R	Revenue.
T	Cargo requiring both normal refrigeration and hand-to-hand receipt.
U	Perishable cargo requiring refrigeration only.
V	Vaccine.
W	Highly perishable cargo requiring subfreezing refrigeration and hand-to-hand receipt.
X	Highly perishable cargo requiring both subfreezing refrigeration and hand-to-hand receipt.
Y	Protected cargo, other than above including sensitive cargo requiring hand-to-hand receipt and security precautions.
Z	No special handling required.
Second position-special handling: Arms, ammunition, and explosives. When the first position is C (when sensitive), 2, 3, or 4. (See note 1)	
1	Highest sensitivity: Category I, arms, ammunition, and explosives. a. Arms. Category I, non-nuclear missiles and rockets in a ready to fire configuration (for example, Hamlet, Redeye, Stinger, Dragon, light anti-tank weapons (LAW), and Viper). 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. b. Ammunition and explosives. Category I, explosive complete rounds or category I missiles and rockets (see a above).
2	Highest sensitivity: Category II, arms, ammunition, and explosives. a. Arms. Category II, arms, light automatic weapons up to and including .50 caliber. b. Ammunition. (1) Hand or rifle grenades, high explosives, and white phosphorus. (2) Mines, antitank, and antipersonnel (unpacked weight of 50 lbs. or less each). c. Explosives. (1) Used in demolition operations (for example, C–4, military dynamite and trinitrotoluene). (2) High explosive warheads for missiles and rockets other than category I (unpacked weight of 50 lbs. or less each).
3	Moderate sensitivity: Category III, arms, ammunition, and explosives. a. Arms. (1) Launch tubes and grip stock for stinger missile. (2) Launch tube, sight assembly, and grip stock for Hamlet and Redeye missiles. (3) Tracker for Dragon missiles. (4) Mortar tubes excluding the 4.2 inch. (5) Grenade launchers. (6) Rocket and missile launchers (unpacked weight of 100 lbs. or less each). (7) Flame throwers. (8) The launcher and missile guidance set and/or the optical sight for the tube-launched, optically-tracked, wire-guided (tow). b. Ammunition. (1) Ammunition .50 caliber or larger, with explosive filled projectile (unpacked weight of 100 lbs. or less each). (2) Grenades, incendiary, and grenade fuses. c. Explosives. (1) Blasting caps. (2) Supplementary charges. (3) Bulk explosives. (4) Detonating cord.

Table 3–4
Air commodity and special handling code—Continued

Code	Description
4	Low sensitivity: Category IV, arms, ammunition, and explosives. a. Arms. (1) Shoulder fired weapons, other than grenade launchers, not fully automatic. (2) Handguns. (3) Recoilless Rifles up to and including 90mm. b. Ammunition. (1) Ammunition with nonexplosive projectile (unpacked weight of 100 lbs. or less each). (2) Fuses (except for grenade fuses). (3) Grenades, illuminator, smoke, practice, and tear producing (CS/CN). c. Chemical items. (1) Incendiary destroyers. (2) Riot control agents (100 pounds package or less) d. Ammunition for weapons in categories II through IV not otherwise categorized.
5	Highest sensitivity: Category I, arms, ammunition, and explosives with a security classification of secret.
6	Highest sensitivity: Category I, arms, ammunition, and explosives with a security classification of “confidential.”
8	Highest sensitivity: Category II, arms, ammunition, and explosives with a security classification of “confidential.”
C	Materiel classified as “Confidential” but which does not meet code 6 or 8 criteria.
M	Noncontrolled ammunitions excluded from categories I through IV above although reflected as pilferable on the shipment release document. Does not require protection other than that based on the class/degree and hazard/explosive. If none of those characteristics are present, protection will be the same as that provided other pilferable items.
N	Nonsensitive weapons that are not covered in the above categories although reflected as pilferable on the DD Form 1348–1A (Issue Release/Receipt Document), do not require protection other than what is normally afforded under items as televisions, radios, typewriters, hand tools, and so forth.
S	Material classified as “Secret” but, which does not meet code 5 criteria.
Z	No special handling required. (Inert components of commodity of 2, 3, and 4 material will be assigned this special handling code.)
	Second position: (numeric), Special Handling Code, use when first position is code U (mail):
1	Registered mail. Letter mail. Command pouches. Weapons system pouches. Casualty reporting pouches. Priority parcels.
2	Military official mail (MOM). Second class, third and fourth class mail marked MOM.
3	Space-available mail and parcel air lift.
4	Overseas destined and intracommand surface mail.
7	7 Empty mail bags.
9	Retrograde surface mail.

Notes:
Use codes 1, 2, 3, and 4 for unclassified materiel only. Materiel with a special handling code of 5, 6, or 8 will be stored and transported according to the provisions of DODM 5100.76 or DODM 5200.01, whichever is most stringent.

e. Air dimension code. The ADC is a 1-position alphabetic code that identifies dimensional features of air shipments, pallets, or containers by relating them to dimensional restrictions of compatible aircraft. (See Defense Transportation Regulation (DTR) 4500–9–R for specific code explanations.) This code is in the freight segment of the AMDF (see table 3–5).

f. Air eligible category code. The AEC is a 1-position numeric code that identifies an item as qualified or provisionally qualified for air shipment or as disqualified from air shipment. This code is used in support of the air lines of communication (ALOC) and its use is mandatory only in support of the ALOC. This code is mandatory for all items in class of supply IX (repair parts) and class of supply II (clothing, individual equipment, tentage, special kits, outfits and tools, administrative and housekeeping supplies and equipment (see table 3–6). This code is in the IDS of the AMDF.

Table 3–5
Air dimension codes

Code	Description
A	Shipment does not exceed 72 inches in any dimension (length, width, or height).
C	Consolidated shipments (shipments of multiple requisitions) do not exceed 72 inches in any dimension (length, width, or height).
D	Consolidated shipments (shipments of multiple requisitions) with measurements greater than 72 inches in any dimension (length, width, or height).
Z	Shipment does exceed 72 inches in any dimension (length, width, or height).

Table 3–6
Air eligible category codes

Code	Explanation
1	Item is provisionally qualified for air shipment. This item will be routinely transported by air on a space available basis.
3	Item is qualified for air shipment. This item will be routinely (mandatory) transported by air.
5	Item is disqualified from air shipment. This item will not be transported by air.

Notes:
On initial entry of a class IX or II item into the AMDF, LOGSA will assign the correct AEC based on established criteria. Items assigned AEC 1 will be subject to the established criteria each time a change occurs.

g. Automatic data processing equipment identification code. The automatic data processing equipment (ADPE) identification code is a 1-position alphanumeric code that identifies an item of ADPE or containing ADPE as provided by Public Law 89–306, Volume 79 (P.L. 89–306, Vol 79). This code is stored internally by LOGSA and is in the special Army data segment of the AMDF (see table 3–7).

h. Automatic return item code. The ARI code is a 1-position alphabetic code that indicates items in a critical stock position that may be returned to CONUS depots without disposition instructions as provided in AR 710–1. This code is in the IDS of the AMDF (see table 3–8).

i. Controlled inventory item code. The CIIC, formerly the physical security/arms, ammunition and explosives security risk/pilferage code, identifies the security classification, security risk or pilferage controls required for storing and transporting DOD assets (see table 3–9). This code is in the IDS of the AMDF.

j. Criticality Code, Federal Item Identification Guide. The criticality code is a one-position alphabetic code which indicates that an item is technically critical by reason of tolerance, fit restriction, application, nuclear hardness properties or other characteristics that affect identification of the item (see table 3–10).

k. Decimal locator code. The decimal locator (DL) is a 1-position numeric code that identifies the position of the decimal in the measurement quantity and conversion factor. This code is the IDS of the AMDF (see table 3–11).

l. Demilitarization code. The DEMIL code is a 1-position alphabetic code instructing the user on the method and degree to demilitarize items when required. This code is in the item data segment (see table 3–12).

Table 3–7
Automatic data processing equipment identification codes 1

Code	Definition
0	Data processing. Represents items with no ADP components.
1	Analog central processing units (CPUs). Represents only CPUs that accept as input the electrical equivalent of physical conditions, such as flow, temperature, pressure angular position, or voltage and perform computations by manipulating these electrical equivalents to produce results for further use (see note 2).
2	Digital CPUs. Represents only CPUs that accept information represented by digital impulses. Specifically, a device capable of performing sequences of arithmetic and logic operations (a program) not only on data, but also on the program which is in its internal memory (storage) without intervention of an operator (see note 3).
3	Hybrid CPUs. Represents only CPUs that have a combination of analog and digital capability as defined in codes 1 and 2 and which have conversion capability required for intercommunication.

Table 3–7
Automatic data processing equipment identification codes 1—Continued

Code	Definition
4	ADP input/output storage devices. The input device is used for transferring data and instructions into a CPU. The output device is used to transfer results of processing by the CPU onto printed forms, punched cards, and magnetic media. Input and output devices combine the above functions in the same device. This class also includes data transmission terminals, batch terminals, and display terminals that are specially designed or modified to be used in conjunction with digital, analog, or hybrid CPUs. It includes modems when they are integral to the terminal. It also includes storage devices in which data can be inserted, retained, and retrieved for later use.
5	ADP accessory equipment. Represents accessory equipment, which is considered to be a component, device, or unit that is related directly to and essential in the operation of ADPE. Included in this class are complete units and components of related general purpose accessory equipment which are used as part of a system (for example, weapon system, control system, missile system, communication system, or navigational system). It also encompasses various units or devices and associated control units that are used in combination or conjunction with the ADPE configuration, but are not part of the configuration itself.
6	Punched card equipment. Represents collating machines, key punch machines; tabulating machines; verifier; reproducer; summary punch, sorter; interpreter (see note 4).
7	ADP supplies and support equipment. Represents consumable supplies, such as paper, tabulating machine, continuous flat fold; paper, tabulating machine, sheet: seal bands, tape, ADP; empty reels and hubs, tape, ADP; canisters, tape, ADP; carrying cases, tape, ADP. Also included are support equipment, such as magnetic tape testing, certifying, and cleaning equipment; disk pack testing; tape equipment winders, splicers, and card reconditioners.
8	ADP components. Represents ADP component assemblies that are parts of analog, digital, or hybrid data processing devices.
9	Assignment. To be assigned to an item containing embedded ADPE (see note 5).

Notes:
1 Codes 1 through 6 are only used when the item is ADPE in its entirety and is limited to the type meeting only 1 through 6 criteria.
2 An analog is a representation of one form of a physical condition existing in another form. (For example, the level of mercury in a tube represents the temperature in a thermometer; the angular position of a needle represents speed on a speedometer.) Excludes CPUs that have both analog and digital capability.
3 Digital refers to the representation of discrete numbers, symbols, and alphabetic characters by a predetermined, coded combination of electrical impulses. Excludes CPUs that have both analog and digital capability.
4 Card-actuated machines are excluded when cable connected to a CPU.
5 Meets one or more of the definitions for codes 1 through 6.

Table 3–8
Automatic return item codes

Code and type actions	Retail shipment processing instructions (See notes 1, 2, and 3)
E–EXPEDITE-items qualifying (see AR 710–1).	Automatic return 03 PRI DIC PRI project ARI Serviceable (condition code (CC)-A, B, C, and D) to area oriented depot (AOD) and unserviceable (reparable cc-E, F, and G) per ARIL instructions.
C–CRITICAL-wholesale asset position below the requirements objective.	Automatic return 06 PRI DIC Financial Transfer Authority (FTA) project ARI Serviceable (CC–A, B, C, and D) to AOD and unserviceable (reparable CC–E, F, and G) per ARIL instructions.
R–REGULAR-wholesale asset position above the requirements objective.	Automatic return 13 PRI DIC FTA project ARI Serviceable (CC–A, B, C, and D) to AOD and unserviceable (reparable CC— E, F, and G) per ARIL instructions.
S–SPECIAL-special projects requirements.	Automatic return 06 PRI DIC FTA Project ARI Both serviceable and unserviceable (cc-A, B, C, D, E, F, and G) Return to only one location per ARIL instructions.
N–Nonconsumable item management support code (NIMSC) 5 items-Army is the SICA.	Unserviceable CC–E and F Automatic Return 03 PRI DIC FTA Project 3AL or blank per ARIL instructions.
M–NIMSC 5 ITEMS–Army is the SICA.	Unserviceable CC–E and F Automatic Return 06 PRI DIC FTA Project 3AL or blank per ARIL instructions.
D DELETE	

Table 3–8
Automatic return item codes—Continued

Code and type actions	Retail shipment processing instructions (See notes 1, 2, and 3)

Notes:
1 When processing shipments for items with ARI codes E or N, assign priority designator (PD) 03; for items with ARI codes C, S, or M, assign PD 06; and for items with ARI code R, assign PD 13. (This change has been authorized by USAMC) state transportation priorities are based on Uniform Materiel Movement and Issue Priority System priority designator and time standards. Therefore, Army policy must comply with these regulations.
2 NIMSC 5 items that are serviceable will be processed as Materiel Returns Program (MRP) using AR 725–50. Recoverability coded D and L items in condition code H will be processed as MRP using AR 725–50.
3 See AR 725–50 for FTA instructions.

Table 3–9
Controlled inventory item codes

Code	Explanation
	Classified item codes
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	Contact the SOS for disposal and limitations. Store and handle in a manner that will prevent unauthorized access to this material.
S	SECRET.
T	TOP SECRET.
U	UNCLASSIFIED.
7	Item assigned a DEMIL code other than A, B, or Q for which another CIIC is inappropriate. The loss, theft, unlawful disposition, or recovery of an item in this category will be investigated according to DLM 4000.25–2.
9	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 communications security (COMSEC) function. Items so designated are unclassified, but controlled and will bear the designation of CCI.
	Sensitive items codes
1	Highest sensitivity (Category I)-Nonnuclear missiles and rockets in a ready-to-fire configuration (for example, Hamlet, Redeye, Stinger, Dragon, LAW, VIPER), and explosive rounds for non-nuclear missiles and rockets. This category also applies when 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 (see note 1).
6	Highest sensitivity (Category I)-Arms, ammunition, and explosives with a physical security classification of Confidential (see note 1).
8	High sensitivity (Category II)-Arms, ammunition, and explosives with a physical security classification of Confidential (see note 1).
Q	A drug or other controlled substance designated as Schedule III, IV, or V item, according to P.L. 91–513, Vol. 84. Other sensitive items requiring limited storage.

Table 3–9
Controlled inventory item codes—Continued

Code	Explanation
R	Precious metals. A drug or other controlled substance designated as Schedule I or II item, according to P.L. 91–513, Vol. 84 Other selected sensitive items requiring storage in a vault or safe.
	Pilferage codes
J	Pilferage-Pilferage controls may be designated by the coding activity to items coded U (UNCLASSIFIED) by recoding the items to J.
I	Aircraft engine equipment and parts.
M	Hand tools 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.

Notes:
Items coded 5, 6, or 8 will be stored and transported according to Department of Defense Manual (DODM) 5200.01, whichever is more stringent.

Table 3–10
Criticality codes, Federal Item Identification Guide

Code	Explanation
C	The item has critical features (for example, tolerance, fir restrictions or application). Nuclear hardness properties have not been determined. (Not valid for input).
E	The item is a flight safety critical aircraft part (FSCAP) and is specifically designed to be or selected as being nuclear hard.
F	The item is a FSCAP.
H	The item is specifically designed to be or selected as being nuclear hard, for example, it will continue to perform its designed function in an environment created by a nuclear explosion. The item does not have other critical features.
M	The item is specifically designed to be or selected as being nuclear hard. Also, the item has other critical features, (for example, as tolerance, fit restrictions or application).
N	The item does not have a critical feature, such as tolerance, fit restrictions or application. Nuclear hardness properties have not been determined. Not valid for input.
X	The item does not have a nuclear hardened feature or any other critical feature (for example, tolerance, fit restrictions or application).
Y	The item does not have a nuclear hardened feature, but does have other critical feature(s) (for example, tolerance, fit restrictions or application.

Notes:
1 See DRN 3843 for format and definition.
2 Assignment of Criticality Codes H or M requires a specific statement on the drawing and/or technical documentation (or other written substitution) that the item is nuclear hardness critical item.

Table 3–11
Decimal locator codes

Code	Explanation
0	Whole number (no decimal).
1	Decimal equals tenths-.1.
2	Decimal equals hundredth-.01.
3	Decimal equals thousandth-.001.
4	Decimal equals ten-thousandths-.0001.

Table 3–12
Demilitarization codes

Code	Explanation
A	Non-munitions list item (MLI)-DEMIL is not required.
B	MLI–DEMIL not required.
C	MLI-remove or demilitarize installed key points outlined in DODM 4160.28 or lethal parts, components, and accessories.
D	MLI-demilitarize by mutilation (make unfit for intended purpose) by (for example, melting, cutting, tearing, scratching, crushing, breaking, punching, neutralizing. (As an alternative, burial or deep water dumping may be used when authorized.)
E	MLI-demilitarize by burning, shredding, or pulping.
F	MLI-demilitarize instructions to be furnished by item manager.
G	MLI–DEMIL required-ammunition, explosives, and dangerous articles (AEDA). DEMIL and, if required, declassification and removal of sensitive markings or information will be accomplished before physical transfer to a Defense Reutilization and Marketing Office (DRMO). This code will be used for all AEDA items including those that also require declassification and removal of sensitive markings or information.
P	MLI (security classified item)-declassification, and any other required DEMIL, and removal of any sensitive markings or information will be accomplished before accountability or physical transfer to a DRMO. This code will not be assigned to AEDA items.
Q	Strategic list item-mutilate to the extent necessary to preclude restoration to normal use and prevent recovery of essential component parts or assemblies (overseas only). Mutilation not required in the United States, Puerto Rico, American Samoa, Guam, The Trust Territory of the Pacific Islands, and the Virgin Islands. Mutilation requirements may be waived if purchaser elects to ship items to the United States under controls stipulated in the terms and condition of sale.

m. Department of Defense identification code. The DODIC is a 4-position alphanumeric code assigned to a generic description of an item of supply in FSG 13, (ammunition and explosives), and FSG 14, (guided missiles). DODIC, which range in values from A001 through Z999 and AA01 through ZZ99. The DODIC is in the item identification segment and the I&S segment, section III, parts 1 and 2 of the AMDF.

n. Document identifier code. The DIC is a 3-position alphanumeric code (see table 3–13). DICs listed in this table are used to—

(1) Transmit data from AMDF file originators to LOGSA.

(2) Transmit data from LOGSA to AMDF file originators.

(3) Make inquiries to LOGSA and provide responses to inquiries from LOGSA.

Table 3–13
Document identifier codes

DIC	Explanation
Group 11–National/North Atlantic Treaty Organization/Interim stock number change	
C11	Change in stock number.
C21	Change in stock number and UI.
C31	Change in stock and price.
C41	Change in stock number and materiel category structure.
C51	Change in stock number, UI, and price.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
C61	Change in stock number, UI, and materiel category structure.
C71	Change in stock number, price, and materiel category structure.
C81	Change in stock number, UI, price, and materiel category structure.
C91	Any DIC group 1 change plus miscellaneous (DIC) (group 6) change, single or multiple, except changes in DIC groups 7, 8, 9, and 0 (see note 1).
	Group 2–Unit-of-issue change
C22	Change in UI.
C52	Change in UI and price.
C62	Change in UI, and materiel category structure.
C82	Change in UI, price, and materiel category structure.
C92	Any DIC group 2 change plus miscellaneous (DIC group 6) change, single or multiple, except changes in DIC groups 1, 7, 8, 9, and 0.
	Group 3–Price changes
C33	Change in price.
C83	Change in price and materiel category structure.
C93	Any DIC group 3 change plus miscellaneous (DIC group 6) change, single or multiple, except changes in DIC groups 1, 2, 7, 8, 9, and 0.
	Group 4–Materiel category structure changes
C44	Change in materiel category structure.
C94	Change in materiel category structure plus miscellaneous (DIC group 6) change, single or multiple, to reflect a change in retail management except changes in DIC groups 1, 2, 3, 7, 8, 9, and 0.
	Group 5–Stock number/item relationships
C05	Refer to reference document (phrase code Q or R).
C35	Replace by assembly, assortment, or kit (phrase codes Q or R).
C55	Discontinued, replaced, condemned, or disposed of, with or without replacement (phrase codes F, L, N, T, V, or Z).
C75	Correct or dissolve item relationship. To be used to correct the related stock number and phrase codes F, L, N, P, Q (with document number), and Z only. Phrase codes A or C can be deleted only by reinstating the items with DIC CO8 or C98. When used to reflect the dissolved item relationships, the phrase code field will be blank, and the related stock number will be zero-filled.
C85	Change in I&S indicator code (LOGSA generated).
C95	Any DIC group 5 change except DIC C75, plus miscellaneous (DIC group 6) change, single or multiple, except changes in DIC groups 1, 2, 3, 4, 7, 8, 9, and 0.
	Group 6–Miscellaneous changes
C16	Change in physical security code.
C26	Change in acquisition advice code.
C56	Change in accounting requirements code.
C66	IDS change (input to LOGSA only).
C76	Change in SLC.
C89	Change in reportable item control code.
C96	Any combination of DIC group 6 changes and/or miscellaneous change, single or multiple, not cited as group 6, except changes in DIC groups 1, 2, 3, 4, 5, 7, 8, 9, and 0.
	Group 72–Withdrawals
C07	Logistics reassignment (logistic loss)-transfer from DLA, GSA, and other military services inventory management with a change in retail management not involving a stock number change. The RIC of the gaining manager will be entered in positions 61–63.
C17	Logistics reassignment (logistic loss)-Inventory management transfer from within the Army to activities outside of Army not involving a stock number change. The RIC of the gaining manager will be entered in positions 61–63.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
C27	Logistics reassignment (logistic loss)-Inventory management transfer within the Army not involving a stock number change. The RIC of the gaining manager will be entered in positions 61–63.
C37	Delete-remove from system. Use when the item manager determines that no Army, International Logistics Program (ILP), or MAP interest exists for the item. Army has deleted the stock number from the Logistics Information System total item record and has withdrawn user interest, or all services have withdrawn interest on the item. The following restrictions apply: a. For item manager-before submitting C37 action to LOGSA, the following conditions must be met: 1. Phrase code L, M, N, P, T, V, or Z must have been issued in the AEMM for 28 days before the effective date of the delete action. Delete can only be made 28 days after the last action. 2. When phrase codes L, N, P, T, V, or Z apply, the phrase code must be perpetuated in the delete action. When the item data record (DIC C37) is being deleted and I&S, component, or equivalent item phrase codes apply, the correct delete transactions must be made to the identical stock numbers in the I&S, component, and equivalent item segments, as applicable. The LOGSA will add this record to the I&S and the component history files. 3. Total Army stock, controlled by the item manager, has been exhausted, or disposition instructions issued to the wholesale storage activities, and the stock number has been deleted from all active records of the wholesale supply system. 4. No Army/ILP (to include MAP, grant aid, foreign military sales, and supply support arrangements) interest exists in the system. 5. The stock number has been deleted from SB 700–20. b. Recipients of the AMDF-other than CONUS depots— 1. When the C37 action is received and phrase code L, M, N, P, T, V, or Z has not been previously established (28 days), stop processing the C37 action and notify, in writing, the item manager identified by position 1 of the materiel category structure code. Send an information copy to Logistics Support Activity, AMXLS–MD, Redstone Arsenal, AL 35898–7466. 2. If a change to the stock status of an item has previously been received and there is no stock on hand, but stock is due in, send an inquiry or follow-up to the last known SOS (based on the requisition status or advice record). This will assure the supply of the replacing item (positions 48–60) is received and not the supply of the replaced item (positions 8–20). 3. Under specific conditions, if assets are on hand at the user level at the time the C37 delete record is received, the C37 action will be suspended until all stock is exhausted. 4. If conditions outlined above do not apply, recipients will update their internal files or records with the C37 action. c. CONUS depots-notify the Army owner for disposition instructions if stock is on hand or due in. If DLA, GSA, and other military services have stock on hand, no request will be made to those owners for disposition instructions unless a C7D action has been received. The stock number will stay on the depot records until all owners send delete actions. (When used, the input DIC C37 record must be an exact image of the management data on file, except for the DIC and effective date.)
C47	Logistics reassignment (logistic loss)-Results from a transfer of inventory management from DLA, GSA, and other military services to Army NICPs not involving a stock number change. The RIC of the gaining manager will be entered in positions 61–63.
C57	Logistics reassignment (logistic loss)-Transfer from DLA, GSA, and other military services to another manager either DAL, GSA, another military service, or Army resulting from a stock number change. This DIC will always contain phrase code A or D and must be processed the same as a group 1 DIC by recipients. The RIC of the gaining manager will be entered in positions 61–63.
C77	Logistics reassignment (logistic loss)-Transfer from Army to another manager, either Army, DLA, GSA, or another military service, resulting from a stock number change. This DIC will always contain phrase code A or D and must be processed the same as a group 1 DIC by recipients. The RIC of the gaining item manager will be entered in positions 61–63.
C87	Logistics reassignment (logistic loss)-Transfer from DLA, GSA, and other military services to DLA, GSA, and other military services inventory management not involving a stock number change. The RIC of the gaining manager will be entered in positions 61–63.
C97	This DIC provides file originators a way to withdraw an incorrect stock number record (positions 8–20) from the file. This code applies only to items if complete removal of an incorrect stock number record (positions 8–20) from the file is desired. History or cross-reference records will not be established. The C97 must be an exact copy (4–80 duplicated) of the incorrect stock number record except for the document identifier code.
	Group 8–Gains
C08	Reinstated item with a related stock number and phrase code-added stock number to the AMDF (DIC C98 applies if no related stock number is applicable). Requires processing by recipients as a group 5 DIC).
C18	New item-added stock number to the AMDF. Excludes materiel management transfers and reinstated items. (Use DIC C68 if a related stock number and phrase code applies).
C28	Logistics reassignment (logistic gain)-Inventory management transfer from activity within Army not involving a stock number change. The RIC of the losing manager will be entered in positions 61–63.
C38	C38 Logistics reassignment (logistic gain)-inventory management transfer from activity outside Army not involving a stock number change. The RIC of the losing manager will be entered in positions 61–63.
C48	Logistics reassignment (logistic gain)-results from transferring inventory management from Army NICP to DLA, GSA, and other military services, not involving a stock number change. The RIC of the losing manager will be entered in positions 61–63.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
C58	New stock number added to AMDF or notice of materiel management transfer resulting from a stock number change. This transaction will be issued as follows: a. As a normal change notice when the addition is caused by a stock number change without a materiel management transfer involved. b. As a management transfer notice when transfer of management is involved (DIC C57–C77). When so used, positions 61–63 must contain the RIC of the losing manager.
C68	New item added stock number to the AMDF with a related stock number and phrase code. Use DIC C18 if a related stock number and phrase code do not apply. (Requires processing by recipients as a group 5 DIC.)
C78	Logistics reassignment (logistic gain)-transfer from DLA, GSA, and other military services inventory management. It involves a retail management change, but not a stock number change. The RIC of the losing manager will be entered in positions 61–63.
C88	Logistics reassignment (logistic gain)-transfer from DLA, GSA, and other military services to DLA, GSA, and other military services inventory management without a change in retail management. It may or may not involve a stock number change. The RIC of the losing manager will be entered in positions 61–63.
C98	Reinstated item without a related stock number and phrase code (DIC C08 applies if a related stock number is applicable.).
	Group 9–Reserved.
	Group 0–Reserved.
	Miscellaneous codes
CBB	Add item identification segment.
CBS	Replace item identification segment.
CCB	Add history segment, section 1.
CCD	Add history segment, section 1 (add generated from a C37).
CCE	Add history segment, section 1 (add generated from a Group 1 DIC C57 or C77).
CCH	Delete incorrect data only in history segment, section 1.
CEB	Add degree of protection A record, packaging segment.
CES	Replace degree of protection A record, packaging segment.
CFB	Add freight segment.
CFK	Delete freight segment.
CFS	Replace freight segment.
CHB	Add I&S segment, section II, part 1, major item cross-reference.
CHK	Delete I&S segment, section II, part 1, major item cross-reference.
CIB	Add history segment, section 3, (add generated from DIC CWK.)
CIH	Delete history segment, section 3, incorrect data.
CJB	Add I&S segment, section I, part 1, I&S cross-reference.
CJK	Delete I&S segment, section I, part 1, I&S cross-reference.
CKB	Add I&S segment, section I, part 2, I&S group (OOU).
CKK	Delete I&S segment, section I, part 2, I&S group (OOU).
CLA	Add special Army data segment.
CLB	Add I&S segment, section III, part 2.
CLC	Change special Army data segment.
CLK	Delete I&S segment, section III, part 2.
CL6	Change medical user data segment.
CL7	Delete medical user data segment.
CL8	Add medical user data segment.
CNB	Add I&S segment, section III, part 1, DODAC cross-reference.
CNK	Delete I&S segment, section III, part 1, DODAC cross-reference.
COB	Add equivalent-item segment.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
COK	Delete equivalent-item segment.
COS	Replace equivalent-item segment.
CPA	Add-tailorized single source data set.
CPC	Change-tailorized single source data set.
CPD	Delete-tailorized single source data set.
CPM	Change SOS tailorized single source data set.
CPQ	AMDF reconciliation record.
CPS	Standard Army Retail Supply System (SARSS) input I&S data
CPU	SARSS input UI conversion factor.
CQD	SARSS reply.
CRB	Add degree of protection B record, packaging file.
CRS	Replace degree of protection B record, packaging file.
CSB	Add degree of protection X record, packaging file.
CSN	Add notification actions (NO, NN, NP), packaging file.
CSQ	Register NSNS to SARSS stock number user file (SNUF).
CSS	Replace degree of protection X record, packaging file.
CST	Replace notification actions (NO, NN, NP), packaging file.
CSX	Add supplemental packaging data record.
CSY	Replace supplemental packaging data record.
CSZ	Delete supplemental packaging data record.
CTB	Add I&S segment, section II, part 2, major item group.
CTK	Delete I&S segment, section II, part 2, major item group.
CTS	Input to the modified input data file.
CU2	New item. UI conversion record.
CWB	Add component segment.
CWK	Delete component segment.
CXB	Add unit-measurement-quantity record in the item data segment.
CXK	Delete unit-measurement-quantity record in the item data segment.
CXS	Replace unit-measurement-quantity record in the item data segment.
CZB	Add history segment section 2 (add generated from receipt of a DIC CJK or CHK).
CZH	Delete incorrect data in history segment, section 2.
	Inquiry input document identifier codes
CQQ	Identifies AMDF segment inquiry.
CSC	Identifies selected data inquiry when UM, decimal locator and quantity fields are included or required.
CSL	Identifies selected data inquiry or data element validation inquiry when UM, decimal locator, and quantity fields are excluded or are not required.
	Inquiry reply document identifier codes
CAR	Identifies a reply to an inquiry against the Army reference number file.
CDB	Identifies a tailored inquiry response record from the Army reference number file.
CDQ	Identifies an intermediate inquiry reply record generated by interpreting provisioning screening replies furnished by Defense Logistics Service Center (DLSC). It contains a CDQ message code to show record status or NSN relationships.
CDR	Inquiry reply record generated from the Army reference number file.
CQA	A message record response identifying the status of requested I&S history; history section II, records.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
CQB	A message record response identifying the status of requested component history; history section III, records.
CQC	A message record response identifying the status of requested item data history; history section 1, part 1 (cross-reference) records.
CQE	A message record response identifying the status of requested item data records.
CQF	A message record response identifying the status of requested freight records.
CQH	A message record response identifying the status or requested item data history; history section I, part 2 (current number) records.
CQJ	A message record response identifying the status of request I&S cross-reference; I&S section I, part 1.
CQK	A message record response identifying the status of requested I&S group; I&S section I, part 2.
CQL	A message record response identifying the status of requested I&S major item. Cross-reference; I&S section II, part 1.
CQM	A message record response identifying the status of requested I&S major item group; I&S section II, part 2.
CQN	A message record response identifying the status of requested item identification records.
CQP	A message record response identifying the status of requested packaging records.
CQQ	Identifies rejected AMDF segment inquiries being returned to the originator. These records are a modified version of the input records; a constant AN is applied to positions 4 and 5, and an inquiry reject reason notification code will be applied to position 76.
CQR	A message record response identifying the status of requested I&S cross-reference NSN to DODAC; I&S section III, part 1.
CQS	Reserved for LOGSA use.
CQT	Message record response identifying the status of requested SB 700–20 records.
CQU	A message record response identifying status of requested special Army data segment.
CQV	A message record response identifying status of requested medical user data segment.
CQW	A message record response identifying the status of requested component item segment records.
CQX	A message record response identifying the status of requested I&S DODAC group; I&S section III, part 2.
CQY	A message record response identifying the status of the number interrogated in the Army reference number file.
CQZ	A message record response identifying the status of requested equivalent item segment records.
CSR	Identifies replies to CSC/CSL selected data inquiry and data element validation inquiry.
C00	Reserved for a reply to LMP stock control inquiry.
C11	Standard Army Intermediate Supply System unique inquiry reply
	Nonservice user item document identifier codes
C9C	Nonservice user item data change record. A record identified by this DIC contains a change from previously recorded data; this does not include logistics reassignment or stock number change.
C7D	Nonservice user item data delete record. A record identified by this DIC indicates that the NIIN will be removed from active files. If this DIC is received and assets are still in storage, inform the activity identified by the SOS.
C8L	Nonservice user item data logistics reassignment record. A record identified by this DIC contains a new SOS in positions 30–32; this may include a stock number change.
C8N	Nonservice user item data add record. A record identified by this DIC establishes a NIIN as a nonservice user item.
C1R	Nonservice user item data stock number change record. A record identified by this DIC contains a stock number change, that is, phrase code equal to A, C or D. This does not include logistics reassignments.
C2U	Nonservice user item UI conversion record.
C2X	Nonservice user item UM quantity record.
	Army Master Data File Tailored Distribution System processing
CA1	Master address record card.
CA2	Master registration data card.
CTD	Stock number registration card.
CTR	DLSC interrogation results.
FSC	Recorded users of specific FSC.

Table 3–13
Document identifier codes—Continued

DIC	Explanation
FSG	Recorded users of specific FSG.
INT	Mass SNUF interrogation for specific stock numbers or specific users.
	Hazardous Materiel Data System
HAA	Add Hazardous Materiel Data System (HMDS) record input A (mandatory).
HAC	Change HMDS record input A (mandatory).
HAD	Delete HMDS record input A (mandatory).
HBA	Add record input B (radioactive items only).
HBC	Change record input B (radioactive items only).
HBD	Delete record input B (radioactive items only).
HCA	Add HMDS record input C (radioactive items only).
HCC	Change HMDS record input C (radioactive items only).
HCD	Delete HMDS record input C (radioactive items only).
HAD	Add HMDS record input D (radioactive items only).
HDC	Change HMDS record input D (radioactive items only).
HDD	Delete HMDS record input D (radioactive items only).
HEA	Add HMDS record input E (ammunition).
HEC	Change HMDS record input E (ammunition).
HED	Delete HMDS record input E (ammunition).
HFA	Add HMDS record input F (as required).
HFC	Change HMDS record input F (as required).
HFD	Delete HMDS record input F (as required).

Notes:
1 Group 1 DIC must always contain phrase code A, C, or D and will only be used when the SOS (positions 30–32) does not change. When a change results in a management change (phrase code A or D), DIC C57 or C77 will be used. In all such instances, the item data record change becomes a cross-reference record.
2 Phrase code A, C, or D (group 1 DIC, C57, and C77) and C37 transactions, deleting the stock number in positions 8–20, result in automatic removal of the item data, unit-measurement-quantity, item identification, packaging, and freight records. LOGSA will label the deleted records as inactive, and keep the last transaction of the above segments in the LOGSA master data record for reference purposes. Also, the above item data transactions are converted, by LOGSA and recipients and added to the history segment.

o. End item code. The e*nd item code* is a 3-position alphanumeric code assigned to each end item managed or used by the Army, which meets all of the following criteria:

(1) End items with an NSN recorded in the AMDF.

(2) Type classified standard, low-rate production, or limited procurement-urgent per AR 700–142.

(3) Assigned appropriation/budget activity account code A through Q inclusive.

p. Essentiality code. The EC is a 1-position alphabetic code in the item data record used to indicate if an item is essential or not (see table 3–14). Essentiality is the degree of military worth of an item of supply or how its failure, if a replacement is not immediately available, would affect the ability of the weapon system, end item, or organization, to perform its intended functions or missions. This code will be used to indicate the essentiality of end items and repair parts. This code is in the IDS of the AMDF.

q. Fund code. The f*und code* is a 1-position numeric code. This code indicates the type of funds to be used to pay for Army stock fund items. This code is only applied to a few items, which require special handling (see table 3–15).

Table 3–14
Essentiality codes (See note)

Code	Explanation
A	This code identifies essential end items.
B	This code identifies end items, which are not essential. For class VIII items, this code identifies material considered to be routine for health care and diagnosis.
C	A support item needed to support a field or organizational maintenance level. The failure of this item will render the end item inoperable (unable to move, shoot, and communicate).
D	A support item that is not needed to support an essential field maintenance or organizational maintenance function (code C), but is needed for operator or crew safety during training or in garrison.
J	Item does not qualify for essentiality code C, but is needed to prevent impairments or reduction of operational effectiveness of the end item.
K	Medical materiel considered essential for maintaining life support.
M	Medical material considered necessary for maintaining life support.
N	Medical materiel considered supplementary for health care.
E	A support item that is not needed to support an essential field maintenance or organizational maintenance function (code C), but is required to meet: a. Climatic conditions. b. Legal requirements. c. Requirements of a host nation in an overseas environment.
F	A support item used only at depot maintenance level.
G	A support item that is not needed to support the following: a. An essential field maintenance or organizational maintenance function (code C). b. Crew or operator safety (code D). c. Legal or climatic requirements (code E). d. Depot maintenance operation (code F). e. Deferrable maintenance function (code J).

Notes:
The AMDF shows only the highest code assigned of all support item to end item applications.

Table 3–15
Fund codes

Code	Explanation
1	Designates an item funded by operation and maintenance, Army (OMA) appropriation.
4	Designates an item for which initial issues are reimbursed from Procurement Appropriation, Army Funds.
5	Designates an item funded by Military Personnel, Army appropriation.

r. Hazardous material code. The HM code is a 2-position alphabetic code that represents peculiar shipping conditions. It indicates hazardous or dangerous article descriptions that must be shown on the bill of lading. This code is in the freight segment of the AMDF (see table 3–16).

s. Interchangeable and substitutable deletion reason code. The deletion reason code is a 1-position alphabetic code that explains the reason for deleting I&S data from part 1 of sections I and II of the I&S segment. I&S data deleted by reason code C will be placed in the history segment of the AMDF by LOGSA. I&S data deleted by reason codes A, B, or D will not be placed in the history segment. This code is used along with the I&S and history segments of the AMDF (see table 3–17).

Table 3–16
Hazardous material codes

Code	Explanation
AA	Ammunition for cannon with empty projectile, Class B explosive.
AB	Ammunition for cannon with explosive projectile, Class A explosive.
AC	Ammunition for cannon with gas projectile, Class A explosive.
AD	Ammunition for cannon with illuminating projectile, Class A explosive.
AE	Ammunition for cannon with incendiary projectile, Class A explosive.
AF	Ammunition for cannon with inert-loaded projectile, Class B explosive.
AG	Ammunition for cannon with smoke projectile, Class A explosive.
AH	Ammunition for cannon with solid projectile, Class B explosive.
AI	Ammunition for cannon without projectile, Class B explosive.
AJ	Chloropicrin, liquid, poison B.
AK	Ammunition for small arms with explosive projectile, class A explosive.
AL	Black powder, class A explosive.
AM	Chemical ammunition, nonexplosive, irritating material.
AN	Detonators.
AO	Irritating agent, NOS, irritating material.
AP	Booster, explosive, Class A explosive.
AQ	Burster, explosive, Class A explosive.
AR	Cannon primers, Class C explosive.
AS	Cartridge bags, empty, with black powder igniter, class C explosive.
AT	Cartridge cases, empty, primed, Class C explosive.
AU	Combination fuze, Class C explosive.
AV	Combination primer, Class C explosive.
AW	Cordeau detonate fuze, Class C explosive.
AX	Corrosive liquid, NOS corrosive material.
AY	Radioactive material, NOS
AZ	Detonating fuze, Class A explosive
BA	Detonating fuze, Class A explosive, with or without radioactive components.
BB	Detonating fuze, Class C explosive.
BC	Detonating primer, Class A explosive.
BD	Detonators, Class A or class C explosive.
BE	Electric squib, Class C explosive.
BF	Explosive bomb, Class A explosive.
BG	BG Explosive cable cutter, Class C explosive.
BH	Explosive mine, Class A explosive.
BI	Explosive projectile, Class A explosive.
BJ	Explosive release device, Class C explosive.
BK	Explosive rivet, Class C explosive.
BL	Explosive torpedo, Class A explosive.
BM	Diphenylaminochoroarsine, (DM), irritating material.
BN	Flammable liquid, NOS, flammable liquid.
BO	Flammable solid, NOS, flammable solid.
BP	Fuze igniter, Class C explosive.

Table 3–16
Hazardous material codes—Continued

Code	Explanation
BQ	Fuze lighter, Class C explosive.
BR	Grenade, empty, primed, Class C explosive.
BS	Grenade, hand, explosive, Class A explosive.
BT	High explosive, Class A explosive.
BU	High explosive, liquid, Class A explosive.
BV	Igniter cord, Class C explosive.
BW	Igniter, Class C explosive.
BX	Igniter, jet thrust jet assisted takeoff (JATO), Class A explosive.
BY	Igniter, jet thrust (JATO), Class Class s B explosive
BZ	Initiating explosive, Class A explosive.
CA	Fuze, Instantaneous, Class C explosive.
CB	Jet thrust unit (JATO), Class A explosive.
CC	Jet thrust unit (JATO), Class B explosive.
CD	Low explosive, Class A explosive.
CE	Percussion cap, Class C explosive.
CF	Percussion fuze, Class C explosive.
CG	Poisonous liquid or gas, NOS, poison A.
CH	Poisonous liquid, NOS, poison A.
CI	Poisonous solid, NOS, poison B.
CJ	Propellant explosive, Class A explosive.
CK	Propellant explosive, solid, Class B explosive.
CL	Propellant explosive in water, Class B explosive.
CM	Propellant explosives in water, unstable, condemned or deteriorated, Class B explosive.
CN	Fuzes, railway, flammable solid.
CO	Torpedo, railway, Class B explosive.
CP	Grenade, hand or rifle, explosive, Class A explosive.
CQ	Rocket ammunition with empty projectile, Class B explosive.
CR	Rocket ammunition with explosive projectile, Class A explosive.
CS	Rocket ammunition with illuminating projectile, Class A explosive.
CT	Rocket ammunition with gas projectile, Class A explosive.
CU	Rocket ammunition with incendiary projectile, Class A explosive.
CV	Rocket ammunition with inert-loaded projectile, Class B explosive.
CW	Rocket ammunition with smoke projectile, Class A explosive.
CX	Rocket ammunition with solid projectile, Class B explosive.
CY	Aniline oil, liquid, poison B.
CZ	Fuze, safety, Class C explosive.
DA	Safety squib, Class C explosive.
DB	Signal flare, Class C explosive.
DC	Small-arms ammunition, Class C explosive.
DD	Small-arms ammunition, irritating cartridge, Class C explosive.
DE	Small-arms primer, Class C explosive.
DF	Smoke pot, Class C explosive.

Table 3–16
Hazardous material codes—Continued

Code	Explanation
DG	Smoke signal, Class C explosive.
DH	Fireworks, special, Class B explosive.
DI	Starter cartridge, Class B explosive.
DJ	Supplementary charge (explosive), Class A explosive.
DK	Fuze, time, Class C explosive.
DL	Toy propellant device, Class C explosive.
DM	Toy smoke device, Class C explosive.
DN	Toy caps, Class C explosive.
DO	Tracer, Class C explosive.
DP	Tracer fuze, class C explosive.
DQ	Very signal cartridge, Class C explosive.
DR	Fireworks, common, Class C explosive.
DS	W-chloroacetophenone (CN) solid, irritating material.
DT	Chlorosulfonic acid, corrosive material.
DU	CN liquid, irritating material.
DV	Smoke grenade, Class C explosive.
DW	Hydrocyanic acid (prussic), solution, poison A.
DX	Grenade, tear gas, irritating material.
DZ	Phosphorus, white, dry, flammable solid.
EA	Explosive powder device, Class C explosive.
EB	Sodium Perchlorate, oxidizer.
EC	Explosive powder device, Class B explosive.
ED	Starter cartridge, Class C explosive.
EE	Corrosive solid, NOS, corrosive material.
EF	Oxidizing material, NOS, oxidizer.
EG	Compressed gas, NOS, nonflammable gas.
EH	Compressed gas, NOS, flammable gas.
EI	Mercuric acetate, poison B.
EJ	Nitrobenzol, liquid, poison B.
EK	Rocket engine, liquid, Class B explosive.
EL	Rocket motor, Class A explosive.
EM	Rocket motor, Class B explosive.
EN	Ammunition for small arms with incendiary projectile, Class A explosive.
EO	Igniter, rocket motor, Class A explosive.
EP	Igniter, rocket motor, Class B explosive.
EQ	Hand signal device, Class C explosive.
ER	Propellant explosive, liquid, Class B explosive.
ES	Insecticide, liquid, NOS, flammable liquid.
ET	Malathion, other regulated material-A.
EU	Fluorine, nonflammable gas.
EV	Mercuric-Potassium Iodide, solid, poison B.
EW	Cartridge, practice, ammunition, Class C explosive.

Table 3–16
Hazardous material codes—Continued

Code	Explanation
EX	Actuating cartridge, explosive, fire extinguisher or valve, Class explosive.
FA	Perchloric acid, exceeding 50 percent, but not exceeding 72 percent strength, oxidizer.
FB	Formic acid, corrosive material.
FC	Hydrochloric (Muriatic) acid, corrosive material.
FD	Sodium sulfide, anhydrous, flammable solid.
FE	Petroleum naphtha, combustible liquid.
FF	Code FF denotes special factors or conditions in an item description that affect the ratings or charges; therefore, the item description will be read carefully to ensure that such special factors or conditions are included as part of the bill of lading description.
FG	Medicines, NOS, solid, flammable, solid.
FH	Fire extinguisher, nonflammable gas.
FI	Chlorodane, liquid, combustible liquid.
FJ	Compound, rust preventing, corrosive material.
FK	Calcium Cyanide mixture, solid, poison B.
FL	Fuel, aviation, turbine engine, flammable liquid.
FM	Pentane, flammable liquid.
FN	Benzene, flammable liquid.
FO	Acetic acid, glacial, corrosive material.
FP	Acetone, flammable liquid.
FQ	Acetylene, flammable gas.
FR	Air, compressed, nonflammable gas.
FS	Alcohol, NOS, flammable liquid.
FT	Ammonia, anhydrous, nonflammable gas.
FU	Ammonium nitrate (no organic coating) oxidizer.
FV	Ammonium nitrate (organic coating), oxidizer.
FW	Amyl acetate, flammable liquid.
FX	Code FX denotes special factors in an item description; therefore, the item description in the respective rail or motor dangerous articles tariff will be read carefully to ensure that the exact tariff description is shown on the bill of lading.
FY	Arsenic trioxide, solid, poison B.
FZ	Barium nitrate, oxidizer.
GA	Battery, electric storage, wet, corrosive material.
GB	Benzene (benzol) flammable liquid.
GC	Bromine, corrosive material.
GD	Butyl acetate, flammable liquid.
GE	Calcium nitrate, oxidizer.
GF	Calcium resinate, flammable solid.
GG	Phenol, poison B.
GH	Carbon bisulfide or carbon disulfide, flammable solid.
GI	Carbon dioxide, liquefied, nonflammable gas.
GJ	Carbon dioxide-oxygen mixture, nonflammable.
GK	Cement, liquid, NOS, flammable liquid.
GL	Cement, rubber, flammable liquid.
GM	Chlorine, nonflammable gas.
GN	Chromic acid, solid corrosive.

Table 3–16
Hazardous material codes—Continued

Code	Explanation
GO	Coating solution, flammable liquid.
GP	Compounds, tree or weed killing liquid, poison B.
GQ	Crotonaldehyde, flammable liquid.
GR	Crude oil, petroleum, flammable liquid.
GS	Dinitrobenzene, solid or dinitrobenzol, solid, poison B.
GT	Eradicators, paint or grease, liquid, flammable liquid.
GU	Ether, flammable liquid.
GV	Ethyl acetate, flammable liquid.
GW	Ethyl chloride, flammable liquid.
GX	Ethylene dichloride, flammable liquid.
GY	Ethylene oxide, flammable liquid.
GZ	Gasoline, (including casing-head and natural) flammable liquid.
HA	Helium, nonflammable gas.
HB	Helium-oxygen mixture, nonflammable gas.
HC	Heptane, flammable liquid.
HD	Hexane, flammable liquid.
HE	Hydrochloric acid solution, inhibited, corrosive material.
HF	Hydrogen, flammable gas.
HG	Isooctane, flammable liquid.
HH	Lead nitrate, oxidizer.
HI	Liquefied petroleum gas, flammable gas
HJ	Lindane, other regulated material-A
HK	Magnesium, metal, powdered, pellets, turnings, or ribbons, flammable solid.
HL	Methyl bromide liquid, poison B.
HM	Methyl chloride, flammable gas.
HN	Methyl ethyl ketone, flammable liquid.
HO	Monobromotrifluoromethane, nonflammable gas.
HP	Monochloroacetic acid, liquid or solution, corrosive material.
HQ	Nitrate, NOS, oxidizer.
HR	Nitric acid (over 40 percent) oxidizer.
HS	Nitric acid (40 percent or less), corrosive material.
HT	Nitrogen, nonflammable gas.
HU	Oxygen, nonflammable gas.
HV	Petroleum ether, flammable liquid.
HW	Phosphoric anhydride, corrosive material.
HX	Phosphorous, amorphous, red, flammable solid.
HY	Phosphorous oxychloride, corrosive material.
HZ	Phosphorous pentachloride, solid, corrosive material.
JA	Phosphorous trichloride, corrosive material.
JB	Potassium hydroxide, dry, solid, flake, bead, or granular, corrosive material.
JC	Potassium nitrate, oxidizer.
JD	Rubber shoddy, regenerated rubber or reclaimed, flammable solid.

Table 3–16
Hazardous material codes—Continued

Code	Explanation
JE	Sodium arsenate, solid, poison B.
JF	Sodium arsenite, liquid solution, poison B.
JG	Sodium hydroxide, dry solid, flake, bead, or granular, corrosive material.
JH	Sodium hydrosulfite, flammable solid.
JI	Sodium nitrate, oxidizer.
JJ	Sodium nitrite, oxidizer.
JK	Sodium peroxide, oxidizer.
JL	Strontium nitrate, oxidizer.
JM	Sulfur chloride (mono and di), corrosive material.
JN	Sulfur hexafluoride, nonflammable gas.
JO	Titanium tetrachloride, corrosive material.
JP	Vinyl acetate, flammable liquid.
FF	Code FF denotes special factors or conditions in an item description that affect the ratings or charges; therefore, the item description will be read carefully to ensure that such special factors or conditions are included as part of the bill of lading description.
FX	Code FX denotes special factors in an item description; therefore, the item description in the respective rail or motor dangerous articles tariff will be read carefully to ensure that the exact tariff description is shown on the bill of lading.

Table 3–17
Interchangeable and substitutable deletion reason codes

Code	Explanation
A	Deletion of incorrect I&S relationship. Data being deleted is invalid and will not be used.
B	Deletion of I&S relationship no longer having universal application. Data being deleted no longer applies to all Army uses.
C	Deletion of I&S relationship involving one or more stock numbers that are no longer active, and have been or are being deleted from the IDS of the AMDF.
D	I&S relationship remains valid. Action taken to revise or change data except for reason codes A, B, and C.

t. Inventory category code. The ICC is a 1-position numeric code used to group items of supply into lots or segments for inventory and research purposes. Accountable and storage activities will record these codes on records to plan and schedule inventory actions. The order of priority for assigning these codes will be 0, 2, 8, 3, 7, 6, 1, 4, 9 and 5 per AR 740–26. This code is in the IDS of the AMDF (see table 3–18).

u. Item type storage code. The ITS code is a 1-position alphabetic code that identifies the required item storage environment (see table 3–19).

v. Less-than-truckload and less-than-carload rating codes. The LTL and LCL rating codes are a 1-position alphabetic code that converts to a rating assigned an item to develop transportation charges for LTL and LCL shipments. The LTL and LCL codes are in the freight segment of the AMDF (see table 3–20).

Table 3–18
Inventory category codes

Code	Category	Explanation
1	High value (nonspecial interest).	High and very high-intensive management items, as defined in AR 710–1 and principal and regulated items or any combination of those items included in inventory category codes 0, 2, 3, 6, 7, and 8.
2	Controlled inventory (SIMS–X items which are sensitive, classified or pilferable).	Selected Item Management System-Expanded (SIMS–X) items that are pilferable, sensitive or classified.
3	Controlled inventory.	Items with a physical security pilferage code not included in inventory category codes 2 or 8.
4	Other service managed.	4 Items not managed by Army and not assigned inventory category codes 1, 2, 3, 6, 7, 8, or 9 by the SICC.
5	Other (nonspecial interest)	Items not included in any of the other inventory category codes.
6	High value (special interest).	Items that qualify for ICC 1. However, the accountable supply distribution activity has a special interest in identifying the items uniquely for inventory purpose.
7	Controlled inventory (SIMS–X).	SIMS–X items that are not pilferable, sensitive or classified.
8	Controlled inventory (classified and sensitive).	Items other than SIMS–X and small arms items that are classified or sensitive (see AR 740–26 for a basic list of sensitive items).
9	Other (special interest).	Items not included in inventory category codes 1, 2, 3, 4, 6, 7, or 8. However, the accountable supply distribution activity has a special interest in identifying the items uniquely for inventory purposes.
0	Small arms items.	Items that are classified as small arms according to AR 740–26.

Table 3–19
Item type storage codes

Code	Explanation
A	Heated general purpose: Heated 40° F and above.
B	Unheated general purpose.
C	Controlled humidity: 40 percent to 50 percent relative humidity (RH).
D	Controlled room temperature: 60° F to 80° F.
E	Reserved.
F	Freeze: -4° F to 1° F.
G	Freeze: Below 32° F.
H	Hazardous materials (HAZMAT).
I	DO NOT USE THIS CODE.
J	Reserved.
K	Reserved.
L	Reserved.
M	Reserved.
N	HAZMAT/refrigerated: 36° to 46° F (2° to 8° C).
O	DO NOT USE THIS CODE.
P	Reserved.
Q	Reserved.
R	Refrigerated (chill): 32° to 50° F.
S	Shed: structure w/o complete sides or end walls.
T	Secured (Includes controlled or limited access).
U	Uncovered space (open storage).
V	Secured vault.

Table 3–19
Item type storage codes—Continued

Code	Explanation
W	Wet storage (docks, piers).
X	None assigned by ICP (any type space acceptable).
Y	Ammunition (Class V) (igloos and magazines).
Z	Special (see the item's storage serviceability standard or technical manual.
2	Medical controlled humidity: not to exceed 40 percent RH.
3	Medical controlled room temperature: 68° to 77° F (20° to 25° C).
4	Medical freeze: 13° and 14° F (-25° and -10° C).
5	Medical warm: 86° to 104° F (30° to 40° C).
6	Medical refrigerated: 36° to 46° F (2° to 8° C (DO NOT FREEZE).
7	Medical refrigerated vault: 36° to 46° F (2° to 8° C) (includes Schedule II drugs) (DO NOT FREEZE).
8	Medical refrigerated secured (includes controlled or limited access): 36° to 46° F (2° to 8° C) (includes Schedule III, IV, V drugs) (DO NOT FREEZE).
9	Medical controlled room temperature vault: 68° to 77° (20° to 25° C) (includes Schedule II drugs).
0	Medical controlled room temperature secured (includes controlled or limited access): 68° to 77° F (20° to 25° C).

Table 3–20
Less-than-truckload and less-than-carload rating codes

Code	Rating
A	400.0
B	300.0
C	250.0
D	200.0
E	175.0
F	150.0
G	125.0
H	110.0
J	100.2
K	92.5
L	90.0
M	85.0
N	80.0
P	77.5
Q	70.0
R	65.0
S	60.0
T	55.0
U	50.0
V	Below 50.0
W	Rating variable
X	500.0
Y	350.0
Z	No LTL/LCL rating

w. Logistic control code. The LCC is a 1-position alphabetic code assigned to the Army adopted items and other items of materiel authorized (LIN related items) to provide a basis for logistic support decisions. These decisions involve, for example, procurement, overhaul, repair parts provisioning, requisitioning, and distribution. LOGSA will keep this code compatible with those items listed in SB 700–20. This code is in the IDS of the AMDF (see table 3–21).

x. Maintenance repair code. The maintenance repair (MR) code is a 1-position alphabetic code that indicates whether the item is to be repaired and identifies the lowest maintenance level capable of performing all authorized maintenance functions. The decision to code support items for repair at the indicated levels requires that all maintenance capability, for example, remove, replace, repair, assemble, and test for the support items be provided to that level. This does not preclude some repair at a lower level of maintenance (see table 3–22). This code is in the IDS of the AMDF (see AR 700–82).

y. Army Materiel category structure code. The MATCAT structure code is a 5-position alphanumeric code that prescribes the materiel category structure detail for management of Army inventories (see tables 3–23 through 3–28). LOGSA will keep codes compatible with AR 710–1. This code is in the IDS of the AMDF.

(1) *Position Number 1. Materiel category and inventory manager or National Inventory Control Point Service Item Control Center.* First position codes are alphabetic and identify the materiel categories of principal and secondary items to the CONUS inventory manager, NICP, or in the case of DLA/GSA managed items, the SICC that exercises managerial responsibility. The title given to the first position is a broad categorization which is generally descriptive of the items managed by a particular inventory manager, but does not necessarily identify fully all the items under the inventory manager's purview (see table 3–23).

(2) *Position Number 2. Appropriation and budget activity (ABA) account code.* The second position is alphabetic or numeric, excluding the letters I and O. This ABA account code identifies investment or expense type items. Investment items are purchased with procurement appropriations (PA) and are free-issued to Army customers and sold to other services, Government agencies, and international logistics customers. Expense items are purchased with Army stock fund obligation authority and are sold to all customers. Prime and related items must contain the same ABA code. Items are categorized by the investment versus decision diagram (see table 3–24).

(3) *Position Number 3.Management inventory segment.* Third position codes are numeric 1 through 4. They identify the management inventory segment of the category structure. It provides further subdivision of those categories identified by positions 1 and 2. Maintenance of control accounts for recurring reports to this position of the category structure is not required (see table 3–25).

(4) *Position Number 4.Specific group or generic code.* Fourth position codes are either alphabetic or numeric excluding the letter O and the numeral 1. This code provides further subdivision of those items identified to positions 1 through 3. For Army-managed items, these codes along with the codes assigned to position 5, identify a generic category of weapons systems, end items, or homogeneous group of items. For DLA or GSA managed items and medical or dental items, this position is numeric 0, except for those DLA or GSA items having application to an Army weapon system or end item which will carry the appropriate generic code(see table 3–26).

(5) *Position Number 5.Generic category code.* Fifth position codes are alphanumeric except the letters I and O. This position identifies items to weapons systems/end items, or other application. For Army managed items, these codes, in combination with the codes assigned in position 4, will identify a specific weapons system or end item or homogeneous group of items. DLA and GSA managed items will be the numeric 0, except for items having application to an Army weapon system or end item which must be assigned the appropriate fifth position (see table 3–27).

z. Safety data sheet indicator code. The SDS code indicator code is a 1-position alphabetic code that identifies NSNs requiring the manufacturer or supplier to prepare and submit a Hazard Communication Standard Safety Data Sheet or any essentially identical form to Government activities according to Federal Standard 313 (see table 3–28). This code is in the freight segment of the AMDF.

aa. National Codification Bureau code. The National Codification Bureau code (NCBC) code is a 2-position numeric code that identifies the country or other foreign country that originally cataloged an item of supply (see table 3–29.) The NCBC is part of each NIIN and NSN.

ab. Phrase code. The phrase code (logistical management data reference phrase) is a 1-position alphabetic or numeric code that applies to the item represented by the stock number in positions 8–20. It denotes changes or a relationship between the national or NATO stock number and the data in positions 48–60 unless otherwise prescribed in the history segment. These phrase codes provide advice for consolidating, interchanging and disposing of stock. They also announce that the stock number in positions 8–20 will be deleted from all active records of the wholesale supply system and the AMDF in a future change notice. These codes apply to the item data, interchangeable and substitute, component, and equivalent item segments of the AMDF as limited by instructions for those segments (see table 3–30).

Table 3–21
Logistic control codes

Code	Explanation
A	Items that are acceptable for the intended mission or acceptable during initial production. These items will receive full logistic support until a replacement item is approved or until the requirement is phased out. This LCC applies to developed and new nondeveloped items (including commercial purchases or product improved items) determined to be suitable by Defense Systems Acquisition Review Council, Army Systems Acquisition Review Council or in process review to satisfy the Army requirement. LCC–A items must be procurable.
B	This LCC applies to items that will be issued in place of LCC–A items. (LCC–B items will not be reprocured if the approved LCC–A item can be procured and deployed in time to meet the requirement) or items which can no longer be procured, but still must be supported. For those LCC–B items that are still procurable, written justification supporting proposed reprocurement will accompany Army Material Program submissions. The published AMP will constitute Headquarters Department of the Army (HQDA) approval. Request for authority to reprocure LCC–B items not included in the current AMP will be approved on a case-by-case basis. The office that initiates a request for approval to reprocure an LCC–B item is the official office of record responsible for keeping request and approval documents.
F	Items identified by HQDA as mission essential contingency items for Reserve Components only.
N	Enter only if items will not be separately type classified, but must be listed in SB 700–20; (in accordance with AR 70–1) or if the item is a nondevelopmental item qualified for type development.
O	Obsolete items no longer needed or supported for Army operational use.
P	Designates items being produced from an approved low-rate initial production line before the full-rate production decision. This phase will verify the production process, provide continuity of production, use hard production tooling, and prove production methodology. Items type classified LRP must be reclassified as standard at the full-rate production decision point, providing TC standard (STD) prerequisites are met.
R	Non-LIN related items not appearing in SB 700–20. (Added for this chapter only.)
S	Items no longer acceptable for Army operational use, but having a residual value for training. (Items assigned LCC–S will be supported only from repair part stocks on hand or by cannibalization.)
T	Items that will be made low rate initial production to get limited quantities for operational test III before entering into the Army operational inventory.
U	Items not qualified for LCC–A, but will be procured in limited quantities to satisfy Army directed urgent operational requirements. (No longer available for new materiel usage in accordance with AR 700–142).

Table 3–22
Maintenance repair codes

Code	Application/Explanation
O (alpha)	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
G	Both afloat and ashore intermediate levels are capable of complete repair of support item-Navy only.
D	The lowest maintenance level capable of complete repair of the support item is the depot level (for example, depot, mobile depot, or specialized repair activity).
L	Repair restricted to designated specialized repair activity.
Z	Non-reparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting or lubricating, for example, at the user level. No parts or special tools are procured for the maintenance of this item.
(-) dash sign	When a maintenance code is not used, a dash (-) sign will be entered.

Table 3–23
Materiel category and inventory manager or national inventory control point/Service Item Control Center (Position number 1 of the materiel category)

Alpha code	Item manager code	Materiel category	Inventory manager of NICP/SICC and location
B	A12	Ground forces support materiel (other support materiel).	U.S. Army Soldiers Biological and Chemical Command, NATICK,MA 01760
C	B69	Medical/dental materiel (see note 1)	U.S. Army Medical 'Materiel Agency, Frederick, MD 21702–5001.
D	B14	Single manager conventional ammunition.	Industrial Operations Command, Rock Island, IL 61299–6000.
E	A35	General Supplies (DLA/GSA items) (see note 1).	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008
F	AP5	Clothing textile and non-medical toiletries (DLA/GSA items).	U.S. Army Soldiers Biological and Chemical Command, U.S. Army Support Organization, Philadelphia, PA 19101–3460
G	B16	Communications and electronics equipment electronics materiel (see note 1).	U.S. Army Communications Electronics Command, Director of Logistics, Engineering and Operations, Aberdeen Proving Ground, MD 21005
H	B17	Aircraft, Aircraft materiel (see note 1).	U.S. Army Aviation and Missile Command, Redstone Arsenal, AL 35898–5230
J	A35	Ground forces support materiel (DLA/GSA items). (See note 1).	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008
K	AKZ	Combat, tactical and support vehicles, vehicular components and peculiar repair parts related to mobility.	U.S. Army Tank-Automotive Command, Warren, MI 48397–5000.
L	B64	Missiles, missile materiel (see note 1).	U.S. Army Aviation and Missile Command, Redstone Arsenal, AL 35898–5230
M	B14	Ammunition, weapons & tracked combat vehicle weapons, special weapons chemical & fire control materiel (see notes 1 and 2).	U.S. Army Armament, Chemical and Acquisition Logistics Command, Rock Island, IL 61299–6000
P	B46	Signal intelligence (SIGINT)/(EW) equipment	U.S. Army Communications Electronics Command, Aberdeen Proving Ground, MD 21005
Q	A35	Electronics materiel (DLA items) (see note 1).	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008
R	A35	Bulk and packaged petroleum fuels, packaged petroleum products, containers and accessories thereof, certain chemicals and solid fuels (see note 1).	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008
S	AP5	Subsistence (DLA/GSA items) (see note 1).	U.S. Army Soldiers Biological and Chemical Command, U.S. Army Support Organization, Philadelphia, PA 19101–3460

Table 3–23
Materiel category and inventory manager or national inventory control point/Service Item Control Center (Position number 1 of the materiel category)—Continued

Alpha code	Item manager code	Materiel category	Inventory manager of NICP/SICC and location
T	A35	Industrial supplies (DLA/GSA items) (see note 1).	U.S. Army War Reserve Command, Materiel Management Team, New Cumberland, PA 17070–5008
U	B56	COMSEC materiel	U.S. Army Communications Security Logistics Activity, Ft. Huachuca, AZ 85613–7090.
V	BS7	Television, audio and visual equipment	U.S. Army Television-Audio Support Activity, Sacramento, CA 95813–5019
X	BAM	Simulators and training devices	U.S. Army Simulation Training and Instrumentation Command, Orlando, FL 32826–3276
Z	H9A	Special operations support materiel	United States Special Operations Command, SOFSA, Lexington, KY 40512–4100

Notes:
1 Denotes secondary item materiel category titles.
2 Does not include tracked vehicle repair parts.

Table 3–24
Appropriation and budget activity account codes (Position Number 2 of the materiel category)

ABA code	Appropriation category	Appropriation	Budget project
		Procurement appropriation principal	
A	Aircraft	21*2031	1100
B	Modification of aircraft	21*2031	1200
C	Avionics support equipment	21*2031	1410
	Common ground equipment	21*2031	1420
D	Modification of weapons and combat tracked vehicles	21*2033	3300
E	Other missiles	21*2032	2200
F	Modification of missiles	21*2032	2300
G	Missiles support equipment	21*2032	2511
H	Tracked combat vehicles	21*2033	3111
J	Weapons and other combat vehicles	21*2033	3211
K	Ammunition	21*2034	4111
L	Tactical vehicles	21*2035	5111
M	Nontactical vehicles	21*2035	5121
N	Telecommunications equipment	21*2035	5211
P	Other communications and electronics systems/equipment	21*2035	5212
Q	Other support equipment	21*2035	5310

Table 3–24
Appropriation and budget activity account codes (Position Number 2 of the materiel category)—Continued

ABA code	Appropriation category	Appropriation	Budget project
		Other categories	
2	Army stock fund items	21X4991	
3	OMA secondary items	21*2020	
5	OMA major end items	21*2020 (over $3,000)	
9	Base spares (stocks owned by the Nuclear Regulatory Commission)		
Legend	*-The last digit of the applicable fiscal year; X–The fund is continuing and no year is shown.		

Table 3–25
Management inventory segment (Position number 3 of the materiel category)

Numeric code	Description and use
1	Reparable items (exclusive of insurance and provisioning items). This code will be used to identify items of a durable nature which, when unserviceable, normally can be repaired economically by depots or lower echelons of maintenance. It will only be assigned when the repair code (4th position of the source, maintenance, and RC) is O, F, H, L, or D, and the RC, (5th position of source, maintenance and RC) is O, F, H, L, D or A. This indicates that the item is reparable at depot or a lower echelon of maintenance.
2	Nonreparable items (exclusive of insurance and provisioning items). This code will be used to identify items that are not reparable. It will only be assigned when the repair code is Z or B, and the RC is Z or A, which indicates that the item is nonreparable.
3	Insurance items. This code will identify items with insufficient demands for classification as regular stock items, but requires to be stocked since the items' essentiality and long procurement lead time would create an unacceptable situation if not stocked. A numeric code of 3 will only be assigned when the acquisition advice code is Z indicating that it is an insurance/numeric stockage item, and the essentiality code indicates the item is essential.
4	Provisioning items (exclusive of insurance items). This code will identify new items introduced through the provisioning process, and there is not sufficient experience obtained to manage based on normal demand forecasts. These items can be either reparable or nonreparable.

Table 3–26
Specific group/generic codes (Position Number 4 of the materiel category)

Alpha-numeric code	Definition
A	Fixed wing aircraft
B	Rotary wing aircraft
C	Other aircraft categories
D	Surface to air missiles
E	Surface to surface missiles
F	Other missile related materiel
G	Artillery
H	Individual and crew-served weapons
I	Construction equipment
J	Tanks
K	Combat vehicles

Table 3–26
Specific group/generic codes (Position Number 4 of the materiel category)—Continued

Alpha-numeric code	Definition
L	Other weapons categories
M	Armored carriers
N	Tactical vehicles
P	Other automotive categories
Q	Avionics
R	Tactical and strategic communications
S	Surveillance, target acquisition, and night observation
T	Other electronics equipment
U	Soldier and combat support systems
V	Power generating systems
W	Line of communication/base support systems
X	Special ammunition
Y	Conventional ammunition
Z	Other munitions/chemical, biological, radiological (CBR) category
0	Medical materiel or DLA/GSA material
2	Missile and class V components (except safeguard)
3	Missile and class V components (safeguard)
4	Communications systems agency and satellite communications agency-equipment
5	Communications systems equipment
6	Individual and crew-served weapons

Table 3–27
Generic category code (positions 4 and 5 of the material category code)

Group	Code	Description
Fixed-wing aircraft	AD	U–8
	AG	U–21
	AH	OV–1
	AM	Fixed-wing aircraft not supported by Department of the Army (DA)
	AN	C–12-series aircraft
	AP	Unmanned aerial vehicle, close range
Rotary-wing aircraft	BA	UH–1
	BB	AH–1, UH–1, OV–1 turbine engine
	BC	AH–1
	BD	MH–60K helicopter, utility
	BE	UH–60
	BF	UH–60 turbine engine
	BG	AH–64 turbine engine
	BH	MH–E helicopter, cargo-transportation
	BJ	AH–64 airframe
	BK	CH–47

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	BL	CH–47 turbine engine
	BN	UH–60L/AH–64A engine (T–701C)
	BP	OH–58A and OH–58C
	BQ	T63–A–700 and T63–A–720 (turbine engine)
	BR	RAH–66 Commanche aircraft
	BS	Rotary-wing aircraft not supported by DA
	BT	OH–6
	BW	SH–60B turbine engine
	BX	OH–58D Army Helicopter Improvement Program (AHIP)
	BY	OH–58D turbine engine (T703–AD–700)
	BZ	AH–64 Longbow
Other aircraft categories	CA	Target Acquisition Drone Air Reconnaissance System
	CC	Multiapplication aviation spares
	CD	Target acquisition designation sight and pilot night vision sensor
	CE	Electro-Optical Augmentation System
	CG	Aviation ground power unit
	CJ	Aircraft training aids and devices
	C8	Aviation sets, kits and outfits, aircraft ground support equipment, and aircraft life support equipment
Surface to air missiles	DB	Nike Hercules
	DC	Chaparral
	DE	Hawk, basic
	DF	Missile loader transporter, M501L1
	DH	Targets
	DJ	Redeye
	DM	Air-to-air stinger
	DN	Stinger reprogrammable microprocessor/special defense acquisition fund
	DP	AVENGER
	DR	Stinger
	DS	Hawk, improved
	DT	Bradley Stinger Fighting Vehicle-Enhanced System
	DX	Roland
	DY	Standard vehicle-mounted launcher
	D6	Patriot
	D7	Forward area alerting radar
	D9	Line-of-sight forward-heavy
Surface to surface missiles	EA	Brilliant anti-armor submunition
	EC	Fiber-Optic Guided Missile System
	EF	Multiple-Launch Rocket System
	EG	2.75 rocket and M–158A1/M200A1 launcher
	EH	Improved Bradley Acquisition System

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	EK	Rocket, high-explosive, 84MM: M136 (AT4)
	EL	M–22
	EP	Hellfire
	EQ	Multipurpose Individual Munition/Short Range Assault Weapon System
	ER	Follow on to TOW
	ET	Advanced Antitank Weapon System-Medium
	EU	Pershing IA
	EV	Shillelagh
	EW	TOW infantry fighting vehicle (XM2/TOW combat fighting vehicle (XM3)
	EX	Joint ground-launch tacit rainbow
	EY	Land Combat Support System
	EZ	Advanced Antitank Weapon System-heavy (AAWS–H) kinetic energy missile system
	E1	TOW missile
	E2	TOW 2 missile
	E3	Pershing II
	E4	Improved Target Acquisition System
	E5	Dragon
	E6	Precision Gunnery Training System
	E7	TOW 2 infantry fighting vehicle cavalry fighting vehicle
	E8	Army Tactical Missile System
	E9	AAWS–H nonline of sight
Other missile-related material	FA	Ground laser locator designator
	FB	Joint tactical ground station
	FC	Modular universal laser equipment
	FD	AN/TSQ–51 Air Defense Command Coordination System
	FE	Test program sets
	FG	Thermal imagery and ancillary equipment
	FK	Laser target designator
	FM	Integrated family of test equipment
	FQ	Calibration
	FP	Advanced attack helicopter, U.S. Army Aviation and Missile LIfe Cycle Management Command-Managed Subsystem
	FR	Advanced attack helicopter/Target Acquisition Designation Sight
	FT	Forward Area Air Defense Command, Control, and Intelligence
	FV	Sentinal
	FW	Unmanned aerial vehicle- short range
	FZ	Other multiapplication parts
	F1	AN/GSA–77
	F3	AN/TSQ–73
	F4	TOW Cobra
	F5	Theater High Altitude Area Defense System
	F6	Cobra-NITE

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	F9	General research and development
Artillery	GA	Gun, antiaircraft, 20MM, towed M167, Vulcan Air Defense System, gun 20MM, towed M167A2, product improvement Vulcan Air Defense System
	GB	Howitzer, 105MM, M101/M101A1
	GC	Howitzer, 105MM, M102, W/M6 platform
	GD	Howitzer, 155MM, M114/M114A1/M123A1
	GE	Howitzer, heavy 8-inch M115
	GF	Howitzer, pack 75MM M116, howitzer salute 75MM, M120
	GG	Howitzer, 155MM, M198
	GH	Howitzer, light towed, 105MM, M119/L119
	GJ	Howitzer, light, towed, 105MM, M119A1
	GX	Hybrid air defense systems
	GZ	Miscellaneous artillery
	G9	Other artillery multiapplication parts
Individual and crew-served weapons	HA	Pistols, 45 caliber, M1911, M1911A1, M119A1, M15
	HB	Machine gun, M85-series
	HC	Machine gun, 7.62MM, M240
	HD	Machine gun, 7.62 MM, M73/ M73A1/M219
	HE	Rifle, 7.62MM, M14-series with bipod M2, M21
	HF	Rifle, 5.56MM, M16-series with bipod, firing port weapon, rimfire adapter launcher, M234
	HG	Submachine gun, caliber .45, M3/M3A1
	HH	Machine gun, caliber .50 M2-series with tripod M3 and mount M63
	HJ	Machine gun, 7.62MM, M60-series
	HK	Mount tripod M122, for 7.62MM/5.56MM machine gun
	HL	Machine gun, caliber .30 with tripod
	HM	Launcher, grenade, 40MM, M203 for M16 rifle
	HN	Launcher, grenade, 40MM, M79
	HP	Launcher, rocket 3.5-inch, M20-series with mount
	HQ	Gun, automatic, 20MM, M139
	HR	Mortar, 120MM
	HS	Mortar, 60MM, M2/M19 with mount
	HT	Mortar, 81MM, M29-series M1 with mount, M4
	HU	Mortar, 4.2-inch, M30 with mount
	HW	Rifle, 57MM, M18/M18A1/T15E16
	HX	Rifle, 90MM, M67
	HY	Rifle, 106MM, M40-series with mount and rifle spotting, M8-series
	HZ	Launcher, rocket, 115MM, M91/XM70
	H1	84MM M3 Recoilless Rifle, Multi Role Anti-Armor Anti-Personnel Weapon System
	H3	Armament Subsystem, 30MM, XM139
	H4	Armament Subsystem, M28, M28A1, M28A2, M28A3, reflex sight M73/M73A1, helmet sight M128/M36
	H6	Armament Subsystem, 20MM and enhanced fire control system, XM97E2
	H7	Armament Subsystem, 20MM, XM97E1

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	H8	Gun automatic, 25MM, M242
	H9	Other individual and crew-served weapons (excluding code HV assigned to aircraft subsystems)
Construction equipment	IA	Tractor, full-tracked
	IB	Scrapers
	IC	Loader, scoop
	ID	Road graders
	IE	Cranes, wheel
	IF	Cranes, 20 to 25 tons
	IG	Cranes, crawler
	IH	Crane-related construction
	IJ	Excavation equipment
	IK	Sweepers and snowplows
	IL	Asphalt/compaction equipment
	IM	Soil, asphalt, concrete, nuclear test sets
	IN	Armored combat earthmover M9
	IP	Concrete paving and water distribution equipment
	IQ	Crushing equipment
	IR	Compressors and support equipment
Tanks	JA	Tank, combat, M48-series, 90MM gun
	JB	Trainers, tank gunnery
	JC	Tank, combat, flame thrower, M67/M67A1/M67A2
	JD	Tank, combat, 76MM gun, M41/M41A1/M41A2/M41A3
	JE	Tank, M1 Abrams family of vehicles
	JF	Tank, combat 120MM gun, M103, M103A1/M103A2 with trainer M119
	JG	Tank, combat, 90MM, gun M47
	JH	Tank, 105MM, M60A3, TTS
	JJ	Tank, combat, 105MM gun, M60/M60A1/M60A3/M48A5
	JK	Tank, combat, 152MM gun, M60A2 and trainer, M37
	JL	Trainer, driving, M34 for M60 tank series
	JM	Subcaliber mount assemblies universal
	JN	Trainer, armored vehicle, unit conduct of fire trainer institutional conduct of fire trainer 50 and 60 cycle-series
	JP	Combat engineer vehicle, full tracked M728
	JQ	Armored/reconnaissance/airborne assault vehicles, 152MM, M551 with trainer M40
	JR	Simulator tank gunfire, M4/M4A1, for M42, M48, M60 tanks
	JS	Bulldozer EM tank-mounted M6/M8/M8A1/M8A2/M8A3/M9
	JT	Recovery vehicle, M51/M74/M88
	JU	Gun, full tracked, 90MM M56
	JV	Recovery vehicle, M578
	JW	Tank, Abrams, M1A2 unique
	JX	Robotic obstacle breaching assault tank
	JY	Tank, Abrams, M1A1 unique
	JZ	Miscellaneous tanks

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	J1	Breacher (Grizzly)
	J2	Armored Gun System, XM8
	J3	M1 tank maintenance panel training devices
	J4	Simplified test equipment M1, M2, and M3
Combat vehicles	KA	Gun, antiaircraft, self-propelled, 40MM, M42/M42A1
	KC	Howitzer, self-propelled 105MM/M52/M52A1
	KD	Gun, field artillery self-propelled 175MM, M107, howitzer 8-inch M110
	KE	Howitzer, heavy full tracked self-propelled 105MM, M108
	KF	Howitzer, full tracked self-propelled 155MM, M109
	KG	Howitzer, self-propelled, 155MM, M44/M44A1
	KH	Howitzer, heavy full tracked self-propelled 8-inch M55, 155 gun M53
	KK	Division Air Defense System XM247
	KL	Gun, antiaircraft, 20MM, self-propelled, M163, M741, vulcan chassis, M163A1, gun, 20MM, self-propelled, M163A2
Light armored vehicle	KM	Light armored vehicle
	KV	Field artillery ammunition supply vehicle, G801, XM922
	KZ	Miscellaneous combat vehicles
Other weapon categories	LA	Computer gun direction, M18 (FADAC/test set/MLU)
	LB	Direct Support Electrical System Test Set
	LC	Binoculars (standard)
	LD	Aiming circle M1/M2/M2A1
	LF	Periscope, B.C. M43/M65 telescope observation, M48/M49/XM67 portable
	LG	Targets/training devices
	LH	Binocular, IR M18
	LJ	Chronograph, M36, M90
	LK	Shop equipment
	LL	Tools and shop sets
	LP	Ground-Emplaced Mine Scattering System, XM128, antitank mine dispenser M57
	LQ	Plotting sets/boards, fire direction sets
	LS	Army pre-positioned stocks
	LU	Weapon access delay system
	LV	Dispenser, general purpose aircraft XM130
	LW	Multiple Integrated Laser Equipment Management System/antitank weapon effect sig nature simulator
	LX	Backup computer system
	LY	Programmable hand-held calculator
	LZ	Miscellaneous weapons
	L1	Gauges and miscellaneous test equipment
	L2	Air defense-oriented test equipment
	L3	Armament-oriented test equipment
	L4	Fire control-oriented test equipment

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	L5	Other managed component of tool sets
	L6	Major items shop equipment
	L7	Basic issue item sets
	L8	Sergeant York support equipment
	L9	Multiapplication weapon components and parts
Armored carriers	MA	XM491/XM597/XM598
	MB	M113 configuration, carrier, personnel
	MC	M113A1/A2 armored personnel carrier combat vehicle, antitank
	MD	Carrier 1/2 squad
	ME	M8A1 configuration
	MF	M17 configuration
	MG	M116 configuration
	MH	M114 configuration
	MJ	XM571 configuration
	MK	XM759 configuration
	ML	Combat identification panel
	MM	Infantry fighting vehicle (M2, M2A1, M2A2), cavalry fighting vehicle (M3, M3A1, and M3A2)
	MN	M106 carrier, mortar, self-propelled, 107MM
	MP	M125A1, carrier, mortar
	MQ	M548, carrier, cargo
	MR	M577, carrier, command post
	MS	M132, carrier, flame thrower
	MT	Armored car commando V100
	MV	Improved tow vehicle, M901
	MW	Fire support team vehicle, XM981
	MX	XM1059 carrier, smoke generator, full-tracked, armored
	MY	Miscellaneous armored carriers
	MZ	Other armored carrier multiapplication parts
	M2	Bradley fighting vehicle maintenance training devices
	M3	XM1015 electronic warfare
	M4	M548 family of vehicles, Block I modification
	M5	M113 family of vehicles, Block I modification
	M6	XM1064, Armored mortar carrier, 120 MM full tracked, self-propelled
	M7	XM1068 carrier, armored command post, Army Tactical Command and Control system, full track
Tactical vehicles	NA	14- to 20-ton vehicle configuration, M915A2, M916A1, M1062
	NB	1/4-ton vehicle configuration, M151
	NC	1/2-ton vehicle configuration
	ND	1 1/4-ton vehicle configuration, M880-series
	NE	M878 family of vehicles (includes M878 and M878A1)
	NF	3/4-ton vehicle configuration
	NG	1 1/4-ton vehicle configuration, M561-series

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	NH	2 1/2-ton vehicle configuration, diesel
	NJ	2 1/2-ton vehicle configuration, gas
	NK	2 1/2-ton vehicle configuration multifuel
	NL	5-ton vehicle configuration, diesel
	NM	5-ton vehicle configuration, gas
	NN	5-ton vehicle configuration, multifuel
	NP	10-ton vehicle configuration, M123 series
	NQ	14- to 20-ton vehicle configuration, M915, M915A1, M916, M917, M918, M919, and M920
	NR	Heavy expanded mobility tactical truck, all body types, M977, M978, M983, M984, M984A1, M985
	NS	Commercial utility cargo vehicle
	NT	M939 family of vehicles (includes M939A1 and M939A2)
	NU	Heavy equipment transporter, M746, M747, M911
	NV	2 1/2-ton extended service program truck, model M44A3
	NW	Heavy Equipment Transporter System M1070, M1000
	NY	8 to10 ton vehicle configuration, M520-series, go ability overall economy reliability (GOER)
	NZ	Other truck multiapplication parts
	N2	Family of medium tactical vehicles, 2 1/2 ton
	N3	Family of medium tactical vehicles, 5 ton
	N4	Small Unit Support Vehicle
	N5	High mobility multipurpose wheeled vehicle
	N6	Fast attack vehicle
	N7	Military motorcycle
	N8	Palletized Load System, M1074, M1075, M1076, M1077
Other automotive (continued in 8_ (-alpha)_ group)	PA	Semitrailer van, medium, greater than 6 ton, to include M348 series
	PB	Semitrailer M871 and M127 series
	PC	Trailer, utility and cargo configurations
	PD	Trailer, 1/4 ton
	PE	Trailer, special purpose, bakery
	PF	Trailer, M200 series
	PG	Trailer, special purpose, radar
	PH	3/4-ton M101-series
	PJ	Trailer, 1 1/2 ton, M105/M103/M310 series
	PK	Semitrailer vans - light, equal to or less than 6 ton, to include military demountable container military demountable container (MILVAN) chassis
	PL	Trailer, prime mover, 5-ton
	PM	Miscellaneous combat/tactical common hardware/decals/data plates
	PN	1Combat/tactical multiuse repair parts (for example, starters, regulators, generators, distributors, fuel pumps, and spark plugs)
	PP	Tires
	PQ	Special tools (components)

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	PR	Modification work order kits
	PS	Basic issue items
	PT	Miscellaneous vehicle components
	PU	Batteries
	PV	Semitrailer/tanker, M900/M131 series
	PW	Semitrailer, low bed, M172, M345, M870 and M872 series
	PX	Trailer, bolster/pole hauling configuration
	PY	Base-level commercial equipment
	PZ	Nontactical wheeled vehicles
	P2	Trailer, 400 gal water (M107, M149 series)
	P3	Trailer, bed configurations
	P4	Heavy expanded mobility ammunition trailer M989, M989A1
	P5	Dolly sets and trailer converters, 2 1/2 ton, M197, M197A1, M198, M198A1, M689, M707, M707A1, M720, M831, M832, M840
	P6	Semitrailer bed configurations
	P7	Trailer, Patriot missile (M860A1) support
	P8	Dolly set, M1022
	P9	Semitrailer van, expandable, M313 and M447 series
Avionics	QA	Avionics VHF/UHF/AM
	QB	Avionics VHF/FM
	QC	Avionics Intercoms
	QD	Avionics HF/SSB–ICS–VS
	QE	Other avionics
	QF	Avionics very high-frequency omnirange, marker beacon, glide slope
	QG	Avionics gyro compass (navigation)
	QH	Fixed wing unique avionics
	QJ	Avionics identification equipment
	QK	Air traffic control support
	QL	Avionics position fixing and ground support
	QM	Avionics stabilization/instrumentation
	QN	AN/ARC–114/114A radio set
	QP	AN/ARC–115/115A
	QQ	UH–60 unique avionics items
	QR	Inertial navigation systems
	QS	Tactical air navigation systems
	QT	Fixed base system
	QU	AH–64 unique avionics items
	QV	AN/ARC–116 radio set
	QW	CH–47 unique avionics items
	QX	AHIP unique avionics items
	QY	AH–I unique avionics items
	QZ	Single Channel Ground and Airborne Radio System
	Q1	Survivability radios

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	Q2	AN/ARC–164 radio set
	Q3	AN/ARC–186
	Q4	Altimeter indicators
	Q5	Dippler navigation systems
	Q6	Auto direction finder systems
	Q7	Apache ground test station support equipment
	Q8	EH–60A QUICK FIX aircraft unique
	Q9	Avionics shelters
Tactical strategic communications	RA	Portable frequency modulation radio communications equipment
	RB	Vehicular frequency modulation radio equipment
	RC	Amplitude modulation/single side band radio and radio teletypewriter equipment
	RD	Watercraft communications equipment
	RE	Special radio equipment
	RF	Relay and transmission equipment
	RG	FDM equipment
	RH	Manual Switching
	RJ	Tactical Fire Direction System/Advanced Field Artillery Tactical Data Systems
	RK	Project code “CXC”
	RL	Teletypewriters
	RM	Decentralized Automated Service Support System (AN/MYQ–4/4A)
	RN	Maneuver Control System (AN/UYQ–30/30A)
	RP	Facsimiles
	RQ	AN/TTC/TYC/-39/39A/39D
	RR	MICROFIX
	RS	AN/PRC–77 radio family
	RT	AN/VRC–12 radio family
	RU	Vehicular installation units
	RV	Tactical satellite multichannel communication equipment
	RW	Mobile subscriber equipment
	RX	Pulse code modulations
	RY	Digital group multiplexer equipment
	RZ	AN/TRC–170
	R1	Radio teletypewriters
	R2	Vehicular installation unit components
	R3	Intermediate forward test equipment
	R4	Communications division cables
	R5	AN/TSC–94A/100A
	R6	Transportable Single Channel Transponder Receiver MSC–64/GSC_40
	R7	Other vehicular/portable frequency modulation (FM) equipment
	R8	BECS
	R9	Single channel ground air radio systems, ground radio

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
Surveillance target acquisition and night observation	SA	Light and special division interim sensor
	SB	Anti-intrusion devices
	SC	Airborne sensor systems
	SD	Intergators
	SE	Image intensification
	SF	Battlefield illumination
	SG	Infrared systems
	SH	Ground photo systems, processing, and interpretation
	SJ	Air defense systems support
	SK	AN/TPQ–36/37 mortar and artillery radar locating
	SL	Interrogator, AN/TPX46
	SM	AN/UPD–7 Radar System
	SN	Man-portable common thermal night sights
	SP	Position location reporting systems, adaptable surface interface terminal, Joint Tactical Information Distribution System
	SQ	Bottle cleaning and charging station (AN/TAM–4)
	SR	AM/TMQ–31, meteorological
	SS	Cable assemblies, electronics
	SV	Common modules
	SW	Enhanced Position Location Reporting System
	SX	Individual weapon night sights
	SY	Crew-served night sights
	SZ	Night vision goggles
	S1	Command and Control Vehicle
	S2	Joint Surveillance Target Attack Radar Systems
	S3	SINCGARS installation kits/components
	S4	Tactical terminal adapter
	S5	Standard Theater Command and Control System
	S6	Integrated system control
	S7	Special operations forces equipment
	S8	Airborne Mission Planning System
	S9	AN/GSC–9
Other electronic equipment	TA	Tactical generic
	TB	Aircraft survivability equipment less the AN/APR–39 family
	TC	Atmospheric sounding, metrological stations and equipment wind measuring
	TD	General-purpose test equipment
	TE	General-purpose maintenance facility and miscellaneous
	TF	General-purpose electrical power equipment
	TG	Miscellaneous electrical warfare equipment

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	TH	Quicklook II
	TJ	Batteries, dry
	TK	Batteries, storage
	TL	Guardrail V
	TM	Communications systems support equipment
	TN	Radiation Detection, Indication and Computation detection systems
	TP	Other commodity command systems
	TQ	Rechargeable batteries
	TR	Regency Net System
	TS	Communication security systems
	TT	Tactical Fire Direction System cables
	TU	Remotely Monitored Battlefield Sensor System (REMBASS)/improved I–REMBASS
	TV	V1INSON
	TW	Installation kit/component
	TX	Armed Forces radio equipment
	TY	Audiovisual (recorder, reproducer, and public address) and pictorial equipment (FSC 5830, 5835, 6700, and 7700)
	TZ	AN/APR–39 family of countermeasure sets
	T1	Satellite communications cables
	T2	AN/MSM–105 System
	T3	Modular Azimuth Positioning System
	T4	Television Audiovisual Support Activity audiovisual items
	T5	Digital radio and multiplexer acquisition
	T6	Standard remote terminal
	T7	Lithium batteries
	T8	All Source Analysis System
	T9	Global Positioning System
Soldier and combat support systems	UA	Tactical POL distribution equipment
	UB	Bulk POL distribution equipment
	UC	POL storage equipment
	UD	POL test equipment
	UE	Escalators and related equipment
	UF	Water supply and water purification equipment
	UG	Repair shop equipment
	UH	Food services equipment
	UJ	Hygiene/insect control equipment
	UL	Topographic and survey equipment
	UM	Assault boat equipment
	UP	Position and Azimuth Determining System
	UR	Countermine equipment
	US	Counter intrusion equipment

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	UT	Countersurveillance equipment
	UU	Deployable Medical System
	UV	Topographic Support System
	UX	Special inspection equipment and gauges and Force provider power generation
Power generation	VA	Generator sets and related power equipment: systems 60 Hz 15, 30 and 10 KW
	VF	Generator sets and related power equipment 60 Hz 45, 60, 75, 150 and larger KW
	VL	Generator sets and related power equipment: 60 Hz 0.15 to 3.0 KW
	VM	Generator sets and related power equipment: 400 Hz, 0.3 KW and above
	VP	Patriot System support
	VR	Generator sets and related power Equipment: 60 Hz 5 to 10 KW
	VS	Generator sets and related power equipment: 28 V DC, 5 to 10 KW
	VW	Light sets, generator sets and related power equipment 400 Hz 0.3 KW and above
	V4	Military standard engines and repair parts
Line of communication and support	WA	Port support and watercraft base equipment
	WB	Bridge armored vehicle and support equipment
	WC	Container equipment
	WD	Diving equipment system
	WE	Army functional component system
	WF	Railway power and support equipment
	WG	Firefighting and support equipment
	WH	Lighter air cushion vehicle, base 30-ton (LACV–30)
	WJ	Electric material handling
	WK	Diesel engine driven material handling equipment
	WL	Rough terrain material and container handling equipment
	WM	Prefabricated structures equipment
	WN	Fixed bridges and support equipment
	WP	Floating bridges and support equipment
	WR	Mobile assault/ribbon bridges and support equipment
	WS	Air delivery equipment
	WT	Watercraft and related sets, kits, and outfits
	WU	Tool sets and miscellaneous sets, kits, and outfits
	WW	Working/preservation and packaging and other base support equipment
	WX	Cryogenic and support equipment
	WZ	Container express (CONEX)/MILVAN
	W2	Gasoline engine driven material handling equipment
	W3	Refrigerators/refrigerated van equipment
	W4	Miscellaneous material transportation equipment
	W5	Air-conditioning and support equipment
	W6	Heating systems and other related equipment
	W8	Miscellaneous simplified test equipment

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
Special ammunition	XA	Adaption kits
	XB	Atomic demolition material
	XC	Atomic shells
	XD	Bangalore torpedoes
	XE	Blasting caps, detonating cord, and demolition firing devices
	XF	Bombs, general purpose
	XG	Bulk propellant, explosives, and demolition charges
	XH	Cluster bomb unit (CBU)/cluster dispenser unit (CDU), all types
	XJ	Chemical and biological agents
	XK	Flares, all types
	XL	Flame and incendiary materials
	XM	Firing devices for special weapon and advanced firing systems
	XN	Grenades, hand, fragmentation and offensive
	XP	Grenades, hand, riot control agents
	XQ	Grenades, smoke and incendiary
	XR	Grenades, all other types
	XS	Mines and mine fuses all types
	XT	Powder-actuated devices
	XU	Photoflash cartridges
	XV	Riot control agents
	XW	Rockets, 66MM, LAW, all types, including flame
	XX	Rockets, ground, all other types
	XY	Signals, all types
	XZ	Simulators, all types
	X1	Smoke pots
	X2	Test and handling equipment atomic material
	X3	Special weapons, repair parts
	X4	Warhead section atomic, all types
	X5	Warhead section chemical, all types
	X6	Warhead atomic, all types
	X7	Warhead selected
	X8	Modification work order kits
	X9	155MM atomic, field artillery projectile M785/XM785E1
Conventional ammunition	YA	Shell, shotgun, all types
	YB	Cartridge, .22 caliber, all types
	YC	Cartridge, 5.56MM, all types
	YD	Cartridge, 7.62MM, all types
	YE	Cartridge, .30 caliber, carbine, all types
	YF	Cartridge, .30 caliber, all types
	YG	Cartridge, .45 caliber, all types
	YH	Cartridge, .50 caliber, all types

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	YJ	Cartridge, 20MM/30MM, all types
	YK	Miscellaneous small arms ammunition
	YL	Cartridge, 40MM, shoulder fired launcher (M79 type)
	YM	Cartridge, 40MM, automated launcher (M75 type)
	YN	Cartridge, 40MM (gun)
	YP	Cartridge, 60MM, mortar, all types
	YQ	Cartridge, 81MM, mortar, all types
	YR	Cartridge, 4.2-inch mortar, all types
	YS	Cartridge, 90MM, tank, all types
	YT	Cartridge, 105MM, all types
	YU	Cartridge, 152MM, all types
	YV	Other tank and armored vehicle gun ammunition
	YW	Cartridge, 105MM, howitzer, all types
	YX	Projectile, 155MM, all types, and propelling charges
	YY	Projectile, 175MM, all types, and propelling charges
	YZ	Projectile, 8-inch all types, and propelling charges
	Y1	Other artillery ammunition not specifically listed above
	Y2	Artillery/mortar fuzes and primers, all types
	Y3	Folding fin aircraft rocket, 2.75-inch all types
	Y4	Recoilless rifle ammunition, all types
	Y5	Propellant/cartridge-actuated devices
	Y6	Components for conventional ammunition maintenance and renovation program
	Y7	Packaging material for conventional ammunition maintenance and renovation program
	Y8	Bulk explosives and propellants for other customer end-item loading
	Y9	Ammunition peculiar equipment items
Other munitions/CBR categories	ZA	Smoke generators
	ZB	Decontaminating equipment (CBR)
	ZC	Flame-throwers and servicing units
	ZD	Detection and alarm devices
	ZE	Demolition equipment
	ZF	Disperser equipment
	ZG	CBR material
	ZH	Shelter systems
	ZJ	Gas masks
	ZK	Collective protection equipment
	ZL	Explosive ordnance disposal sets and components
	ZM	Ammunition gauges
	ZN	Miscellaneous gauges
	ZP	Modification work order kits
	ZQ	Basic issue list items
	ZR	CBU/CDU repair kits

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	ZS	Compressors
	ZT	Filter units
	ZU	Launcher rockets
	ZV	Impregnating plants
	ZW	Chemical lab
	ZZ	Multiapplication munitions/CBR components and parts
	Z1	XM93 (FOX) Nuclear, Biological, Chemical Reconnaissance System
	Z2	Self contained toxic environment protective outfit
	Z3	Improved toxicological agents protective
DLA/GSA material	00	DLA/GSA-managed items that cannot be identified to a specific Army weapon system/end item
Medical material	01	Type 1 (nonextendable) potency-dated item
	02	Type 2 (extendable) potency-dated item
	03	Not potency-dated
	08	Not potency-dated material quality control significant item
Missile class V	2	Supply class V components for missile systems components (except SAFEGUARD)
	3	Supply class V missile components (SAFEGUARD) (Insert applicable weapon system/end item identification code in the fifth position as shown in surface-to-air missiles or surface-to-surface missiles.)
Communications System Agency and Satellite Communications Agency equipment	4A	Satellite communications terminal-AN/FSC 78/79 peculiar items
	4B	AN/TSC–85A/93A
	4C	Manpack Satellite Communications radios-AN/PSC–3 and AN/VSC–7
	4D	Defense Satellite Communications System
	4E	Light weight computer
	4F	Command and Control Vehicle, AN/TYQ–61–C2V
	4G	AN/GSC–52
	4H	Lightweight leader computer
	4J	Vehicular intercommunications system
	4K	Improved high-frequency radio
	4L	AS–4429/TSC
	4M	AN/PSC5 Tactical Satellite Communications radio
	4N	AN/GRM–122, J–4843A/GRM, and PL–1536/J4843A
	4P	Advanced Field Artillery Tactical Data System AN/GYG–1
	4Q	Forward entry device AN/PSG7
	4R	Digital Topographic Support System
	4S	Network planning terminal
	4T	Network management tool
	4U	AN/USC–28

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	4V	Satellite communications equipment
	4W	Forward area air defense command and control
	4X	Tri-band SHF tactical satellite terminal
	4Y	Joint tactical terminal/commanders tactical terminal 3
Communica-tions systems equipment	5A	Battery Computer System (AN/GYK–29)
	5B	Forward entry device (AN/PSG–7)
	5C	Fire support team digital message device (AN/PSG–5)
	5D	Corps/theater ADP service center-I/II
	5E	Logistics applications of automated marking and reading symbols
	5F	Tactical Army Combat Service Support Computer System
	5G	AN/UYQ–43 V1/V2
	5H	Sustaining Base/Defense Information Infrastructure (transmission systems)
	5J	Common hardware/software
	5K	Combat Service Support Control System
	5L	Sustaining Base/Defense Information Infrastructure (Switch Systems)
	5M	5M AN/MYK8
	5N	AN/TYQ–30/31
	5P	AN/UXC–7
	5Q	AN/UGC–144
	5R	AN/UGC–74
	5S	AN/TCC–41/SB–3614
	5T	Advanced narrow band digital voice terminal/KY–99
	5U	Fiber Optics Transmitter System
	5V	Antenna masts/towers
	5W	Telephones
	5X	Low cap transmission
	5Y	Medium cap transmission
	5Z	High cap transmission
Individual and crew-served weapons	6A	Revolver, caliber .38, 4-inch barrel
	6B	Rifle, caliber .22
	6C	Rifle, caliber .30, M1-series
	6D	Shotgun, 12-gauge
	6E	Pistol, pyrotechnic
	6F	Pistol, caliber .22
	6G	Rifle, recoilless, 75MM
	6H	Mortar, light weight, 60MM, M224, with mount
	6J	Rifle, recoilless 105MM M27-series with mount
	6K	Trainer, mortar, pneumatic
	6M	Marksmanship and gunnery laser devices
	6N	Diagnostic rifle marksmanship simulator

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	6P	Infantry Remote Target System
	6Q	Armament Subsystem Helicopter, 40MM Served Weapons Grenade Launcher, M5
	6R	Armament Subsystem Helicopter, 7.62MM Machine Gun, M21 Multimount M156
	6S	Armament Subsystem Helicopter, 7.62MM Machine Gun, M24
	6T	Armament Subsystem Helicopter, 7.62MM Machine Gun, M27/M27E1
	6U	Armament Subsystem Helicopter, 7.62MM Machine Gun, M41
	6V	Machine Gun, 7.62MM, M134 (minigun)
	6W	Launcher Grenade, Aircraft, 40MM, M75
	6X	Targets and training devices, small arms
	6Y	Launcher, Grenade, 40MM, M129
	6Z	Squad Automatic Weapon System 5.56MM, XM–249
	61	Armament Subsystem UH–60A Helicopter (Blackhawk)
	62	Armament Subsystem Helicopter M23
	63	Launcher, Grenade, 40MM, Machine Gun, Mark 19
	64	Pistol, Caliber 9MM
	66	XM23 Mortar Ballistic Computer
	67	Armament Subsystem, Helicopter, XM149
	68	Mortar, 81MM, XM–252
	69	M24 Sniper Weapon System
Communications systems	7A	Digital Nonsecure Voice Terminal with Digital Data Port
	7B	AN/PRC–126 Small Unit Radio
	7C	AN/PRC–127 Non-hardened Small Unit Radio
	7D	AN/GRA–39 Remote Control
	7E	OE–254 Antenna
	7F	RC–292 Antenna
	7G	Combat Service Support Automated Information Systems Interface, AN/TYQ–55
	7H	Logistics technology
	7J	Standardized Integrated Command Post System
	7K	Electronic Warfare/intelligence
Other automotive	8A	Inner tubes
Training devices, simulations, and simulators	89	Field simulators and training equipment
Signal intelligence	9A	Teammate AN/TRQ–32
	9B	Trailblazer AN/TQS–138
	9C	Trafficjam AN/TLQ–17A
	9D	Quickfix AN/ALQ–151(V)2
	9E	Lightweight Man-transportable Radio AN/PRD–12
	9F	Airborne reconnaissance low, AN/ASQ–214 and AN/ASQ–216
	9G	Advanced quickfix
	9H	Ground base common sensor-heavy (GBCS–H)

Table 3–27
Generic category code (positions 4 and 5 of the material category code)—Continued

Group	Code	Description
	9J	Ground base common sensor-light (GBCS–L)
	9K	Trackwolf
	9L	Trojan spirit
	9M	Advanced Trackwolf
	9N	Electronic warfare and intelligence, active and passive area (strategic misc)
	9P	Agency standard host/standard multi-user small computer requirements contract (ASH/SMSCRC)
	9Q	Agency standard terminal workstations (ASTW)
	9R	Clipboard
	9S	Crazyhorse
	9T	Focus
	9U	TD–1303/TD–1398 homester
	9V	R–2174B, receiver
	9W	Scope 2000
	9X	AN/FSQ–133 tracechain
	9Y	Winterfeed
	9Z	WJ–8618B, receiver
	92	Electronic warfare and intelligence, active and passive area (general misc)
	93	Intelligence electronic warfare common sensor (IEWCS)-Common (CHALS–X, TA JAM–A, CMES)

Table 3–28
Material safety data sheet indicator codes

Code	Explanation
A	Safety data sheets are required in the FSC of items listed. The FSC of the item is listed in Federal Standard (FED–STD) 313, in which all items must be identified and certified. Manufacturer/supplier must prepare and submit an SDS to designated Government activities according to Federal Acquisition Regulation (FAR) 23.301 and FAR 52.223.
B	SDS is required only for items identified and certified by the manufacturer or supplier to be hazardous, according to criteria in FED–STD 313. The FSC of the item is in FED–STD 313.
C	SDS is not required for the FSC. The FSC of the item is listed in FED–STD 313; however the item has been certified by the manufacturer or supplier as not having any of the hazardous characteristics specified in FED–STD 313.
D	SDS was submitted by the manufacturer or supplier and received by the requiring Government activity. The item was determined by the manufacturer or supplier to be hazardous as defined in FED–STD 313.
E	Item is not in the FSCs listed in FED–STD 313.
F	SDS is required with items determined to be hazardous as defined in FED–STD 313. An SDS will be submitted by the manufacturer or supplier even though the FSC is not listed in table I or II.

Table 3–29
National codification bureau codes

Code	Country
00	United States
01	United States
11	NATO
12	Germany
13	Belgium
14	France
15	Italy
16	Czech Republic
17	Netherlands
18	South Africa
20, 21	Canada
22	Denmark
23	Greece
24	Iceland
25	Norway
26	Portugal
27	Turkey
28	Luxembourg
29	Argentina
30	Japan
31	Israel
32	Singapore
33	Spain
34	Malaysia
35	Thailand
36	Egypt
37	Republic of Korea
38	Estonia
39	Romania
40	Slovakia
41	Austria
42	Slovenia
43	Poland
44	United Nations
45	Indonesia
46	Philippines
47	Lithuania
48	Fiji
49	Tonga
50	Bulgaria
51	Hungary

Table 3–29
National codification bureau codes—Continued

Code	Country
52	Chile
53	Croatia
54	Former Yugoslav Republic of Macedonia
55	Latvia
56	Oman
57	Russia
58	Finland
59	Albania
60	Kuwait
61	Ukraine
63	Morroco
64	Sweden
65	Papua New Guinea
66	Australia
70	Saudi Arabia
71	United Arab Emirates
73	Serbia
74	Pakistan
75	Bosnia and Herzegovina
98	New Zealand
99	United Kingdom

Table 3–30
Phrase codes

Code	Phrase statement	Explanation
Blank	DOD I&S family master NSN	Indicates the item represented by the NSN in the header is a master NSN in a DOD I&S family. This blank phrase code must be accompanied by one of the following conditions: a. Be the first occurrence in an I&S family and reflect a blank related NSN field, having a valid I&S master OOU, and have at least one additional occurrence of phrase data with either phrase code G, S or 7. b. Have a loaded related NSN field in combination with the correct OOU.
A	Consolidated with (NSN) (to be used in IDS only).	Indicates that the item represented by the NSN in the header is to be consolidated with the item represented by the NSN in the phrase statement area. The items of supply are identical or completely interchangeable and will be issued under the NSN in the phrase statement area. This phrase is responsive to the action by the DLIS. Note: The NIIN must always change; the FSC may or may not change.
C	Cancelled-Replaced by (NSN)	Indicates that the NSN in the header was assigned to more than one item of supply in error. Field activities must physically re-identify stocks on hand to the appropriate NSNs reflected in the phrase statement area as correct item(s).
D	Change to FSC (to be used in IDS only).	Indicates that the FSC class for the item in the header has been changed to the FSC class for the item in the phrase statement area.
E	Replaced by (NSN) (to be used in I&S segment only).	Indicates the item represented by the NSN in the header is replaced by the interchangeable preferred item represented by the NSN in the phrase statement area (stocks will be used until exhausted). Must be used in combination with phrase code G addressed to the NSN in the phrase statement area. The item manager will delete the stock number from AESIP when all stock is exhausted from the wholesale system.

Table 3–30
Phrase codes—Continued

Code	Phrase statement	Explanation
F	When exhausted use (NSN) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the header is replaced by the preferred item represented by the NSN in the phrase statement area. This code indicates a one-way substitution. Must be used in combination with phrase code 7. The item manager will delete the stock number from AESIP when all stock is exhausted from the wholesale system.
G	Use related item (NSN) until exhausted (to be used in I&S segments only).	Indicates that the item represented by the NSN in the header is the replacement for and is interchangeable with the item in the phrase statement area. The replacement item will not be issued until the supply of the replaced item is exhausted. Must be used in combination with phrase code E.
H	Suitable substitute (NSN) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the phrase statement area is an authorized substitute for the item represented by the NSN in the header.
J	Interchangeable with (NSN) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the header and the item represented by the NSN in the phrase statement area are completely interchangeable, one for the other. Preferred item relationship is not implied, and stocks under the NSNs will not be consolidated.
K	UI contains (quantity and UM)	Indicates that the item represented by the NSN in the header is assigned a nondefinitive UI. Data reflected in the segment H specifies the content of the nondefinitive UI.
L	Superseded by (NSN) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the header is to be discontinued and replaced by the item represented by the NSN in the phrase statement. Dispose of material on hand or subsequently received. The item manager will delete this NSN from AESIP when stock is depleted.
M	Break down into (NSNs) (to be used in the component segment only).	Indicates that the item represented by the NSN in the header is no longer stocked as an assembly. This phrase will be applied to an item when it is desired to breakdown the following: a. Assemblies into subassemblies and attaching parts. b. Groups of items into single items. c. Any two or more items that should not be binned together under one stock number. Support will be provided by the NSNs represented in the phrase statement area. Multiple entries will be required for NSNs and may be required for document entries. The item manager will delete the NSN from AESIP when no longer required.
N	Disposal (to be used in IDS only).	Disposal Indicates that the item represented by the NSN in the header is no longer a required item of supply. Dispose of stock in accordance with current instructions. The item manager will delete the NSN from AESIP and move it to the item history file.
P	Use assembly, assortment, or kit (NSN) (to be used in IDS only).	Indicates that the item represented by the NSN in the header is not, or will no longer be, stocked as an individual item of supply. Requisition the next higher assembly, assortment, or kit represented by the NSN in the phrase statement area. The item manager will delete the NSN from AESIP and move it to the item history file.
Q	Fabricate or assemble	Indicates that the item represented by the NSN in the header is not, or will no longer be, centrally stocked. Fabricate or assemble from components listed in the technical document or “see TM” reflected in the phrase statement area or represented by the NSNs in the phrase statement area.
R	Refer to (technical document). To be used in IDS only.	Indicates that the item represented by the NSN in the header required special handling as specified in the technical document or “see TM” (insert TM number) listed in the phrase statement area.
S	Stock as (NSNs) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the header applies to the item cataloged for authorization and procurement purposes. When manufacturer’s name and identification become known for each new procurement source, the additional NSN(s) is reflected in the phrase statement area. Must be used in combination with phrase code 3.
T	Condemned (to be used in IDS without a replacement stock number; I&S segment with a replacement stock number.	Indicates that the item represented by the NSN in the header has been condemned, and its use is prohibited. Disposition will be in accordance with current directives. The replacement NSN, if applicable, is represented by the NSN in the phrase statement area. The item manager will delete the NSN from AESIP and move it to the item history file.
U	Associated with (master NSN, I&S family)	Indicates that the item represented by the NSN in the header is in an I&S family that is managed by a PICA (letter of authorization 06, 22 or 23) which has no user/retail interest in the item, but management interest only. Phrase code U records will not be filed in the Army retail system. Special requirements code 4 will be recorded in the item data to satisfy AESIP requirements.
V	Discontinued without replacement (to be used in item data segment).	Indicates that the item represented by the NSN in the header is to be discontinued without replacement. Stocks on hand will be issued and used until exhausted. The item manager will delete the NSN from AESIP and move it to the item history file.
Y	Equivalent to (NSN) (to be used in equivalent item segment only).	Indicates the item represented by the NSN in the header has physical and performance characteristics identical to the item represented by the NSN in the phrase statement area. The items of supply differ only in the unit quantity and/or UI. Multiple records may be required.

Table 3–30
Phrase codes—Continued

Code	Phrase statement	Explanation
Z	Discontinued-use (NSN) (to be used in I&S segment only).	Indicates that the item represented by the NSN in the header is to be discontinued and replaced by the NSN in the phrase statement area. Stock will be issued until exhausted according to current directives. The item manager will delete the NSN from AESIP and move it to the item history file.
2	When exhausted, use NSN with phrase code 4.	Army use only.
3	Reversal of phrase code S	Indicates that the item represented by the NSN in the header is the (physical) item of production in an I&S Generic relationship. (The generic master NSN appears in the phrase statement area.). Must be used in combination with phrase code S.
4	Reversal of phrase code 2	Army use only.
5	When exhausted, use NSN with phrase code 6	Army use only.
6	Reversal of phrase code 5	Army use only.
7	Replacement for NSN	Indicates that the item represented in the header is the preferred item master NSN in the I&S family and is suitable for the item(s) represented by the NSN in phrase statement area. The replacement item, master NSN in the I&S family, will be issued when the supply of the replaced item(s) is exhausted. Must be used in combination with phrase code F.

ac. Precious metals indicator code. The precious metals indicator code is a 1-position alphanumeric code used to identify items that have precious metals as part of their content. Precious metals are those metals considered to be uncommon and highly valuable. Use this code together with the RC to make sure that precious metals are recovered or that special handling or disposal procedures are followed (see table 3–31). This code is in the special Army data segment of the AMDF.

ad. Price signal code. The price signal code is a 1-position code that denotes how the price field is expressed. This code is in the IDS of the AMDF (see table 3–32).

ae. Recoverability code. The RC is a 1-position alphabetic code assigned to support items to indicate the level of maintenance at which unserviceable support items may be condemned or disposed of. This code is in the IDS of the AMDF (see table 3–33).

af. Related number status code. The related number status code is a 1-position alphabetic code D that indicates an NSN or MCN in the phrase statement or related NSN or MCN column is inactive. A blank in this column shows that the NSN or MCN in the phrase statement or related NSN or MCN column is active. This code is in the item data history segment of the AMDF.

ag. Reportable item control code. The RICC is a 1-position numeric code assigned to those items of equipment selected as reportable and identified by RICC 2, and 3 according to SB 700–20. Intensive management items identified by RICC 8, per AR 710–1, are also included. This code is in the IDS of the AMDF (see table 3–34).

ah. Shelf life code. The SLC is a 1-position alphanumeric code assigned a SLC item. It identifies the period of time beginning with the date of manufacture, cure or assembly, and ending with the date the item must be used or subjected to inspection, testing or restorative, or disposal action. For medical items, the shelf life refers only to expiration dated (potency) items (type 1). Nonpotency dated items have an estimated storage period and are referred to as estimated storage life items (type II). Both SL potency (type I) items and estimated storage life (type II) items are coded in the fourth and fifth positions of the materiel category structure. For example, codes 01 or 02 reflect a SLC (potency) period; 03 reflect an estimated storage period. This code is in the IDS of the AMDF (see table 3–35).

ai. Source of supply code. The SOS is a 3-position alphanumeric code that identifies the activity where requisitions are to be sent. A list of SOS codes, in RIC sequence, including the geographical locations and cataloging activity codes are identified (see table 3–36). This code is in the IDS of the AMDF.

aj. Special control item code. The SCIC is a 1-position alphanumeric code that identifies items requiring special controls (see table 3–37). This code is in the IDS of the AMDF.

ak. Special handling code. The special handling (SH) code is a 1-position alphanumeric code that indicates if special handling is needed. This is the fifth position of the water commodity and cargo exception code (see DOD 4500.32–R, Vol 1, for specific code explanations). This code is in the freight segment of the AMDF.

al. Special requirements code. The special requirements code is a 1-position alphanumeric code that identifies supply functions that must be done according to special requirements documents. This code is in the item data and history segments of the AMDF (see table 3–39).

am. Subsistence usage management code. The subsistence usage management code is a 1-position alphabetic code that indicates to whom and under what conditions a subsistence item will be issued. It is used by the requisitioner to identify items of subsistence suitable for requisition. This code applies to items in FSG 89 only and is in the item identification segment of the AMDF (see table 3–40).

Table 3–31
Precious metals indicator codes (See note)

Code	Type precious metal	Content value
A	No known precious metal Item does not contain precious metal.	None.
C	Item contains combination of two or more precious metals (silver, gold, or platinum).	Not applicable.
G	Gold.	Less than 10 grams.
P	Item contains platinum family metals.	
S	Item contains silver.	
U	Precious metal type unknown.	
V	Precious metal type varies between manufacturers.	

Notes:
The platinum family contains platinum, palladium, iridium, rhodium, osmium, and ruthenium.

Table 3–32
Price signal codes

Code	Explanation
S	Standard unit price cited in dollars and cents. Limited to a price range of $0.01 to $99,999.99.
E	Estimated unit price cited in dollars and cents; limited to a price range of $0.01 to $99,999.99.
X	Unit price cited in whole dollars. Limited to a price range of $100,000 or more, but less than $10 million.
M	Unit price cited in hundreds of dollars; limited to prices of $10 million or more.
F	No applicable unit price. Price field is zero (0) filled; indicates no price is applicable to local purchase items of DLA, GSA, and other military services, and free issue items-manuals and antigens; limited to expendable items only and to classes of supply except V and VII.

Table 3–33
Recoverability codes (See note)

Code	Explanation
A	Special handling item. Item requires special handling or condemnation procedures because of a specific reason (for example, precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals or directives for specific instructions.
D	Reparable item. When item is beyond lower level repair capability, return to depot. Condemnation and disposal not authorized beyond depot levels.
F	Reparable item. When uneconomically reparable, condemn and dispose at direct support level.
H	Reparable item. When item is uneconomically reparable, condemn and dispose at general support level.
K	Repairable item. Condemnation and disposal to be performed at contractor facility.
L	Reparable item. Repair, condemnation and disposal not authorized below depot or specialized repair activity level.
O (alpha)	Reparable item. When item is uneconomically reparable, condemn and dispose at organizational level.
Z	Non-repairable item. When unserviceable, condemn and dispose of at the level indicated in column 3 of the source maintenance and RC (AR 700–82).

Notes:
A blank in this position means the item is likely an end item, which is not assigned an RC. AR 710–2 provides policies for disposing of end items.

Table 3–34
Reportable item control codes

Code	Explanation
0	Not reportable.
1	Deleted.
2	Items selected and designed by USAMC major subordinate commands (MSCs) that are authorized by TOE, modification table of organization and equipment, table of distribution and allowances, CTA and Joint tables of allowances. This category includes the following: a. All NSNs of a generic family. b. All major items with appropriation and budget activity account codes A through Q. c. Secondary items that are type classified and are subject to individual quantitative authorization and distribution management. d. All LINs that are coded equipment readiness code A unless specifically excluded by HQDA.
A	Same as RICC 2, and requires serial number tracking for supply visibility.
B	Same as RICC 2, and requires serial number tracking for maintenance data.
C	Same as RICC 2, and requires serial number tracking for both supply visibility and maintenance data.
3	Deleted.
8	Items selected and designated by AMC MSCs for intensive management under the SIMS–X per AR 710–1 (applicable to Army managed items only).
D	Same as RICC 8 except requires serial number tracking for supply visibility.
E	Same as RICC 8 except requires serial number tracking for maintenance data.
F	Same as RICC 8 except requires serial number tracking for both supply visibility and maintenance data.
G	Requires no CBS–X nor SIMS–X reporting, but does require serial number tracking for supply visibility.
H	Requires no CBS–X nor SIMS–X reporting, but does require serial number tracking for maintenance data.
J	Requires no CBS–X nor SIMS–X reporting, but does require serial number tracking for both supply visibility and maintenance data.
K	Same as RICC 2. This item does not require serial number tracking, but contains installed component(s), which require serial number tracking for supply visibility purposes.
L	Same as RICC 2. This item does not require serial number tracking, but contains installed component(s), which require serial number tracking for maintenance purposes.
M	Same as RICC 2. This item does not require serial number tracking, but contains installed component(s) which require serial number tracking for both supply visibility and maintenance purposes.
N	Same as RICC 0, except has installed component(s) which require serial number tracking.
P	Same as RICC A, except has installed component(s) which require serial number tracking for supply visibility purposes.
Q	Same as RICC B, except has installed component(s) which require serial number tracking for maintenance purposes.
R	Same as RICC C, except has installed component(s) which require serial number tracking for both supply visibility and maintenance purposes.
Z	Same as RICC 2, and requires tracking for reduction of inventory visibility.

Table 3–35
Shelf life codes (See note 1)

Code		Explanation
Type I (See note 1)	Type II (See note 3)	Storage time period
0	0	Nondeteriorative
A		1 month
B		2 months
C	1	3 months
D		4 months
E		5 months

Table 3–35
Shelf life codes (See note 1)—Continued

Code		Explanation
F	2	6 months
G	3	9 months
H	4	12 months
I		72 months
J		15 months
K	5	18 months
L		21 months
M	6	24 months
N		27 months
P		30 months
Q	7	36 months
R	8	48 months
S	9	60 months
T		84 months
U		96 months
V		108 months
Type I (See note 1)	Type II (See note 3)	Storage time period
W		120 Months
X	X	Medical Items, parachutes and chemical protective clothing with a shelf life greater than 60 months
Y		180 months
Z		240 months

Notes:
1 Excluded are class V supplies (ammunition) in FSCs 11, 13, and 14 and FSCs 2845 and 9135. The SLC position of the IDS for these items will be blank. Also excluded are perishable subsistence (FSCs 8905, 8910, and 8915) and bulk petroleum items (FSC 9130 and 9140). The SLC position of the item data segments for these items may be blank. Recipients will report any deterioration of 0 (numeric) coded items to the item manager for review. If nonexpiration dated material and type II shelf life materiel have exceeded their shelf life period, then the materiel will be inspected or tested before disposal to see if it should remain in stock. The item manager will prescribe inspecting, testing, or restoring this materiel.
2 Type I. An item of supply, which is determined through an evaluation of technical test data or actual experience to be an item with a definite nonextendable period of shelf life.
3 Type II. An item of supply having an assigned shelf life time period that may be extended after completion of inspection, test, or restorative action.

Table 3–36
Source of supply codes/routing identifier codes

Code	Service/Activity	Activity Code
AKZ	U.S. Army Tank-Automotive and Armaments Command Warren, MI 48397–5000	AZ
AP5	U.S. Army Soldier's Biological and Chemical Command U.S. Army Support Activity Philadelphia, PA 19101–3460	CA
A12	U.S. Army Soldier's Biological and Chemical Command Natick, MA 01760	AJ
A35	U.S. Army War Reserve Command Materiel Management Team New Cumberland, PA 17070–5008	CD
BAM	Simulation Training and Instrumentation Command Orlando, FL 32826–3276	BS,AT

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
BS7	Television-Audio Support Activity Sacramento, CA 95813–5019	BS,AV
B14	U.S. Army Armament and Chemical Acquisition and Logistics Activity AMSTA–AC Rock Island, IL 61299–6000	BF
B16	U.S. Army Communications-Electronics Command Aberdeen Proving Ground, MD 21005	CL
B17	U.S. Army Aviation and Missile Command (Air) AMSMI–LC–MM–C Redstone Arsenal, AL 35898–5230	CT
B56	U.S. Army Communications Security Logistics Activity Fort Huachuca, AZ 85613–7090	CM
B63	USA Biological Depot, Washington, DC Mail - Commanding General, Walter Reed Army Medical Center, Chief Supply Control Branch, Washington, DC 20012	N/A
B64	U.S. Army Aviation and Missile Command AMSMI–LC–MM–C Redstone Arsenal, AL 35898–5230	BD
B69	U.S. Army Medical Material Agency Frederick, MD 21701–5001	AM, AS
CAT	Caterpillar INC. Defense and Federal Products Div. 14009 Old Galena Road Moosville, IL 61552	
CLC	Thales Raytheon Systems Co. 2000 East El Sequndo Blvd El Sequndo, CA 90245–0902	BS,AU
FG5	Ogden Air Logistics Center Hill AFB, UT 84056–5609	SU
FGL	AF Nuclear Weapons Product Support Center Kirtland AFB, New Mexico 87117–5617	SK
FGZ	Ogden Air Logistics Center Hill AFB, UT 84056–5609	SU
FHZ	Oklahoma City Air Logistics Center Tinker AFB, OK 73145–5989	SX
FLZ	Warner Robins Air Logistics Center Robins AFB, GA 31098–5609	TG
FL5	Warner Robins Air Logistics Center Robins AFB, GA 31098–5609	TG
FMS	AFMC Air Force Security Assistance Center/XR Wright-Patterson AFB, OH 45433–5001	TD
FND	AFMPC/MPCCM Randolph AFB, TX 78148	N/A
FNF	AFLC Command Chaplain HQ, AFLC/HC Wright-Patterson AFB, OH 45433–5001	SA
FPD	Air Force Cryptologic Support Center (ESC) San Antonio, TX 78243–5000	SJ
FPH	Detachment 3, WR–ALC San Antonio, TX 78241–5603	SP
FPK	San Antonio Air Logistics Center Kelly AFB TX 78241–5000	SC
FPZ	San Antonio Air Logistics Center Kelly AFB, TX 78241–5000	SP
FZZ	WR–ALC/LX Bldg 350 STRM C 750 3rd Street Robbins AFB, GA 31098–2122	TG

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
F01	Lockheed Martin Aeronautical Systems 86 South Cobb Dr. Marietta, GA 30063–0659	TL
F04	Air Force Medical Logistics Office AFMLO/FOL Fredrick, MD 21701–5006	TT
F06	Lockheed Martin Aeronautical Systems 86 South Cobb Dr. Marietta, GA 30063–0659	TL
F08	Aerospace Integration Corporation 5555 John Givens Rd. Crestview, FL 32539–7019	TD
F09	Lockheed Martin Mission Systems 3201 Airpark Dr # 202 Santa Maria, CA 93455–1120	TL
F13	Pratt & Whitney 17900 Beeline Hwy Jupiter, FL 33478	TP
F16	Rolls Royce Corporation 2840 Fortune Circle West Indianapolis, IN 42641–5055	SI
F20	L3 Communication, Integrated Systems, JOG 91 Hill Ave Fort Walton Beach FL 32548–7005	TO
F2U	Warner-Robins Air Logistics Center Robins AFB, GA 31098–5609	TG
F27	Warner Robins Air Logistics Center Robins AFB, Georgia 31098–5609	TG
F28	The Boeing Company 626 Anchors St. NW Fort Walton Beach, FL 32548–7013	TB
F4U	Ogden Air Logistics Center Hill AFB, UT 84056–5609	SU
F43	Honeywell Technical Services, Inc. 1110 Bayfield Dr. Colorado Springs, CO	TQ
F50	The Boeing Company C–130 Avionics Mod Program 100 North Riverside Chicago, Illinois 60606	TB
F56	FD9490 SOFSA EMB FOR DEPOT STORAGE ONLY 5749 Briar Hill RD. Lexington, KY 40516–9721	TO
F59	Northrop Grumman IS ACS 2501 Liberty Parkway, Suite 101 Midwest, OK 73110–2885	TN
F63	Composite Engineering, Inc 5281 Raley Blvd Sacramento, CA 95835–1701	TC
F7X	Air Force Cryptologic Support Center (ESC) San Antonio, TX 78243–5000	SJ
F74	Northrop Grumman Corporation Warner Robins GA 31088–7499	TN
F77	Boeing Military Transportation Aircraft Los Angeles, CA 90307–3044	TB

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
F78	Northrop Grumman Ryan Aero San Diego, CA 92127	TM
F8U	Oklahoma City Air Logistics Center Tinker AFB, OK 73145–5989	SX
F80	Warner Robins Air Logistics Center Robins AFB, GA 31098–5609	TG
F81	Lockheed Martin Aero Co. 2211 New Market Parkway, SE Suite 112 Marietta, GA. 30067–9310	TL
F83	General Atomics-Aeronautical Systems 16761 Via Del Campo Court San Diego, CA 92127–1713	TF
F85	International Telephone & Telegraph 1030 S. Highway AlA, Bldg, 989 PO Box 254307 Patrick AFB, FL 32925	TV
F92	Air Force Clothing and Textile Office Philadelphia, PA 19101–8419	ST
F97	HQ, Air Force Engineering and Services Center/AFESC Tyndall AFB, FL 32403–6001	SR
GF0	General Services Administration General Products Commodity Center Fort Worth, TX 76102	75
GGE	General Services Administration Federal Technology Service Information Security (FTS/TI) 7th & D Streets, SW Washington, DC 20407	73
GK0	General Services Administration Tools Material Management Division 2808 E 85th St. Kansas City, MO 64131	75
GN0	General Services Administration Office of Supplies and Paper Products Commodity Center 290 Broadway #206 New York, NY 10278	75
GQ0	General Services Administration Office of Scientific Equipment Commodity Center 1800 F St NW Washington, DC 20406	75
GSA	General Services Administration 1800 F St NW Washington, DC 20406	75
GT0	General Services Administration Prints and Chemicals Commodity Center 400 15th St SW Auburn, WA 98002	75
GV0	General Services Administration Furniture Commodity Center 1800 F St NW Washington, DC 20406	75
G13	Department of Commerce National Oceanic and Atmospheric Administration National Weather Service - Engineering Division 1325 East-West Highway W/0S0322, SSMC2 Silver Springs, MD 20910	47

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
G14	National Weather Service National Reconditioning Center 1520 E. Bannister Road Kansas City, MO 64131	47
G36	Veterans Administration Supply Depot (901E) PO Box 27 Hines, IL 60141	54
G69	Department of Transportation Federal Aviation Administration COE AML–030 TSF BLDG 215 PO Box 25082 Oklahoma City, OK 73125–0082	48
HAD	Defense Threat Reduction Agency, Albuquerque Operations Kirtland AFB, NM 87117–5669	XB
HAM	HQ, USSOCOM/SOAL–LM 7701 Tampa Point Blvd. MacDill AFB, FL 33621–5323	XJ
HGD	Honeywell Federal Manufacturing and Technologies 14520 Botts Rd. Kansas City, MO 64147	XB
HM8	Defense Supply Center Richmond (Mapping) 8000 Jefferson Davis Hwy Richmond, VA 23297–5335	DH
H9A	Special Operations Forces Support Activity (SOFSA) BLDG 221 Blue Grass Station 5751 Briar Hill Road Lexington, KY 40512–4063	XJ
H9D	USSOCOM 7701 Tampa Point Blvd. MacDill AFB, FL 33621–5323	XJ
L01	Coastal Systems Station Dahlgren Division Naval Surface Warfare Center Panama City, FL 32407–7001	PA
L05	BAE Systems Marine LTD Lans Bldg C–08 Barow-In-Furness Cumbria England LA14 1AF	PA
L46	Zodiac of North America Inc. Jackie Dolch Tel. 410- 643- 4141 540 Thompson Creek Road Stevensville, MD 21666	PA
LA1	Federal Prison Industries FCI Estill 100 Prision Rd Estill, SC 29918–0699	PA
LA2	Track International Prime Contractor 369 W Western Ave Port Washington, WI 53074–0990	PA
LA3	Terex Cranes Inc. Conway Operation PO Box 260002 Conway, SC 29528–6002	PA
LA4	Litton Electro Optics Systems Division U.S. Marine Corps 12024 Forrestgate Drive Dallas, TX 75243–5411	PA
LA5	Hayes Diversified Technologies 10844 E Ave, Suite A1 Hesperia, CA 92345–5000	PA

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
LA6	Advanced Vehicle Systems Inc. 600 New Hampshire Ave NW Suite 1000 Washington, DC 20037–2485	PA
LA9	Oshkosh Truck Corporation PO Box 2566 2225 Minnesota St Oshkosh, WI 54902–7021	PA
LB2	Lion-Vallen Industries 6450 POE Ave Suite 300 Dayton, OH 45414–2646	PA
LB3	Isometrics Inc. 1266 N. Scales Street PO Box 660 Rockingham County Reidsville, NC 26320–8306	PA
LB4	Navistar International Corporation Truck Ohio Plan 6125 Urbana Rd. PO Box 600 Springfield, OH 45501–0600	PA
LB7	Ingersoll Rand, MF M67854 01 L 3086 501 Sandford Ave Mocksville, NC 27028–2919	PA
LB8	Elgin Sweeper Company Subsidiary of Federal Signal 1300 West Bartlet Road Elgin IL 60120–7429	PA
LC1	XR Raytheon Co. Hanger Facility Bldg 11005 Biggs Army Airfield El Paso, TX 79916–0001	PA
LC2	Ingersoll-Rand Equipment & Services Co 12311 West Silver Spring Drive Milwaukee, WI 53225	PA
LC3	Kalyn Siebert 1505 W. Main Street PO Box 1078 Gatesville, TX 76528–6078	PA
LC5	General Dynamics 14043 Crown Ct Woodbridge, VA 22193	PA
LC6	Raytheon Company PO Box 801 McKinney, TX 75070–0801	PA
LC7	United Defense LP Ground Systems Division PO Box 15512 York, PA 17405–1512	PA
LC8	Defense Federal Products TC A 14009 Old Galenda Rd Mossville, IL 61552–0470	PA
LC9	AM General PO Box 728 408 S. Byrkit Street Mishawaka, IN 46544–0728	PA
LD2	Aerovironment 69 Moreland Road Simi Valley, CA 93065–1662	PA
LD3	RO Defense Inc. 48 Rawls Spring Loop Road Hattiesburg, MS 39402–7801	PA
LD4	Nordic Air, Inc. 5455 Route 307 West Geneva, OH 44041	PA

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
LD6	Harris Corporation GCSD 2400 Palm Bay Road NE Palm Bay, FL 32905–3399	PA
LD9	GYROCAM Systems LLC 8100 15th Street East Sarasota, FL 34243	PA
MA6	Advanced Vehicle Systems Inc L00864 600 NW Hampshire Ave, NW Ste 1000 Washington, DC 20037	PA
MA7	Hayes Diversified Technologies L00679 100844 E Ave Ste A1 Hesperia, CA 92345	PA
MA8	AM General L00211ration PO Box 728 420 South Byrkit St Mishawaka, IN 46522–3012	PA
MA9	Oshkosh Truck Company 2307 Oregon St Oshkosh, WI 54901	PA
MHQ	Headquarters Marine Corps Washington, DC 20380	PM
MPB	Commanding General Marine Corps Logistics Command 566–2, Bldg. 3700 Albany, GA 31704–5000	PA
MTC	American Crane Corporation DBA Terex American Inc. 202 Raleigh St Wilmington, NC 28412–6363	PA
M00	Raytheon Systems Company L00682 2501 W. University Drive PO Box 801 M/S 8064 McKinney, TX 7570–0801	PA
M20	United Defense LP Ground Systems Div. 1100 Bairs Rd. PO Box 15512 York, PA 17405–1512	
M31	Caterpillar Inc, Defense Federal Products TCA 14009 Old Galena Rd Mossville, IL 61522–0407	PA
M32	Lion-Vallen Industries 6450 Poe Ave Suite 300 Dayton, OH 45414–2646	PA
N17	Navy Resale and Service Support Office Fort Wadsworth Staten Island, NY 10305	N/A
N21	Naval Air Systems Command Washington, DC 20360	KA
N21	Naval Air Systems Command Washington, DC 20376	KA
N22	Naval Supply Systems Command Washington, DC 20376	HP
N23	Naval Sea Systems Command Washington, DC 20362	HA/HB
N24	Program Executive Officer Expeditionary Warfare PMS 325J 2531 Jefferson Davis Highway Arlington, VA 22242–5171	JK

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
N25	Naval Facilities Engineering Command Alexandria, VA 22332	N/A
N26	Bureau of Naval Personnel Washington, DC 20370	N/A
N32	Naval Inventory Control Point Philadelphia, PA 19111–5098	KE
N35	Naval Inventory Control Point Mechanicsburg, PA 17055–0788	HD,HX,JF
N39	Military Sealift Command Washington, DC 20390	HW
N43	Navy Food Service Systems Office Washington Navy Yard Washington, DC 20374	N/A
N44	Strategic Systems Project Office 1250 10th Street SE Washington, DC 20376	JV
N45	Naval Training System Center Orlando, FL 32813	GR
N47	Navy Fleet Material Support Office Mechanicsburg, PA 17055	N/A
N48	Naval Education and Training Program Development Center Pensacola, FL 32509	N/A
N56	Bureau of Medicine and Surgery 7700 Arlington Blvd Falls Church, VA 22042	KN
N57	Chief of Naval Operations Washington, DC 20350	N/A
N64	Commander Naval Intelligence Command 4600 Silver Hill Road Washington, DC 20389	N/A
N67	Naval Air Technical Services Facility Philadelphia, PA 19111	N/A
N68	Naval Underwater Systems Center Newport, RI 02840	N/A
N77	Space and Naval Warfare Systems Command Washington, DC 20363	HC
N79	Naval Mine Engineering Facility Yorktown, VA 23491	GE
N84	Naval Ship Weapon Systems Engineering Station (Code 5200) Port Hueneme, CA 93041	N/A
NDZ	Naval Supply Center San Diego, CA 92131	N/A
NMP	Naval Inventory Control Point PO Box 2020 Mechanicsburg, PA 17055–0788	HD
NMZ	Naval Inventory Control Point PO Box 2020 Mechanicsburg, PA 17055–0788	N/A
NCB	Naval Ordnance Center PO Box 2011 Mechanicsburg, PA 17055–0788	JG
NRP	NAVICP–ERP 700 Robbins Avenue Philadelphia, PA 19111–5098	HD, HX, JF, KE

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
NFZ	Naval Publications and Forms Directorate Naval Inventory Control Point Philadelphia, PA 19111–5098	KE
NWS	National Weather Service 1325 East West Highway W/ GOSO322 Silver Spring, MD. 20910	TR
PPZ	Naval Air Station Supply Department Pensacola, FL 32508	N/A
PRZ	Naval Air Warfare Center, Aircraft Division Supply Department Patuxent River, MD 20670–5588	XA
PSZ	Pacific Missile Test Center Point Mugu, CA 93042	N/A
P64	Crane Division Naval Surface Warfare Center Code 1121, Building 41SE 300 Highway 361 Crave, IN 47522–5010	XA
P73	Naval Undersea Warfare Engineering Station Supply Department Keyport, WA 98345	N/A
P87	Naval Surface Warfare Center Coastal Systems Station 6703 W. Highway 98 Code SP40, Building 435 Panama City, FL 32407–7001	XA
Q1G	Naval ICP Philadelphia, PA 19111	KE
Q1J	Naval ICP Philadelphia, PA 19111	KE
Q6D	Communications Security Material System 3801 Nebraska Ave NW Washington, DC 20390	JD
Q81	Joint Cruise Missile Project Office Washington, DC 20360	JC
RAZ	Naval Plant Representative (SPL–60) Lockheed Missiles and Space Co. PO Box 504 Sunnyvale, CA 94088	N/A
RCZ	Naval Plant Representative (SPG) General Electric Ordnance Systems Pittsfield, MA 01201	N/A
RKZ	Naval Plant Technical Representative (SPI) Interstate Electronics Corp. Anaheim, CA 92803	N/A
RTF	SPAWAR SYSCEN, Charleston PO Box 190022 North Charleston, SC 29419–9002	XA
R29	SSPO Technical Representative (SSPOTR) Sperry Rand Corp. Sperry Systems Management Division Great Neck, NY 11020	N/A
R31	Naval Plant Representative (SPL(W)) PO Box 504 Sunnyvale, CA 94088	N/A
R32	Naval Ship Engineering Center Naval Station Norfolk, VA 23511	N/A
R33	Naval Plant Technical Representative (SPA) Autonetics Division of Rockwell International, Inc. Anaheim, CA 92803	N/A

Table 3–36
Source of supply codes/routing identifier codes—Continued

Code	Service/Activity	Activity Code
R41	Naval Facilities Expenditionary Logistics Center Code N42 Bldg 1000 23rd Ave Port Hueneme, CA 93043	JN
R48	Naval Supply Systems Command Arlington, VA 22241–5360	HP
R58	Navy Recruiting Command Arlington, VA 22203	N/A
SMS	Defense Logistics Agency Enterprise Business Systems	GX
S9C	Defense Supply Center Columbus Columbus, OH 43215	AX
S9E	Defense Supply Center Columbus 3990 East Broad St Columbus, OH 43218	TX
S9F	DLA Energy, Andrew T. McNamara Building 8725 John J. Kingman Road Fort Belvoir, VA 22060–6222	KY
S9G	Defense Supply Center Richmond Richmond, VA 23297	CX
S9I	Defense Industrial Supply Center 700 Robbins St Philadelphia, PA 19111	KZ
S9M	Defense Supply Center Philadelphia Director of Medical Material Philadelphia, PA 19145	KX
S9P	Defense Supply Center Philadelphia Perishable Subsistence 700 Robbins St Philadelphia, PA 19101	CZ
S9R	Defense Supply Center Richmond Richmond, VA 23297	CR
S9S	Defense Supply Center Philadelphia Nonperishable Subsistence 700 Robbins St Philadelphia, PA 19101	CZ
S9T	Defense Supply Center Philadelphia 700 Robbins St Philadelphia, PA 19101	CY
ZIC	U.S. Coast Guard Supply Center Curtis Bay Baltimore, MD 21226–1792	XF
ZNC	Commanding Officer USCG Surface Force Logistics Center Code 028, Mil Stop 25 2401 Hawkins Point Road Baltimore, MD 21226–5000	XG
ZQC	Commanding Officer Department of Homeland Security USCG Aviation Logistics Center 1664 Weeksville Road Elizabeth City, NC 27909	XH

Table 3–37
Special control item codes

Code	Explanation
1	Regulated item. Any item for which distribution is closely supervised by the manager or the Army. This close supervision is done because the item is in short supply, high in cost, or is highly technical or hazardous.
2	Principal item. End items and replacement assemblies so important they require centralized individual management throughout the supply system to include depot level, base level, and using unit level. These specifically apply to items, in the judgment of the Army, and that need central inventory control including the following: a. Centralized computing of requirements. b. Central procurement. c. Central direction of distribution. d. Central knowledge and control of all assets owned by the Army.
3	Sensitive item. Items that may be stolen and used in civil disturbances that require extensive protection and control during the materiel life cycle.
4	Regulated and principal item. Combination of 1 and 2 above.
5	Sensitive and regulated item. Combination of 1 and 3 above.
6	Principal and sensitive item. Combination of 2 and 3 above.
7	Explosive or hazardous item.
8	Radioactive item.
9	Regulated and controlled item. Due to safety or other considerations, local purchase is not authorized without SOS approval.
A	Regulated and contains a radioactive item. Combination of 1 and 8 above.
B	Regulated-principal and contains a radioactive item. Combination of 4 and 8 above.
C	Principal and explosive or hazardous item. Combination of 2 and 7 above.
D	Regulated, principal and explosive or hazardous item. Combination of 4 and 7 above.
E	Sensitive and explosive or hazardous item. Combination of 3 and 7 above.
F	Sensitive and radioactive item. Combination of 3 and 8 above.
G	Sensitive and explosive or hazardous radioactive item. Combination of 3, 7, and 8 above.
H	Sensitive-regulated radioactive item. Combination of 1, 3, and 8 above.
J	Radioactive item. Regulated and controlled. Due to safety and other consideration, local purchase is not authorized. Combination of 8 and 9 above.
K	Sensitive-regulated-principal radioactive item. Combination of 3, 4, and 8 above.
M	Sensitive, principal, and explosive or hazardous item. Combination of 2, 3, and 7 above.
P	Sensitive, regulated, principal, and explosive or hazardous item. Combination of 3, 4, and 7 above.
R	Sensitive, regulated and explosive or hazardous item. Combination of 1, 3, and 7 above.
S	Sensitive-principal-radioactive item. Combination of 2, 3, and 8 above.
T	Principal and radioactive item. Combination of 2 and 8 above.
U	Sensitive, principal and explosive or hazardous radioactive item. Combination of 6, 7, and 8 above.
V	Regulated and explosive or hazardous item. Combination of 1 and 7 above.
W	Regulated, principal and explosive or hazardous radioactive item. Combination of 4, 7, and 8 above.
X	Sensitive, regulated and explosive or hazardous radioactive item. Combination of 5, 7, and 8 above.
Z	Sensitive-regulated and principal item. Combination of 3 and 4 above.
0	None of the above.

Notes:
Sensitive qualified items must be coded with a CIIC of 1–6, 8, N, P, Q, or R, and ICC 0, 2, or 8.

Table 3–38
Special handling codes

	Mixed handling requirements (Column a plus b, c, or d)			
Type of Special Handling Cargo	Single handling (a)	Heavy lift (HL) Condition (b) (See note 1)	Outsized Dimensions (OD) (c) (See note 2)	HL & OD (d)
Not to be assigned	1	-	-	-
Classified	2	B	K	S
Reserved	3	C	L	T
Protected (sensitive)	4	D	M	U
Protected (pilferable)	5	E	N	V
Protected (controlled)	6	F	O	W
Unassigned	7	G	P	X
Unassigned	8	H	Q	Y
No special handling required (except as indicated by I, R, or Z.)	9	I	R	Z

Notes:
1 Heavy lift. Use for any piece, package, or palletized, unitized, or containerized unit (excluding (Government-owned or Government-leased shipping container or MILVAN) weighing 5 short tons (10,000 pounds) or more.
2 Outsized dimensions. Dimensions of any place, package, or palletized, unitized, or containerized unit (excluding commercial or Government-owned (or Government-leased) shipping container seavan, MILVAN, CONEX), and privately-owned vehicles that exceed 6 feet in any dimension.

Table 3–39
Special requirements codes

Code	Explanation
4	Assigned to items managed by NICP as an IMM to support other military services and for which Army is not a user.
5	5 identifies Defense Industrial Plant equipment items.
6	Identifies nuclear special, non Defense Nuclear Agency (DNA) cataloged items. The Armament and Chemical Acquisition and Logistics Activity are the only authorized user of this code.
8	8 identifies an item managed by Army as a DOD single manager. This conventional ammunition item is not used by Army activities.
9	Identifies items that are cataloged through the DNA.
A	SOS modifier code JDC identifies DLA commercial item.
B	SOS modifier code JSB identifies schedule of blind-made items.
D	SOS modifier code JDS identifies DLA supply schedule item. Reference table 3–2.
E	This code identifies an item as Army intensive managed item-expanded (AIMI–X). AIMI–X items are critical high dollar value and will be tracked by serial number.
F	Items identified in OMA funding documents for force modernization. Items that have a special designation are assigned Transportation account code A258 as they flow through the supply and transportation systems.
P	SOS modifier code JSP identifies Federal prison industries item.
M	Item contains potentially recoverable precious metal and requires a special disposal process per DOD 4160.21–M.
H	Category 1A ineffective drugs. Consult SB 8–75-series.
J	Category 1B ineffective drugs. Consult SB 8–75-series.
L	Category 2 possibly effective drugs. Consult SB 8–75-series.
N	Category 3 probably effective drugs. Consult SB 8–75-series.

Table 3–39
Special requirements codes—Continued

Code	Explanation
T	Reinstated drugs. Item was previously assigned as category 1A or 1B, ineffective, category 2, possibly effective, or category 3, probably effective, but has been reevaluated by the Food and Drug Administration and determined to be an effective drug. Consult SB 8–75-series.

Table 3–40
Subsistence usage management codes

Code	Explanation
A	Domestic use.
B	Overseas and afloat use.
C	Controlled item. Requisitions require approval by appropriate military service headquarters.
D	For use in Standard B ration.
E	Test item.
G	Box lunches, flight feeding, carry-out, modular food service unit or small and isolated units.
H	Submarines and ships 99 or less only.
J	Central processing facilities or milk plants only.
K	Army only.
L	For use when carbonated beverage dispensers are not available.
M	Afloat use only.
O	No restriction for Army and Air Force. Marine Corps requisitions require approval by headquarters. Not authorized for Navy.
P	Submarines only.
R	Short shelf life. Limited to domestic and selected overseas locations only.
S	No restrictions for Army, Air Force, Marine Corps, and Navy ashore facilities.
T	Special management attention to exhaust stocks at all levels.
X	Ration component procured solely by Defense Supply Center Philadelphia to assemble into composite food packages.
Dash	No restriction.

an. Supply category of materiel code. The SCMC is a 2-position alphanumeric code identifying the supply class and subclass on an item-by-item basis. This code is in the IDS of the AMDF. Table 3–41 is a list of valid class of supply and subclassification combinations that are used in the AMDF.

ao. Type of cargo code. The TC code is a 1-position alpha or numeric code that identifies the type of cargo included in the shipment unit. This code is in the freight segment of the AMDF and is described in table 3–42.

ap. Unit-of-issue code. The UI code is a 2-position alphabetic code that expresses a definite amount or quantity of an item that will be issued. This amount or quantity is the managing activity's set accounting unit on which unit price is based, accountable records are maintained, and requirements computed. Nondefinitive UI (except for medical items) in the IDS of the AMDF must be supported by a unit-measurement-quantity-record. A table of UI designations, terms, and definitions to be assigned to items of supply are explained in table 3–43. This code is in the IDS of the AMDF.

aq. Unit-of-issue conversion table. The UI conversion table identifies the factor the old quantity must be multiplied by to convert it to the new UI. It also identifies the numerical multiplier used along with the reflected decimal locator (see table 3–44). This code is used in UI change records broadcast as part of the monthly SSD.

ar. Unit-of-measure code. The UM code is a 2-position alphabetic code that indicates a known physical measurement (length, volume, weight) or count of an item (for example, foot, gallon, pound, each, dozen, gross). This code is in the unit measurement quantity, history-section III, component, and equivalent item segment of the AMDF (see table 3–44.)

as. Estimated storage life code. This 1-position code indicates the estimated period of time an item will retain its serviceable qualities during proper storage (see table 3–45). This code is in the medical user data segment of the AMDF.

at. Storage/shipment requirement code. The storage/shipment requirement code is a 3-position alphanumeric code that indicates the physical and environmental conditions required for proper storage of materiel. The first position

indicates special storage requirements. The second position indicates temperature requirements. The third position indicates hazardous material handling requirements (see table 3–46). This code is in the medical user data segment.

au. Hazardous waste code. The hazardous waste code is a 1-position alphabetic code assigned to an item that contains hazardous waste materiel (see table 3–47). This code is in the medical user data segment of the AMDF.

av. Storage type code. The storage type code is a 2-position alphanumeric code used to indicate the type of storage required. The first position is the type of facility code. The second position is the facility characteristics code (see table 3–48). This code is in the medical user data segment of the AMDF.

aw. Department of Defense special requirements code. This is a 1-position alphanumeric code that reflects special characteristics of an item to be used during receipt, storage and shipment. The codes indicate special labeling requirements, hazardous or dangerous characteristics or sensitive features of an item (see table 3–49). This code is in the medical user data segment of the AMDF.

Table 3–41
Supply category of materiel codes

Code	Classes of Supply Position 67	Subclassifications of Supply Position 68
1	Class I	A, C, R, S, or W
2	Class II	A, B, D, E, F, G, H, K, L, M, N, O, P, Q, T, U, W, Y or Z
3	Class III	1, 2, 3, 4, 5, 6, or 7
4	Class IV	X
5	Class V	A, L, N, W, or Z
6	Class VI	X
7	Class VII	A, B, D, G, H, K, L, M, N, O (alpha), P, Q, U, W, Y or Z
8	Class VIII	0-9
9	Class IX	A, B, D, F, G, H, K, L, M, N, O (alpha), P, Q, T, U, W, Y or Z
0 (numeric)	Class X	X

Legend:
Classes of supply
Class I—Subsistence including gratuitous health and welfare items.
Class II—Clothing, individual equipment, tentage, tool sets and tool kits, hand tools, administrative and housekeeping supplies and equipment. Includes item of equipment, other than principal items, prescribed in authorization and allowance tables, and items of supply (not including repair parts).
Class III—POL. Petroleum fuels: lubricants, hydraulic and insulating oils, preservatives, liquid and compressed gases, chemical products, coolants, deicers and antifreeze compounds, together with components and additives of such products and coal.
Class IV—Construction. Construction materials to include installed equipment and all fortification and barrier materials.
Class V—Ammunition. Ammunition of all types (including chemical, radiological and special weapons) bombs, explosives, land mines, fuses, detonators, pyrotechnics, missiles, rockets, propellants, and other associated items.
Class VI—Personal demand items (nonmilitary sales items).
Class VII—Major end items. A final combination of end products that is ready for its intended use (principal items); for example, launchers, tanks, mobile machine shops, and vehicles.
Class VIII—Medical material including medical peculiar repair parts.
Class IX—Repair parts and components to include kits, assemblies, and subassemblies, reparable and nonreparable required for maintenance support of all equipment.
Class X—Materiel to support nonmilitary programs, such as agriculture and economic development, not included in classes I through IX.

Subclassifications of supply
A—Air (aviation, aircraft, airdrop equipment):
Class I—Food packet, in-flight, individual.
Class II—Items of supply and equipment in support of aviation/aircraft.
Class III—Petroleum and chemical products used in support of aircraft.
Class V—Munitions delivered by aircraft or aircraft weapons systems.
Class VII—Major end items of aviation equipment.
Class IX—Aircraft repair parts.
B—Troop support materiel consists of such items as water purification sets, shower, bath, laundry, dry cleaning and bakery equipment; sets, kits, and outfits (includes tool and equipment sets and shop/equipment sets for performing organization, direct support, general support, and depot level maintenance operations); test, measurement, and diagnostic equipment that does not require acquisition approval, but may require registration; sensors and interior intrusion devices; topographic equipment and related topographic products as outlined in AR 115-11.
C—Operational rations include accessory packet of health and comfort items in meal, combat, meal combat individual or a ration supplement sundries pack issued along with B-ration until Army exchange (PX) facilities are established.
D—Commercial vehicles includes wheeled vehicles authorized for use in administrative or tactical operations.

Table 3–41
Supply category of materiel codes—Continued

Code	Classes of Supply Position 67	Subclassifications of Supply Position 68

E—General supply items includes administrative expendable supplies (for example, typewriter ribbons, paper, cleaning materials, and other supplies normally referred to as office supplies). Also includes publications distributed through adjutant general channels.

F—Clothing and textiles includes individual and organization items of clothing and equipment authorized in allowance tables and tentage/tarpaulins authorized in TOE or other media.

G—Communications—Electronics (CE) includes signal items, such as radio, telephone, teletype, satellite, avionics, marine communications and navigational equipment; tactical and nontactical ADP; radar, photographic audio visual and television equipment; infrared; laser/maser; electronic sensors, for example.

H—Test, measurement, and diagnostic equipment requiring acquisition and approval registration, includes items of equipment used to determine the operating efficiency or diagnose incipient problems in systems, components, assemblies and subassemblies of Army-used materiel.

K—Tactical vehicles includes trucks, truck tractors, trailers, semi-trailers, personnel carriers, for example.

L—Missiles

Class II, VII and IX includes guided missile and rocket systems (for example, NIKE-HERCULES, HAWK, LANCE, TOW, and DRAGON).

Class V includes guided missile ammunition items.

M—Weapons includes small arms, artillery, fire control systems, rocket launchers, machine guns, air defense weapons, aircraft weapon subsystems, for example.

N—Special weapons.

Class II includes special tools and handling equipment that has been established to support items which are not major end items nor are type classified and have been assigned the SCM of 7N.

Class V includes nuclear and thermonuclear munitions.

Class VII includes weapons systems that deliver nuclear munitions.

Class IX includes repair parts for class VII—N.

O—Combat vehicles includes main battle tanks, recovery vehicles, self-propelled artillery, armored cars, tracked and half-tracked vehicles, for example.

P—Signal intelligence (SIGINT) and/electronic warfare (EW) includes materiel peculiar to those mission areas assigned to FSC 5811 for which CG, USAMC has responsibility. This subclass is identified separately from subclass G because of specialized supply and maintenance functions performed by a dedicated SIGINT/EW logistical system.

Q—Marine equipment includes marine items of supply and equipment (for example, amphibious vehicles, landing craft, barges, tugs, floating cranes, and dredges).

R—Refrigerated subsistence consists of two of the following categories of refrigeration:

—(1) That which is required to be maintained at 0 degrees F (-17.8C) to keep frozen meals and foods for extended periods.

—(2) That which is to be maintained at approximately 40 degrees F (4.4C) to keep perishables (for example, fruits, vegetables, and eggs) contained in A-rations for shorter periods.

S—Nonrefrigerated subsistence includes items in standard B-rations and nonperishable items in A-rations.

T—Industrial supplies includes common supplies and repair parts, such as shop stocks, hardware, and fabrication-type items generally having multiple usage and/or application. Such items are generally managed by DISC.

U—COMSEC material is identified separately from subclassification G because of specialized supply and maintenance functions performed with a dedicated COMSEC logistic system.

W—Ground.

Class I—Water—when delivered as a supply item.

Class III includes petroleum or chemical products and solid fuels used in support of ground and marine equipment.

Class V—Conventional munitions consist of chemical, smoke, illuminating, incendiary, riot control, and improved conventional munitions.

Class II, VII, and IX consists of construction or road building and materials handling equipment, for example.

X—In class–indicates no subclassification assigned.

Y—Railway equipment includes rail items of supply and equipment (for example, locomotives, rail cars, rails, rail joining, and shifting equipment).

Z—Chemicals. Classes II, VII, and IX include chemical items (for example, gas masks, decontaminators, and smoke generators). Class V consists of chemical toxic munitions.

Class III Subclassifications

1—Air, bulk fuels include jet fuels and aviation gasolines, normally transported by pipeline, rail tank car, tank truck, barge, coastal or ocean-going tankers and stored in a tank or container having a fill capacity greater than 500 gallons.

2—Air, packaged bulk fuels include fuels in subclassification 1 that because of operational necessity are generally packaged and supplied in containers of 4 to 55 gallons capacity, except fuels in military collapsible containers of 500 gallons or less, which also will be considered as packaged fuels.

3—Air, packaged petroleum products include aircraft unique petroleum and chemical products consisting generally of lubricating oils, greases, and specialty items, normally packaged by the manufacturer, and procured, stored, transported, and issued in containers or packages of 55 gallons capacity or less.

4—Ground, bulk fuels include MOGAS, kerosene, and heating oils, normally transported pipeline, rail tank car, tank truck, barge, coastal or ocean-going tankers and stored in a tank or container having a fill capacity greater than 500 gallons.

5—Ground, packaged bulk fuels include ground bulk fuels that because of operational necessity are generally packaged and supplied in containers of 5 to 55 gallons or less, which also will be considered as packaged fuels.

6—Ground, packaged petroleum includes petroleum and chemical products, generally lubricating oils, greases, and specialty items, normally packaged by the manufacturer and procured, stored, transported, and issued in containers of 55 gallons capacity or less.

7—Ground—solid fuels include coal, coke, heating tablets or bars, for example.

Class VIII subclassifications

1—Controlled substances.

2—Tax-free alcohol.

Table 3–41
Supply category of materiel codes—Continued

Code	Classes of Supply Position 67	Subclassifications of Supply Position 68
		3—Precious metal. 4—Nonexpendable medical items, not restricted. 5—Expendable medical items, not restricted. 6—All drugs and related items FSC 6505, not otherwise restricted. 7 through 9—Commander-designated controlled items. 0—Restricted issue: Not authorized for issue to any Army activity.

Table 3–42
Type of cargo codes

Code	Explanation
A	Radioactive substances, UN Class 7 (radioactive label).
B	Mixed hazardous materials-consolidated only as authorized by U.S. Coast Guard regulations.
C	Etiologic agent, UN Class 6 (etiologic label).
D	Contaminated cargo (excluding hazardous material).
E	Empty hazardous material containers or packages (empty label).
F	Explosives, Class C, UN Class 1 (explosive C label).
G	Nonflammable compressed gas, UN Class 2 non-flammable gas label; except the following: (1) oxygen requires an oxidizer label. (2) fluorine requires poison and oxidizer labels.
H	Subject to damage from heat.
I	Explosives, cCass A, UN Class 1 (explosive A label).
J	Explosives, Class B, UN Class 1 (explosive B label).
K	Spontaneously combustible substances, UN Class 4. (Spontaneously combustible labels and flammable solid labels).
L	Water reactive substances, UN Class 4 (flammable solid labels. and dangerous-when-wet labels).
M	Magnetic material.
N	Dangerous materiel in limited quantities (no label required).
O	Flammable compressed gas, UN Class 2 (flammable gas label).
P	Poison, Class B, UN Class 6 (poison label).
Q	Subject to damage from freezing.
R	Flammable liquids, UN Class 3 (flammable liquids label).
S	Poisons, Class A, UN Class 2 (poison gas label) or UN Class 6 (poison label).
T	Poison, Class C, UN Class 6 (irritant label).
U	Combustible liquids (no label).
V	Miscellaneous hazardous materials, UN Class 9 (no label).
W	Corrosive materials, UN Class 8 (corrosive label).
X	Flammable solids, UN Class 4 (flammable solid label).
Y	Oxidizing materials, UN Class 5 (oxidizer or organic peroxide label).
Z	No special type of cargo code applies.
1	Aircraft engine internal combustion engines and fuel control devices.
2	Type cargo code not applicable (for Air Force internal use).
3	Electronic sensitive device subject to damage caused by static electricity, or electrostatic discharge.
4	Radioactive Material (no label required)

Table 3–43
Unit of issue codes

Designation Code	Term	Definition
AM	Ampoule 1	A small glass or plastic tube sealed fusion after filling.
AT	Assortment	A collection of different items that fall into a group or class packaged as a small unit forming a single item of supply. Use only when the term assortment is part of the item name.
AY	Assembly	A collection of parts put together to form a complete unit, making a single item of supply, such as a hose assembly. Use only when the term assembly is part of the item name.
BA	Ball 1	A sphere-shaped mass of material, (for example, twine or thread).
BD	Bundle 1	A quantity of the same item tied together without compression.
BE	Bale 1	A shaped unit of compressible materials bound with cord or metal ties and usually wrapped (for example, paper and cloth rags).
BF	Board foot	A UM for lumber equal to the volume of a board 12-inches by-12 inches-by 1-inch.
BG	Bag 1	A flexible container of various sizes and shapes made from materials (for example, paper, plastic, or textiles). Includes sack and pouch.
BK	Book 1	A book like package, such as labels or tickets fastened together along one edge, usually between protective covers.
BL	Barrel 1	A cylinder-shaped container, metal or wood, with sides that bulge outward and flat ends or heads of equal diameter. Includes keg.
BO	Bolt	A flat fold of fabric having a stiff paper board core.
BR	Bar 1	A solid piece or block of various materials, with its length greater than its other dimensions, (for example, soap, beeswax, or buffing compound).
BT	Bottle 1	A glass, plastic, or earthenware container or various sizes, shapes, and finishes (for example, jugs, but excluding jars, ampoules, vials and carboys) with a closure to retain contents.
BX	Box 1	A rigid, 3-dimensional container of various sizes and materials (for example, case, carton, tray, and crate).
CA	Cartridge	Usually a tubular receptacle containing loose or pliable material designed to allow insertion into an apparatus for dispensing the material. Usually connected with adhesives and sealing compounds.
CB	Carboy 1	A heavy-duty, bottle-type container used to transport and store liquids. Usually designed to be encased in a rigid protective outer container for shipment.
CD	Cubic yard	A unit of cubic measure.
CE	Cone 1	A cone-shaped mass of material (for example, twine or thread) wound on a conical core.
CF	Cubic foot	A unit of cubic measure.
CK	Cake 1	A block or compacted or congealed matter. Applicable to items (for example, soap and buffing compound).
CL	Coil 1	As arrangement of material (such as wire, rope, and tubing wound in a circular shape).
CM	Centimeter	A unit of linear measure, equal to 1/100 of a meter.
CN	Can 1	A rigid receptacle made of fiber, metal, plastic or all three. Cans may be cylindrical or any number of irregular shapes. Restricted to items that cannot be issued in less than container quantity (including pail and canister). Do not use when the packaged quantity equals a UM, (for example, pint, quart, gallon, ounce, or pound).
CO	Container 1	A general term used only when an item can be packaged for issue in optional containers, (for example, a bottle or tube for a single NSN).
CY	Cylinder 1	A rigid, cylinder-shaped, portable, metal container designed to store and transport compressed gasses, generally fitted with protected valve closure and pressure-relief safety device.
CZ	Cubic Meter	A unit of cubic measure expressed in the metric system. Applied only to locally assigned stock numbers used to locally procure items (for example, ready-mix concrete and asphalt in areas where the metric system prevails).
DR	Drum 1	A cylinder-shaped container designed as an exterior pack to store and ship bulk materials (for example, fuels, chemicals, and powders). Drums may be made of metal, rubber, polyethylene, or plywood or fiber with wooden, metal, or fiber ends.
DZ	Dozen	12 of an item of supply.

Table 3–43
Unit of issue codes—Continued

Designation Code	Term	Definition
EA	Each	A numeric quantity of one item of supply. Do not use if a more specific term applies (for example, kit, set, assortment, assembly, group, sheet, plate, strip, or length).
FT	Foot	Unit of linear measurement sometimes expressed as a linear foot.
FV	Five	5 of an item.
FY	Fifty	50 of an item.
GL	Gallon	Unit of liquid measurement.
GP	Group	A collection of related items issued as a single item of supply (for example, test set group). Use only when the term group is part of the item name.
GR	Gross	144 of an item.
HD	Hundred	100 of an item.
HK	Hank	A loop of yarn or roping with definite yardage, such as cotton, 840 yards; worsted, 560 yards (see skein for comparison).
IN	Inch	Unit of linear measurement, equivalent to 1/12th of a foot and sometimes expressed as a linear inch.
JR	Jar 1	A rigid container having a wide mouth and often no neck, normally made of earthenware or glass. Excludes bottle.
KG	Kilogram	A UM, equal to 1000 grams.
KT	Kit	A group of related items issued as a single item of supply, (such as tools, instruments, repair parts, instruction sheets), often furnished inside a box or bag. Also includes selected groups of equipment parts, tools or materials for the repair, overhaul or modification of equipment. Only use when the term kit is part of the item name.
LB	Pound	A unit of avoirdupois weight measure equal to 16 ounces.
LG	Length 1	Term applies to items issued in fixed or specific linear measurement, without deviation. This term no longer applies to random lengths, which will be expressed in definite units of linear measure (for example, foot or yard). Excludes strip.
LI	Liter	A unit of liquid measure expressed in the metric system.
MC	Thousand cubic feet	A unit of cubic measure expressed in one thousand increments.
ME	Meal	The amount of food taken by a person at one time.
MM	Millimeter	A unit of linear measure, equal to 1/1000 of a meter.
MR	Meter	A unit of linear measure expressed in the metric system equal to 39.37 inches. Limited in application to locally assigned stock number used to locally procure items (such as pipe, lumber, tubing, and hose) in areas where the metric system prevails.
MX	Thousand	1,000 of an item.
OT	Outfit	A group of related items issued as a single item of supply. For example, the tools, instruments, materials, equipment and instruction manuals used to practice a trade or profession or to carry out a certain project or function. Use when the term outfit is a part of the item name.
OZ	Ounce	A unit or liquid or avoirdupois weight.
PD	Pad 1	Multiple sheets of paper that are stacked together and sealed at one end.
PG	Package 1	A form of protective wrapping for two or more of the same item of supply. Use when a UM or container-type term does not apply.
PM	Plate	A flat piece of square or rectangular-shaped metal of uniform thickness, usually 1 inch or more (only when FSCs 9515 and 0535 is used in an item name to denote shape).
PR	Pair	Two similar or identical items (for example, gloves, shoes, and bearings), or items integrally made of two identical parts (for example, trousers, shears, and goggles).
PT	Pint	A unit of liquid or dry measure.
PZ	Packet 1	A container used for subsistence items. Use only when food packet is part of the item name (FSG 89).
QT	Quart	A unit of liquid or dry measure.
RA	Ration	The food allowance of one person for one day. Use only when ration (FSC 8970) is part of the item name.

Table 3–43
Unit of issue codes—Continued

Designation Code	Term	Definition
RL	Reel 1	A cylinder-shaped core on which a flexible material (such as, wire or cable) is wound. Usually has flanged ends.
RM	Ream	A quantity of paper varying from 480 to 516 sheets, depending on grade.
RO	Roll	A cylinder-shaped figure of flexible material, which has been rolled on itself (for example, textiles, tape, abrasive paper, photosensitive paper, and film). The core may or may not have flanges.
SD	Skid 1	A pallet-like platform consisting of a load-bearing area fastened to and resting on runner-type supports.
SE	Set	A group of matched or related items issued as a single item of supply (for example, tool sets, instrument sets and matched sets). Use only when the term set is a part of the item name.
SF	Square foot	A unit of square measure (area).
SH	Sheet	A flat piece of rectangular-shaped material of uniform thickness that is very thin in relation to its length and width (for example, metal, plastic, paper, and plywood). This term is not limited to any group of items or FSCs. However, it will always be used when the sheet is part of the item name to denote shape (for example, aluminum alloy sheet). Excludes items in FSC 7210.
SK	Skein	A loop of yarn, 120 yards long, usually wound on a 54-inch circular core.
SL	Spool 1	A cylinder-shaped form with an edge or rim at each end and an axial hole for a pin or spindle on which, to wind material (for example, thread or wire).
SO	Shot	A unit of linear measurement usually applied to an anchor chain, equal to 15 fathoms (90 ft).
SP	Strip	A rather narrow, flat length of material, uniform in width (for example, paper, wood, and metal). Use only when the term strip is part of the item name.
SV	Service	The purchase of employment, or scope of work to be done.
SX	Stick 1	Material in a rather long and slender, often cylinder form to ease application or use (for example, abrasives).
SY	Square yard	A unit of square measure equal to 9 square feet.
TD	Twenty-four	24 of an item.
TE	Ten	10 of an item.
TF	Twenty-five	25 of an item.
TN	Ton	Equals 2000 pounds. Includes short ton and net ton.
TO	Troy ounce	A unit of troy weight measure, based on a 12-ounce pound, generally applied to weights of precious metals.
TS	Thirty-six	36 of an item.
TU	Tube 1	Normally a squeeze-type container most commonly made from flexible material and used in packaging toothpaste, shaving cream, and pharmaceutical products. It is also a form around which items are wound, (for example, thread). It does not apply to the mailing tube, pneumatic tube, or cylinder-shaped containers of a similar type.
VI	Vial 1	A small glass container, generally less than an inch in diameter. Vials are flat-bottomed, and tube shaped and have a variety of neck finishes.
YD	Yard	A unit of linear measure equal to 3 feet and sometimes expressed as linear yard.

Note:
These terms require a quantitative expression, as they are nondefinitive UIs.

Table 3–44
Unit of measurement codes

Designation	Term
AR	Suppository
AV	Capsule
B7	Cycle
BF	Board foot
BQ	Briquette
CC	Cubic centimeter
CD	Cubic yard
CF	Cubic foot
CG	Centigram
CI	Cubic inch
CM	Centimeter
CU	Curie
CZ	Cubic Meter
DC	Decagram
DE	Decimeter
DG	Decigram
DL	Deciliter
DM	Dram
DW	Pennyweight
DZ	Dozen
EA	Each
EX	Exposure
FD	Fold
FG	Transdermal system
FO	Fluid ounce
FR	Frame
FT	Foot
GG	Great gross
GI	Gill
GL	Gallon
GM	Gram
GN	Grain
GR	Gross
HD	Hundred
HF	Hundred feet
HP	Hundred pounds
HS	Hundred square feet
HW	Hundred weight
HY	Hundred yards
IN	Inch
KG	Kilogram

Table 3–44
Unit of measurement codes—Continued

Designation	Term
KM	Kilometer
KR	Carat
KT	Kit
LB	Pound
LF	Linear foot
LI	Liter
MC	Thousand cubic feet
MF	Thousand feet
MG	Milligram
MI	Mile
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Thousand
OZ	Ounce
PI	Pillow
PR	Pair
PT	Pint
PX	Pellet
QT	Quart
RA	Ration
RD	Round
RM	Ream
RX	Thousand rounds
SE	Set
SF	Square foot
SH	Sheet
SI	Square inch
SK	Skein
SM	Square meter
SO	Shot
SQ	Square
SY	Square yard
SZ	Syringe
TN	Ton (2,000 lb)
TO	Troy ounce
TT	Tablet
US	U.S.P. unit
YD	Yard

Table 3–45
Estimated storage life codes

Code	Explanation
A	1 month
B	2 months
C	3 months
D	4 months
E	5 months
F	6 months
G	9 months
H	12 months
J	15 months
K	18 months
L	21 months
M	24 months
N	27 months
P	30 months
Q	36 months
R	48 months
S	60 months
T	72 months
U	84 months
W	96 months
Y	120 months
Z	240 months

Table 3–46
Storage/shipment requirement codes

Code	Explanation
	Position Number 1
C	Certain components of this assemblage require vault and security cage storage.
K	Item requires, at the minimum, security cage storage. When issued, the recipient must be listed on authorization card and must sign the issue document.
R	Item requires vault storage. When issued, the recipient must be listed on authorization card and must sign the issue document.
	Position Number 2
F	Freezer item-storage and shipment at subfreezing temperature (below 32 degrees F).
R	Refrigerator item-storage at 35 to 46 degrees F and shipment under constant refrigeration.
W	Item is subject to damage by freezing.
X	Item is subject to damage by heat.
Y	Optimum storage temperature is 50 to 70 degrees F.
Z	Optimum storage temperature is 59 to 86 degrees F.
	Position Number 2 (See note)
A	1 day.
B	2 days.

Table 3–46
Storage/shipment requirement codes—Continued

Code	Explanation
C	3 days.
D	4 days.
E	5 days.
G	6 days.
H	7 days.
I	8 days.
J	9 days.
K	10 days.
L	11 days.
M	12 days.
N	13 days.
P	14 days.
Q	15 days.
S	18 days.
T	20 days.
V	30 days or over.
	Position Number 3
A	Item is radioactive; may require storage behind protective barrier and shipment in properly marked, lead shielded container.
E	ICC exempt labeling.
G	Item requires a green ICC label (nonflammable gas) for shipment.
P	Item cannot be shipped by parcel post.
R	Item requires a red ICC label (flammable gas or liquid) for shipment.
W	Item requires a white ICC label (poison) for shipment.
Y	Item requires a yellow ICC label (oxidizer) for shipment.

Notes:
These are refrigerator items with a storage temperature of 3 to 36 degrees F (2 to 3 degrees C) and with a shipment limited to the maximum number of days out of refrigeration listed beside each code.

Table 3–47
Hazardous waste codes

Code	Description
C	Corrosive waste.
E	Extraction procedure toxic waste.
H	Acute hazard waste.
I	Ignitable waste.
R	Reactive waste.
T	Toxic waste.

Table 3–48
Storage type codes

Code	Explanation
	Position Number 1
A	Warehouse, heated, ground level.
B	Warehouse, heated, dock level.
C	Warehouse, unheated, ground level.
D	Warehouse, unheated, dock level.
E	Shed.
F	Magazine, igloo.
G	Magazine, above ground
H	Open, improved.
I	Open, unimproved.
J	Other.
	Position Number 2
1	General purpose.
2	Controlled humidity.
3	Flammable.
4	Security.
5	Chill.
6	Freeze.
7	Heavy duty.
8	Acid.
9	Compressed gas.

Table 3–49
Department of Defense special requirements codes

Code	Explanation
A	Radioactive.
B	No-go parcel post.
C	Glycerin.
D	Electro-mechanical.
E	Sensitive electronics.
F	Corrosive capability (nonmailable).
G	Green label (nonflammable gas).
H	Subject to damage from heat over 40 degrees C (104 degrees F).
I	White label (corrosive liquid).
J	Characteristics require freight movement.
K	55-gallon drums.
L	Compressed gas cylinders.
M	Precious metals.
N	Unrefrigerated shipping time 4 days.
O	Unrefrigerated shipping time 7 days.
P	Poison; class B (poison label).

Table 3–49
Department of Defense special requirements codes—Continued

Code	Explanation
Q	Subject to damage from freezing.
R	Red label (flammable liquid).
S	Security cage.
T	Glass.
U	Magnetic.
V	Inspect before shipment.
W	Consumable alcoholic items.
X	Alcohol.
Y	Yellow label-oxidizing material-flammable solid.
Z	No code applicable.
0	Narcotics.
1	DOT label not required.
2	Fragile label.
3	Refrigeration, 2 to 8 degrees (36 to 46 degrees F). May be out of refrigeration for specified periods of time during shipment.
4	Refrigerated/flammable.
5	Constant refrigerated 2 to 8 degrees C (36 to 46 degrees F) water ice required during shipment.
6	Freeze-below 0 degrees C (32 degrees F).
7	Unrefrigerated shipping time 18 days.
8	Temperature controlled at 50 to 70 degrees F.
9	Temperature controlled (50 to 86 degrees F) storage only.

Appendix A
References

Section I
Required Publications

Unless otherwise indicated, Army Regulations are available on the Army Publishing Directorate (APD) Web site (http://www.apd.army.mil.).

AR 40–61
Medical Logistics Policies (Cited in para 2–43f.)

AR 700–82/OPNAVINST 4410.2A/MCO 4400.120
Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes (Cited in para 3–2x.)

AR 708–1
Logistics Management Data and Cataloging Procedures for Army Supplies and Equipment (Cited in para 2–22a(2)(b).)

AR 710–1
Centralized Inventory Management of the Army Supply System (Cited in para 3–2h.)

AR 710–2
Supply Policy Below the National Level (Cited in para 3–2a.)

AR 725–50
Requisition, Receipt, and Issue System (Cited in para 3–8.)

AR 735–5
Property Accountability Policies (Cited in para 3–2a.)

Section II
Related Publications

A related publication is merely a source of additional information. The user does not have to read it to understand this publication. Department of Defense (DOD) publications are available at http://www.dtic.mil/whs/directives/.

AR 115–11
Geospatial Information and Services

AR 70–1
Army Acquisition Policy

AR 700–142
Type Classification, Materiel Release, Fielding, and Transfer

AR 740–26
Physical Inventory Control

CTA 50–900
Clothing and Individual Equipment

CTA 50–970
Expendable/Durable items (except medical, Class V, Repair parts, and Heraldic Items)

DLM 4000.25–2
Military Standard Transaction Reporting and Accountability Procedures (MILSTRAP) (Available at http://www.dla.mil/j-6/dlmso.)

DOD 4140.25–M
Department of Defense Management of Bulk Petroleum Products, Natural Gas, and Coal

DOD 4160.28–M
Defense Demilitarization: Program Administration

DODM 4160.21–M
Defense Materiel Disposition Manual

DODM 5100.76
Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)

DODM 5200.01
Department of Defense Information Security Program: Overview, Classification, and Declassification

DTR 4500.9–R, Part II
Defense Transportation Regulation (Available at http://www.transcom.mil/.)

FAR 23
Environment, Energy and Water Efficiency, Renewable Energy Technologies, Occupational Safety, and Drug-Free Workplace (Available at http://farsite.hill.af.mil/.)

FAR 52
Solicitation Provisions and Contract Clauses (Available at http://farsite.hill.af.mil/.)

FED–STD 313
Solicitation Provisions and Contract Clauses (Available at http://www.gsa.gov/.)

SB 8–75–MEDCASE
Army Medical Department Supply Information

SB 700–20
Army Adopted/Other Items Selected for Authorization/List of Reportable Items

Section III
Prescribed Forms
This section contains no entries.

Section IV
Referenced Forms
Unless otherwise stated, DA Forms are available on the Army Publishing Directorate Web site (http://www.apd.army.mil). DD forms are available from the OSD Web site (http://www.dtic.mil/whs/directives/forms/index.htm.)

DA Form 2028
Recommended Changes to Publications and Blank Forms

DD Form 1348–1A
Issue Release/Receipt Document

DD Form 1387
Military Shipment Label

DD Form 1387–2
Special Handling Data/Certification

Glossary

Section I
Abbreviations

AAC
acquisition advice code

ABA
appropriation and budget activity

ACSH
Air Commodity and Special Handling

ADC
air dimension code

ADP
automatic data processing

ADPE
automatic data processing equipment

AEC
air eligible category

AEDA
ammunition, explosives and dangerous articles

AESIP
Army Enterprise System Integration Program

AHIP
Army Helicopter Improvement Program

AIMI–X
Army Intensive Management Item-Expanded

ALOC
air lines of communication

AMDF
Army Master Data File

AOD
area oriented depot

AR
Army Regulation

ARC
accounting requirements code

ARI
automatic return item

ARIL
automatic return item list

ASL
authorized stockage list

ATC
Army type classification code

CAGEC
commercial and Government entity code

CAS
chemical abstracts service

CBR
chemical, biological, radiological

CBU
cluster bomb unit

CDU
cluster dispenser unit

CC
condition control

CCI
controlled cryptographic item

CECOM
U.S. Army Communications Electronics Command

CIIC
controlled inventory item code

CMD
catalog management data

CN
w-chloroacetophenone

COMSEC
communications security

CONEX
container express

CONUS
continental United States

CPU
central processing unit

CTA
common tables of allowances

DA
Department of the Army

DEMIL
demilitarization

DIC
document identifier code

DL
decimal locator

DLA
Defense Logistics Agency

DLIS
Defense Logistics Information System

DLSC
Defense Logistics Service Center

DM
diphenylaminochoroarsine

DNA
Defense Nuclear Agency

DOD
Department of Defense

DODAC
Department of Defense Ammunition Code

DODIC
Department of Defense identification code

DOD
Department of Defense

DODM
Department of Defense Manual

DOT
Department of Transportation

DRMO
Defense Reutilization and Marketing Office

EC
essentiality code

EIC
end item code

FAR
Federal Acquisition Regulation

FC
fund code

FED–STD
Federal Standard

FLIS
Federal Logistics Information System

FSC
Federal supply classification

FSCAP
flight safety critical aircraft part

FSG
Federal supply group

GSA
General Services Administration

HM
Hazardous Materials

HMDF
Hazardous Materiel Data File

HMDS
Hazardous Materiel Data System

HQDA
Headquarters, Department of the Army

ICC
inventory category code

ICP
inventory control point

IDHIS
item data history

IDS
item data segment

ILP
International Logistics Program

IMM
inventory materiel manager

ITS
item type storage

JATO
jet assisted takeoff

JTC
jump-to-code

LAW
light anti-tank weapons

LCC
logistics control code

LCL
less-than-carload

LIDB
Logistics Integrated Database

LIN
line item number

LOGSA
logistics support activity

LOP
level of protection

LTL
less-than-truckload

LMP
Logistics Modernization Program

MAP
military assistance program

MATCAT
materiel category

MCN
management central number

MDD
management data distribution

MILVAN
military demountable container

MLI
munitions list item

MOM
military official mail

MQ
measurement quantity

MR
maintenance repair

MRP
military returns program

MSC
major subordinate command

NATO
North Atlantic Treaty Organization

NICP
national inventory control point

NIIN
national item identification number

NIMSC
nonconsumable item materiel support code

NMFC
national motor freight classification

NOS
not otherwise stated

NRC
Nuclear Regulatory Commission

NSN
national stock number

OCONUS
outside continental United States

OMA
operation and maintenance, Army

OOU
order-of-use

PA
procurement appropriations

PD
priority designator

PICA
Primary Inventory Control Activity

POL
petroleum, oils, and lubricants

QUP
quantity per unit pack

RC
recoverability code

RIC
routing identifier code

RICC
reportable item control codes

SAP
Security Assistance Program

SARSS
Standard Army Retail Supply System

SB
supply bulletin

SCIC
special control item code

SCMC
supply categories of material code

SH
special handling

SICA
Secondary Inventory Control Activity

SICC
Service Item Control Center

SIGINT
signal intelligence

SL
storage life

SNUF
stock number user file

SOS
source of supply

SPI
special packaging instructions

SRA
stock record account

STD
standard

TC
type of cargo

TM
technical manual

TOE
table of organization and equipment

TOW
tube-launched, optically-tracked, wire-guided

UI
unit-of-issue

UM
unit-of-measure

USAMC
U.S. Army Materiel Command

Section II
Terms

Army Master Data File change notice
A scheduled notice to announce essential logistic management data additions, deletions, or revisions when required to update the Army Master Data File.

Army Master Data File originator
An Army activity having NICP or SICC materiel management responsibilities that prepares and submits AMDF change notices to LOGSA.

Army cataloging
The method used to establish, collect and record nonquantitative logistics management data for Army items of supply in command or activity data record systems and the AMDF and the release of this data worldwide. It includes, preparing supply catalogs and developing new Army cataloging procedures and techniques, as required.

Army recipient
An activity authorized to receive AMDF change notices from LOGSA.

Army type classification code
It is used to identify the life cycle status of an item and to record the status of the item. This is a guide for authorization, procurement, logistical support, and asset and readiness reporting.

Army type designator
A common way to name a weapon or product in a production series.

Business mission area
It ensures that the right capabilities, resources, and materiel are reliably delivered to warfighters anywhere in the world, when necessary.

Bytes per inch
Density of information stored on a magnetic tape.

Chemical abstracts service
A division of the American Chemical Society is the world's authority for chemical information. CAS is the only organization in the world whose objective is to find, collect, and organize all publicly disclosed chemical substance information. A team of scientists worldwide curates and controls the quality of the databases, which are recognized as the most comprehensive and authoritative by organizations around the world.

Criticality code
A one-position alphabetic code which indicates that an item is technically critical by reason of tolerance, fit restriction, application, nuclear hardness properties or other characteristics, which affect identification of the item.

Class manager
The ICP designated to do assigned materiel management functions on an FSC basis.

Data element
A basic unit of identifiable and definable information. A data element occupies the space provided by fields in a record or blocks. Examples of data elements are activity code and acquisition advice codes.

Defense Logistics Information System
An ADP system designed to provide a centralized data bank to support DOD, Federal civil agencies, and foreign countries taking part in the integrated logistics support program.

Defense Logistics Information System Total Item Record
A record containing two sectors. One sector contains item oriented logistics management data; for example, stock numbers, item characteristics, reference numbers, user recordation, standardization data, freight data, and catalog management data. The other sector contains system support records of system oriented data used in support of the total item record, including tables or indexes of FSC codes, major organization entity rules, activity addresses, and edit and validation tables. Its content is updated directly by system support record maintenance transactions or by an automatic interface of DLSC and DLIS programs.

Demilitarize
To make unfit for military use.

Described item
A specific item listed in the interchangeable and substitutability segment of the AMDF to which a phrase code, a subgroup code, a sequence code, and OOU data apply.

Document identifier code
A 3-digit code that identifies the type of action to specific fields in the alignment of the AMDF.

Department of Defense identification code
A code consisting of one letter and three numbers or two letters and two numbers. A DODIC is assigned to a generic description of an item of supply in FSG 13 (Ammunition and Explosives) and 14 (Guided Missiles) (for example, D548). It may also be applied to modified or improved items, which are functionally interchangeable with the item to which the number was first assigned. The DODIC, when prefixed with the FSC, forms the DOD ammunition code (for example, 1305A011).

Electrostatic discharge indicator
An electronic sensitive device subject to damage caused by static electricity, or electrostatic discharge.

Equivalent items
Items with the same physical and performance characteristics differing only in UI or unit quantity and assigned phrase code Y.

Federal Catalog System
A catalog system that provides for a single item identification and stock number for each item that is repeatedly used, purchased, stocked, or distributed.

Federal Item Identification Guide
A search engine on the internet, listing all available Federal Item Identification Guides.

Hazardous Materials Information Resource System
The central repository for SDSs for the U.S. Government military services and civil agencies.

Interchangeable and substitutable group
Two or more items that have an I&S relationship. A group consists of one or more subgroups.

Interchangeable and substitutable sequence code
Each item within a subgroup will be identified by a sequence code to show the order to be followed in the attrition of items within the subgroup. Suitable items are identified by a letter. Unsuitable items are identified by a number.

Interchangeable and substitutable subgroup
One or more items that have an I&S relationship with each other or the preferred item within an I&S group.

Interchangeable and substitutable subgroup code
A letter showing the relationship of items in an I&S group.

Integrated materiel manager
The materiel manager responsible for carrying out assigned materiel management functions for selected items or selected FSC classes.

Interchangeable item
An item that has functional and physical characteristics equal in performance, reliability, and maintainability to another item for similar or identical purposes and can be—

a. Exchanged for the other.
b. Used without checking for fit or performance.
c. Used without changing the item itself or adjoining items, except for adjustment.

Intermediate pack
A wrap, box, or bundle that contains two or more unit packs of identical items.

Item manager
See integrated materiel manager.

Item management code
The items of supply in FSC assigned for integrated materiel management qualify for management by the individual DOD Components other than DLA or GSA.

Item of supply
Any material, part, component, subassembly, set, equipment accessory or attachment, or end item for the equipping, maintenance, operation or support of military or civil activities and organizations. An item of supply may be a single item of production, or two or more items of production that are functionally interchangeable, or that may be substituted for the same purpose and are equal in use. It may be more refined (of closer tolerance, finer quality, or with specific characteristics) than the normal item of production. It may also be a modification (done by the user or by request of the user) of a normal item of production.

Item type storage code
A 2-position codes that were developed in 1994 and meet the need of DOD item managers for prescribing storage environment. The first position is the type of storage code, and the second position is the primary segregation code for hazardous materials.

Life expectancy code
The expected (in the statistical sense) number of years of life remaining for a system.

Logistics Integrated Database
A single logistics data and information hub.

Logistics management data
A group of nonidentifying, nonquantifying data elements. These data elements consist of catalog management data (for example, price and UI) and Army unique and peculiar data (for example, EC and RC), that are assigned to each item of supply according to the FSC and Army Regulations.

Logistics Modernization Program
The authoritative data source for Army peculiar, Army unique and packaging and freight data relating to the standard NSN for Army managed and Army interest material within their domain.

Major item
A final combination of component parts or materials that are ready for its intended use. It is important enough to be subject to continuing, centralized, individual item authorization and management throughout all command support echelons.

Manufacturer's code
The five-digit Federal stock classification for manufacturers that is assigned to manufacturers or other businesses procured by agencies of the Federal Government.

Manufacturer part number
The manufacturer part number and cage code.

Measurement quantity code
Are used in record fields to describe what physical quantity the data or its dimensions represent.

Medical materiel
Items approved by the Defense Medical Materiel Board and managed by the Defense Personnel Support Center regardless of the item's FSC.

North Atlantic Treaty Organization supply code for manufacturers
A 5-digit, alphanumeric code that identifies manufacturers located in NATO and other friendly countries. Codes are assigned by the central cataloging offices of the different countries. The prefix or the suffix can be an alpha, and the remaining positions are numeric.

Order-of-use
A group of items identified by NSNs that have an I&S relationship with each other and are sequenced for issue from first to be used to last to be used. The OOU consists of the I&S subgroup code and the I&S sequence code.

Packaging
The processes and procedures used to protect material from deterioration and damage. It includes cleaning, drying, preserving, packing, marking, and unitization.

Preferred item
The most desirable item within a group of I&S items that will satisfy a specific need. The item selected must be suitable to use in place of any item in the group.

Primary inventory control activity
A single activity that is responsible for procuring, establishing, and controlling stock item accountability, cataloging, depot maintenance, and item disposal.

Recipient
An activity authorized to receive AMDF change notices from LOGSA.

Reference number
A number, except an activity stock number, used to identify an item of production or, a number used with other identifying numbers to identity an item of supply. Reference numbers include, manufacturers' part drawing, model type, source-controlling, and specification-controlling numbers; the manufacturer's trade name, when the manufacturer identifies the item by trade name only; NATO stock numbers; specification or standard part, drawing, or type numbers.

Related item
An NSN connected with another NSN by an assigned phrase code.

Secondary inventory control activity
A supply control activity responsible for controlling stock levels and maintaining item accountability when supply support is furnished by a different service or agency.

Sequence codes
Each suitable item in a subgroup is identified by a 1-digit alphabetic sequence code denoting the order to follow in the attrition of items in the subgroup. Those items that are unsuitable are identified by a numeric sequence code.

Shelf life code
Identifies the shelf life time period by which an item must be used, or subjected to inspection/test/restoration or disposal action.

Single source distribution
Using one source for distribution of product or service available for use or consumption by a consumer or business user, using direct means, or using indirect means with a third party.

Subgroup
One or more items that have an I&S relationship with each other and the preferred stock number. Except for subgroups containing unsuitable items, stock numbers in the same subgroup can be freely interchanged regardless of end-item-use. Only those items meeting these conditions will be placed in the same subgroup. The subgroup is identified by a 1-digit alphabetic code assigned sequentially (A, B, C through Z, except I and O). The first code is assigned with the subgroup least desirable to retail. Codes are assigned to subgroups until the last subgroup, containing the preferred stock number, is the most desirable to keep.

Technical document number
A method of classifying, indexing, and numbering technical manuals.

Unit pack quantity
The quantity of items to be contained in a unit pack will be given in the terminology of the definitive UI. If a nondefinitive UI is assigned to the stock item, the UI will be further quantified by a UM and measurement quantity as required in the IDS.

Unit pack
The first tie, wrap, or container applied to a single item or a quantity thereof, or to a group of items of a single stock number, preserved or unpreserved, which constitutes a complete and identifiable pack.

Unit price
The price for a single UM of a product sold in more or less than the single unit.

Section III
Special Abbreviations and Terms

AEMM
Army Enterprise Material Master

FTA
Financial Transfer Authority

I&S
interchangeable and substitutable

JDS
Defense LA supply schedule

MQC
measurement quantity code

NCBC
national codification bureau code

RH
relative humidity

SDS
safety data sheet

SLC
shelf life code

SIMS–X
Selected Item Management System-Expanded

SSD
single source distribution

UP
unit price

USAPD

ELECTRONIC PUBLISHING SYSTEM
OneCol FORMATTER WIN32 Version 279

PIN:	071088–000
DATE:	10- 8-15
TIME:	14:33:55
PAGES SET:	119
DATA FILE:	C:\WinComp\p708-2.fil
DOCUMENT:	DA PAM 708–2
SECURITY:	UNCLASSIFIED
DOC STATUS:	REVISION