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SUPERSEDING
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MEDICAL MARKING STANDARD NO. 1C



*MEDICAL SUPPLY CHAIN
DLA TROOP SUPPORT
ATTN: PACKAGING (FSSB)
700 ROBBINS AVENUE
PHILADELPHIA, PA 19111-5092*

IMPORTANT INFORMATION

This marking standard shall apply to all acquisitions issued by the Medical Supply Chain. Markings shall be as specified herein and in the contract/purchase order and/or SOW.

ALL shipments to all continental United States (CONUS) and overseas (OCONUS) shall be properly marked, as required, to insure that material may be properly received/handled/stored. This shall be especially important for shipments to DLA Distribution sites. Shipments without proper markings, including shelf life, will be suspended upon receipt, thus delaying supply support to the customer. This will also result in delays in payment to the vendor.

This document is normally **not applicable** to the Medical Prime Vendor (PV) Program, Electronic Catalog (ECAT), Direct Vendor Delivery (DVD) shipments, etc., unless otherwise specified in the contract/ purchase order and/or SOW (SOW). However, when diversion/redirection of shipments through the Defense Transportation System (DTS) is required, this document shall apply to the extent specified in the diversion/redirection requirements, as contained in the contract/purchase order and/or SOW.

Marking requirements for all PV and ECAT shipments shall be as specified in the applicable contract/order and/or SOW. Marking requirements applicable to PV and ECAT are included in this document for information. In the event of a conflict between the text of this document and the requirements specified in the applicable SOW, the SOW requirements shall take precedence.

Marking requirements for all EDI and all other DVD shipments shall be as specified herein and in the contract/purchase order and/or SOW.

Marking requirements for shipments of components in support of Kitting shall be as specified herein and in the contract/purchase order and/or SOW.

ALL shipments of material requiring special handling shall be marked as specified herein and in the contract/purchase order and/or SOW. When applicable, shelf life markings are mandatory and **may not be waived**. Shelf life markings shall be supplied in the format indicated herein and in the contract/purchase order and/or SOW.

Bar-coded military shipping labels (MSLs) are required on **all** contractor/vendor-originated OCONUS shipments of materiel moving through the DTS, and may be required on other shipments when specified in the contract/purchase order and/or SOW. When applicable, this requirement **may not be waived**.

ALL shipments of hazardous materiel (HAZMAT), both CONUS and OCONUS, shall comply with **all marking and labeling requirements of the applicable domestic and international transportation regulations**. Shipments to OCONUS locations via Military aircraft shall also comply with the requirements of AFMAN 24-204(1)/TM 38-250/NAVSUPPUB 505/MCO 4030.19/DLAI 4145.3. **Compliance with all applicable regulatory requirements may never be waived for any reason.**

INTRODUCTION

1. This document, which supersedes Medical Marking Standard No. 1B dated 30 March 2017, is based on the requirements contained in MIL-STD-129, Standard Practice - Military Marking for Shipment and Storage. This document is identified in MIL-STD-129 as the document applicable to marking shipments of material managed by the Medical Supply Chain.

2. This document, which is applicable to both military and commercial packaging, contains marking requirements for **all** contractor/vendor-originated shipments of medical material to DLA Distribution sites and to medical treatment facilities (MTFs), as well as to contractor/vendor-originated shipments moving through the Defense Transportation System (DTS).

3. In addition to the marking requirements contained herein, markings specific to a particular item shall also be stated in the contract or order.

4. There are a number of significant changes in this revised document:

a. The requirement for the complete item identification on the unit and intermediate package has been reinstated for most FSCs.

b. The requirement for the bar-coded NSN on the intermediate package has been reinstated.

c. Except for shipments of hazardous material, the complete item identification is no longer required on the exterior (shipping) container and the unitized load, unless otherwise specified in the contract or order. However, the complete item identification may be provided at the supplier's option.

d. The requirement for the bar-coded CAGE code on the exterior (shipping) container and the unitized load has been reinstated. Required bar codes on the exterior (shipping) container and unitized load include the NSN, contract/purchase order number (including 13 Character task/delivery order identifiers,(PIID), when applicable), and the CAGE code.

e. Contractor/supplier's name and address are no longer required on the exterior (shipping) container and unitized load. However, contractor/supplier's name and address may be provided at the supplier's option.

f. Cube information is no longer required on the exterior (shipping) container and unitized load. However, cube information may be provided at the supplier's option.

g. Bar codes are required on the packing list (DD Form 250 or suitable commercial packing list) for all OCONUS shipments moving through the DTS.

h. Bar-coded MSLs are required for all contractor/vendor-originated OCONUS shipments of materiel moving through the DTS via aerial ports of embarkation, seaports of embarkation, pre-propositioned ship operations sites, Norfolk Container Freight Station, and Defense Distribution Depot Consolidation and Containerization Points; in addition, MSLs may be required on other shipments when specified in the contract/purchase order and/or SOW. This requirement ***may not be waived***. Bar code requirements include both linear (code 39, also known as code 3 of 9) and 2-dimensional (2D) bar codes. In lieu of including complete technical requirements for the military shipping label in this document, the user is referred to applicable sections of the latest edition of MIL-STD-129.

i. DD Form 1387 is now obsolete and is no longer acceptable for use as a shipment label for shipments moving through the DTS. This label has been replaced by the bar-coded military shipping label.

j. Although requirements applicable to special circumstances, i.e., diverted/redirection Prime Vendor/DVD shipments, etc., have been incorporated into various SOWs they have also been included in this document. Diversion/redirection marking requirements are applicable only when specifically required in the contract/purchase order and/or SOW. If there are any discrepancies between this document and the contract/purchase order and/or SOW, the contract/purchase order and/or SOW requirements shall take precedence.

5. Several requirements, which were clarified in the previous document, are repeated for information:

a. MIL-STD-2073-1 military preservation method number and date of preservation (i.e., "M10-1/13") is now used for military preserved and packaged material.

b. The term "COMM'L" and date of preservation (i.e., "COMM'L 6/13") is now used for commercially packaged and preserved material. As an alternate "COMM" may be used.

c. Specific marking requirements, i.e., shelf life, storage legends, etc., for each NSN shall be as stated in the applicable contract/purchase order and/or SOW. Shelf life markings are **mandatory** and shall be supplied on all containers, in the format specified herein.

d. For all hazardous material acquisitions, a copy of the SDS shall be submitted to DLA Troop Support, ATTN: FSFB (Packaging). In addition, a copy of the SDS shall normally accompany each shipment of hazardous material, unless otherwise specified in the contract/purchase order and/or SOW.

e. All DVD shipments shall be marked as specified in the contract/purchase order and/or SOW. However, marking of **ALL** hazardous material shipments shall comply with **all marking and labeling requirements of the applicable domestic and international transportation regulations**, including the requirement for submission of the SDS. As previously stated, compliance with HAZMAT regulations may not be waived under any circumstances.

f. Marking of all hazardous material destined for shipment through a military aerial port via military aircraft shall comply with the requirements of AFMAN 24-204(I)/TM 38-250/NAVSUPPUB 505/MCO 4030.19/DLAI 4145.3.

6. Any questions, comments, requests for assistance/clarification, etc., may be directed to the point of contact listed in para. VII of this document.

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I. SCOPE

A. This document provides the marking requirements for contractor/vendor-originated shipments of medical material, and shall be applicable to both military and commercial packaging. Additional markings may be required in the contract/purchase order and/or SOW or by the cognizant activity.

B. Except as otherwise stated, this document shall be used for marking contractor/vendor-originated shipments of medical material.

C. Marking consists of numbers, letters, bar codes, labels, tags, symbols, colors, etc., applied to provide identification and to expedite and safe handling during shipment and storage.

D. This revision is effective upon publication.

II. APPLICABLE DOCUMENTS AND PUBLICATIONS

A. The following documents and publications form a part of this document to the extent specified herein. Unless otherwise specified in the contract/purchase order and/or SOW, the document in effect on the issue date of the contract/purchase order and/or SOW shall apply. Additional documents and publications may also be applicable, as specified in the contract/purchase order, and/or SOW.

GOVERNMENT DOCUMENTS

MILITARY SPECIFICATIONS

MIL-PRF-61002 – Pressure-Sensitive Adhesive Labels for Bar Coding

MILITARY STANDARDS

MIL-STD-129 – Standard Practice - Military Marking for Shipment and Storage

MIL-STD-130 – Standard Practice for Identification Marking of U.S. Military Property

MIL-STD-2073-1 – Standard Practice for Military Packaging

(Copies of specifications and standards may be obtained from DLA Document Services, Bldg 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 or electronically through <https://assist.daps.dla.mil/quicksearch/>.)

REGULATIONS

CODE OF FEDERAL REGULATIONS (CFR)

Title 29 CFR – Labor

Title 49 CFR – Transportation

DEFENSE FEDERAL ACQUISITION REGULATION (DFAR)

DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (DFARS)

(Copies of CFR, DFAR and DFARS may be obtained from Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402.)

JOINT MILITARY

- AFMAN 24-204(I)/TM 38-250/NAVSUP – Preparing Hazardous Materials for Military
PUB 505/MCO 4030.191/DLAI 4145.3/ Air Shipments
DCMAD1, CH3.4 (MH 24)
- DLAD 4145.41/AR 700-143/AFJI – Packaging of Hazardous Material
24-210/NAVSUPINST 4030.55B/
MCO 4030.40B
- DLAI 4145.21/TB MED 284/ – Preparation of Medical Temperature-Sensitive
NAVSUPINST 4610.31A/AFJI 41-208 Products Requiring Freeze or Refrigerated
(Chill) Environments for Shipment

(Copies may be obtained from Defense Logistics Agency, ATTN: DSS-CV, 8725 John J. Kingman Road, FT Belvoir, VA 22060-6221.)

NON-GOVERNMENT DOCUMENTS

ASTM INTERNATIONAL

- ASTM D 996 - Standard Terminology of Packaging and Distribution Environments
- ASTM D 3951 - Standard Practice for Commercial Packaging
- ASTM D 5445 - Standard Practice for Pictorial Markings for Handling of Goods

(Copies are available for purchase from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 or electronically through <http://www.astm.org/>.)

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

Dangerous Goods Regulations

(Copies are available for purchase from International Air Transport Association, 2000 Peel Street, Montreal, Quebec H3A 2R4, CANADA.)

INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)

Technical Instructions for the Safe Transportation of Dangerous Goods by Air

(Copies are available for purchase from International Regulations Publishing and Distributing Organization, P. O. Box 60105, Chicago, IL 60660.)

INTERNATIONAL MARITIME ORGANIZATION (IMO)

International Maritime Dangerous Goods (IMDG) Code

(Copies are available for purchase from International Maritime Organization, 4 Albert Embankment, London SE1 7SR, England.)

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

- STANAG 4281 – NATO Standard Marking for Shipment and Storage
- STANAG 4329 – NATO Standard Bar Code Symbology

(Copies of Standardization Agreements (STANAGs) are available from DLA Document Services, Bldg 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 or electronically through <https://assist.daps.dla.mil/quicksearch/>.)

RADIO FREQUENCY IDENTIFICATION (RFID) AND UNIQUE ITEM IDENTIFIER (UII) DOCUMENTS

DoD Suppliers' Passive RFID Information Guide

Supplier Implementation Plan

DoD Guide to Uniquely Identifying Items

(Copies of the RFID Information Guide and Implementation Plan are available at <http://www.acq.osd.mil/log/sci/ait.html>)

The UII Guide is available at <http://www.acq.osd.mil/dpap/pdi/uid/index.html>)

B. Non-Government documents and publications are normally available from the organizations that prepare or distribute them. They may also be available through libraries or other informational services.

C. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

III. TERMINOLOGY

A. General packaging definitions. General packaging definitions may be found in ASTM D 996, as well as other referenced documents. Hazardous material definitions are listed in Title 49 CFR, Part 171, and other related publications.

B. Unit of issue (U/I or UI) designations. The correct U/I for an item will be as listed in the contract/purchase order and/or SOW. The following listing is representative of the U/I's for medical items and is provided for information purposes only:

AM - Ampoule	FT - Foot	QT - Quart
BT - Bottle	HD - Hundred	RL - Reel
BX - Box	IN - Inch	RM - Ream
CN - Can	JR - Jar	RO - Roll
CK - Cake	KT - Kit	SE - Set
CN - Can	LB - Pound	SH - Sheet
CO - Container	PD - Pad	SL - Spool
CS - Case	PG - Package	TU - Tube
DR - Drum	PL - Pail	VI - Vial
DZ - Dozen	PR - Pair	YD - Yard
EA - Each	PT - Pint	

C. Abbreviations/Acronyms. The following abbreviations and acronyms are used in this document and/or are commonly associated with marking. Abbreviations shall be in accordance with the standards and/or documents cited for use.

2D	- 2-Dimensional
ABCA	- American, British, Canadian, and Australian
ASC	- Accredited Standards Committee

ADC	- Automatic Data Capture
AIM	- Automatic Identification Manufacturers
AIT	- Automatic Identification Technology
ALSC	- American Lumber Standard Committee, Inc.
ANSI	- American National Standards Institute
ASCII	- American Standard Code for Information Interchange
ASTM	- ASTM International (<i>formerly American Society for Testing and Materials</i>)
APO	- Air Post Office
BDN	Build Directive Number
C	- Celsius
CAGE	- Commercial and Government Entity
CASKO	- Component, Assembly, Set, Kit or Outfit
CCP	- Consolidated and containerization Point
CFR	- Code of Federal Regulations
COC	- Certificate of Conformance
COE	- Certification of Equivalency
COND	- Condition Code
CONUS	- Continental United States
CPI	- Characters per Inch
CU	- Cube
DCMA	- Defense Contract Management Agency
DDC	- Defense Distribution Center
DDJC	- Defense Distribution Depot, San Joaquin, CA
DDSP	- Defense Distribution Depot, Susquehanna, PA
DEPMEDS	- Deployable Medicine System
DFARS	- Defense Federal Acquisition Regulation (Supplement)
DLA	- Defense Logistics Agency
DoD or DD	- Department of Defense
DoDAAC	- Department of Defense Activity Address Code
DoDAAF	- DoD Activity Address File
DoDIC	- Department of Defense Identification Code
DoDISS	- Department of Defense Index of Specifications and Standards
DoT	- Department of Transportation
DOT-E	- Department of Transportation – Exemption
DOT-SP	- Department of Transportation – Special Permit
DPSC	Defense Personnel Support Center (<i>now known as DLA Troop Support</i>)
DSCP	- Defense Supply Center Philadelphia (<i>now known as DLA Troop Support</i>)
DTS	- Defense Transportation System
DVD	- Direct Vendor Delivery
ECAT	- Electronic Catalog
EDI	- Electronic Data Interchange
EXP	- Expiration
F	- Fahrenheit
FDA	- Food and Drug Administration
FMS	- Foreign Military Sales

FPO	- Fleet Post Office
FSC	- Federal Supply Class
GBL	- Government Bill of Lading
GSA	- General Services Administration
HAZMAT	- Hazardous Materials
HMIS	- Hazardous Materials Information System
IATA	- International Air Transport Association
IAW	- In Accordance With
ICP	- Inventory Control Point
ICAO	- International Civil Aviation Organization
II or I.I.	- Item Identification (also known as item description/nomenclature)
IMDG	- International Maritime Dangerous Codes
IMO	- International Maritime Organization
INSP	- Inspection
ISO	- International Organization for Standardization
IUID	- Item Unique Identification
MFD	- Manufactured
MFR	- Manufacturer
NA	- North American
MTMC	- Military Traffic Management Command
MSL	- Military Shipping Label
NATO	- North Atlantic Treaty Organization
NDC	- National Drug Code
NIIN	- National Item Identification Number
N.O.S. or n.o.s.	- Not Otherwise Specified
NSN	- National/NATO Stock Number
OCONUS	- Outside Continental United States
OCR	- Optical Character Reader
OSHA	- Occupational Safety and Health Administration
PDF417	- Portable Data File 417
PIID	- Procurement Instrument Identification Number
PN or P/N	- Product/Part Number
POP	- Performance-Oriented Packaging
pRFID	Passive Radio Frequency Identification
PSN	Proper Shipping Name
QSTAG	- Quadripartite Standardization Agreement
QN	- Quality Notification (also known as Supply Discrepancy Report)
QTY	- Quantity
QUP	- Quantity per Unit Pack
RDD	- Required Delivery Date
RIC	- Routing Indicator Code
RF	- Radio Frequency
RFID	- Radio Frequency Identification
SAMMS	- Standard Automated Material Management System
SDR	- Supply Discrepancy Report (<i>also known as Quality Notification</i>)
SDS	- Safety Data Sheet

SEAVAN	- Commercial or Government-owned (or leased) Shipping Container
SER NO	- Serial Number
SF	- Standard Form
SKO	- Set, Kit or Outfit
SLC	- Shelf Life Code
SLEP	- Shelf Life Extension Program
SPEDE	- SAMMS Procurement by Electronic Data Exchange
STANAG	- Standardization Agreement
TAC	- Transportation Account Code
TCMD	- Transportation Control Movement Document
TCN	- Transportation Control Number
TP	- Transportation Priority
UI or U/I	- Unit of Issue
UID	- Unique Identification
UII	- Unique Item identifier
UM	- Unit of Measure
UN	- United Nations
UP or U/P	- Unit Price
UPC	- Universal Product Code
UPN	- Universal Product Number
USPS	- United States Postal Service
USTRANSCOM	- United States Transportation Command
WPM	- Wood Packaging Material
WT	- Weight

D. Definitions/Descriptions.

1. Bar code. An array of rectangular bars and spaces in a predetermined pattern representing coded elements of data that can be automatically read and interpreted by automatic bar code reading devices. A bar code may be either linear or 2-dimensional.

2. Case. Either an interior container within a palletized unit load or an individual exterior (shipping) container.

3. Cognizant activity. The activity having responsibility for a contract or jurisdiction over it. At a contractor's facility, the cognizant activity is the procuring contracting officer or the administrative contracting officer.

4. Cold chain management. The process of preparing specific temperature-sensitive medical products (such as FSC 6505 Vaccines) for shipment utilizing standardized systems and procedures, as well as ensuring that required temperatures are properly maintained throughout the supply chain and the validation that those required conditions are met during all phases of distribution until delivery.

5. Commercial and government entity (CAGE) code. A five-position alphanumeric code which identifies each supplier of items to the Federal Government. The CAGE code may be found on the first page of the contract/purchase order in the same block as the awardee's name and address. The prefix "CAGE" shall be used to identify this number.

6. Consignee (receiver). The party to whom material is shipped and whose name and address appear in the "ULTIMATE CONSIGNEE" or "MARK FOR" block of the shipping label.

7. Consignor (shipper). The party who ships material and whose name and address appear in the "FROM" block of the shipping label.

8. Contract Line Item Number (CLIN). A four to six-digit number used to identify each delivery date and/or destination's quantity in the contract schedule.

9. Contract/purchase order number. The identification number assigned to the contract/purchase order. When applicable, the contract number may include a four-digit delivery order number. Also referred to as the procurement instrument identification number (PIID).

10. Controlled item. An item which requires additional control and security in accordance with published regulations and statutes, i.e., narcotics, drug abuse items, etc.

11. Cytotoxic (antineoplastic) drug. A drug that is highly toxic, mutagenic, teratogenic, and carcinogenic; used for cancer chemotherapy.

12. Date manufactured. The date the item was fabricated, processed, produced, or formed for use. For pharmaceuticals, chemicals and biologicals, the date of manufacture shall conform to the definition established by the Food and Drug Administration, or other regulatory agencies. Unless otherwise specified, the date of manufacture shall not be shown for items having an expiration date.

13. Date preserved. The month and year that the product was packaged in the unit container, regardless of the date of exterior (shipping) container packing. For military preserved and packed material, the military preservation method shall precede the date preserved, i.e., in "M10-6/13", the letter "M" indicates that a military preservation method has been used; "10" is the MIL-STD-2073-1 method number; "6/13" indicates the date of preservation. For commercially preserved and packed material, the date preserved shall be shown as "COMM'L 6/13".

14. Destination address label. The label containing all required delivery information. The label may be a bar-coded military shipping label or a suitable commercial shipment label. A bar-coded military shipping label shall be required for all OCONUS shipments moving through the DTS. A commercial shipment label is acceptable for CONUS shipments and for OCONUS shipments moving through commercial channels, unless otherwise specified in the contract/ purchase order.

15. Defense Transportation System (DTS). The portion of the worldwide transportation infrastructure that supports Department of Defense transportation needs across the range of military operations. The DTS consists of those common-user military and commercial assets, services and systems organic to, contracted for, or controlled by DoD. It includes military-controlled or operated terminal facilities, Air Mobility Command (AMC)-controlled or arranged airlift, Military Sealift Command (MAC)-controlled or arranged sealift, and Government-controlled air or land transportation.

16. Department of Defense Activity Address Code (DODAAC). A distinct six-position alphanumeric code assigned to identify specific units, activities, or organizations as found in the Department of Defense Activity Address Directory. The DODAAC may also be found in the acquisition document "SHIP TO" information

17. Deployable medical system (DEPMEDS). A hospital equipment system which is capable of being located in a desired or required area of operation during a contingency, war, or national emergency. The system includes all medical supplies and equipment and selected non-medical equipment such as electrical generators, environmental control equipment, dolly sets, rigid and fabric shelters, and power distribution systems.

18. Expiration date. The date beyond which non-extendible shelf life items (Type I) should be suspended from continued issue or use.

19. Exterior (shipping) container. A container which meets carrier regulations and is capable of protecting the contents from damage during shipment, handling, and storage. Depending on the item being supplied, an exterior (shipping) container may contain one or more units and/or intermediate packages.

20. Government Bill of Lading (GBL). A Government document used to procure transportation and related services from commercial carriers.

21. Gross weight. The total weight of the exterior (shipping) container or unitized load being marked. The gross weight shall be stated in pounds, rounded up to the nearest pound, and shall be preceded by "WT". For unitized loads, the gross weight shall include the weight of the pallet or container base.

22. Hazardous material (HAZMAT). A substance or material which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property, including material which, due to its quantity, concentration, or physical, chemical, or infectious characteristics, may either cause or significantly contribute to an increase in mortality or an increase in serious, irreversible, or incapacitating reversible illness, or pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed. This includes all items which have been so designated as hazardous in Titles 29, 40, 49 CFR or in other applicable modal HAZMAT regulations effective at the time of shipment.

23. Hazardous materials packaging. Packaging having the ability to perform to a specific level of integrity when subjected to performance tests.

24. Human-readable interpretation. An exact interpretation of the encoded bar code data presented in a human-readable font.

25. Immediate container. The first wrap when the unit contains a specific quantity of individually-wrapped items; also referred to as the primary container or individual package.

26. Inspection/test date. The date by which all extendible shelf life items (Type II) should be subjected to testing or visual inspection.

27. Intermediate package. A container, wrap, box, bundle, etc., containing two or more unit containers of identical items. Normally, one or more intermediate packages will be combined into a exterior (shipping) container.

28. Item identification (also known as item description or nomenclature). The description of an item as it appears in the contract/purchase order and/or requisition.

29. Item unique identification (IUID). A system of establishing unique item identifiers within the DoD by assigning a machine-readable character string or number to a discrete item, which serves to distinguish it from other like and unlike items.

30. Kit. A packed unit or group of items normally used in modification, installation or survival.

31. Levels of protection. The extent of packing required to prevent deterioration of or damage to supplies and equipment due to hazards to which they may be exposed during shipment, handling and storage. Protection will be as specified in the contractor/order and may be either military or commercial. Military levels of protection may be either level A or level B. Level A provides maximum protection to meet the most severe worldwide shipment, handling, and storage conditions; level B provides protection to meet moderate worldwide shipment, handling, and storage conditions. Levels of protection are not applicable for commercially preserved and packed material.

32. Lot (control) number. A series of numbers and/or letters established by the manufacturer to record production and control of the product; also referred to as the batch or identification number.

33. Manufacturer. The owner/operator of a factory or establishment that produces, on the premises, materials, supplies, articles, or equipment required under the contract/purchase order.

34. Military preservation. The preservation designed to protect an item during shipment, handling, indeterminate storage, and distribution to consignees worldwide. Military preservation methods and procedures are defined in MIL-STD-2073-1.

35. Military shipping label. A bar-coded address label which shall be required for all shipments moving through the DTS. In addition to in-the-clear markings, the military shipping label shall include both linear and 2-dimensional bar codes.

36. National/NATO stock number (NSN). The 13-digit number divided into two parts, the first 4 digits represent the Federal Supply Class (FSC) and the last 9 digits represent the National Item Identification Number (NIIN). The first 2 digits of the NIIN identify the country assigning the 2 numbers referred to as the National Codification Bureau codes. The remaining 7 are serially assigned numbers. The NSN shall always include appropriate spaces or dashes, except when bar-coded. The NSN bar code and human readable interpretation shall not contain any spaces or dashes. The prefix "NSN" shall not appear in any markings.

37. Packaging. The processes and procedures used to protect material from deterioration, damage, or both. It may include cleaning, drying, preserving, packaging, packing, marking, and unitizing, as applicable.

38. Packing. The assembly of items into unit packs and intermediate or exterior containers, with the necessary blocking, bracing, cushioning, weatherproofing, reinforcement and marking.

39. Palletized unit load. A quantity of items, packed or unpacked, arranged on a pallet in a specified manner and secured, strapped, or fastened on the pallet so that the palletized unit load is handled as a single unit. A palletized or skidded load is not considered to be a shipping container.

40. Parcel post. Any packed material placed into the United States Postal Service channels.

41. Perishable item. An item that normally requires some type of environmental control, such as refrigeration or freeze temperatures during shipment and storage.

42. Passive radio frequency identification (pRFID) tag. An RFID device which modulates and reflects a carrier signal from an interrogator. pRFID tags operate without a separate external power source and obtain operating power generated from the reader.

43. Pilferable item. An item which has a ready resale value and is especially subject to theft.

44. Port of debarkation (PoD). An authorized point where shipments enter a country, either from CONUS or from a foreign country.

45. Port of embarkation (PoE). An authorized point where shipments leave a country, either from CONUS or from a foreign country.

46. Preservation. Application of protective measures, including cleaning, drying, preservative materials, barrier materials, cushioning, and containers, when necessary. Shall protect an item during shipment, handling, indeterminate storage, and distribution to consignees worldwide. Applicable level of preservation may be military or commercial, as specified in the contract/order and shall be included in markings. The date of preservation is the date the item was placed in the unit pack.

47. Product/part number (PN or P/N). The number assigned to the item by the supplier/ manufacturer; i.e., catalog number, National Drug Code (NDC), Universal Product Number (UPN), etc. The prefix "PN" or "P/N" shall be used to identify this number. If no product/part number has been assigned to the item, this entry may be omitted. "P.N" is not acceptable and shall not be used.

48. Project code. A three-position alphanumeric code that identifies plans, programs, and exercises. When applicable, the project code will be stated in the contract/purchase order.

49. Proper shipping name (PSN). The name of a hazardous item shown in Roman print (not italics) in part 172 of Title 49 CFR and in other hazardous materials related publications.

50. Protected cargo. Items required to be secured, accounted for, identified, segregated or handled in order to insure their integrity. Protected cargo is subdivided into classified, controlled, pilferable, and sensitive items. Medical controlled cargo includes controlled and pilferable, such as narcotics, drug abuse items (needles, etc.), alcohol, precious metal alloys, selected medical clothing and textile items, etc.

51. Quantity. The number of units of issue in a unit container, intermediate package, exterior (shipping) container, and unitized load. The quantity is always listed together with the Government unit of issue designation, i.e., 1 BT, 12 PG, 144 EA, etc.

52. Quantity per unit pack (QUP). The quantity of individual items in a unit container. For most items managed by the Medical Supply chain, the QUP shall be one.

53. Required delivery date (RDD). The day of the year (e.g., 087, 198, etc.) specified in the requisition, when material is required by the requisitioner or the consignee.

54. Semi-perishable item. An item that does not normally require refrigeration or freeze temperatures during shipment and storage.

55. Serial number. An assigned designation that provides a means of identifying a specific individual item. The number on the item which is assigned by the manufacturer or the Government for identification or control of an item.

56. Set. A unit and its assemblies, subassemblies, and parts, which together perform an operational function.

57. Shelf life. The total period of time that an item is suitable for issue and use. For items managed by the Medical Supply Chain, shelf life may mean the total period of time beginning with the date of manufacture, the date the unit was packaged, or the total expiration dating period of the item. Shelf life should not be confused with service life. Shelf life markings for Medical items may include the date of manufacture, expiration date, inspection/test date, as applicable, and as specified in the contract/purchase order and/or SOW.

a. Assembled date. The date items/parts are assembled into components, assemblies, sets, kits, or outfits (CASCOs), or the date various CASCOs are assembled into a larger unit.

b. Expiration date. The date by which non-extendible shelf-life items (type I) will be discarded as no longer suitable for issue/use.

c. Manufactured date. The date the item was fabricated, processed, produced, or formed for use. For drugs, chemicals, and biologicals, the date of manufacture for products submitted to the Food and Drug Administration (FDA) for certification prior to release is the date of the official certification notice. For products manufactured under the license of the Agricultural Research Service (ARS), the date manufactured conforms to the definition established by the ARS. The date of manufacture will not be shown for medical items having expiration dates.

d. Inspection/test date. The date by which extendible shelf-life items (type II) will be subjected to visual inspection, certified laboratory tests, or restoration.

58. Shelf life code (SLC). A code assigned to an item to identify the number of months of original shelf life and also whether the original shelf life is non-extendible (Type I) or extendible (Type II). Table III provides a listing of shelf-life codes and the applicable shelf life time periods.

59. Shelf life item. An item of supply that possesses unstable or deteriorative characteristics to the degree that a storage time period must be assigned to insure that the item will perform satisfactorily in service. There are two types of shelf life items: type I items have a definite non-extendible period of shelf life; type II items have an assigned shelf life period which may be extended after the completion of prescribed inspection/test/restorative actions. Typically, extension of type II shelf life shall be in one-year increments, with a maximum of 3 one-year extensions shall be permitted. However, when specified for certain type II items, extension period may be eighteen months, with a maximum of 2 eighteen month extensions.

a. Shelf life item, Type I. A type I shelf life item is an individual item of supply which is determined through an evaluation of technical test data and/or actual experience, to be an item with a definite non-extendible period of shelf-life. One exception is type I medical shelf-life items that may be extended if they have been accepted into and passed testing for extension in the DoD/FDA Shelf-Life Extension Program (SLEP).

b. Shelf life item, Type II. A type II shelf life item is an individual item of supply having an assigned shelf-life time period that may be extended after completion of visual inspection/certified laboratory test, and/or restorative action.

60. Shipping container. An exterior container which meets carrier regulations and is of sufficient strength, by reason of material, design, and construction, to be shipped safely without further packing (e.g., wooden boxes or crates, fiber and metal drums, and corrugated/solid fiberboard boxes).

61. Transportation control number (TCN). The single standard shipment identification number for all vendor shipping transactions involving DoD material. A seventeen-position, alphanumeric data element assigned to control a shipment unit through the transportation pipeline, including CONUS shipments, shipments entering the DTS, and commercial systems. When applicable, the TCN will be specified in the contract/purchase order and/or SOW. In the absence of a TCN, the contract/order number may be listed.

62. United Nations (UN) identification number. A serial number assigned to a hazardous item under the UN classification system.

63. Unitization. An assembly of a quantity of containers in a single load for ease in shipping, handling, and storage. With prior approval from the procuring activity, unitization may be accomplished by any suitable commercial means.

64. Unit of issue (UI or U/I). The standard unit designation assigned to each item. The applicable U/I is indicated in the contract/purchase order, i.e., EA, BT, PG, etc.

65. 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 NSN, which constitutes a complete or identifiable package. A unit pack may often be referred to as the unit of issue.

66. Warranty markings. The markings that apply when a shipment contains items with a service life defined in a specific amount of hours, a specific end date, or a specific operating time. When applicable, the requirement for warranty markings will be stated in the contract/purchase order and/or SOW.

E. Descriptions of marking elements (unit, intermediate package, exterior (shipping) container and unitized load, as applicable). See various figures for marking samples.

1. NSN. The in-the-clear NSN listed in the identification markings will include dashes; however, dashes will not be included in the bar-coded NSN and human readable interpretation. If no NSN is assigned, this line may be omitted.

2. CAGE code and part number (PN or P/N). The CAGE code of the company awarded the contract/purchase order for the item being shipped shall be listed, followed by the company's product/part number for the item. The CAGE code shall be preceded by "CAGE" and the product/part number shall be preceded by "PN" or "P/N". If there is no product/part number assigned by the company, the PN entry may be omitted.

3. Item identification (also known as item description or nomenclature). The exact name and description of the item as it appears in the contract/purchase order and/or SOW. Item identification may be listed on more than one line, if necessary. Standard abbreviations may be used for lengthy item identifications.

4. Quantity and unit of issue. The official Government quantity and unit of issue for the item (i.e., 1 BT, 1 PG, 1 EA, etc.).

5. Contract/purchase order number. Identification number assigned to the contract/purchase order, which is also referred to as the PIID (Procurement Item Identification Number). When applicable, this number shall also include the 13 Character task/delivery order identifier.

6. Preservation method and date of unit preservation/packaging. Type and date of unit preservation/packaging, either Military or commercial, as specified in the contract/purchase order and/or SOW. Military preservation method will vary depending on the item and shall always be indicated by "M" followed by the method of preservation. Commercial preservation will always be indicated by "COMM'L" or "COMM". This requirement is currently applicable to shipments of all items managed by the Medical Supply Chain, except commercial product in FSC 6505/6509 commercial preserved. Method of preservation only is required. "COMM'L" or "COMM". No Date.

a. Military preservation. Military preservation shall be listed as "M10-6/13",/ "M20-6/13", etc., as applicable, where: "M" military preservation has been applied

"10" indicates the method of military preservation
"6/13" indicates the date of military preservation

b. Commercial preservation. Commercial preservation shall be listed as "COMM'L 6/13", or, as an alternate, "COMM 6/13", where:

"COMM'L" or "COMM" indicates commercial preservation has been applied
"6/13" indicates the date of commercial preservation.

7. Gross weight. Gross weight will be expressed in pounds rounded up to the nearest pound. "WT" shall precede the gross weight.

8. Hazardous materials markings. Markings required by 49 CFR and other hazardous materials regulations, as applicable. Markings include the proper shipping name (PSN) and either the North American (NA) or United Nations (UN) identification number.

9. Shelf life markings. Shelf life markings shall be supplied as required in the contract/purchase order and/or SOW. Shelf life markings may include the expiration date, date of manufacture, inspection/test date, etc., as applicable.

10. Lot (control) number. The lot (control) number shall be supplied as required in the contract/purchase order and/or SOW.

11. Bar codes. Bar codes shall be supplied as specified in the contract/purchase order and/or SOW. Other markings. Additional markings shall be supplied as specified in the contract/purchase

order and/or SOW. Additional markings may include storage legend(s), pictorial markings, etc.

F. Destination address label. The address label shall be supplied on the marked side of the container and shall not interfere with any required markings. If adequate space is not available on the marked side, the address label shall be placed on the opposite side. However, when the shipment requires unitization, the address label need only be supplied on one of the marked sides of the unitized load.

1. Military shipping label. Except as otherwise specified in the contract/purchase order and/or SOW, a completed military shipping label shall be supplied on each exterior (shipping) container and/or unitized load for all OCONUS shipments moving through the DTS.

2. Contractor/vendor-originated address label. Unless otherwise specified in the contract/purchase order, the contractor/vendor may supply a commercial address label on each exterior (shipping) container and/or unitized load.

G. passive Radio Frequency Identification (pRFID) tagging. DFARS 211.275(a)(2) requires passive RFID tags for specified shipments that will be shipped to: locations listed on the RFID website (http://www.acq.osd.mil/log/sci/RFID_ship-to-locations.html); to a location outside the contiguous United States when the shipment has been assigned Transportation Priority 1; or any additional locations deemed necessary by the requiring activity.

The RFID website has been updated to remove all DLA locations, so passive RFID tags are now required ONLY when the shipment is OCONUS with a TP 1 or the requiring activity has specifically required the tags.

IV. ENGLISH-METRIC CONVERSION

The following tables are provided for information purposes. For convenience in calculation, Metric equivalents are expressed to two decimal places (nearest hundredth), wherever practical.

<u>TABLE I</u>			
<u>STANDARD ENGLISH-METRIC EQUIVALENTS</u>			
<u>Volume</u>			
1 fluid ounce	=	29.57 milliliters	
1 pint	=	0.47 liter	
1 quart	=	0.95 liter	
1 gallon	=	3.79 liters	
<u>Weight</u>			
1 ounce (avoirdupois)	=	28.35 grams	
1 pound (avoirdupois)	=	453.59 grams or 0.454 kilogram	
<u>Length</u>			
1 inch	=	2.54 centimeters	
1 foot	=	30.48 centimeters or 0.305 meter	
39.37 inches	=	1 meter (3.28 feet = 1 meter)	

<u>TABLE II</u>					
<u>MEDICAL MARKING STANDARD - ENGLISH-METRIC CONVERSIONS</u>					
<u>Volume (Liquids)</u>			<u>Weight</u>		
Gallons	=	Liters	Ounces	=	Grams
1		3.79	1		29.35
5		18.95	10		283.50
50		89.50			
55		208.45			(1000 grams = 1 kilogram)
<u>Volume (Solids)</u>					
Cubic feet	=	Cubic meters	Cubic feet	=	Cubic meters
1.0		0.030	6.0		0.180
1.2		0.036	6.5		0.195
1.3		0.039	8.4		0.250
2.0		0.060	9.0		0.270
2.5		0.075	10.0		0.300
3.0		0.090	12.0		0.360
4.1		0.123	30.0		0.900
4.7		0.141	60.0		1.800
5.3		0.160	66.5		1.995

TABLE II (Continued)

Pounds	=	Kilograms	Pounds	=	Kilograms
1.0		0.45	100.0		45.40
2.2		1.00	125.0		56.75
10.0		4.54	144.0		65.37
11.0		4.99	150.0		68.10
50.0		22.70	200.0		90.80
52.0		23.61	500.0		227.00
65.0		29.51	1000.0		454.00
75.0		34.05	1700.0		771.80

Inches	=	Centimeters	Inches	=	Centimeters
0.0258		0.07	1.0		2.54
0.03		0.08	1.5		3.81
0.0625		0.16	2.0		5.08
0.095 (3/32)		0.24	2.5		6.35
0.10		0.25	3.0		7.62
0.125 (1/8)		0.32	4.0		10.16
0.188 (3/16)		0.48	5.0		12.70
0.375 (3/8)		0.95	10.0		25.40
0.50		1.27	50.0		27.00
0.875 (7/8)		2.22	100.0		54.00
0.90		2.29	144.0		65.76

NOTE: 10 millimeters equals 1 centimeter.

Feet	=	Meters
1.00		0.305
3.28		1.000
25.00		7.620
50.00		15.240
150.00		45.730

Temperature Conversion

To change degrees Celsius (C) to degrees Fahrenheit (F), multiply temperature by 1.8 and add 32.

To change degrees Fahrenheit (F) to degrees Celsius (C), subtract 32 from temperature and divide by 1.8.

Degrees Fahrenheit	=	Degrees Celsius
32		0
35		2
46		8
100		38
212		100

V. GENERAL REQUIREMENTS

A. Acceptable abbreviations.

1. Unit of issue. The correct unit of issue for marking purposes is the unit of issue as listed in the contract/purchase order and/or SOW. The official Government 2-letter abbreviation shall be listed. Periods or other editorial marking shall not be used.

2. Item identification. When necessary due to space limitations, readily identifiable abbreviations may be used. Periods shall not be used.

B. Marking requirements. Medical material shall be marked in English as specified herein and in the applicable contract/purchase order and/or SOW. Required markings may include identification data, bar codes, destination address, shelf life, lot (control) number, storage legends, markings for items requiring special handling (i.e., perishable items, controlled items, hazardous items, etc.) and shall be supplied as applicable. Exact placement of markings may vary slightly from the examples. In addition, for all items except DEPMEDS and hazardous items, order of markings may vary slightly. Markings include, but are not limited to, the following:

1. Unit. Each unit shall be marked in accordance with commercial practice. In addition, the following markings shall be supplied on each unit, as applicable (see para. V.E.2.d.):

a. Commercial packaging (see figures 1 and 2).

NSN

Government quantity and unit of issue

b. Military packaging and, when specified in the contract/purchase order and/or SOW, commercial packaging (see figure 3).

NSN

CAGE code and manufacturer's product/part number

Complete item identification

Government quantity and unit of issue

Contract/purchase order number (including 13 Character task/delivery order identifiers when applicable)

Type and date of unit preservation (either Military method or "COMM'L" and date preserved, as applicable)

c. Bar codes. Bar codes are not required on the unit unless the unit is also the exterior (shipping) container.

2. Intermediate package. Commercial markings on the container are acceptable, provided they do not interfere with placement of required Government markings. The following markings shall be supplied on each intermediate package, as well as any additional markings as specified in the contract/purchase order and/or SOW (see figure 4):

a. Bar code.

NSN

b. Identification data.

NSN

CAGE code and manufacturer's product/part number

Item identification

Government quantity and unit of issue (total number of units of issue in the intermediate package)
Contract/purchase order number (including 13 Character task/delivery order identifiers, when applicable)
Type and date of unit preservation (either Military method or "COMM'L" and date preserved, as applicable)

3. Exterior (shipping) container. The following markings shall be supplied on the side of the exterior (shipping) container having the largest marking surface, as well as any additional markings as specified in the contract/purchase order and/or SOW (see figures 5 and 6):

a. Identification data.

NSN
CAGE code and manufacturer's product/part number
Government quantity and unit of issue (total number of units of issue in exterior (shipping) container)
Type and date of unit preservation (either Military method or "COMM'L", as applicable, and date preserved)
Gross weight
Contract/purchase order number (including 13 Character task/delivery order identifiers when applicable)

b. Bar codes (see figure 13).

NSN
Contract/purchase order number (including 13 Character task/delivery order identifiers when applicable)
CAGE code

c. Destination address label. A destination address label shall be supplied on each exterior (shipping) container. A bar-coded military shipping label shall be required for OCONUS shipments moving through the DTS and when required in the contract/purchase order and/or SOW. Unless otherwise specified in the contract/purchase order and/or SOW, the contractor/vendor may supply a commercial address label on each exterior (shipping) container and/or unitized load for CONUS/OCONUS shipments moving through commercial channels. NOTE: When unitization is required, the applicable destination address label need only be supplied on the unitized load.

4. Unitized load. The following markings shall be supplied on one side of the unitized load, as well as any additional markings as specified in the contract/purchase order and/or SOW; markings identified by an asterisk (*) shall also be supplied on an adjacent side (see figures 7 and 9):

a. Identification data.

* NSN
* CAGE code and Manufacturer's part number
* Government quantity and unit of issue (total number of units of issue in unitized load)
* Type and date of unit preservation (either Military method and date preserved or "COMM'L" and date preserved, as applicable)

- * Weight (total weight of load, including pallet)
Contract/purchase order number (including 13 Character task/delivery order identifiers, when applicable)

b. Bar codes (see figure 13).

NSN

Contract/purchase order number (including 13 Character task/delivery order identifiers, when applicable)

CAGE code

c. Destination address label. A destination address label shall be supplied on each unitized load. A bar-coded military shipping label shall be required for OCONUS shipments moving through the DTS, and when specified in the contract/purchase order and/or SOW. Unless otherwise specified in the contract/purchase order and/or SOW, the contractor/vendor may supply a commercial address label on each exterior (shipping) container and/or unitized load for CONUS/OCONUS shipments moving through commercial channels.

C. Marking methods.

1. All surfaces to be marked shall be clean, dry and free of contaminants. All markings shall be clear, legible, durable, nonfading, and permanent. Unless otherwise specified in the contract/purchase order and/or SOW, all markings shall be black or dark blue, except when applied to a surface on which they are not legible. In this case, markings shall be supplied in a color that provides a definite contrast, i.e., white or yellow markings on an olive drab surface. Prior approval is required from the procuring activity if any color other than black or dark blue is used for markings.

2. Marking may be accomplished by any suitable means that provide the require degree of legibility and durability, i.e., stenciling, ink jet printing, machine printing, laser printing, silk screen printing, labeling, etc. Labels may be used to supply required markings on commercially-marked containers, provided all markings that may be required by applicable regulations are not obliterated. Markings may be supplied on one label or on multiple labels (i.e., one label for each set of required markings. When labels are used, they shall be weather-resistant, remain securely affixed and have a finish capable of withstanding normal handling during shipment and storage.

3. Hand-printing of complete required markings is not acceptable, and may never be automatically approved without proper evaluation/response. However, hand-marking of certain specified information may be considered on a case-by-case basis. The vendor shall submit a formal request to the DLA Troop Support Contracting Officer prior to hand-marking any containers. The request shall contain all applicable information, such as the containers to which the request is applicable, together with the detailed information which the vendor proposed to hand-mark. As specified, the vendor shall not hand-mark containers until a response to the request has been provided. The response shall specifically list the information which may be hand-marked. If hand-marking is approved, all hand-marking shall be either black or navy blue, in block uppercase letters, in a height similar to all other printed marking, and shall be clear, legible, and permanent. Cursive writing shall not be acceptable.

4. Markings on the unitized load may be placed on a marking board or placard by using a label or by direct stenciling. For loads with smooth, flat surfaces, markings may be applied directly to two

adjacent sizes of the load, either by using a label or by direct stenciling; markings shall extend from one container to another.

5. If not inherently waterproofed, all markings on the exterior (shipping) container and unitized load shall be waterproofed by any suitable means, provided legibility or readability of the package markings are not affected. Suitable acceptable means which may be used as protective coatings, may include spar varnish, acrylic coating compound, sealing compound, label adhesive, polyurethane coatings, and clear pressure-sensitive tape. As specified, the protective coating shall not restrict or preclude legibility or readability of the required markings.

D. Marking size.

1. Markings on all sizes of containers shall be in block uppercase letters of equal height and shall be proportionate to the available marking space on the unit, intermediate package, exterior (shipping) container and unitized load.

2. For intermediate packages and exterior (shipping) containers, stenciled or printed lettering for identification data and special markings shall be not less than 1/4 inch nor more than 1-1/4 inch in height. When labels are used, lettering shall be not less than 3/32 inch in height. Label size shall not exceed the available marking surface area of the container.

3. For unitized loads, stenciled or printed lettering for identification data and special markings shall be proportionate to the overall size of the unitized load; however, markings shall be not less than 3/4 of an inch in height.

4. Bar codes shall be not less than 1/4 inch nor more than 1-1/4 inch in height.

E. Marking placement. Required markings shall be placed on each container as follows:

1. Immediate container (individual package). When supplied, immediate containers (individual packages) shall be marked in accordance with commercial practice and as specified in the contract/purchase order and/or SOW. Markings may be supplied in any suitable location. NOTE: The immediate container may also be referred to as "primary container".

2. Unit.

a. Markings specified in the contract/purchase order and/or SOW shall be supplied on the unit container in any suitable location, provided all commercial markings required by applicable regulations are not obliterated. However, placement of required markings on the bottom of the container shall not be acceptable.

b. When the unit container is wrapped in a transparent film wrap, markings shall be applied to the container, in lieu of the outside wrap. When the immediate container (bottle, tube, ampoule, vial, etc.,) is packaged in a unit carton, required markings need only be supplied on the unit carton, unless otherwise specified in the contract/purchase order and/or SOW. When a bottle is supplied without a unit carton, specified markings may be supplied in any suitable location, except on the cap or the bottom of the bottle.

c. For items that are not supplied in unit containers, i.e., stainless steel pails, chairs, beds, tables, etc., unit markings may be supplied on a suitable tag that is securely fastened to the unit.

d. When the contract/purchase order and/or SOW specifies military preservation and Level A or Level B packing, complete identification data markings on the unit shall be required in the contract/purchase order and/or SOW. Normally, when the contract/purchase order and/or SOW specifies commercial packaging, commercial markings shall be supplied on the unit. For FSCs 6505 and 6509, only commercial markings are required at the unit level. For FSC 6508, the commercial markings shall be supplied, together with the NSN. For all other FSCs, the NSN, Government quantity,

and unit of issue are required, in addition to commercial markings. In certain circumstances, military markings may be required on commercial packaging; when applicable, this requirement shall be specified in the contract/purchase order and/or SOW.

e. Bar codes are not required on the unit unless it is also the exterior (shipping) container.

f. See figures 1-3 for sample unit markings. These figures are provided for guidance only; when specified in the contract/purchase order and/or SOW, additional markings may also be required on the unit.

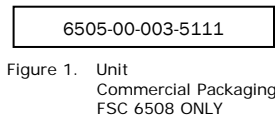


Figure 1. Unit
Commercial Packaging
FSC 6508 ONLY

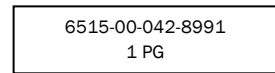


Figure 2. Unit
Commercial Packaging
All Other FSCs

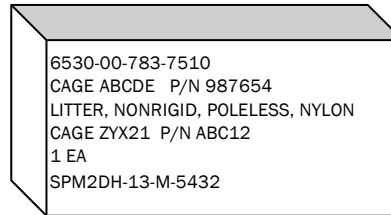


Figure 3. Unit
Military Packaging/
Commercial Packaging when applicable
All FSCs

3. Intermediate package.

a. Bar code, identification data and other markings specified in the contract/purchase order and/or SOW shall be supplied on the intermediate package in a location that permits markings to be easily read while material is in storage.

b. See figure 4 for a sample of markings required on all intermediate packages. This figure is provided for guidance only; when specified in the contract/purchase order and/or SOW, additional markings may also be required on the unit. In addition, when the contract/purchase order and/or SOW calls for military preservation, the intermediate package shall be marked with the method preservation and date of pack, i.e., "M10-6/13", in lieu of "COMM'L 6/13".

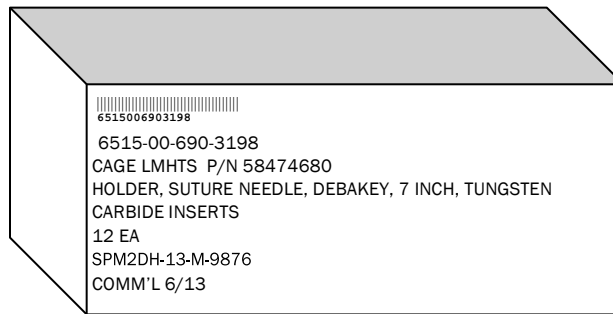


Figure 4. Intermediate Package
Military/Commercial Packaging
All FSCs

4. Exterior (shipping) container. Markings on the exterior (shipping) container shall include identification data, other markings as specified in the contract/purchase order and/or SOW, bar codes, and destination address, as follows:

a. Identification data markings specified in the contract/purchase order and/or SOW shall be supplied in the upper left corner of the side of the exterior (shipping) container having the largest marking surface. In addition, when an exterior (shipping) container is 10 cubic feet or larger, identification data markings shall also be supplied on the end of the container that is to the left of the identification-marked side.

b. Other markings specified in the contract/purchase order and/or SOW may include shelf life and storage legend(s). The preferred location for the lot (control) number is on same line the

contract/purchase order number, with the shelf life and storage legend(s) on the lines immediately following the weight and cube.

c. Bar codes shall be supplied on the exterior (shipping) container. The preferred location is the upper right corner opposite the identification markings; optionally, bar codes may be supplied in the lower right corner.

d. Destination address label shall be supplied on the exterior (shipping) container when unitization is not required.

e. In rare instances, insufficient space may be available on the identification-marked side of the exterior (shipping) container for proper application of the bar code and/or military shipping label. In those instances, these markings may be applied either to the opposite side or to an adjacent side of the container.

f. See figures 5 and 6 for sample exterior (shipping) container markings and location of destination address label.



Figure 5. Exterior (Shipping) Container Preferred Bar Code Placement All FSCs



Figure 6. Exterior (Shipping) Container Optional Bar Code Placement All FSCs

h. See para. IV.E.9 for markings applicable to protected cargo. See para. IV.E.12. for markings applicable to DEPMEDS items. See para. IV.E.13 for markings applicable to medical HAZMAT.

5. Unitized load.

a. Markings on the unitized load shall include identification data, bar codes, other markings as specified in the contract/purchase order and/or SOW, and destination address label. When the bar codes on the exterior (shipping) containers comprising the unitized load are scannable, no additional bar codes are required on the unitized load.

b. Markings shall be supplied on two adjacent sides of the load. All markings as specified in the contract/purchase order and/or SOW, including identification data, bar codes, and destination address label, shall be supplied on one side; in addition, markings as illustrated in figure 7 shall be supplied on an adjacent side.

c. When the load is wrapped with shrink or stretch wrap, markings may not be clearly visible through the wrap. Therefore, in addition to all required marking, pressure-sensitive labels containing required markings may also be placed on the outermost layer of wrap on either marked side of the load.

d. See figures 7 and 8 for sample unitized load markings and location of destination address label.

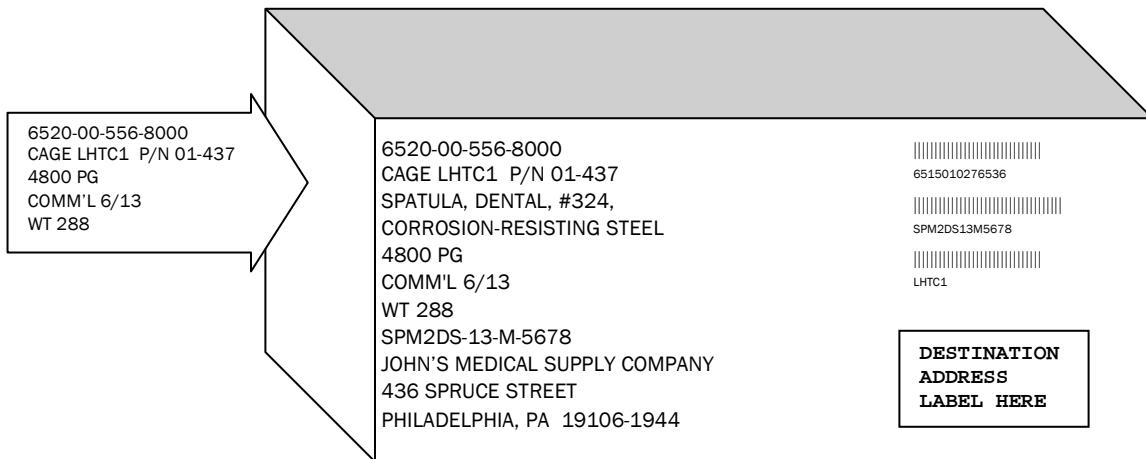


Figure 7. Unitized Load Preferred bar code placement All FSCs

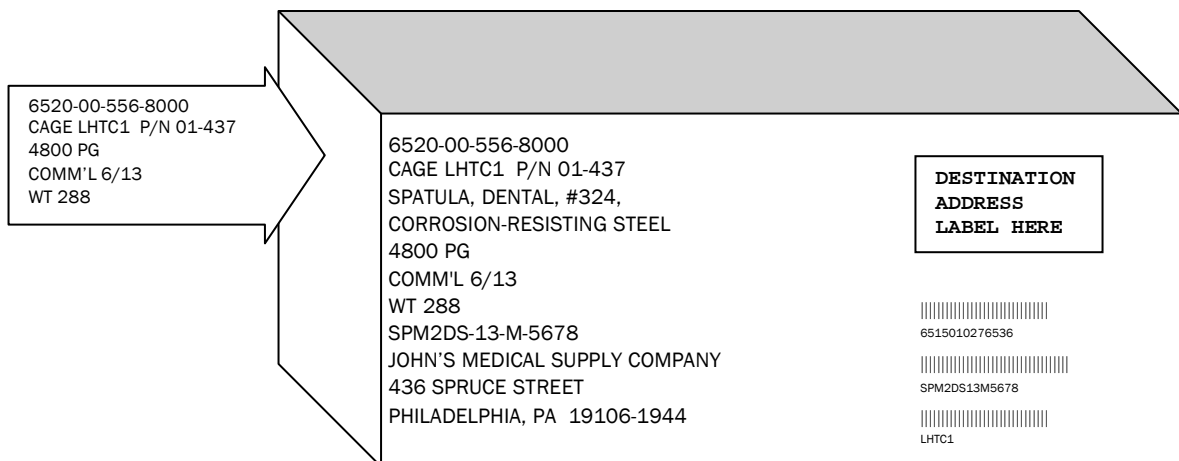


Figure 8. Unitized Load Optional bar code placement All FSCs

6. Packing list.

a. A packing list shall be supplied with each shipment of medical material. Either a suitable commercial packing list or DD Form 250 may be used. At least one copy shall be placed inside each exterior (shipping) container. One copy shall be sealed in a suitable water-resistant envelope and shall be affixed to the outside of container no. 1. Exterior packing lists are required on all contractor/vendor-originated shipments of medical material, except for most shipments of protected cargo. When required, linear bar codes shall also be supplied on each packing list or DD Form 250. For information, a copy of DD Form 250 is provided as figure 9.

MATERIAL INSPECTION AND RECEIVING REPORT											Form Approved OMB No. 0704-0248																											
<p>The public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0248), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.</p> <p>PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE ADDRESS. SEND THIS FORM IN ACCORDANCE WITH THE INSTRUCTIONS CONTAINED IN THE DFARS, APPENDIX F-401.</p>																																						
1. PROCUREMENT INSTRUMENT IDENTIFICATION (CONTRACT) NO.				ORDER NO.		6. INVOICE NO./DATE		7. PAGE OF		8. ACCEPTANCE POINT																												
2. SHIPMENT NO.		3. DATE SHIPPED		4. B/L TCN			5. DISCOUNT TERMS																															
9. PRIME CONTRACTOR CODE				10. ADMINISTERED BY CODE																																		
11. SHIPPED FROM (If other than 9) CODE				FOB:		12. PAYMENT WILL BE MADE BY CODE																																
13. SHIPPED TO CODE				14. MARKED FOR CODE																																		
15. ITEM NO.	16. STOCK/PART NO. (Indicate number of shipping containers - type of container - container number.)	DESCRIPTION				17. QUANTITY SHIP/REC'D*	18. UNIT	19. UNIT PRICE		20. AMOUNT																												
<table border="1"> <tr> <td colspan="6"> 21. CONTRACT QUALITY ASSURANCE a. ORIGIN <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____ </td> <td colspan="6"> b. DESTINATION <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____ </td> <td colspan="1"> 22. RECEIVER'S USE Quantities shown in column 17 were received in apparent good condition except as noted. DATE RECEIVED _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____ * If quantity received by the Government is the same as quantity shipped, indicate by (X) mark; if different, enter actual quantity received below quantity shipped and encircle. </td> </tr> <tr> <td colspan="13"> 23. CONTRACTOR USE ONLY </td> </tr> </table>													21. CONTRACT QUALITY ASSURANCE a. ORIGIN <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____						b. DESTINATION <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____						22. RECEIVER'S USE Quantities shown in column 17 were received in apparent good condition except as noted. DATE RECEIVED _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____ * If quantity received by the Government is the same as quantity shipped, indicate by (X) mark; if different, enter actual quantity received below quantity shipped and encircle.	23. CONTRACTOR USE ONLY												
21. CONTRACT QUALITY ASSURANCE a. ORIGIN <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____						b. DESTINATION <input type="checkbox"/> COA <input type="checkbox"/> ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____						22. RECEIVER'S USE Quantities shown in column 17 were received in apparent good condition except as noted. DATE RECEIVED _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____ TYPED NAME: _____ TITLE: _____ MAILING ADDRESS: _____ COMMERCIAL TELEPHONE NUMBER: _____ * If quantity received by the Government is the same as quantity shipped, indicate by (X) mark; if different, enter actual quantity received below quantity shipped and encircle.																										
23. CONTRACTOR USE ONLY																																						
DD FORM 250, AUG 2000				PREVIOUS EDITION IS OBSOLETE.					Reset																													

Figure 9. DD Form 250 - Material Inspection and Receiving Report
All FSCs

b. To assure that all receiving activities can properly identify items requiring special handling and storage, the vendor shall also annotate the packing list with the notation: "REQUIRES SPECIAL HANDLING AND/OR STORAGE" together with applicable storage statements, i.e., "STORE BETWEEN 2° – 8° C (36° - 46° F)", "KEEP FROZEN", "FLAMMABLE", etc.

c. For shipments of controlled, classified, and pilferable items, the packing list shall be placed **inside** container no. 1. The container shall be marked with the legend "PACKING LIST HERE" or any similar legend.

d. For OCONUS shipments moving through the DTS and when required in the contract/purchase order and/or SOW, the packing list shall also include linear bar codes. See para. V.E.8.a.(2) and figure 12 for sample packing list bar codes.

7. Destination address label. The destination address label shall be supplied on the marked side of the exterior (shipping) container and shall not interfere with any required markings. If adequate space is not available on the marked side, the address label shall be placed on the opposite side. However, when the shipment requires unitization, the address label need only be supplied on one of the marked sides of the unitized load. See figures 5, 6 and 7 for placement of the destination address label.

a. Military shipping label. A completed military shipping label shall be supplied on each exterior (shipping) container and/or unitized load for all OCONUS shipments moving through the DTS, except as otherwise specified in the contract/purchase order and/or SOW. Complete technical requirements for the military shipping label are contained in MIL-STD-129, paras. 4.2 through 4.2.3, as applicable. See para. V.E.8.a.(3) for required data and figures 13 and 14 for sample military shipping label bar codes. See figure 9 for a sample military shipping label.

TCN				SW81238350D001XXX			
							
From SW8123 In-the-clear Address 3 Lines Max, 35 Characters Per Line XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		TAC / Type Service / Postage F8WR Frt LTL					
Piece 1 Of 1	Weight (lb.) 7760	Date Shipped 1090	RDD 999				
	Cube (ft.) 385	Project 9BU	Priority 1				
Ship To / POE DOV		In-the-clear Address 5 Lines Max, 35 Characters Per Line Abcdefg Hijklmno Pqrstuv Wxyz Abcdefg Hijklmno Pqrstuv Wxyz XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
POD RMS		MSL, Supply, & TCMD Data 					
FMS Case CKM							
DLA Data ABD77ZR Dest: 30D135 CD: Spur:							
W55XGJ		Ultimate Consignee / Mark For Consignee Ultimate / Mark For Consignee Address 5 Lines Max, 35 Characters Per Line Abcdefg Hijklmno Pqrstuv Wxyz Abcdefg Hijklmno Pqrstuv Wxyz XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					
							

Figure 10. Military shipping Label
All FSCs

b. Commercial shipment label. For all CONUS/OCONUS shipments moving through commercial channels, and when permitted in the contract/purchase order and/or SOW, the contractor/vendor may supply a suitable commercial shipment label. See figure 11 for a sample commercial shipment label.

TCN:	SPM2DS-13-M-LCJS
FROM:	CBA MANUFACTURING COMPANY 2900 ROGERS STREET PHILADELPHIA, PA 19145-5099
TO:	SW3100 TRANSPORTATION OFFICER DLA DISTRIBUTION SUSQUEHANNA SUSQUEHANNA SITE WEST 5450 CARLISLE PIKE CODE EMI BLDG 109 - RECEIVING MECHANICSBURG, PA 17055-0789
	WT 100.0
	CARTON 1 OF 5 (or PALLET 1 OF 5)

Figure 11. Commercial Shipment Label
All FSCs

8. Bar codes.

a. Requirements.

(1) Intermediate package, exterior (shipping) container, and unitized load.

(a) Bar codes are required on the intermediate package, exterior (shipping) container, and unitized load, as specified in the contract/purchase order and/or SOW. On the intermediate package, bar code marking shall consist of the NSN and human readable interpretation and shall be located above the identification data, as illustrated in figure 4. On the exterior (shipping) container and unitized load, bar code markings shall consist of the NSN, PIID and CAGE code, together with respective human readable interpretations. Preferable location is to the right of the identification data, as shown in figures 5 and 7. Optional location is shown in figures 6 and 8.

(b) Bar codes shall be a minimum of 2.0 inches (50.8 mm) from the top and bottom edges and 1.0 inch (25.4 mm) from the side edges. A minimum distance (quiet zone) of 0.25 inch (6.35 mm) from the nearest identification/ contract data marking shall be maintained. Standard bar code density range for linear bar codes shall be from 3.0 to 9.4 characters per inch (CPI). Bar codes shall be in a horizontal configuration, and shall not include any spaces or dashes. The PIID shall include the 13 Character task/delivery order identifiers, when applicable. The human readable interpretation shall be an exact interpretation of the bar code data and shall not contain any spaces or dashes. The preferred location for the human readable interpretation is below the bar code; optionally, it may be above the bar code. Single bar code is shown in figure 12. Multiple bar codes shall be stacked as shown in figure 13.



Figure 12. Intermediate Package
Linear Bar Code
All FSCs

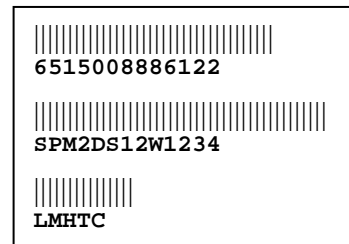


Figure 13. Exterior (Shipping) Container/Unitized Load
Linear Bar Codes
All FSCs

(2) Packing list. When required in the contract/order, linear bar codes shall be supplied on the packing list. Bar codes may be printed directly on the packing list, or as an alternate, they may be

printed on a pressure-sensitive label which is securely affixed to the packing list. The following lines of bar-coded data, together with human readable interpretation, shall be provided on the packing list:

- 1st bar code: Document number and suffix (in absence of document number, the contract/purchase order number)
- 2nd bar code: NSN (or in absence of NSN, the CAGE and PN)
- 3rd bar code: S9M (ICP RIC), 2-position unit of issue, 5-position left zero-filled quantity, condition code (shown as "A" unless otherwise specified) 2-position left-zero-filled distribution code and 6-position left zero-filled unit price.

Sample packing list linear bar codes are shown in figure 14.

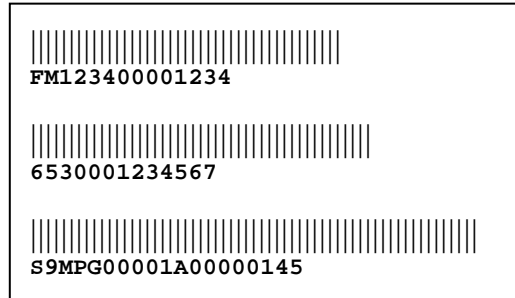


Figure 14. Packing List - Linear Bar Codes
All FSCs

(3) Military shipping label. Bar codes shall be required on the military shipping label. Both linear and 2D bar codes shall be supplied, as specified in the contract/purchase order and/or SOW. See figure 9 for sample military shipping label and locations of required bar codes.

(a) Linear bar codes. Each linear bar code on the military shipping label shall be one-half inch high and shall be accompanied by the human readable interpretation. Linear bar codes shall include the following:

- 1st bar code: TCN (in the absence of a TCN, the contract/purchase order number)
- 2nd bar code: Piece number - **Do not left zero-fill.**
- 3rd bar code: DoDAAC for the ultimate consignee/mark for consignee

Sample military shipping label linear bar codes are shown in figure 15.



Figure 15. Military shipping Label - Linear Bar Codes
All FSCs

(b) 2D bar codes. The 2D bar code elements shall include document number and suffix (in absence of document number, the contract/purchase order number), NSN (or in absence of NSN, the CAGE and PN), S9M, 2-position unit of issue, 5-position left zero-filled quantity, condition code (shown as "A" unless otherwise specified) 2-position left-zero-filled distribution code and 6-position left zero-filled unit price. See figure 16 for a sample 2D bar code.



Figure 16. Military shipping Label - 2D Bar Code
All FSCs

9. Protected cargo.

a. Marking requirements. Protected cargo includes all items identified as controlled, classified, sensitive, or pilferable. All required markings shall be supplied on all shipments of protected cargo, except as specified in the contract/purchase order and/or the SOW, and as specified herein.

b. Non-hazardous protected cargo. For all shipments of all non-hazardous protected cargo, the term "MEDICAL SUPPLIES" shall be used in lieu of the NSN and item identification on the exterior (shipping) container and unitized load. In addition, only the bar codes for the contract/purchase order number and CAGE code shall be shown; the bar code for the NSN shall be omitted. Signature service shall be used for all shipments of protected cargo. See figures 17 and 18 for sample non-hazardous protected cargo markings.

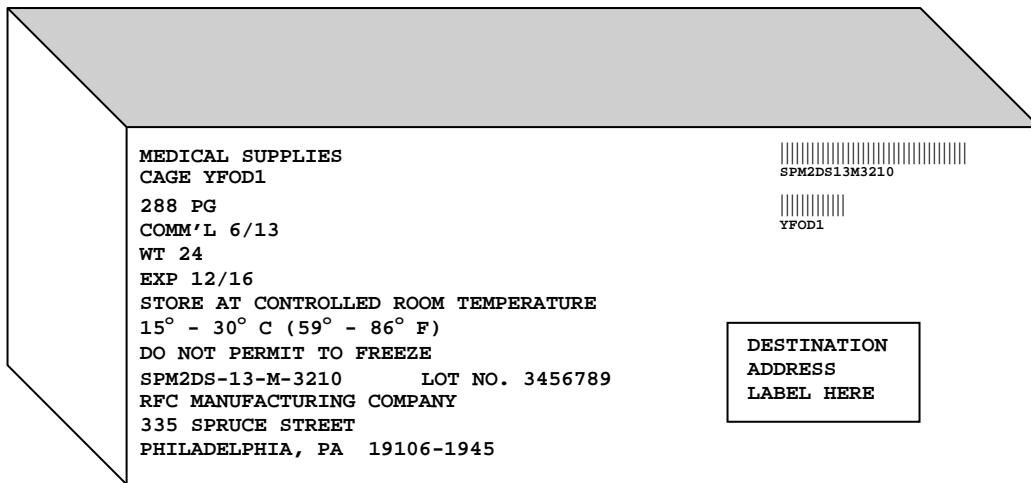


Figure 17. Exterior (Shipping) Container
Non-hazardous Items ONLY
Preferred bar code placement
All FSCs

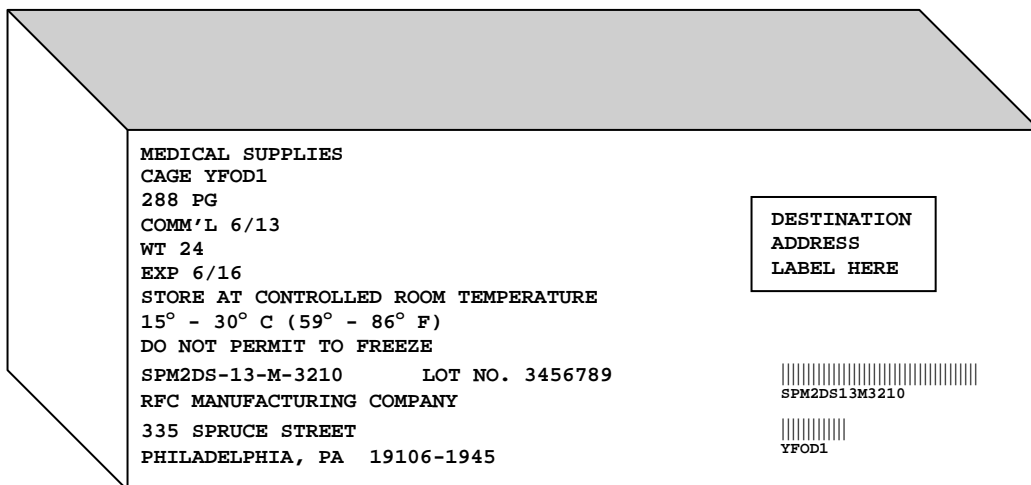


Figure 18. Exterior (Shipping) Container
Non-hazardous Items ONLY
Optional bar code placement
All FSCs

c. Controlled substances.

(1) To assure that all Controlled Substances as defined by Federal, State, and Local regulations can be properly identified by the customer's receiving point the shipper shall annotate the following statement on its packing list for those orders which require Controlled Substances:

"CONTROLLED SUBSTANCE REQUIRES _____*_____ STORAGE."
*SHIPPER will enter the words "VAULT" or "LIMITED ACCESS."

In accordance with Federal regulations, these items are identified by a distinctive Controlled Substance Schedule Symbol. This symbol appears only on the immediate container or carton. "VAULT" is to be used for items bearing Symbol C-II; "LIMITED ACCESS" is to be used for items bearing Symbol C-III, C-IV or C-V.

(2) Use of the word "narcotics" on shipping containers or packing list is prohibited.

d. Hazardous protected cargo. For items classified as both protected cargo and hazardous material, i.e., ALCOHOL, USP, the NSN and Proper Shipping Name (PSN) shall be listed. In addition, material shall be marked as specified in para. V.E.13.

e. Signature service. Signature service shall be used for all shipments of protected cargo.

10. Medical clothing and textile items. Accountability is required for certain Medical clothing and textile items managed by the Medical Supply Chain, DLA Troop Support. These items include clothing (physician's smocks, operating gowns, etc.), sheets, blankets, bags, etc. When specified in the contract/purchase order and/or SOW, additional markings are required and shall be listed directly below all required identification data. The container number shall be consecutively numbered for each shipping point for the duration of the contract. See figure 19 for a sample of required markings.

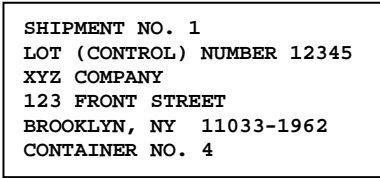


Figure 19. Medical Clothing and Textile Items
All FSCs

11. Set (assembly) markings. When a set (assembly) is packed in two or more exterior (shipping) containers, all containers shall be shipped together. Each container shall be marked with its own number within the set, the total number of containers making up the set, and the number of the set within each shipment. Set (assembly) markings shall be placed in the lower right corner of the identification-marked side of the container. A two-inch black disc shall be placed above the numbers on each container. For surfaces on which black is not legible, marking shall be white or yellow and a white or yellow disc shall be applied. See figure 20 for sample set (assembly) markings.

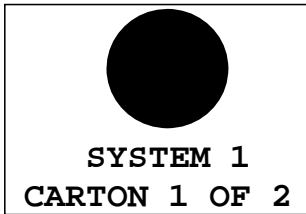


Figure 20. Set (assembly) markings
All FSCs

12. Deployable medical systems (DEPMEDS) markings. DEPMEDS items shall be marked as specified herein and in the applicable contract/purchase order and/or SOW. In addition, identification

data markings on exterior (shipping) containers containing DEPMEDS items shall be listed in the order shown in figure 21.

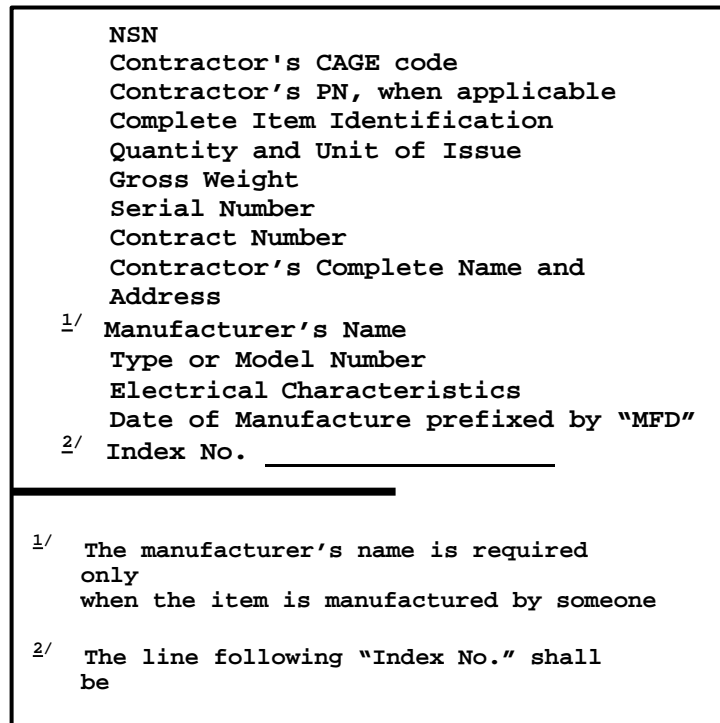


Figure 21. Identification Markings
DEPMEDS Items
All FSCs

13. Hazardous material (HAZMAT).

a. General information. HAZMAT includes any material defined as hazardous under 49 CFR 171.8 and the latest version of FED-STD-313.

(1) Per 49 CFR 171.8, a hazardous material means a substance or material, including a hazardous substance, which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce, and which has been so designated.

(2) Compliance with all applicable regulatory requirements is mandatory. These requirements application requirements is mandatory

b. Safety Data Sheets (SDS).

(1) Safety Data Sheets (SDSs) shall meet the requirements of 29 CFR 1910-1200 (g) and FED-STD-313. The shipper shall obtain, and maintain a file of all required SDS's and Hazard Warning Labels (HWLs) from suppliers, upon receipt of applicable items. The shipper shall furnish the customer with all applicable SDS's with each shipment of hazardous material. The shipper shall also assure that all hazardous material is labeled correctly.

(2) A copy of each SDS, annotated with the item name and either the National Stock Number (if available) or the commercial part number, shall be provided to DLA Troop Support, ATTN: FSFB (Packaging); upon request, SDS's will also be provided to the DLA Troop Support Contracting Officer.

(3) If at any time during the contract there is a change in the composition of any item or a revision to FED-STD-313, which renders incomplete or inaccurate the data previously submitted, the shipper shall promptly notify the Contracting Officer. The Contracting Officer may, at his/her option, require the shipper to resubmit the revised SDS to each ordering facility as well as to DLA Troop Support, ATTN: FSFB (Packaging).

(4) Nothing contained in the contract/purchase order and/or SOW, station of work, and/or this document shall relieve the shipper from complying with applicable Federal, State, and local laws, codes, ordinances and regulations (including the obtaining of licenses and permits) in connection with hazardous materials. Neither the requirements of the contract/purchase order, SOW, and/or this document, nor any act or failure to act by the Government, shall relieve the shipper of any responsibility or liability for the safety of Government, shipper, or subcontractor personnel or property.

c. Regulatory requirements. Packaging, labeling and marking of hazardous items shall comply with applicable domestic and international transportation regulations, i.e., Title 49 CFR, International Civil Aviation Organization (ICAO) Technical Instructions (excluding para. 1.4 of Chapters 1 and 3), or International Maritime Dangerous Goods Code (IMDG). Marking of hazardous materiel destined for shipment through a military aerial port via military aircraft shall comply with AFMAN 24-204(I)/TM 38-250/ NAVSUPPUB 505/MCO 4030.19/DLAI 4145.3.

d. Labeling and marking. In addition, labeling and marking shall be in accordance with one of the following, as applicable:

- Federal Insecticide, Fungicide, and Rodenticide Act
 - Federal Food, Drug, and Cosmetics Act
 - Consumer Product Safety Act
 - Federal Hazardous Substances Act
 - Federal Alcohol Administration Act
- OR, if the material is not subject to one of the above acts,
Hazard Communication Standard 29 CFR 1910-1200 et seq.

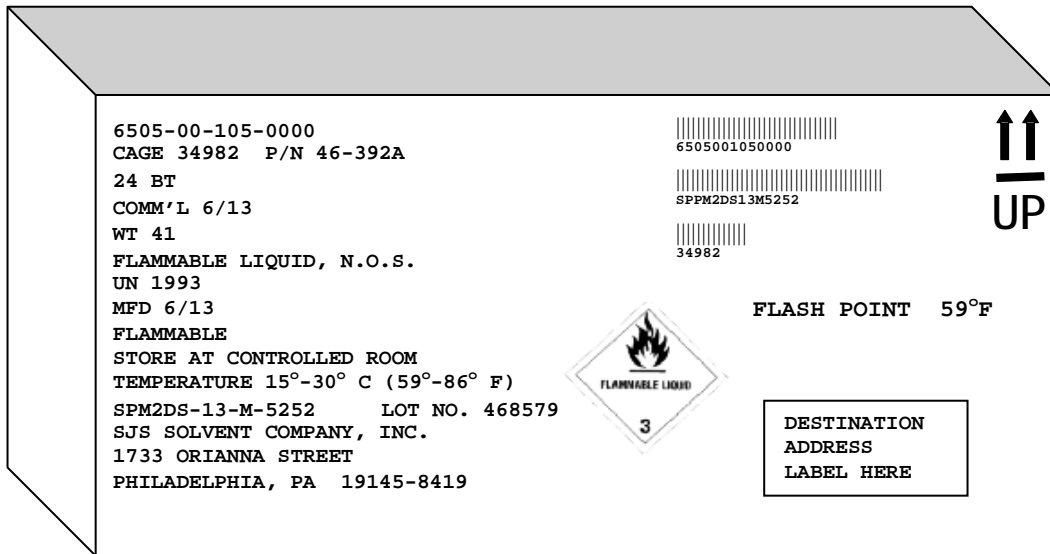
e. Interior containers. All interior containers shall be labeled and marked as specified in the contract/purchase order and/or SOW, and as specified herein.

f. Exterior (shipping) containers. Exterior (shipping) containers identified for international transportation shall be marked, labeled, and documented to meet UN requirements in accordance with the appropriate modal regulation. Unless otherwise specified, UN-recommended certification markings for HAZMAT prescribed herein shall be placed on the side of the exterior (shipping) container opposite the side containing the identification, contract data and bar code markings. See figure 22 for sample HAZMAT markings.

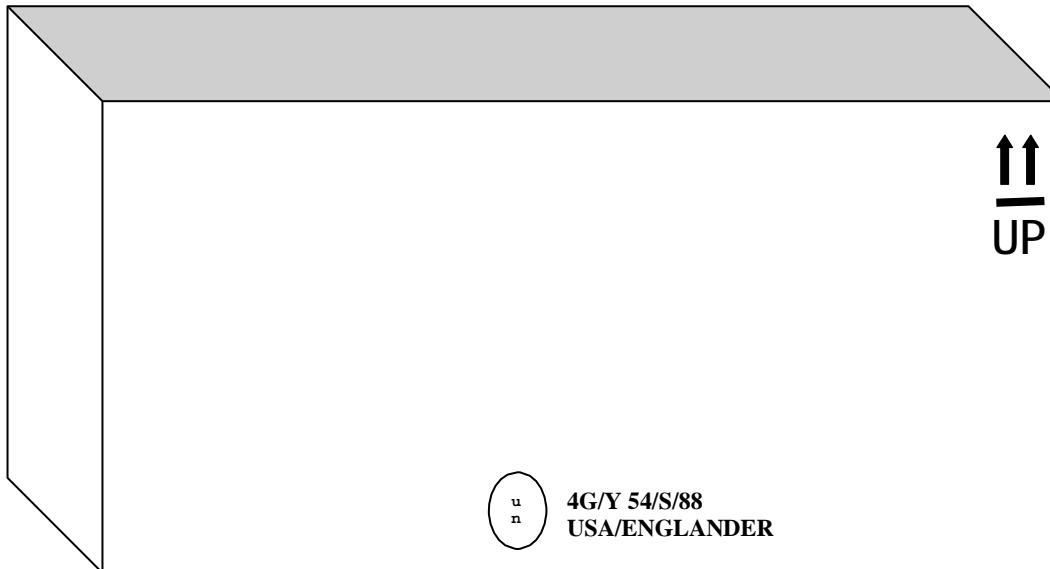
g. Hazardous protected cargo. Exterior (shipping) containers containing material classified as both hazardous and protected shall be marked as specified for hazardous material. In addition, the NSN and Proper Shipping Name shall be shown in all markings (see para. III.E.8.). Signature service shall be used for all shipments of material classified as protected cargo.

h. Kits containing hazardous components. Kits containing hazardous components in small quantities (i.e., adhesives, inks, solvents, and other flammable liquids) shall be marked and labeled in accordance with the requirements as specified herein. The UN packaging certification markings are required only when the quantity of HAZMAT in the individual kit or exterior (shipping) container containing 2 or more kits exceeds the quantity designed as exempted in the applicable modal regulation(s).

i. Package configuration certification. The supplier's signed certification that the package configuration meets Title 49 CFR, and either ICAO or IMDG requirements, as applicable, shall be included on the packing list (DD Form 250 may be used) accompanying each shipment.



FRONT



REVERSE

Figure 22. Exterior (Shipping) Container
 Hazardous Items
 All FSCs

j. Shipper's Declaration for Dangerous Goods. In addition to all requirements as specified herein, each shipment via commercial or military air shall be accompanied by a properly completed standard commercial "Shipper's Declaration for Dangerous Goods", which is available for purchase from commercial vendors specializing in HAZMAT transportation supplies. The form shall meet the format, size and color specifications outlined in IATA Dangerous Goods Regulation, Section 8-documentation, and shall be prepared in accordance with each modal requirement for each segment of the shipment. A minimum of 3 completed original forms shall be supplied with each shipment. Each completed original form shall have vertical red borders and shall be signed by the certifying official. See figure 23 for a copy of the form.

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper 	Air Waybill No. Page 1 of 1 Shipper's Reference Number <i>(optional)</i>										
Consignee 											
<i>Two completed and signed copies of this Declaration must be handed to the operator</i>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">TRANSPORT DETAILS</th> </tr> <tr> <td style="width: 30%;"> This shipment is within the limitations prescribed <i>(delete non-applicable)</i> </td> <td style="width: 70%;"> Airport of Departure </td> </tr> <tr> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">PASSENGER AND CARGO AIRCRAFT</td> <td style="width: 70%;"> XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX </td> </tr> </table> </td> <td> </td> </tr> <tr> <td colspan="2"> Airport of Destination: </td> </tr> </table>	TRANSPORT DETAILS		This shipment is within the limitations prescribed <i>(delete non-applicable)</i>	Airport of Departure	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">PASSENGER AND CARGO AIRCRAFT</td> <td style="width: 70%;"> XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX </td> </tr> </table>	PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX		Airport of Destination:		<p>WARNING</p> <p>Failure to comply in all respects with the applicable Dangerous Goods Regulation may be in breach of the applicable law, subject to legal penalties. This Declaration must not, in any circumstances, be completed and/or signed by a consolidator, a forwarder or an IATA cargo agent.</p>
TRANSPORT DETAILS											
This shipment is within the limitations prescribed <i>(delete non-applicable)</i>	Airport of Departure										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">PASSENGER AND CARGO AIRCRAFT</td> <td style="width: 70%;"> XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX </td> </tr> </table>	PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX									
PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX										
Airport of Destination:											
Shipment type: <i>(delete non-applicable)</i> NON-RADIOACTIVE XXXXXXXXXXXX											
NATURE AND QUANTITY OF DANGEROUS GOODS Dangerous Goods Identification											
PROPER SHIPPING NAME	CLASS OR DIVISION	UN OR ID NO.	PACKING GROUP	SUBSIDIARY RISK	QUANTITY AND TYPE OF PACKING	PACKING INST.	AUTHORIZATION				
Additional Handling Information 24 Hr. Emergency Contact Tel. No.											
<p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p>						Name/Title of Signatory Place and Date Signature <i>(see warning above)</i>					

Figure 23. Shipper's Declaration for Dangerous Goods
 Hazardous Items
 All FSCs

14. Other required markings. Other required markings shall be as specified in the contract/purchase order and/or SOW. They shall be supplied in a conspicuous location on the

identification-marked side of the container. If sufficient space is not available on the identification-marked side, they may be supplied on the opposite size, unless otherwise specified in the contract/purchase order. However, they shall not be supplied on the bottom of the container. Other required markings may include, but are not limited to, the following:

a. Shelf life markings. When applicable, shelf-life markings shall be supplied as specified in the contract/purchase order and/or SOW. Shelf-life markings may include the expiration date, date of manufacture, and/or inspection/test date. There are two types of shelf-life items:

(1) Type I. Type I items have a definite non-extendible period of shelf life. Medical Type I items shall be marked with either the expiration date or the date of manufacture. For Type I shelf-life items with an expiration date, the expiration date shall be shown. For Type I shelf-life items without an expiration date, the date of manufacture shall be shown.

(2) Type II. Type II items have an assigned shelf life time period that may be extended after completion of inspection, test, or restorative action. For Type II shelf-life items with an expiration date, the expiration date shall be shown. For Type II shelf-life items without an expiration date, the date of manufacture shall be shown. The inspection/test date shall be shown in addition to either the date of manufacture or expiration date. The inspection/test date shall be shown on the unit, intermediate package (if supplied), exterior (shipping) container and unitized load.

(3) Specific shelf life markings. Specific shelf life markings are as follows:

(a) Expiration date. For Type I items, the expiration date is the date by which an item should be discarded as being no longer suitable for issue or use. For Type II items, the expiration date is the date when an item should be inspected or tested to determine the inspection/test date.

(b) Date of manufacture. The date of manufacture is the date the item was produced, fabricated, processed, or formed for use. Items requiring a date of manufacture may be either Type I or Type II.

(c) Inspection/test date. The inspection/test date is the date by which Type II items should be subjected to inspection, test, or restoration. The inspection/test date shall be left blank for Type II drugs, pharmaceuticals, and biologicals. For all other Type II items, the inspection/test date shall be supplied.

(4) See figure 24 for examples of shelf-life markings.

<u>EXPIRATION</u>	<u>INSPECTION/TEST</u>
EXP	DRUGS/PHARMACEUTICALS/BIOLOGICALS
	EXP DATE 10/16
	INSP/TEST DATE _____
<u>DATE OF</u>	ALL OTHER MEDICAL
MFD	MFD DATE 6/13
	INSP/TEST DATE

Figure 24. Shelf-Life Markings
All FSCs

(5) Shelf life codes. The following table, which contains a listing of shelf-life codes and the applicable shelf life time periods, is provided for information:

TABLE III
SHELF-LIFE CODES

<u>Shelf-Life Period</u>	<u>Type I</u>	<u>Type II</u>
Non-Deteriorative - No Shelf-Life Applies	0 (numeric)	0 (numeric)
1 Month	A	N/A
2 Months	B	N/A
3 Months	C	1
4 Months	D	N/A
5 Months	E	N/A
6 Months	F	2
9 Months	G	3
12 Months	H	4
15 Months	J	N/A
18 Months	K	5
21 Months	L	N/A
24 Months	M	6
27 Months	N	N/A
30 Months	P	N/A
36 Months	Q	7
48 Months	R	8
60 Months	S	9
72 Months	I	N/A
84 Months	T	N/A
96 Months	U	N/A
Variable	V	N/A
120 Months	W	N/A
180 Months	Y	N/A
240 Months	Z	N/A
Shelf-Life Period Greater than 60 Months for Type II Extendible Items	N/A	X

b. Material requiring special handling marking and/or storage legends.

(1) In addition to applicable commercial markings, and all markings as specified in the contract/purchase order and/or SOW, special handling and/or storage legends shall be supplied on the unit, intermediate package, exterior (shipping) container and unitized load, as applicable, and may consist of printed legends and/or pictorial markings. Placement shall not interfere with or obscure any other markings.

(2) As an example, storage legends may include the following or similar alternates: "STORE AT CONTROLLED ROOM TEMPERATURE 59° - 86° F (15° - 30° C)", "STORE BETWEEN 2° - 8° C (36° - 46° F)", "KEEP FROZEN", "FLAMMABLE", etc. In addition, shipping containers shall be marked

with applicable special handling and storage statements, in accordance with commercial practice. This is in addition to labeling and marking as specified herein.

(3) Marking legends may also include "TOP", "UP", "THIS SIDE UP", "GLASS", "PERISHABLE", "KEEP FROZEN", etc. When necessary, arrows shall be used with the legends "TOP" or "UP".

(4) Examples of acceptable pictorial markings may be found in ASTM D 5445.

c. Warranty markings. Warranty markings are not required for medical material unless a contract/purchase order and/or SOW/delivery order specifically states that all containers are to be marked with a warranty legend. The warranty markings shall be applied by labeling, tagging, or printing and shall be prefaced by "WARRANTED ITEM". All information shall be in upper case letters of the same style font and shall be located adjacent to or above the contract data markings. See figure 25 for sample warranty markings.

<u>WARRANTED ITEM</u>	<u>WARRANTED ITEM</u>	<u>WARRANTED ITEM</u>
WARRANTY EXPIRES AFTER 1000 HOURS OF OPERATION	WARRANTY EXPIRES 1 JANUARY 2016	WARRANTY GOOD FOR 180 DAYS FROM DATE ITEM IS PUT INTO USE

Figure 25. Warranty Markings
All FSCs

d. Flash point. For items having a flash point of not more than 141 degrees Fahrenheit (F) or 60.5 degrees Celsius (C), each intermediate package and exterior (shipping) container shall be marked with the flash point. The flash point shall be preceded by the words "FLASH POINT" and may be shown in degrees F or C, or both. The flash point shall be determined by using testing methods prescribed in Title 49 CFR. See figure 26.

FLASH POINT 80° F

Figure 26. Flash Point Marking
All FSCs

e. Cytotoxic (antineoplastic) drug markings. Cytotoxic (antineoplastic) drugs shall be marked and labeled as specified in applicable transportation regulations and in the contract/purchase order and/or SOW/delivery order. In addition, each intermediate package and exterior (shipping) container containing cytotoxic (antineoplastic) drugs shall be marked with a diamond-shaped figure with the word "CYTOTOXIC" printed inside the figure in black letters on a white background. See figure 27.



Figure 27. Cytotoxic Marking
FSC 6505

f. Transportation Special Handling/Protective Services. Certain shipments of non-hazardous medical material may require special handling/protective services when being transported by military-controlled aircraft. When applicable, a properly completed DD Form 1387-2, NOV 2004 (Special Handling Data/Certification) label shall be affixed to the exterior (shipping) container. The vendor/contractor shall complete the form by entering all applicable information, and shall firmly affix the completed form adjacent to the Military Shipping Label. The signature block shall be completed by

the person preparing the shipment. Blank copies of this form (illustrated in figure 28) may be obtained by contacting DLA Troop Support, FSB (Packaging) via email at DSCP.Packaging@dla.mil.

SPECIAL HANDLING DATA/CERTIFICATION

1. ITEM NOMENCLATURE	2. NET QUANTITY PER PACKAGE	3. TRANSPORTATION CONTROL NO.
	4. CONSIGNMENT GROSS WEIGHT	5. DESTINATION
6. SUPPLEMENTAL INFORMATION		
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and in proper condition for transportation according to the applicable regulations of the Dept of Transportation. THIS IS A U.S. DEPARTMENT OF DEFENSE SHIPMENT! (Complete applicable blocks below)		
7. DTR REFERENCE		
8. HANDLING INSTRUCTIONS		
9. ADDRESS OF SHIPPER		10. TYPED NAME, SIGNATURE AND DATE

DD FORM 1387-2, NOV 2004

PREVIOUS EDITION IS OBSOLETE.

Form Approved/OMB No. 0704-0188

Figure 28. DD Form 1387-2
Special Handling Data/Certification
All FSCs

g. Perishable medical material. Perishable medical material includes both cold chain management and routine temperature-sensitive items. Perishable items requiring chill or freeze temperatures shall be properly packaged in accordance with DLAI 4145.21/TB MED 284/ NAVSUPINST 4610.31A/AFJI 41-208, or, as an alternate, in accordance with acceptable commercial practice. When specified in the contract/purchase order and/or SOW, perishable items requiring constant refrigeration shall be properly packaged and marked in accordance with cold chain management protocols. In addition to all applicable regulatory requirements and markings specified in the contract/purchase order and/or SOW, perishable medical material shall be marked as follows:

(1) Cold chain management items.

(a) Marking requirements. Shipments of FSC 6505 Vaccines and other designated items requiring compliance with specialized cold chain management protocols shall be marked in accordance with regulatory requirements and as specified in the applicable protocol. Markings shall include "ARROW" and "FRAGILE" markings, as applicable. Protocols are available in DLAI 4145.21/TB MED 284/ NAVSUPINST 4610.31A/AFJI 41-208. Protocols may also be available in the contract/purchase order and/or SOW. Protocols are subject to change periodically. For information regarding protocols, including availability of updated requirements, contact DLA Troop Support via email at DSCPcoldchain@dla.mil.

(b) Temperature monitor. As required in the cold chain management protocols, a temperature monitor shall be placed inside each container prior to sealing.

(c) DLA Troop Support neon orange cold chain shipping label. A DLA Troop Support Neon Orange Cold Chain Shipping Label shall be affixed to the upper right hand corner of the container's lid on each insulated container. The label shall be accurately completed in its entirety; specifically, Instruction 1) "Refrigerate Container in transit If After This Date", must be completed as follow: If the shipment was packaged on June 3, the "Refrigerate Container in-transit If After This Date" will be June 8. For information, a representative example of this label is included as figure 29. For supplies of this label, contact DLA Troop Support via email at DSCPcoldchain@dla.mil.

Location Packed (Circle one) - DDSP DDJC Other _____

Pack Date: _____

Using the following Protocol: Cold Weather Moderate Weather Warm Weather

IN-TRANSIT INSTRUCTIONS:

1) **Refrigerate Container** in-transit **If After This Date:** _____

- Refrigeration of material in container while in-transit is required **if 5 days have passed since material was packed**
- **Do not Refrigerate container** with material inside **until date indicated above**. Failure to comply may result in freezing, thereby destroying the material.
- **If repacking is needed**, contact DSCP-MGAC, at DSCPcoldchain@dla.mil, or (215) 737-7227 (DSN 444-7227) for instructions on packing protocols.

2) **If More Than 15 Days until Receiving Site Delivery**, contact DSCP-MGAC, at DSCPcoldchain@dla.mil, or (215) 737-5537 (DSN 444-5537) for instructions.

RECEIVING SITE INSTRUCTIONS:

Upon arrival **follow handling instructions** located inside the box.

- **Do Not Freeze** the container or material. Failure to comply may result in freezing, thereby destroying the material.

TEMP TAPE TEMPERATURE MONITOR ENCLOSED

Figure 29 DLA Troop Support Neon Orange Label
Cold Chain Management Items
All FSCs

(d) **Important information.**

(i) DD Forms 1502-1 and 1502-2 and DSCP Forms 2770-1 and 2770-2 are not applicable and shall **NOT** be used on shipments of cold chain management items requiring refrigeration.

(ii) Until cold chain protocols have been developed for perishable material requiring frozen temperatures, DD Form 1502 and DSCP Form 2770 shall be used.

(2) **Routine temperature-sensitive shipments.**

(a) **Marking requirements.** Routine temperature-sensitive shipments of perishable items not requiring adherence to cold chain management protocols shall be marked as specified in the contract/purchase order and/or SOW, and as specified herein. Marking on shipping containers containing limited un-refrigerated medical material shall indicate the maximum cumulative time that material may remain out of refrigeration during shipment. Marking on shipping containers containing material requiring constant refrigeration or constant freeze shall indicate the date and time when refreshing is required. Markings shall include "ARROW" and "FRAGILE" markings, together with the applicable label (DD Forms 1502, 1502-1 and 1502-2) applied to the address side of the exterior (shipping) container, adjacent to the destination address label. As an alternate, the applicable label may be affixed to the size opposite the address side. When the size of the container precludes application of the label to either side, the label may be applied in any fashion, provided it does not interfere with any required markings; however, the label shall **not** be applied to the bottom of the container. When specified in the contract/purchase order and/or SOW, a suitable commercial alternative or other Government label shall be acceptable.

(b) **Notification forms.** The appropriate notification form (DSCP Forms 2770, 2770-1 or 2770-2) shall be placed inside each exterior (shipping) container prior to sealing.

(c) Labels and forms. Representative examples of labels and forms are included for information only. Contact the DLA Troop Support Contracting Officer for current versions of the following labels and notification forms:

(i) Frozen Medical material.

(aa) DD Form 1502 (Frozen Medical Materiel Shipment). This green pressure-sensitive label shall be used for perishable frozen medical material that requires the constant temperature to be maintained below 32° F. Required delivery date and applicable icing and time data shall be annotated on the label at the time of shipment. See figure 30.

FROZEN MEDICAL MATERIEL SHIPMENT				Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provisions of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of these addresses.					
PERISHABLE - KEEP FROZEN					
VACCINE → TEMPERATURE MUST BE MAINTAINED BELOW 32 °F					
REQUIRED DELIVERY DATE (Calendar date)					
THIS PACKAGE PACKED AT ORIGIN					
DATE	TIME	POUNDS OF DRY ICE	BY (Name)		
IMPORTANT					
To insure delivery of this vaccine in a satisfactory condition, it is necessary that this container be re-iced with DRY ICE on or before time indicated below. (Greenwich Meridian Time is used for overseas shipments.)					
____ POUND(S) DRY ICE WILL SAFEGUARD CONTENTS FOR ____ HOURS WHEN RE-ICING IS DONE. AT FIRST RE-ICING POINT, CROSS OUT PREVIOUS BLOCK (Left column below) AND ENTER NEW DATE AND TIME NEXT RE-ICING IS DUE.					
MUST BE DRY RE-ICED NOT LATER THAN ↓		DRY ICE ACTUALLY ADDED			
DATE	FIRST DRY RE-ICING →	DATE	POUNDS	DRY ICED BY	
HOUR		HOUR			
DATE	SECOND DRY RE-ICING →	DATE	POUNDS	DRY ICED BY	
HOUR		HOUR			
INSTRUCTIONS					
Break tape on outer container and insert necessary dry ice. IMMEDIATELY re-seal outer container and RECORD this operation on the log above. DO NOT handle this vaccine or permit container to remain open longer than is necessary for DRY re-icing. NOTE: FAILURE TO COMPLY WITH INSTRUCTIONS MAY ENDANGER LIVES. If materiel has thawed or if shipment arrives without dry ice, refreeze immediately. Report details by fastest means to Defense Supply Center Philadelphia (DSCP), Directorate of Medical Materiel, 700 Robbins Avenue, Philadelphia, PA 19111-5092. Document discrepancies in accordance with AR 55-38/NAVSUP PUB 459/AFM 75-34/MCOP 4610.19/DLAR 4500.15. DO NOT issue or destroy materiel until disposition instructions are received from DSCP.					
DD FORM 1502, APR 2002			Previous editions are obsolete.		FormFlow (DLA)

Figure 30. DD Form 1502
Frozen Medical material Shipments
All FSCs

(bb) DSCP Form 2770 (Notice for Frozen Medical Material Shipments). This notice provides instructions for reporting potential discrepancies, and shall be supplied inside each exterior (shipping) container. See figure 31.

NOTICE FOR FROZEN MEDICAL MATERIEL SHIPMENTS

IF A FROZEN TEMPERATURE INDICATOR HAS BEEN USED, REMOVE IMMEDIATELY TO PREVENT DISCOLORATION OF THE CONTAINER.

IF SHIPMENT IS RECEIVED WITH NO DRY ICE IN THE CONTAINER, OR IF THE COLORED ICE IN THE PLASTIC INDICATOR TUBE HAS MELTED, TAKE THE FOLLOWING ACTIONS:

1. Place the materiel in freezer below 32° F.
2. Suspend the materiel from issue and use and report discrepancy on SF-361 (DISREP) or SF 364 (SDR), as appropriate, to:

Defense Supply Center Philadelphia, DLA
 Directorate of Medical Materiel
 ATTN: DSCP-MGAC
 700 Robbins Avenue
 Philadelphia, PA 19111-5092

3. As an alternate, report discrepancy electronically at: <https://www.daas.dla.mil/websdr/>.

4. Include the following data in the report (Use separate reports for each item.):

- | | |
|--|--|
| <p>(a) National Stock Number, National Drug Code, or Product/Part Number</p> <p>(b) Complete Nomenclature</p> <p>(c) Name of manufacturer</p> <p>(d) Lot (control) number(s)</p> <p>(e) Contract and/or requisition numbers</p> <p>(f) Total dollar value</p> <p>(g) Quantity</p> <p>(h) Present storage condition</p> | <p>(i) Temperature or adverse storage condition existing during shipment; also furnish environmental temperature at time of receipt</p> <p>(j) Nature of the complaint – Indicate if ice in indicator tube was melted and whether materiel was warm to the touch upon opening box</p> <p>(k) Name of last known carrier from which materiel was received and final destination for shipment</p> <p>(l) TCN or BL numbers</p> <p>(m) Date and hour materiel delivered by carrier.</p> <p>(n) Date and hour materiel returned to freezer</p> <p>(o) Other details concerning condition of materiel – origin of shipment (depot or contractor's name), <u>all entries</u> recorded on DD Form 1502</p> <p>(p) Name, location, telephone number (DSN and commercial with area code), and email address of person most familiar with this situation</p> |
|--|--|

5. **DO NOT** issue or destroy materiel until disposition instructions are received from DSCP.

6. Attach the following to the SF-361 or SF-364 (see online instructions if submitting electronically):

- (a) DD Form 1502 label (remove from package).
- (b) Copy of GBL and/or copy of carrier's delivery document.
- (c) Copy of the Report of Shipment (REPSHIP) if received electronically (or information furnished if REPSHIP received by telephone).

DSCP FORM 2770, September 2005 (Interim)

PREVIOUS EDITIONS OBSOLETE

Figure 31. DSCP Form 2770
 Notice for Frozen Medical Material Shipments
 All FSCs

(ii) Constant Refrigerated Medical material.

(aa) DD Form 1502-1 (Chilled Medical Materiel Shipment. This orange pressure-sensitive label shall be used for perishable medical material that requires constant refrigeration temperature to be maintained between 35 ° F and 46 ° F. Required delivery date and applicable icing and time data shall be annotated on the label at the time of shipment. See figure 32.

FROZEN MEDICAL MATERIEL SHIPMENT		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provisions of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of these addresses.			
PERISHABLE - KEEP FROZEN			
MEDICAL ITEMS		TEMPERATURE MUST BE MAINTAINED BELOW 32°	
F			
REQUIRED DELIVERY DATE (Calendar date)			
THIS PACKAGE DATE	PACKED AT ORIGIN TIME	POUNDS OF DRY ICE	BY (Name)
IMPORTANT			
To insure delivery of this materiel in a satisfactory condition, it is necessary that this container be re-iced with DRY ICE on or before time indicated below. (List the complete date and local time, including time zone (i.e., EST, PST, etc. for all shipments.)			
_____ POUND(S) DRY ICE WILL SAFEGUARD CONTENTS FOR _____ HOURS WHEN RE-			
ICING IS DONE. AT FIRST RE-ICING POINT, CROSS OUT PREVIOUS BLOCK (Left column below) AND ENTER NEW DATE AND TIME NEXT RE-ICING IS DUE.			
MUST BE DRY RE-			
ICED NOT LATER THAN	DRY ICE ACTUALLY ADDED		
DATE	FIRST DRY RE-ICING	DATE	POUNDS
HOUR	HOUR	DATE	POUNDS
DATE	SECOND DRY RE-ICING	DATE	POUNDS
HOUR	HOUR	DATE	POUNDS
INSTRUCTIONS			
Break tape on outer container and insert necessary dry ice. IMMEDIATELY re-seal outer container and RECORD this operation on the log above. DO NOT handle this materiel or permit container to remain open longer that is necessary for DRY re-icing.			
NOTE: FAILURE TO COMPLY WITH INSTRUCTIONS MAY ENDANGER LIVES.			
If materiel has thawed or if shipment arrives without dry ice, refreeze immediately. Report details by fastest means to Defense Supply Center Philadelphia (DSCP), Directorate of Medical Materiel, 700 Robbins Avenue, Philadelphia, PA 19111-5092. Document discrepancies in accordance with AR 55-38/NAVSUP PUB 459/AFM 75-34/MCOP 4610.19/DLAR 4500.15. DO NOT issue or destroy materiel until disposition instructions are received from DSCP.			

DD Form 1502, *** 2005**

Previous editions are obsolete

Figure 32. DD Form 1502-1
Chilled Medical material Shipments
All FSCs

(bb) DSCP Form 2770-1(Notice for Chilled Medical Material Shipments). This notice provides instructions for reporting potential discrepancies, and shall be supplied inside each exterior (shipping) container. For information, a representative example of this label is included as figure 33.

NOTICE FOR CHILLED MEDICAL MATERIEL SHIPMENTS

**IF SHIPMENT IS RECEIVED WITH A VIOLET BULB IN THE COLDMARK,
OR A RED INDICATOR IN ANY OF THE WINDOWS ON THE WARMMARK,
TAKE THE FOLLOWING ACTIONS:**

1. Place the materiel in chill space (Refrigeration temperature 36° to 46° F).
2. Suspend the materiel from issue and use and report discrepancy on SF-361 (DISREP) or SF-364 (SDR), as appropriate, to:

Defense Supply Center Philadelphia, DLA
Directorate of Medical Materiel
ATTN: DSCP-MGAC
700 Robbins Avenue
Philadelphia, PA 19111-5092
3. As an alternate, report discrepancy electronically at: <https://www.daas.dla.mil/websdr/>.
4. Include the following data in the report (Use separate reports for each item.):

(a) National Stock Number, National Drug Code, or Product/Part Number	(i) Temperature or adverse storage condition existing during shipment; also furnish environmental temperature at time of receipt
(b) Complete nomenclature	(j) Nature of complaint
(c) Name of manufacturer	(k) Name of last known carrier from which materiel was received and final destination for shipment
(d) Lot (control) number(s)	(l) TCN or GBL number(s)
(e) Contract and/or requisition number(s)	(m) Date and hour materiel delivered by carrier
(f) Total dollar value	(n) Date and hour materiel returned to refrigeration
(g) Quantity	(o) Other details concerning condition of materiel – origin of shipment (<i>depot or contractor's name</i>), <u>all entries</u> recorded on orange shipping label(s).
(h) Present storage condition	(p) Name, location, telephone number (DSN and commercial with area code), and email address of person most familiar with this situation.
5. **DO NOT** issue or destroy materiel until disposition instructions are received from DSCP.
6. Attach the following to the SF-361 or SF-364 (see online instructions if submitting electronically):
 - (a) DD Form 1502-1 label or DSCP-developed neon orange label (remove from package).
 - (b) Copy of GBL and/or copy of carrier's delivery document.
 - (c) Copy of the Report of Shipment (REPSHIP) if received electronically (or information furnished if REPSHIP received by telephone).

NOTICE FOR CHILLED MEDICAL MATERIEL SHIPMENTS

**IF SHIPMENT IS RECEIVED WITH A VIOLET BULB IN THE COLDMARK,
OR A RED INDICATOR IN ANY OF THE WINDOWS ON THE WARMMARK,
TAKE THE FOLLOWING ACTIONS:**

1. Place the materiel in chill space (Refrigeration temperature 36° to 46° F).
2. Suspend the materiel from issue and use and report discrepancy on SF-361 (DISREP) or SF-364 (SDR), as appropriate, to:

Defense Supply Center Philadelphia, DLA
Directorate of Medical Materiel
ATTN: DSCP-MGAC
700 Robbins Avenue
Philadelphia, PA 19111-5092

3. As an alternate, report discrepancy electronically at: <https://www.daas.dla.mil/websdr/>.

4. Include the following data in the report (Use separate reports for each item.):

- | | |
|---|---|
| (a) National Stock Number, National Drug Code, or Product/Part Number | (i) Temperature or adverse storage condition existing during shipment; also furnish environmental temperature at time of receipt |
| (b) Complete nomenclature | (j) Nature of complaint |
| (c) Name of manufacturer | (k) Name of last known carrier from which materiel was received and final destination for shipment |
| (d) Lot (control) number(s) | (l) TCN or GBL number(s) |
| (e) Contract and/or requisition number(s) | (m) Date and hour materiel delivered by carrier |
| (f) Total dollar value | (n) Date and hour materiel returned to refrigeration |
| (g) Quantity | (o) Other details concerning condition of materiel – origin of shipment (<i>depot or contractor's name</i>), <u>all entries</u> recorded on orange shipping label(s). |
| (h) Present storage condition | (p) Name, location, telephone number (DSN and commercial with area code), and email address of person most familiar with this situation. |

5. **DO NOT** issue or destroy materiel until disposition instructions are received from DSCP.

6. Attach the following to the SF-361 or SF-364 (see online instructions if submitting electronically):

- (a) DD Form 1502-1 label or DSCP-developed neon orange label (remove from package).
- (b) Copy of GBL and/or copy of carrier's delivery document.
- (c) Copy of the Report of Shipment (REPSHIP) if received electronically (or information furnished if REPSHIP received by telephone).

DSCP FORM 2770-1, September 2005 (*Interim*)

PREVIOUS EDITIONS OBSOLETE

Figure 33. DSCP Form 2770-1
Notice for Chilled Medical Material Shipments
All FSCs

(iii) Limited Unrefrigerated Medical material.

(aa) DD Form 1502-2 (Limited Unrefrigerated Medical Materiel Shipment. This red pressure-sensitive label shall be used for perishable medical material which has a limited unrefrigerated time period permitted (receipt of shipment by consignee is assured within a specified number of days). Required delivery date and applicable removal from/return to refrigeration data shall be annotated on

the label at the time of shipment. For information, a representative example of this label is included as figure 34.

LIMITED UNREFRIGERATED MEDICAL MATERIEL SHIPMENT			Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provisions of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of these addresses.					
PERISHABLE					
REQUIRED DELIVERY DATE (Calendar date)					
IMPORTANT					
This package contains Medical Materiel which may be unrefrigerated during transit provided the cumulative time out of refrigeration does not exceed _____ hours after removal time indicated below. This materiel must be returned to refrigeration upon receipt. If delayed in route, return to refrigeration of 36° F to 46° F temperature.					
REMOVED FROM REFRIGERATION			RETURNED TO REFRIGERATION		
DATE	HOUR	PLACE	DATE	HOUR	PLACE
NOTE: FAILURE TO COMPLY WITH INSTRUCTIONS MAY ENDANGER LIVES.					
DO NOT FREEZE or allow to be subjected to temperature above 95° F at any time. If materiel has been frozen or if temperature has exceeded 95° F refrigerate immediately. Report details by fastest means to Defense Supply Center Philadelphia (DSCP), Directorate of Medical Materiel, 700 Robbins Avenue, Philadelphia, PA 19111-5092. Document discrepancies in accordance with AR 55-38/NAVSUP PUB 459/AFM 75-34/MCOP 4610.19/DLAR 4500.15. DO NOT issue or destroy materiel until disposition instructions are received from DSCP.					
DD Form 1502-2, ***** Previous editions are obsolete.					

Figure 34. DD Form 1502-2
Limited Unrefrigerated Medical material Shipment
All FSCs

(bb) DSCP Form 2770-2(Notice for Limited Unrefrigerated Medical Material Shipments). This notice provides instructions for reporting potential discrepancies, and shall be supplied inside each exterior (shipping) container. See figure 35.

NOTICE FOR LIMITED UNREFRIGERATED MEDICAL MATERIAL SHIPMENTS

**IF SHIPMENT IS RECEIVED BEYOND THE REQUIRED DELIVERY DATE,
OR IF THE MATERIAL MAY HAVE BEEN EXPOSED TO TEMPERATURES
OVER 96°F OR BELOW 32°F, TAKE THE FOLLOWING ACTIONS:**

1. Place the material in chill space (Refrigeration temperature 36°F to 46°F.
2. Suspend the material from issue and use and report discrepancy on SF 361 (DISREP) or SF 364 (SDR) as appropriate, to:

Defense Supply Center Philadelphia, DLA
Directorate of Medical Materiel
ATTN: DSCP-MGAC
700 Robbins Avenue
Philadelphia, PA 19111-5092

3. As an alternate, report discrepancy electronically at: <https://www.daas.dla.mil/websdr/>.

4. Include the following data in the report (Use separate reports for each item.):

- | | |
|--|--|
| <p>(a) National Stock Number, National Drug Code, or Product/Part Number</p> <p>(b) Complete nomenclature</p> <p>(c) Name of manufacturer</p> <p>(d) Lot (control) number(s)</p> <p>(e) Contract and/or requisition number(s)</p> <p>(f) Total dollar value</p> <p>(g) Quantity</p> <p>(h) Present storage condition</p> | <p>(i) Temperature or adverse storage condition existing during shipment; also furnish environmental temperature at time of receipt</p> <p>(j) Nature of complaint</p> <p>(k) Name of last known carrier from which materiel was received and final destination for shipment</p> <p>(l) TCN or GBL number(s)</p> <p>(m) Date and hour materiel delivered by carrier</p> <p>(n) Date and hour materiel returned to refrigeration</p> <p>(o) Other details concerning condition of materiel – origin of shipment (<i>depot or contractor's name</i>), <u>all entries</u> recorded on orange shipping label(s).</p> <p>(p) Name, location, telephone number (DSN and commercial with area code), and email address of person most familiar with this situation.</p> |
|--|--|

5. **DO NOT** issue or destroy materiel until disposition instructions are received from DSCP.

6. Attach the following to the SF-361 or SF-364 (see online instructions if submitting electronically):

- (a) DD Form 1502-2 label (remove from package).
- (b) Copy of GBL and/or copy of carrier's delivery document.
- (c) Copy of the Report of Shipment (REPSHIP) if received electronically (or information furnished if REPSHIP received by telephone).

DSCP FORM 2770-2, September 2005 (Interim)

PREVIOUS EDITIONS OBSOLETE

Figure 35. DSCP Form 2770-2
Notice for Limited Unrefrigerated Medical Material Shipment
All FSCs

(4) Questions. For assistance regarding perishable forms, contact the point of contact listed in para. VII via email.

F. DVD, SPEDE and EDI requirements.

1. General. For contractor/vendor-originated shipments of medical material in response to DVD, SPEDE and EDI requirements, material shall be marked as specified in the contract/purchase order and/or SOW.

2. Military shipping label. A bar-coded military shipping label shall be supplied on each exterior (shipping) container and/or unitized load for all OCONUS shipments, unless otherwise specified in the contract/purchase order and/or SOW. Complete technical requirements for the military shipping label are contained in MIL-STD-129, paras. 4.2 through 4.2.3, as applicable. See figure 9 for a sample completed military shipping label.

3. Special handling. For materiel requiring special handling (i.e., protected cargo, hazardous, perishable, etc.) required markings as specified in the contract/purchase order and/or SOW and as specified herein shall apply.

4. Medical HAZMAT. Medical HAZMAT shall be packaged, marked and labeled in accordance with applicable domestic and international transportation regulations. See para. V.E.13. for applicable requirements.

5. Shipper's Declaration for Dangerous Goods. The form is available from commercial vendors specializing in HAZMAT transportation supplies. The form must meet the format, size and color specifications outlined in IATA Dangerous Goods Regulation, Section 8-documentation, and shall be prepared in accordance with each modal requirement for each segment of the shipment. A minimum of 3 completed original forms shall be supplied with each shipment. Each completed original form shall have vertical red borders and shall be signed by the certifying official. See figure 23 for a copy of the form.

G. Kitting requirements.

1. General. Contractor/vendor-originated shipments of medical material in support of the kitting mission shall require minimum markings, as specified herein and in the contract/purchase order and/or SOW.

2. Unit. Each unit shall be marked in accordance with all applicable regulatory requirements. Markings shall include the applicable shelf life markings. Shelf life markings shall include the lot (control) number and the date of manufacture prefixed by "MFD", expiration date, inspection/test date shown as "INSP/TEST DATE 6/2016", as applicable.

3. Exterior (shipping) container. As a minimum, markings on each exterior (shipping) container shall include the following, as applicable:

QUANTITY AND UNIT OF ISSUE (EX. "1 PG")
SHELF LIFE REQUIREMENTS
CONTRACT NUMBER INCLUDING CALL NUMBER
TRANSPORTATION CONTROL NUMBER (TCN)
BUILD DIRECTIVE NUMBER (BDN)
SHIP TO/MARK FOR ADDRESS
SUPPLIER'S NAME AND ADDRESS

H. Prime vendor requirements.

1. General. For all shipments under the prime vendor program, materiel shall be marked as specified in the prime vendor contract. For non-pharmaceutical healthcare products, marking shall include a Universal Product Number (UPN) bar code.

2. Military shipping label. When required in the contract/purchase order and/or SOW, a bar-coded military shipping label shall be supplied on each exterior (shipping) container and/or unitized

load. Complete technical requirements for the military shipping label are contained in MIL-STD-129, paras. 4.2 through 4.2.3, as applicable. See figure 9 for a sample military shipping label.

3. Special handling. For materiel requiring special handling (i.e., protected cargo, hazardous, perishable, etc.) additional markings in accordance with commercial practice and as specified in the prime vendor contract shall apply.

4. Medical HAZMAT. Medical HAZMAT shall be packaged, marked and labeled in accordance with applicable domestic and international transportation regulations. A current SDS shall accompany each shipment. Each commercial and air shipment of HAZMAT shall be accompanied by a properly prepared standard commercial "Shipper's Declaration for Dangerous Goods". In addition, packaging, marking and labeling of hazardous material destined for shipment on military aircraft shall comply with AFMAN 24-204(I)/TM 38-250/NAVSUP PUB 505/MCO 4030.19/DLAI 4145.3.

5. Shipper's Declaration for Dangerous Goods. In addition to all requirements as specified herein, each shipment via commercial or military air shall be accompanied by a properly completed standard commercial "Shipper's Declaration for Dangerous Goods", which is available for purchase from commercial vendors specializing in HAZMAT transportation supplies. The form shall have vertical red borders and shall meet the format, size and color specifications outlined in IATA Dangerous Goods Regulation, Section 8-documentation. Each shipment of HAZMAT shall be accompanied by a shipper's declaration for dangerous goods, properly prepared in accordance with each modal requirement for each segment of the shipment. A minimum of 3 completed original forms shall be supplied with each shipment. Each completed original form shall be signed by the certifying official. See figure 23 for a copy of the form.

I. UPN.

1. The Government requires all medical/surgical items to have a Universal Product Number (UPN) assigned by the original manufacturer or private labeler. The UPN can meet one of three acceptable commercial industry standards. Medical product manufacturers can select either the Health Industry Business Communication Council's (HIBCC) LIC standard, the Uniform Code Council's (UCC) SSC-14 format, or the Food and Drug Administration's National Drug Code (NDC). The bar-coded UPN shall be included on all labels, as applicable.

2. The UPN is a machine-readable bar code and is the single ordering number for a non-pharmaceutical healthcare product being supplied through the Medical Prime Vendor Program. Each UPN, which consists of the manufacturer's identifier and product identification number, is unique to a manufacturer's specific product, and cannot be duplicated. At the manufacturer's option, each UPN may conform to either the Uniform Code Council (UCC) or Health Industry Business Communication Council (HIBCC) primary data structure.

3. The UPN requirement is not applicable to non-prime vendor shipments of medical material to military supply depots and to medical treatment facilities. However, containers marked with the UPN are acceptable, provided all required markings as specified herein and in the contract/purchase order and/or SOW, including the NSN, are supplied.

VI. REDIRECTION/DIVERSION REQUIREMENTS FOR OCONUS SHIPMENTS

A. General.

1. This section is applicable to OCONUS shipments which are being redirected/diverted through the Defense Transportation System. It does not apply to routine shipments made from the supplier directly to the OCONUS customer, unless otherwise specified. These marking requirements are included in this document for information purposes only. In the event of a conflict between the text of

this document and the requirements specified in the applicable contract/purchase order and/or SOW, the requirements as specified in the contract/purchase order and/or SOW shall take precedence.

2. It may become necessary to route OCONUS shipment(s) through the Defense Transportation System (DTS). When this happens, properly packaged material shall be marked in accordance with the redirection/diversion requirements as specified in the contract/purchase order.

B. Labeling and marking.

1. General information. For all OCONUS shipments redirected/diverted to/through Defense Distribution Depots, Aerial Ports of Embarkation, Prepositioned Ship Operations sites, or the Norfolk, VA Container Freight Station, packages of medical material shall be marked and labeled in accordance with the contract/purchase order and/or SOW and as specified herein for Military items.

2. Special handling. Labeling and marking for items requiring special handling, i.e., hazardous, perishable, and sensitive/controlled/pilferable materiel shall be in accordance with applicable regulations and as specified herein.

3. Documentation. The shipper shall provide all necessary documentation to speed the processing of materiel through the customs process.

4. Packing list.

a. Requirements. A packing list shall accompany each order. The packing list shall include the name of the shipper, the contract/purchase order number, date of order, itemized list of shipped items by product number, quantity ordered, quantity shipped, delivered unit price, and the total delivered cost for the order. The product number used in both the order and confirmation must be duplicated on the packing list. The packing list must be in identical sequence to the delivery order placed by the ordering facility. The delivered unit price will reflect two decimal places (the third decimal place will be rounded down for "4" and below, and will be rounded up for "5" and above). DD Form 250 or a commercial equivalent may be used as the packing list. See figure 9 for an example of the DD Form 250.

b. Linear bar codes. The packing list shall also include linear bar codes. Bar codes may be printed directly on the packing list, or, as an alternate, printed on a pressure-sensitive label which is securely affixed to the packing list. The following lines of bar-coded data, together with human readable interpretation, shall be provided on the packing list, in the format as shown in figure 36.:

- 1st bar code: Document number and suffix (in absence of document number, the contract/purchase order number)
- 2nd bar code: NSN (or in absence of NSN, the CAGE and PN)
- 3rd bar code: S9M (ICP RIC), 2-position unit of issue, 5-position left zero-filled quantity condition code (shown as "A" unless otherwise specified) 2-position left-zero-filled distribution code and 6-position left zero-filled unit price.

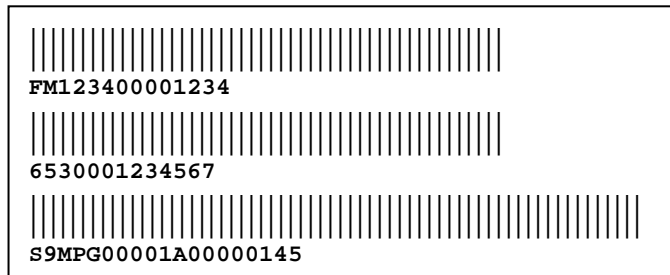


Figure 36. Packing List - Linear Bar Codes
All FSCs

5. Military shipping label. A military shipping label shall be supplied on the marked side of the exterior (shipping) container and shall not interfere with any required markings. If adequate space is not available on the marked side, the military shipping label shall be placed on the opposite side. However, when the shipment requires unitization, the military address label need only be supplied on one of the marked sides of the unitized load.

a. Bar codes. Bar codes shall be required on the military shipping label. Both linear and 2D bar codes shall be supplied.

(1) Linear bar code. Each linear bar code on the military shipping label shall be one-half inch high and shall be accompanied by the human readable interpretation. Linear bar codes shall include the following:

- 1st bar code: TCN (in the absence of a TCN, the contract/purchase order number)
- 2nd bar code: Piece number - **Do not left zero-fill.**
- 3rd bar code: DoDAAC for the ultimate consignee/mark for consignee

Sample military shipping label linear bar codes are shown in figure 37.

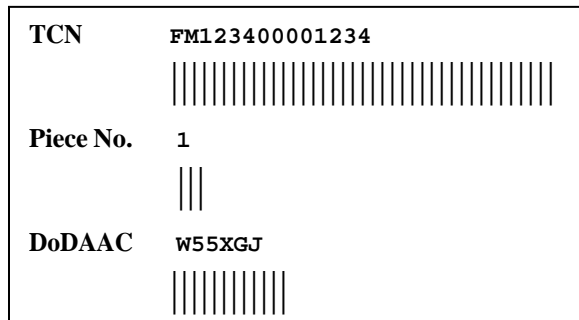


Figure 37. Military shipping Label - Linear Bar Codes
All FSCs

(2) 2D bar codes. The 2D bar code elements shall include document number and suffix (in absence of document number, the contract/purchase order number), NSN (or in absence of NSN, the CAGE and PN), S9M, 2-position unit of issue, 5-position left zero-filled quantity, condition code (shown as "A" unless otherwise specified) 2-position left-zero-filled distribution code and 6-position left zero-filled unit price. See figure 38 for a sample 2D bar code.



Figure 38. Military shipping Label - 2D Bar Code
All FSCs

b. Military shipping label. A properly completed, bar-coded military shipping label shall be required for each shipment. See figure 39 for sample military shipping label and locations of required bar codes.

TCN SW81238350D001XXX 			
From SW8123 In-the-clear Address 3 Lines Max, 35 Characters Per Line XXXXXXXXXX1XXXXXXXXXX2XXXXXXXXXX3XXXXXX		TAC / Type Service / Postage F8WR Fr LTL	
Piece 1 Of 1 	Weight (lb.) 7760 Cube (ft.) 385	Date Shipped 1090 Project 9BU	RDD 999 Priority 1
Ship To / POE DOV	In-the-clear Address 5 Lines Max, 35 Characters Per Line Abcdefg Hijklmno Pqrstuv Wxyz Abcdefg Hijklmno Pqrstuv Wxyz XXXXXXXXXX1XXXXXXXXXX2XXXXXXXXXX3XXXXXX		
POD RMS	MSL, Supply, & TCMD Data 		
FMS Case CKM			
DLA Data ABD77ZR Dest: 30D135 CD: Spur:			
W55XGJ 	Ultimate Consignee / Mark For Consignee Ultimate / Mark For Consignee Address 5 Lines Max, 35 Characters Per Line Abcdefg Hijklmno Pqrstuv Wxyz Abcdefg Hijklmno Pqrstuv Wxyz XXXXXXXXXX1XXXXXXXXXX2XXXXXXXXXX3XXXXXX		

Figure 39. Military shipping Label
All FSCs

7. Material requiring special handling.

a. In addition to all markings as specified in the contract/purchase order and/or SOW, and as specified herein, to insure that the receiving activity can properly identify items requiring special handling and storage, the vendor shall annotate the packing list with the following notation: "REQUIRES SPECIAL HANDLING AND/OR STORAGE" together with the applicable special handling and/or storage legend(s). In addition, the vendor shall mark the shipping (exterior) container with applicable special handling marking, storage legends, and/or pictorial markings. statements, in addition to labeling and marking as specified herein. Details and expels of markings and legends are available in para. V.E.14.b. Examples of acceptable pictorial markings may be found in ASTM D 5445.

b. All protected cargo (i.e., sensitive/controlled/pilferable items) regardless of whether the item is classified as either Schedule II, III, IV or V, shall be shipped via traceable means. Signature service shall be used for all shipments of protected cargo.

8. Perishable items.

a. Properly packaged perishable items require proper marking in order to insure that the requiring temperature is maintain during shipment and storage.

b. Complete details regarding marking required for shipment of perishable items are specified in para. V.E.14.g. and subparagraphs.

9. Protected cargo.

a. Complete details regarding marking required for shipment of protected cargo are specified in para. VI.B.9. and subparagraphs, as applicable.

b. Signature service shall be used for all shipments of protected cargo.

c. Hazardous protected cargo. The requirements specified in para. V.E.13. shall apply to any shipment of a sensitive, controlled, or pilferable item which is also identified as hazardous material.

10. HAZMAT.

a. Requirements. Shipments of HAZMAT must be properly packaged, labeled, marked and certified in accordance with all applicable regulatory requirements, as specified in para. V.E.13. and subparagraphs.

b. OCONUS shipments. In addition to all specified requirements, all OCONUS shipments redirected/ diverted through the DTS for shipment via military aircraft shall comply with AFMAN 24-204(I)/TM 38-250/NAVSUP PUB 505/MCO 4030.19/DLAI 4145.3. These shipments are identified with Ship To Addresses to the Container Consolidation Points at: Defense Distribution Depot, Susquehanna, PA (DODAAC: W25N14, RIC: SDQ, SPLC: 209405270) or Defense Distribution Depot, San Joaquin, CA (DODAAC: W62N2A, SPLC: 875702270); to the Norfolk, VA Container Freight Station (DODAAC: N45631, POE: IMJ, RIC: None found); or to the USAF Aerial Ports of Embarkation at Norfolk, VA (DODAAC: N45627, RIC: None found), Dover Air Force Base, DE (DODAAC: FB4497, RIC: DJN), Charleston Air Force Base, SC (DODAAC: FB4418, RIC: DKY) or Travis Air Force Base, CA (DODAAC: FB4427, RIC: DZK).

c. SDS's. The vendor shall maintain a file of all applicable SDS's and HWLs from suppliers, and shall furnish all applicable SDS's and HWLs to the customer with each shipment of HAZMAT, as well as to DLA Troop Support, ATTN: FSFB (Packaging). upon receipt of applicable items. The shipper shall furnish the customer with all applicable SDS's with each shipment of hazardous material. The shipper shall also assure that all hazardous material is labeled correctly. A copy of each SDS, annotated with the item name and either the National Stock Number (if available) or the commercial part number, shall be provided to DLA Troop Support, ATTN: FSFB (Packaging). In addition, SDS's will be provided to the DLA Troop Support Contracting Officer, upon request.

d. Protected cargo. The requirements specified in para. V.E.9. shall apply to any shipment of a sensitive, controlled, or pilferable item which is also identified as hazardous material.

e. Shipper's Declaration for Dangerous Goods. In addition to all requirements as specified herein, each shipment via commercial or military air shall be accompanied by a properly completed standard commercial "Shipper's Declaration for Dangerous Goods", which is available for purchase from commercial vendors specializing in HAZMAT transportation supplies. The form shall have vertical red borders and shall meet the format, size and color specifications outlined in IATA Dangerous Goods Regulation, Section 8-documentation. Each shipment of HAZMAT shall be accompanied by a shipper's declaration for dangerous goods, properly prepared in accordance with each modal requirement for each segment of the shipment. A minimum of 3 completed original forms shall be supplied with each shipment. Each completed original form shall be signed by the certifying official. See figure 23 for a copy of the form.

C. Shipping and labeling instructions for OCONUS shipments diverted into the Defense Distribution Depots.

1. Labeling and marking requirements. All shipments shall be labeled and marked as specified in the contract and/or purchase order and as specified herein.

2. Destination labeling requirements. The correct DODAAC and the name of the Medical Ordering Facility shall be shown on the inner package, the packing list, and the military shipping label.

Each exterior (shipping) container and or unitized load shall have a completed, bar-coded military shipping label firmly affixed to the container, as specified herein. The DODAAC is used to identify the ultimate consignee. Without a DODAAC, a shipment may end up as frustrated cargo, especially at a transshipment point. The "SHIP TO" address is the transshipment point. The "MARK FOR" entry is required to identify the ultimate destination.

D. Transshipment points.

1. For shipments going to CENTCOM (Oman), EUCOM, JFCOM and SOUTHCOM, the transshipment points are as follows:

Routine Medical Shipments – NORMAL CARGO

SHIP TO:
Defense Distribution Depot Susquehanna Site East
Bldg 2001 (Mission Drive)
CCP Doors 135-168
New Cumberland, PA 17070-5000

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Hazardous Medical Shipments

SHIP TO:
Defense Distribution Depot Susquehanna Site East
Bldg 87 (Mission Drive)
New Cumberland, PA 17070-5000

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Refrigerated Medical Shipments

SHIP TO:
Defense Distribution Depot Susquehanna Site East
Bldg. 12, Door 8
5450 Carlisle Pike
Mechanicsburg, PA 17055-0789

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Controlled Substances (Medical)

SHIP TO:
Defense Distribution Depot Susquehanna Site East
Bldg 12, Door 8
5450 Carlisle Pike
Mechanicsburg, PA 17055-0789

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

2. For shipments to PACOM, the transshipment point is as follows:

Routine Medical Shipments – NORMAL CARGO

SHIP TO:
Defense Distribution Depot San Joaquin
Warehouse 30
25600 S. Chrisman Road
Tracy, CA 95376

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Hazardous Medical Shipments

SHIP TO:
Defense Distribution Depot San Joaquin
Warehouse 28
25600 S. Chrisman Road
Tracy, CA 95376

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Refrigerated Medical Shipments

SHIP TO:
Defense Distribution Depot San Joaquin
West Coast MEDEX, Warehouse 17-5
25600 S. Chrisman Road
Tracy, CA 95376

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

Controlled Substances (Medical)

SHIP TO:
Defense Distribution Depot San Joaquin
Warehouse 19-3
25600 S. Chrisman Road
Tracy, CA 95376

MARK FOR: *(Fill in the DODAAC and the name of the medical ordering facility.)*

3. The applicable transshipment point will be as specified in the contract/purchase order and/or SOW.

E. Shipments redirected/diverted through military air terminals. In addition, when shipments are redirected/diverted through a Military Air Terminal, the following shipping instructions shall also apply:

1. All suppliers who ship to overseas medical facilities by military air **must** call for an air clearance.

2. Shippers must obtain permission to ship controlled substances by military air. If approved, Signature Tally Service is required. Approval can be obtained when calling for an air clearance (See para. VI.E.3.).

3. It is **mandatory** that all shipments to Air Mobility Command (AMC) air channels obtain shipment clearance from the Service Air Clearance Authority **24 hours prior to arrival**. To obtain clearance, the shipper must contact Enterprise Transportation (ET) at (800) 456-5507, fax (717) 770-2701, email delivery@dla.mil, and provide the following information:

- a. DoDAAC (ET will provide a Transportation Control Number (TCN)).
- b. Date of shipment, mode and number of days enroute.
- c. Number and type of containers, weight and cube.
- d. Special handling instructions (e.g., perishable, hazardous, etc.).

4. The shipper will also be asked to complete a request form and fax it to ET. See figure 40 for a sample of the ET request form.

5. Once ET has received the shipping information from the contractor, ET will email or fax the contractor a Transportation Control Movement Document (TCMD). The TCMD shall be affixed to the outside of the exterior (shipping) container or, as an alternate, shall be inserted into a pouch which is securely affixed to the box.

6. When the air clearance has been obtained, ET will provide the contractor with the applicable AMC channel address. AMC channels are as follows:

EUCOM, CENTCOM, JFCOM and SOUTHCOM:

FB4418
Charleston AFB, SC

Officer in Charge
Air Freight Terminal
Bldg. 178
Charleston AFB
Charleston, SC 29404
(843)963-3187/3188

FB4497
Dover AFB, DE

Air Freight Terminal
505 Atlantic
Dover AFB, DE 19902
(302)677-4272/4273

FB4484
McGuire AFB, NJ

Traffic Management Office
Bldg 1702
Vandenberg Ave. Bay 2
McGuire AFB, NJ 08641
(609)724-3434/2228

N45627
Norfolk NAS, VA

Naval Air Terminal Norfolk
8449 Air Cargo Road Bldg.
LP-205
Norfolk, VA 23511-4997

PACOM:

FB4427
Travis AFB, CA

Traffic Management Office
Bldg. 977
90 Ragsdale Road
Travis AFB, CA 94535

ET REQUEST FORM

Vendor Request for Shipping instructions DDC Supply Chain Transportation					FAX: 717-770-2701 PHONE: 1-800-456-5507 E-MAIL: DELIVERY@DLA.MIL		
Vendor Data		NON-ESOC <input type="checkbox"/> ESOC <input type="checkbox"/>	Requestor Email:				
Company Name			CAGE:	Requestor Name:			
Origin Shipping Address:			Requestor Phone No:				
			Requestor Fax No:				
Data to Process Shipping requests:			CONTRACT NUMBER:			Delivery Order Number:	
NSN:			RDD:			Priority:	
Supplemental Address:			Signal Code:			Project Code:	
INFORMATION BELOW IS ACCORDING TO SHIPMENT UNIT, IE., BAG, BOX OR SKID			Requisition Number/TCN:				
IF YOU HAVE MULTIPLE SHIPMENT UNITS, EACH MUST HAVE THE QUANTITY WITHIN THE UNIT AND EACH UNIT MUST BE LISTED SEPERATELY							
If you are packing more than one clin in a unit, list all clin within that unit	Clin or Item Number:	Type of Shipment Unit	Quantity In Each Shipment Unit	Weight of the Shipment Unit	Dimensions (In Inches)		
					Length	Width	Height
Unit 1							
Unit 2							
Unit 3							
If you have more than three shipment units, list additional data in the bottom section.							
If a FOB Origin/Non Fast Pay, indicate dates and times material is available for pick-up:							
<input type="checkbox"/>	HAZARDOUS	CLASS	U.N.	PACKING GROUP			
<input type="checkbox"/>	NON-HAZARDOUS	PROPER SHIPPING NAME					

FOR FOB ORIGIN CONTRACTS/NON FAST PAY, ENTER THE APPLICABLE CBL ANNOTATION ON THE BILL OF LADING: If the Government is shown as the consignor or the consignee, the annotation shall be: Transportation is for the Defense Logistics Agency and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by the Government.

If the Government is not shown as the consignor or the consignee, the annotation shall be: Transportation is for the Defense Logistics Agency and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract No. _____ This may be confirmed by contacting Defense Distribution Center, 1-800-456-5507. Note to vendor: Add the name and address of the Contract Administration Office listed in the contract.

Overseas shipment of hazardous materials are to be marked, labeled and certified based upon the final mode of shipment from CONUS. If the shipment is moving through a military aerial port of embarkation, the shipment shall be certified in accordance with the DLAI 4145.3, Preparing Hazardous Material for Military Air Shipments. DLAI 4145.3 is available on the internet at http://www.dscc.dla.mil/downloads/packaging/AFMAN24_204_1.pdf

Shipments moving through surface/water ports shall be certified in accordance with the International Maritime Dangerous Goods (IMDG) Code. **FORM DDC-2010/1**

Figure 40. Vendor Request for Shipping Instructions
DLA Supply Chain Transportation
All Shipments
All FSCs

F. Applicable labels. The following labels may also be required for OCONUS shipments, as specified herein and in the contract and/or purchase order or SOW:

1. Transportation Special Handling/Protective Services. This form is used when a shipment of non-HAZMAT Medical Material requires special handling/protective services. This form is not for use with HAZMAT shipments. See para. V.E.14.f. for details. See figure 28 for a sample of the blank form.

2. Shipper's Declaration for Dangerous Goods. This form is required for all shipments of HAZMAT via commercial or military air. See para. V.E.13.j. See figure 23 for a sample of the blank form.

3. Perishable items. These forms are required for shipments of perishable Medical material. See para. V.E.14.g. for details. See figures 29 through 35 for representative samples of these forms.

4. Additional information. Requests for additional information an/or supplies of forms referenced in this document, may be forwarded via email to the point of contact listed in para. VII.

VII. POINT OF CONTACT

A. For clarification of packaging and marking requirements, to request additional copies of this Marking Standard (document can be provided either in hard copy or electronically), or to information regarding forms and/or to request a supply of specific forms, contact:

DLA Troop Support
ATTN: FSSB (Packaging)
700 Robbins Avenue - Bldg 6A
Philadelphia, PA 19111-5092
VOICE: COMM (215) 737-5534 or 7469 / DSN 444-5534 or 7469
FAX: COMM (215) 737-3120 / DSN 444-3120
E-MAIL: DSCP.Packaging@dla.mil

B. When requesting forms, include in your request the form number(s) and the number of copies desired. For all requests (whether for copies of this Marking Standard or referenced forms), to insure timely delivery, also include your complete mailing address and a point of contact (name, telephone number and/or email address).