

MILITARY STANDARD 129 MARKING AND SHIPPING LABEL REQUIREMENTS

Instructive guidance on compliance with Mil-Std-129R for GSA's vendor partners can be found on the Vendor Support Center Strategic Partner Delivery webpage at: <https://vsc.gsa.gov/administration/spd.cfm>. A copy of Mil-Std-129R is available on the site as well as numerous other guidance documents which are essential to ensuring compliance with Mil-Std-129R.

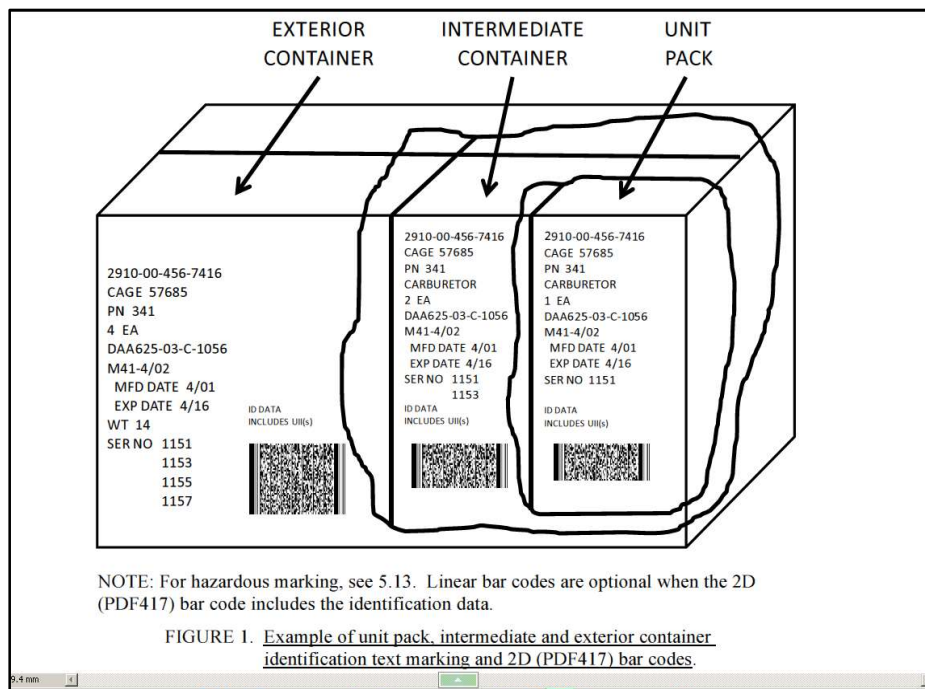
The below guidance provides a brief overview of Mil-Std-129R requirements but is not all inclusive. The information below should only be used as guidance. Where this document deviates from the most current version of Mil-Std-129R, Mil-Std-129R will take precedence. The vendor is responsible for ensuring compliance with the most updated requirements.

Unit and Intermediate Container marking- Barcoded NSN-no dashes, NSN with hyphens, cage code, part number (PN specified in the contract may be the PN assigned by the Government procuring activity or the PN of the actual manufacturer. Letters "PN" or "P/N" shall be used to identify this information), Nomenclature, Quantity and Unit of Issue, Contract number and purchase order number, batch/lot number, Shelf-life marking, **If TCN Number available indicate**. If both the contract number and the purchase order cannot be placed on the label, **place the purchase order number on the label**.

Exterior Containers marking - use the same basic label format as unit containers, but without the item description. In addition the NSN, Purchase Order Number and CAGE Code must also be barcoded. This can be done on one large label, or two smaller labels placed side-by-side.

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FIGURE 1 - UNIT, INTERMEDIATE, AND EXTERIOR CONTAINER MARKING



The following are the basic marking requirements for the unit pack, intermediate and exterior containers from the applicable paragraphs of Mil-Std-129R:

Mil-Std-129R - 5.1.1 Identification text marking on unit packs and intermediate containers.

Unless specifically exempted in the contract or solicitation, the following identification text information shall be marked on all unit packs and intermediate containers, in the order listed. This requirement applies to all unit packs and intermediate containers repacked for shipment by

military installations. Additional identification marking may be required by the contract and shall be placed either below the identification text marking or in a conspicuous location on the identification-marked side of the container. Unit packs used as exterior containers at the time of packaging shall be marked in accordance with **5.1.2**.

- a. NSN/NATO stock number.
- b. CAGE code.
- c. Part number.
- d. Item description or nomenclature.
- e. Quantity and UI.
- f. Contract number or purchase order number
- g. Military preservation method and date of unit preservation
- h. Shelf life.
- i. Serial number(s).

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j. Hazardous materials.

Mil-Std-129R 5.1.2 Identification text marking on exterior containers, palletized unit loads, and unpacked items. (see multiple figures in 5.3. Unless specifically exempted in the contract or solicitation or this standard, the following minimum identification text information shall be marked on all exterior containers, palletized unit loads, and unpacked (loose) items in the order listed:

- a. NSN/NATO
- b. CAGE code
- c. Part number
- d. Item description or nomenclature.
- e. Quantity and UI
- f. Contract number or purchase order number (PIIN).
- g. Military preservation method
- h. Gross weight.
- i. Proper shipping name (PSN) and North American (NA) or United Nations (UN) HAZMAT identification number.
- j. Shelf life.
- k. Serial number(s).
- l. Hazardous materials.

A major show stopper with FAS orders for both export and domestic shipments are not having a properly prepared shipping label. The lack of proper shipping label information can cause frustrated freight at the DOD freight consolidation and overseas forwarding facilities. **The transportation control number (TCN)** is the key element in tracking FAS Distribution Operation shipments and must appear on the shipping label with “in the clear text” and barcode information.

Figure 2 illustrates the minimum information needed to ship our customers’ orders. Figure 3 will indicate the applicable blocks where information can be found on the Order for Supplies or Services Form (GSA Form 3186). Figure 4 demonstrates the preferred location of the MSL on an exterior shipping container. The requirements for the Military Shipping Label (MSL) may be found in Mil-Std-129R Para 5.2.2. The MSL label and format are required by DOD.

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FIGURE 2- MSL IDENTIFICATION MARKINGS

TCN **SW81238350D001XXX**

From **SW8123**
In-the-clear Address
3 Lines Max, 35 Characters Per Line
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Piece **1** Of **1** Weight (lb.) **760** Date Shipped **1090** RDD **999**
Cube (ft.) **385** Project **9BU**

Ship To / POE **DOV** In-the-clear Address
5 Lines Max, 35 Characters Per Line
AbcdelfgHijklmnoPqrstuvWxyz
AbcdelfgHijklmnoPqrstuvWxyz
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

POD **RMS** MSL Supply & TCMD Data
FMS Case **CKM**

W55XGJ Ultimate Consignee / Mark For Consignee
Address
5 Lines Max, 35 Characters Per Line
AbcdelfgHijklmnoPqrstuvWxyz
AbcdelfgHijklmnoPqrstuvWxyz
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

TCN **AWS1EAA\$0D00340XX**

Equipment Description **HELICPR CARGO MH-60K** Serial Number / Package ID
1234567890123

Model **12345ASDFG** Bomber M/N **HQ-123** UIC **1234567** WS1EAA
From **AWA2UC** NSN **8115001682275**

In-the-clear Address
3 Lines Max, 35 Characters Per Line
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Piece **1** Of **1** Weight (lb.) **14000** Length (in.) **1239** TAC **YZZZ**
Cube (ft.) **1200** Width (in.) **123** Project **9BU**
Height (in.) **135** RDD **123**

Ship To / POE **DOV** In-the-clear Address
5 Lines Max, 35 Characters Per Line
AbcdelfgHijklmnoPqrstuvWxyz
AbcdelfgHijklmnoPqrstuvWxyz
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

POD **RMS** MSL Supply & TCMD Data
Commodity/SH **VD**

W44TYH Ultimate Consignee / Mark For Consignee
Address
5 Lines Max, 35 Characters Per Line
AbcdelfgHijklmnoPqrstuvWxyz
AbcdelfgHijklmnoPqrstuvWxyz
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

NOTE: Not actual size. Recommended label size is 4 by 6 inches (10.2 by 15.2 cm).

FIGURE 2A. Generic MSL.

FIGURE 2B. Unit move MSL.

MIL-Std-129R - 5.2.2.3 MSL format. The in-the-clear text and barcode entries shall meet required ANSI/ISO standards listed in section 2 and shall comply with 5.2.2.4 through 5.2.2.8, Appendix A detailed formats, and DTR 4500.9-R, Part II, Chapter 208 requirements. The in-the-clear text and linear (Code 39) barcode human-readable interpretation shall be easily human readable.

a. The MSL shall contain the following information:

(1) TCN. Transportation Control Number	(2) Transportation Account Code (TAC)/Postage.
(3) From. Enter the Consignor DODAAC/CAGE and in-the-clear address	(4) Type Service. In-the-clear text “Ship To” address.
(5) Ship to/POE. Enter an in-the-clear ship to address.	(6) Priority. Enter the applicable priority
(7) POD. Enter three-digit air/water port of debarkation (POD) designator	(8) Project Code. Enter project code, if applicable.
(9) Ultimate Consignee/Mark For Consignee. Enter complete address(es).	(10) Weight (lbs). Enter actual gross weight
(11) RDD. Enter the required RDD code	(12) Cube (ft). Enter the actual cube.
(13) Charges. No known requirement.	(14) Date Shipped. Enter a date (clear)

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(15) FMS Case Number. Enter FMS case.	(16) Piece Number. Enter the piece number.
(17) Total Pieces.	(18) 2D (PDF417) bar code.

FIGURE 3- GSA MILITARY SHIPPING LABEL (MSL) EXAMPLE

<u>INFORMATION AS FOUND ON THE GSA ORDER FOR SUPPLIES OR SERVICES GSA FORM</u> <u>3186</u>

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FIGURE 2 MILITARY SHIPPING LABEL

INFORMATION AS FOUND ON THE GSA
ORDER FOR SUPPLIES OR SERVICES GSA
FORM 3186

VENDOR'S COMPLETE ADDRESS SEE BLOCK 11

"TRANSPORTATION CONTROL NUMBER"
DON'T FORGET TO BARCODE THE TCN
Linear (Code 39) bar codes – See Block 10

YOUR VENDOR CAGE CODE GOES HERE

"TAC" FOR THIS 4 DIGIT CODE – SEE BLOCK 10

TYPE OF SERVICE, (for example, FRT LTL, AIR EXPSS, EXPSS
MAIL, TGBL UB, DPM HHG)

RDD - SEE BLOCK 10

PRIORITY – See Block 10

DATE SHIPPED IS SELF EXPLANATORY – DAY, MONTH, &
YEAR

WEIGHT IS TO THE NEAREST POUND. THE CUBE IS
ROUNDED TO THE NEAREST FEET.

SHIP TO COMPLETE ADDRESS - SEE BLOCK 10

ULTIMATE CONSIGNEE - SEE BLOCK 12 FOR THE
COMPLETE ADDRESS.

SHIP TO COMPLETE ADDRESS - SEE BLOCK 10

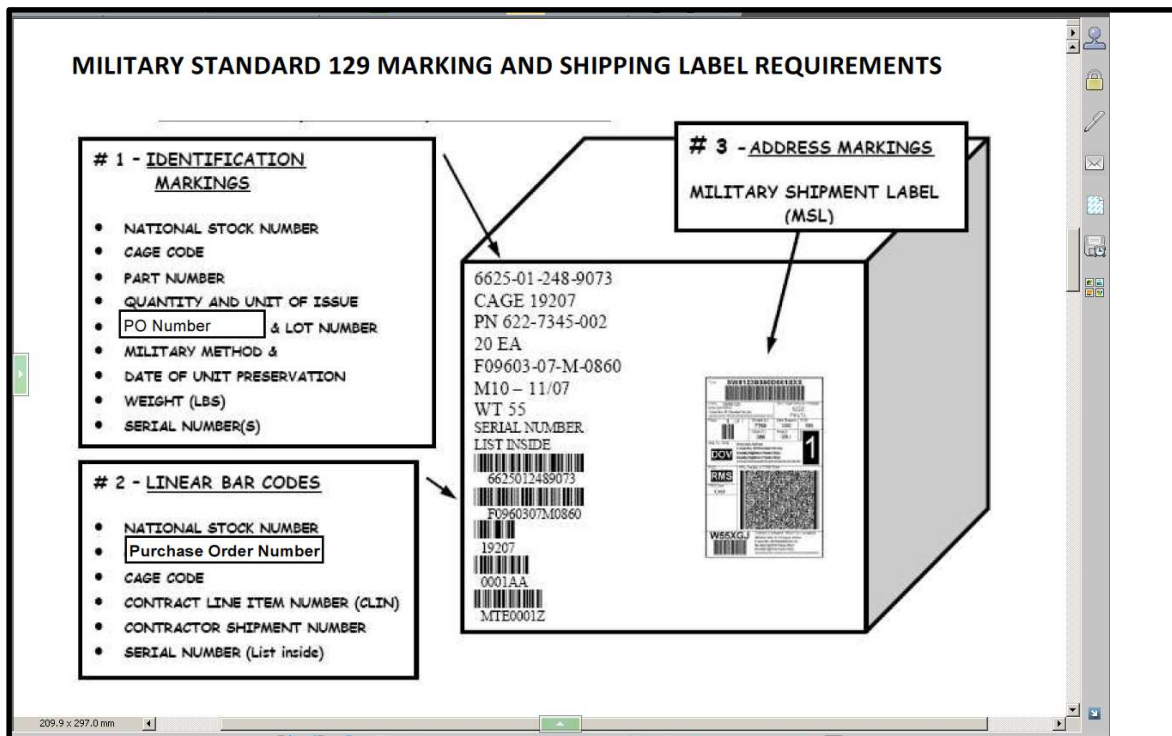
FIGURE 4A - GSA ORDER FOR SUPPLIES OR SERVICES FORM (GLOBAL SUPPLY)

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*27.98		FIRST PASS		GSA FORM 3186	
ORDER FOR SUPPLIES OR SERVICES		1. GSA USE ONLY	Mar 27, 2008 Sent EDI IJH1	2. DATE OF ORDER	Mar 14, 2008
3. ORDER NUMBER		IPN-Z-XS743-SP			
4. FROM General Services Administration		IMPORTANT - A copy of this order or the information in item 10 below MUST accompany shipment.			
HEARTLAND GLOBAL SUPPLY 1500 E. BANNISTER ROAD KANSAS CITY MO 64131		5. INSPECTION/ACCEPTANCE		6. MODIFICATION NUMBER	
ADMINISTRATION BY <input type="checkbox"/> A. ABOVE OFFICE <input checked="" type="checkbox"/> B. 5		A. DESTINATION <input checked="" type="checkbox"/> B. ORIGIN BY REGION <input type="checkbox"/> C. ACCEPTANCE BY <input type="checkbox"/> 7 (See 2811 d. 11a)			
SA. VENDOR WILL <input checked="" type="checkbox"/> DELIVER <input type="checkbox"/> SHIP <input checked="" type="checkbox"/> OR SOONER <input type="checkbox"/> SEE NOTE IN ITEM 12		7. FOR DESTINATION		8. GBL NUMBER	
9. BY May 16, 2008		A. DESTINATION <input checked="" type="checkbox"/> B. ORIGIN <input type="checkbox"/> C. INSIDE DELIVERY <input checked="" type="checkbox"/> D. TAILGATE DELIVERY <input type="checkbox"/>			
10. SHIP TO/REQUIRED MARKING: (CONSIGNEE WC1JU4)		11. TO CONTRACTOR		11	
SEE BLOCK 12 DLA DEFENSE DIST DEPOT TRACY DEPOT TRUCK CONTROL 209-839-4518 / 4519 25600 CHRISHAN ROAD WHESE 30 CCP TRACY CA 95304-5000		(912088100) (912088100) ANY LAB SERVICE RRF 131 LAND CIRCLE CITY, STATE AND ZIPCODE			
MARK FOR		PROG. PRI. RDO. RDD TCN TAC			
TRANSP. CONTR. NO. WC1JU4 5000 0001 X XX		TAG Z9XA		CONTRACT NUMBER FSS-GS-09R-0009M	
(INCLUDE REGISTRATION NUMBER(S) AS SHOWN IN ITEM 12)					
12. REQUISITION NO., ITEM/STOCK NO. AND DESCRIPTION		13. QUANTITY	14. UNIT	15. COST	
*****				A. UNIT PRICE	B. AMOUNT
* -- SHIP TO: ADDRESS IN BLOCK 10 -- *					
* LABEL FOR ULTIMATE CONSIGNEE WK4FLC *					
* 0025 CS BN ORD MAINT CO *					
* SUP DIV DOL BLDG 3030 *					
* 3030 GAFFNEY RD ANCF SSF *					
* FT WAINWRIGHT AK 99703-7000 *					

FIGURE 5 – LOCATION OF THE MSL ON AN EXTERIOR SHIPPING CONTAINER

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Military Shipping Labels (MSLs) are required for all shipping addresses: There are numerous websites vendors can access which will provide an acceptable MSL at a low price.

Mil-Std-129R 5.4.1 Bar code data content specifications (non-ammunition).

5.4.1 Bar code data content specifications (non-ammunition). NOTE: Bar code requirements for container UII/serial number list requirements are in 5.4.1.2.1. Bar code marking requirements for the MSL are in 5.2.2.6 and 5.2.2.7. Bar code marking requirements for the DD Form 1348-1A (Issue Release/Receipt Document) are in 5.12. Bar code requirements for customer direct shipments are in 5.5.

5.4.1.1 Identification bar code content for unit packs and intermediate

- a. The NSN/NATO stock number.**
- b. The UII(s) and assigned serial number(s).**

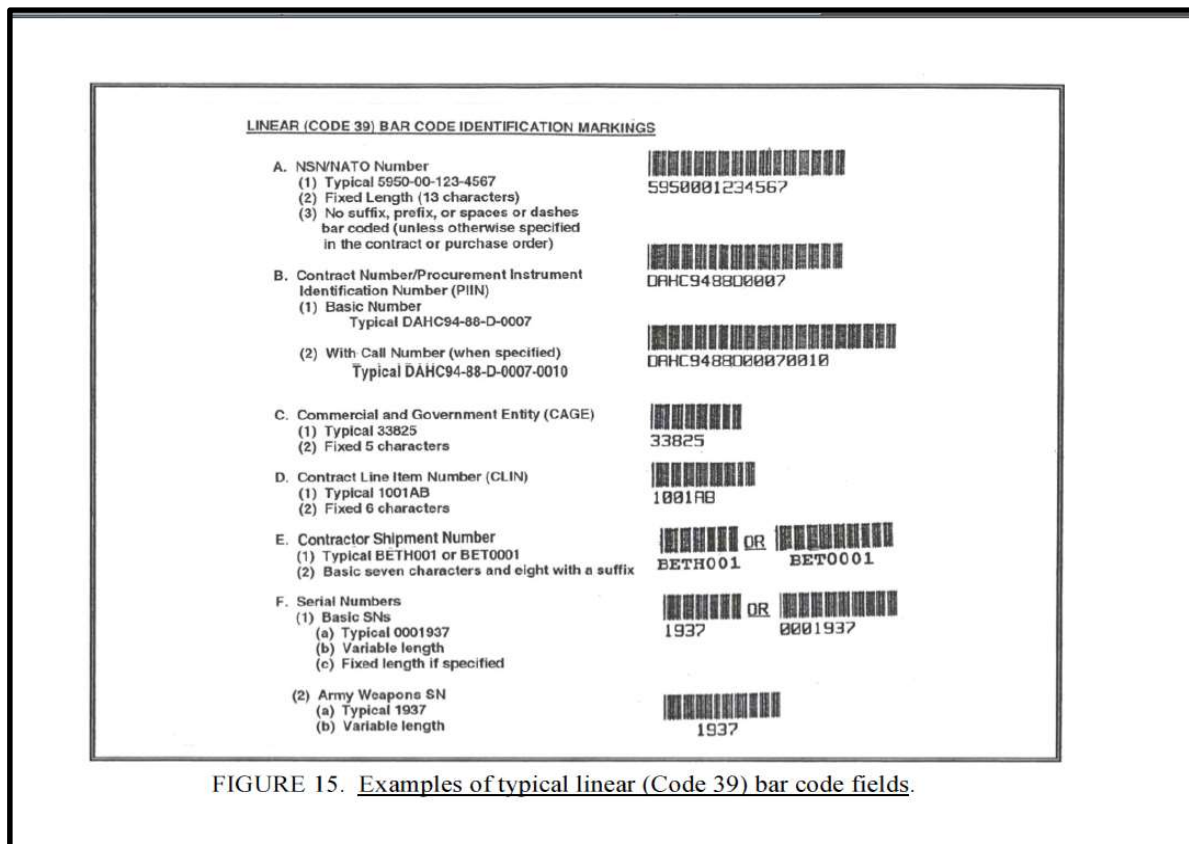
5.4.1.2 Identification bar code content for exterior containers, palletized unit loads, and unpacked items. Exterior shipping containers, palletized unit loads, and unpacked items shall be marked using machine-readable barcodes with the following information:

- a. The NSN/NATO stock number.**
- b. The contract or order number.**
- c. The CAGE code of the company awarded the contract.**
- d. The CLIN.**
- e. The contractor shipment number, when assigned (see DFARS Appendix F, Part 3).**
- f. The UII(s) and assigned serial number(s).**

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NOTE: For linear (Code 39) barcode configurations, see 5.4.2.4 thru 5.4.2.6. For information on the placement of bar code marking see 5.4.5.

FIGURE 6- EXAMPLES OF TYPICAL LINEAR BARCODE (CODE 39) FIELDS



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I have read and understand the Military Marking Requirements and the Military Shipping Label Requirements in accordance with Military Standard 129R (Mil-Std-129R) and will comply with these requirements 100% for all purchase orders issued under subject Contract. I understand that where the guidance above deviates from the most current version of Mil-Std-129R, Mil-Std-129R takes precedence and I will ensure 100% compliance with Mil-Std-129R. NOTE: THERE ARE ADDITIONAL REQUIREMENTS FOR HAZMAT MATERIALS. PLEASE SEE MILITARY STANDARD 129R.

VENDOR NAME: _____ VENDOR DUNS: _____

Vendor Signature

Date