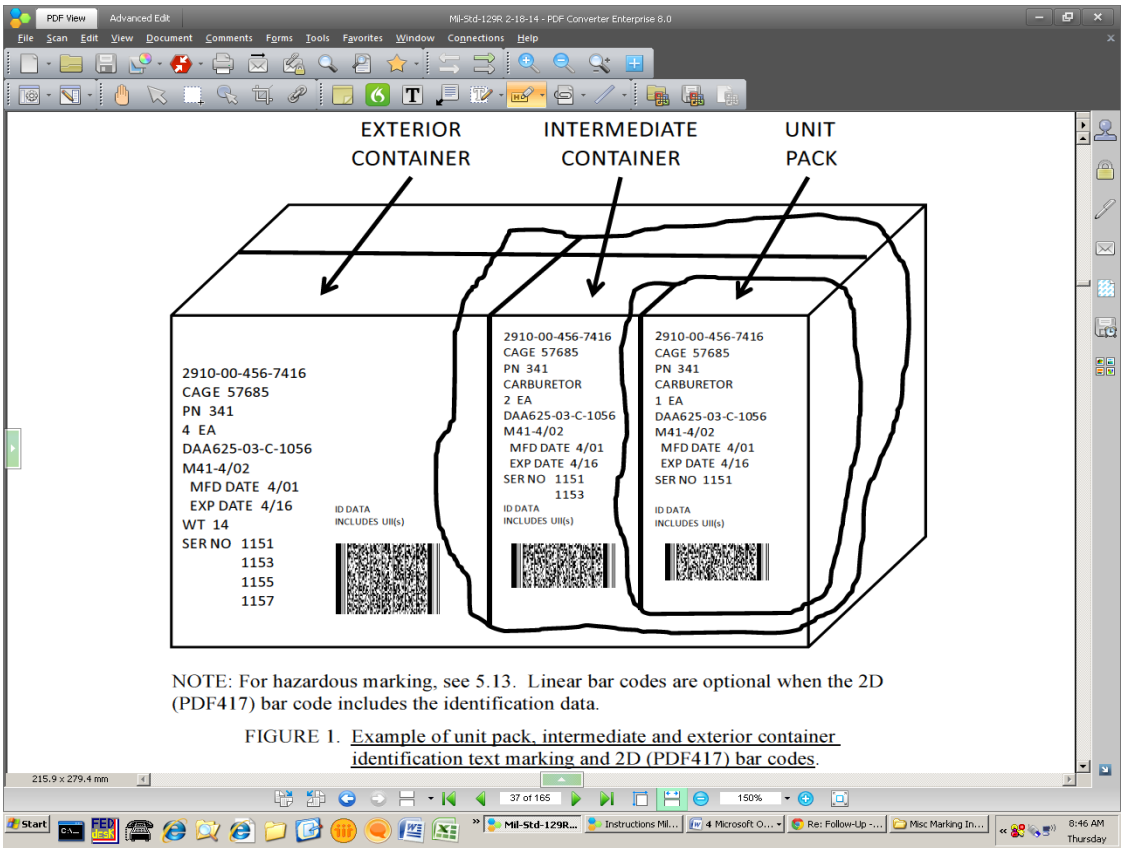
MILITARY STANDARD 129R MARKING AND SHIPPING LABEL REQUIREMENTS (November 2014)

A copy of MIL-STD-129R is available online and can be obtained at the following URL: https://vsc.gsa.gov/Marking_Labeling_Packaging/MIL-STD-129R.pdf. For more detailed instructions refer to the marking guide titled – "MILITARY STANDARD 129R MARKING AND SHIPPING LABEL REQUIREMENTS DETAILED INSTRUCTIONS"

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.

FIGURE ONE: 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 :

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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).
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 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**

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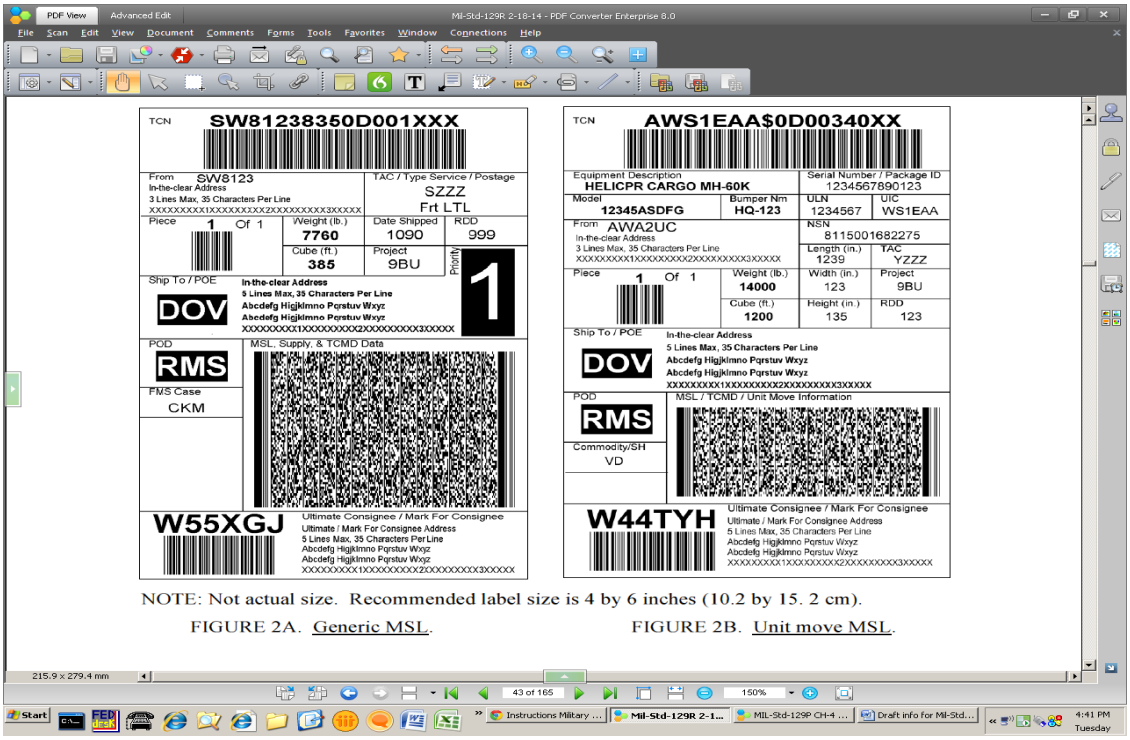
(TCN) is the key element in tracking FAS Distribution Operation shipments and must appear on the shipping label with "in the clear text" and barcode information.

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.

FIGURE 2- MSL IDENTIFICATION MARKINGS



MIL-Std-129R - 5.2.2.3 MSL format. The in-the-clear text and bar code 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) bar code 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	**(8) Project Code**. Enter project code, if

debarkation (POD) designator	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)
(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

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

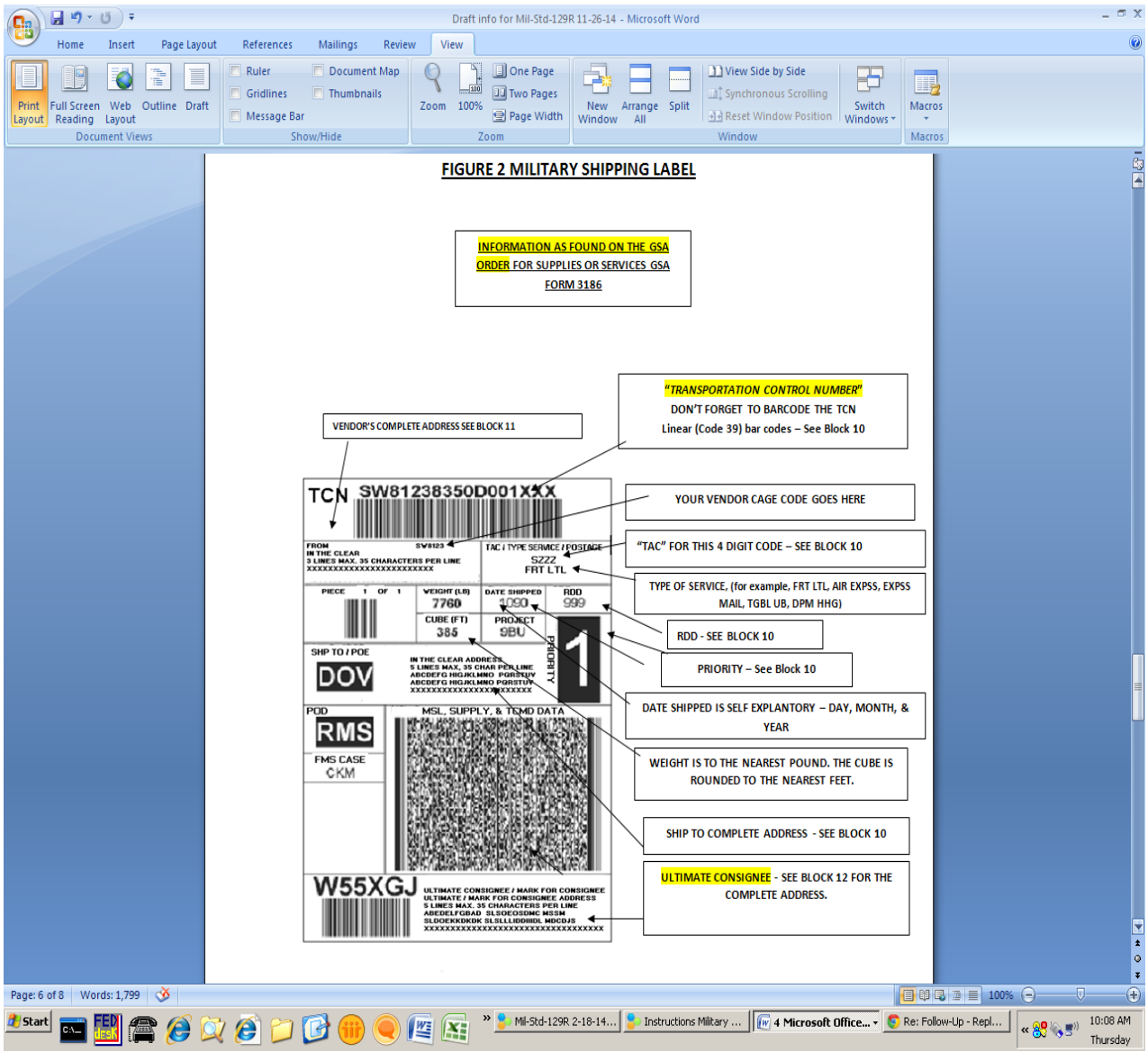


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FIGURE 4A- GSA ORDER FOR SUPPLIES OR SERVICES FORM (GLOBAL SUPPLY)

*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-X8743-SP

4. FROM: General Services Administration
HEARTLAND GLOBAL SUPPLY
1500 E. BANNISTER ROAD
KANSAS CITY MO 64131
(4)

IMPORTANT - A copy of this order or the information in item 10 below MUS' accompany shipment.

5. INSPECTION/ACCEPTANCE (5): [X] A. DESTINATION [ ] B. ORIGIN BY REGION C. ACCEPTANCE BY ▶ 7 (days after delivery)

6. MODIFICATION NUMBER

ADMINISTRATION BY [ ] A. ABOVE OFFICE [X] B. 5

7. F.O.B. DESTINATION (7)
[X] A. DESTINATION [ ] B. ORIGIN
[ ] C. INSIDE DELIVERY [X] D. TAILGATE DELIVERY

8. GBL NUMBER (8)

9A. VENDOR WILL [X] DELIVER [ ] SHIP

9B. BY May 16, 2008 [X] OR SOONER [ ] SEE NOTE IN ITEM 12

10. SHIP TO/REQUIRED MARKING: (CONSIGNEE WC1JU4)
SEE BLOCK 12
DLA DEFENSE DIST DEPOT TRACY DEPOT
TRUCK CONTROL 209-839-4518 / 4519
25600 CHRISMAN ROAD WHSE 30 CCP
TRACY CA 95304-5000
(10)

11. TO CONTRACTOR [X] (Remittance address differ)
(912088100) (912088100)
ANY LAB SERVICE RRF
131 LAND CIRCLE
CITY, STATE AND ZIPCODE
(11)

WORK FOR ▶

PRIO. 02 RDD 085 — RDD

TRACK CONTROL NO ▶ WC1JU4 5000 0001 X XX — TCN

TAC Z9XA — TAC

(INCLUDE REQUISITION NUMBER(S) AS SHOWN IN ITEM 12)

CONTRACT NUMBER ▶ FSS-GS-09R-0009M

12. REQUISITION NO., ITEM/STOCK NO. AND DESCRIPTION (12)	13. QUANTITY	14. UNIT	15. COST A. UNIT PRICE	15. COST 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 AWCF SSF *				
* FT WAINWRIGHT AK 99703-7000 *				
**********				

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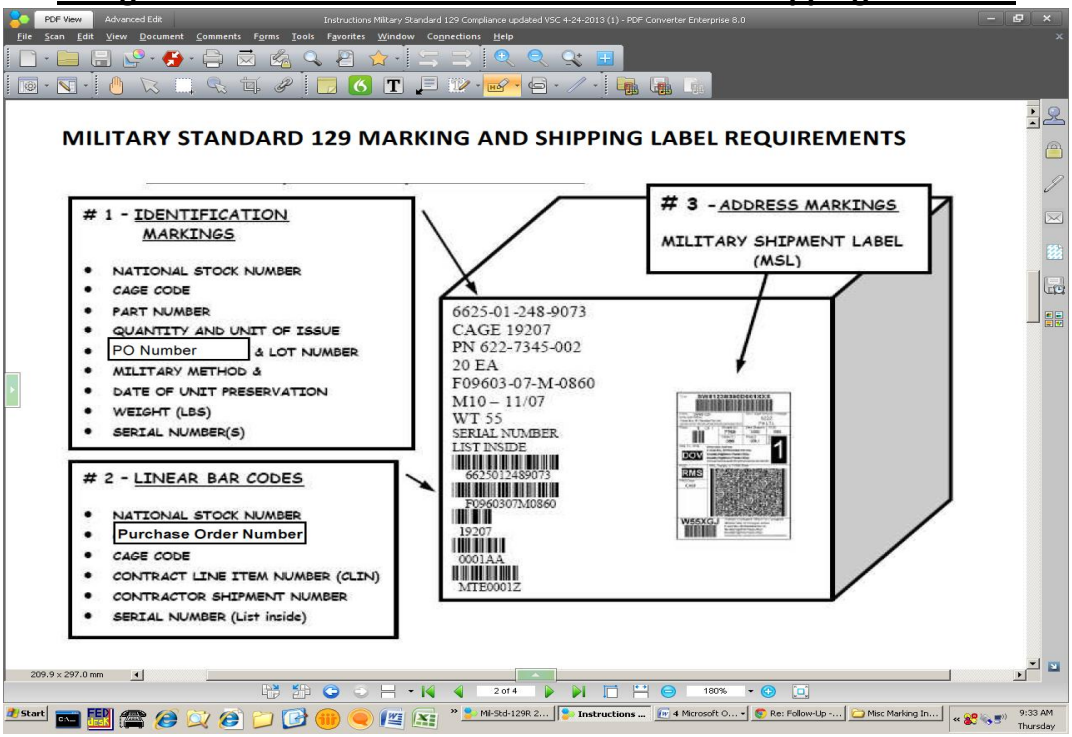
Figure 5 – Location of the MSL on an exterior shipping container



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 bar codes 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).

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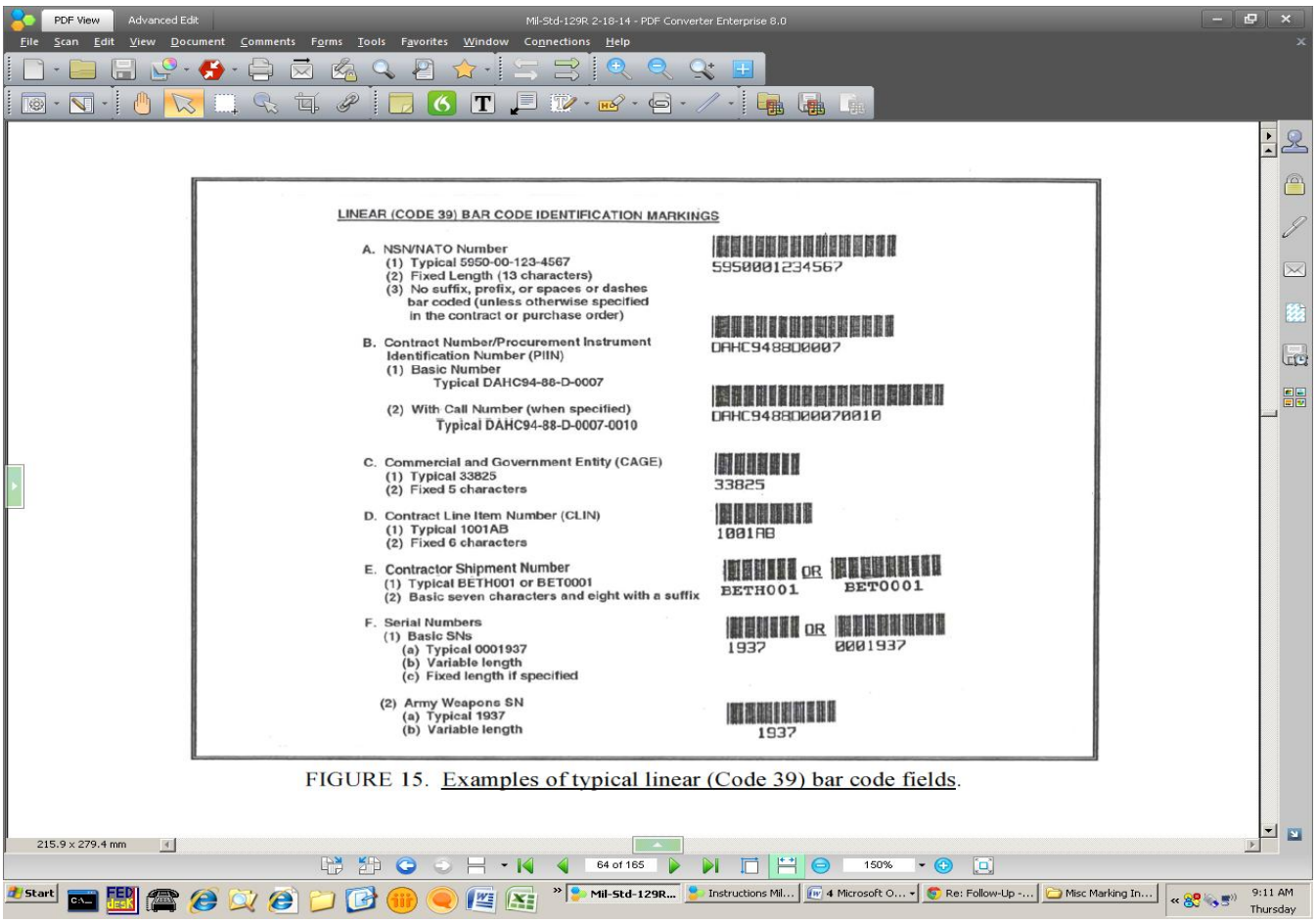
f. The UII(s) and assigned serial number(s).

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

<u>FIGURE 6- EXAMPLES OF TYPICAL LINEAR BAR CODE (CODE 39) FIELDS</u>



LINEAR (CODE 39) BAR CODE IDENTIFICATION MARKINGS

A. NSN/NATO Number
(1) Typical 5950-00-123-4567
(2) Fixed Length (13 characters)
(3) No suffix, prefix, or spaces or dashes bar coded (unless otherwise specified in the contract or purchase order)

5950001234567

B. Contract Number/Procurement Instrument Identification Number (PIIN)
(1) Basic Number
Typical DAHC94-88-D-0007

DAHC94880007

(2) With Call Number (when specified)
Typical DAHC94-88-D-0007-0010

DAHC94880007001 0

C. Commercial and Government Entity (CAGE)
(1) Typical 33825
(2) Fixed 5 characters

33825

D. Contract Line Item Number (CLIN)
(1) Typical 1001AB
(2) Fixed 6 characters

1001AB

E. Contractor Shipment Number
(1) Typical BETH001 or BET0001
(2) Basic seven characters and eight with a suffix

BETH001 OR BET0001

F. Serial Numbers
(1) Basic SNs
(a) Typical 0001937
(b) Variable length
(c) Fixed length if specified

1937 OR 0001937

(2) Army Weapons SN
(a) Typical 1937
(b) Variable length

1937

FIGURE 15. Examples of typical linear (Code 39) bar code fields.

I have read and understand the Military Marking Requirements and the Military Shipping Label Requirements in accordance with Military Standard 129R and will comply with these requirements 100% for all purchase orders issued under subject Contract. NOTE: THERE ARE ADDITIONAL REQUIREMENTS FOR HAZMAT MATERIALS. PLEASE SEE MILITARY STANDARD 129R.

VENDOR NAME: _____ VENDOR DUNS: _____

Vendor Signature Date