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IN REPLY
REFER TO

DLMSO

February 1, 2007
(Corrected Copy 2/8/07)

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 221, DLMS Enhancement for Communication of Unit Price and Total Price (Supply/MILSTRIP) (Staffed as PDC 222)

The attached change to DOD 4000.25-M, DLMS, and DOD 4000. 25-1-M, Military Standard Requisitioning and Issue Procedures (MILSTRIP), is approved for phased and staggered implementation beginning no sooner than 6 months from the above date. Components undergoing modernization should plan to accommodate the expanded field sizes identified in this document. DAASC changes to accommodate transition will be effective within 6 months. Components have 6 months from the above date to ensure that automated information technology (AIT)-facilitated processes and DLMS transactions incorporating the expanded unit price field length authorized in this ADC will not trigger a fatal error pending full implementation or modernization.

The updated DLMS Supplements will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site http://www.dla.mil/j-6/dlmso/elibrary/TransFormats/formats.asp within 15 days from the above date for implementation planning.

Addressees may direct questions to the DLMSO points of contact, Ms. Ellen Hilert, Chair, Supply Process Review Committee, 703-767-0676, DSN 427-0676, or e-mail: ellen.hilert@dla.mil, Mr. Robert Hammond, 703-767-2117, DSN 427-2117 or email: robert.hammond@dla.mil. Others must contact their Component designated representative.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

cc:
DUSD (L&MR) SCI
UID Program Manager

ADC 221
Communication of Unit Price and Total Price under DLMS

1. ORIGINATOR:

a. Service/Agency: Defense Logistics Management Standards Office (DLMSO)

b. Originator: Supply PRC, Chair: Ellen Hilert, DLA DLMSO/J-6251, Defense Logistics Management Standards Office (DLMSO), 703-767-0676 (DSN 427), ellen.hilert@dla.mil

2. FUNCTIONAL AREA: Primary: Supply (MILSTRIP)

3. REFERENCE: DLMSO memorandum dated June 6, 2006, subject: Approved Addendum 44B to Approved DLMS Change (ADC) 44, Inclusion of Supplemental information for Unique Item Tracking/Serialized Item Management (UIT/SIM) in the Two-Dimensional Symbol on the Issue Release/Receipt Document (IRRD) (DD Form 1348-1A) (Supply/MILSTRIP)

4. REQUESTED CHANGE:

a. Title: Communication of Unit Price and Total Price under DLMS

b. Description of Change: This change expands the field size for the unit price and total dollar value on the Issue Release/Receipt Document (IRRD) (DD Form 1348-1A). This change establishes a corresponding field size for the unit price in the DLMS transactions. This change is identified as a DLMS enhancement; the necessary implementation details are established by this document. This change applies to all the formats and transactions identified in the attachments; separate individual change documents will not be provided. Revisions to published guidance are identified in ***bold italics***. Significant revisions resulting from the staffing process are highlighted. (Yellow and blue highlights are used because there were iterative changes to this document; the blue highlights were made subsequent to the "advance copy" distribution).

c. Background: Currently, MILSTRIP transactions restrict the size of the unit price due to the space limitation within the 80 record position transactions. The current field size is 7 digits, structured with 5 digits for dollars and 2 digits for cents. The current total (extended) price field size for the IRRD is 9 digits, with 7 digits for dollars and 2 digits for cents. Although the DLMS, using variable-length transactions and the commercial X12 EDI standards or XML, could accommodate larger field lengths, there is no clear target field size documented for transition to DLMS. In addition, X12 field sizes vary among different transactions. Enclosure 1 provides examples of the current IRRD and package labels reflecting a truncated price resulting from lack of space on the MILSTRIP transaction.

d. General Procedures:

(1) DLMS transactions identified in this document will adopt an 11 position unit price which will be transmitted as 9 digits dollars, decimal point, and 2 digits cents. This is

expressed as "R9.2" (R is the American National Standards Institute (ANSI) designation for the data element type indicating a decimal numeric data element. The number after the period indicates the number of decimal positions permitted. The decimal point is passed within the transaction; leading and trailing zeros are not transmitted. The transmission of the decimal point within the transaction is necessary under the ANSI syntax rules.)

(2) The printed IRRD will be modified to allow a unit price as 11 positions, with 9 digits dollars and 2 digits cents, across the image bar at the top of the form (decimal point not printed on the IRRD). The linear bar code and 2D symbol on the IRRD will adopt the unit price as 9 digits dollars and 2 digits cents. Record position identification on the IRRD format will be disregarded for display of the expanded unit price within/overlapping the block lines for the unit price display. ~~Leading and~~ Trailing zeros are displayed in the unit price text. Retain display of leading zeroes up to the current 7 digit unit price on the image bar; otherwise, display leading zeros based upon available space.* *Pink correction 2/8/2007*

(3) Total (extended) price on the IRRD will be modified to 12 positions consisting of 10 digits for dollars and 2 digits cents (decimal point not printed on the IRRD). The current IRRD block for total price does not have adequate space for display of 12 positions. If the total price exceeds 9 positions, implementing applications may leave blank on the printed form until such time as the block can be enlarged. Do not print a truncated total price.

(4) MILSTRIP transactions will continue to carry the unit price as currently defined for 80 record position transactions. There is no acceptable means to vary the business rules for processing an alternative field length within the 80 record position formats. This means that there will continue to be times where the data content is truncated, losing the leading dollar positions.

5. DETAILED PROCEDURES:

a. Update DLMS notes in each of the DLMS supplements as shown in Enclosure 2.

b. Modify MILSTRIP Chapter 5, Release and Receipt of Materiel, Figure C5.F3 as shown in Enclosure 3.

c. Modify each of the following MILSTRIP appendix formats, and corresponding formats as incorporated in the DLMS manual, as shown in Enclosure 4:

(1) Appendix AP1.1, Forms/Message Formats (Introduction).

(2) Appendix 1.25, Issue Release/Receipt Document Laser Printed Form With LOGMARS Bar Coding

(3) Appendix 1.26 Issue Release/Receipt Document Preprinted Form With LOGMARS Bar Coding By Dot Matrix

(4) Appendix 1.27, Issue Release/Receipt Document Preprinted Form Without LOGMARS Bar Coding Data

(5) Appendix 1.28, Issue Release/Receipt Document Preprinted Form With LOGMARS Bar Coding By Dot Matrix Foreign Military Sales

(6) Appendix 1.29, Issue Release/Receipt Document Laser Printed Form With

LOGMARS Bar Coding Foreign Military Sales

(7) Appendix 1.35, Issue Release/Receipt Document (IRRD) (1348-1A) With Three-Of-Nine Bar Coding and Two-Dimensional (2D) (PDF-417) Symbol

(8) Appendix 3.48, Materiel Release Document DD Form 1348-1a or DD Form 1348-2

(9) Appendix 3.49, Transfers To Defense Reutilization And Marketing Office On DD Form 1348-1a or DD Form 1348-2 (Single-Line Item Turn-Ins)

d. IRRD. A mock-up to show the expanded unit price field on the IRRD is shown at Enclosure 5. This example uses a small font to fit the 11 digit unit price within the available space. Refer to 7.c, Concerns/Staffing Comments, below, for discussion of flexibility available for IRRD design.

6. REASON FOR CHANGE:

a. There is a negative DOD-wide impact of MILS field size restrictions for unit price resulting in the wrong price being communicated and perpetuated as a result of the space restriction on the original MILS transaction.

b. The approved field lengths are based upon several factors.

(1) DLMS transactions and printed forms are being revised to accommodate the 9 digits for dollars which is consistent with the unit price on electronic shipment notices for new procurements on contracts administered by Mechanization of Contract Administration Services (MOCAS). Components did not identify an alternative length during staffing.

(2) There is no known requirement for more than two digits for cents on the logistics transactions modified by this change. There would be a potential for confusion in the printed price if additional decimals for cents were included at this time without redesigning the manner in which the display boxes are constructed. Components did not identify a requirement for additional decimal positions during staffing.

(3) The total price was expanded from 9 to12 positions (10 digits for dollars and 2 digits cents) rather than 16 positions. It is understood that a16 position total price length is the result of the mathematical calculation using a maximum unit price at 11 positions (99999999999), times the quantity at 5 positions (99999), therefore requiring a 16-position field to store the sum total price. Components did not identify requirements for such a significant change in the size of the total price data element; therefore, the originally proposed size of 12 is adopted for the approved change.

e. Example of Negative Impact: Refer to the Enclosure 1 example of a DD Form 1348-1A where the total price field for 1 each is $130,420.00, but the unit price is listed as $30.420.00, as is the bar code unit price. The cents are retained, but the dollars are truncated; the actual price is $130,420.00, but the unit price is reflected as $30.420.00 because only 5 positions is allowed for dollars. In this specific example, where the price is scanned with a bar code reader, then the wrong price goes into Aviation Roundout Maintenance Management Information System (ARMMIS), causing problems in accounting exchanged using standard DOD logistics transactions and systems for individual items across the supply chain.

7. ADVANTAGES AND DISADVANTAGES:

a. Advantages: Supports consistent adoption of a DLMS enhancement for expanded field sizes and eliminates confusion within affected processes.

b. Disadvantages: None identified.

c. Concerns/Staffing Comments:

(1) Several comments were submitted during staffing expressing concern for the reference to truncating the unit price under MILS. This is a pre-existing condition; this change cannot modify the MILSTRIP transaction formats themselves. (Such a change would not be cost-effective, would be nearly impossible to coordinate and implement, and is expressly forbidden under the OSD guidance for transition to DLMS.) Note that when the MILSTRIP 80 rp format is used (whether generated by the sending application or the result of DAAS translation from the DLMS), the cents are always retained because that is the prescribed format recognized by MILS applications. It is the dollar figure which becomes truncated (refer to the Enclosure 1 example).

(2) The following comments were received from DLA J6UEA:

… our interpretation of this ADC … This is a phased/staggered approved ADC for which systems that choose to can, any time at their discretion, start generating/accepting the longer Unit Price and Total Price in the respective DLMS transactions, stretch the Linear Bar Code on the IRRD, stretch the corresponding HRI on the IRRD, stretch the 2D Bar Code on the IRRD, and squish the Unit Price of 11 into the 7 byte price within the image at the top of the IRRD (with disregard to the 74-80 column headings. They are not to squish the Total Price however until the IRRD form is redesigned. We are however to ensure that when DAASC cuts over in 6 months that it is at least tame to not blow us out of the water (even if we aren't using the expanded data).

Now for our questions:

1) The cover letter cites that this is approved for phased/staggered implementation and that DAASC will change in 6 months. That will probably work for the DLMS transaction lengths and such, but is it really that simple for the physical IRRD printing? If some systems start to stretch the Linear Bar Code, respective HRI, and the 2D Bar Code, can you ensure that all systems around the world can interpret the data (bar code reader equipment, software which the data comes into, database lengths, etc)? It would almost seem that the new IRRD form would have to be provided and a major worldwide cut over of systems at some point to work? I know you have had many discussions for a long time about this, so maybe this is simpler and more forgiving than we think.

DLMSO Response/Coordinated with AIT Office: The ADC will alert Components that they have six months to ensure that DLMS transactions and AIT driven process must be checked to ensure that they do not fail due to the expanded field length. They may need to modify the interface from the scanner to drop the extra digits if their application data base cannot accept the larger size.

2) Some of the wording in the ADC, and I think your intent, is to allow 11 digits of Unit Price not counting the decimal itself (123456789.01) and 12 digits of Total Price (1234567890.12) correct? We then refer to that as the decimal is "implied" on a database for example (decimal is not stored as part of the data). However, on Page 3 it states that the decimal itself is carried within the DLMS

transaction itself (we call that a "literal" decimal). That is correct, the decimal is in fact passed as data in DLMS transactions, however, it is then also accounted for within the IC as such. Hence, in our opinion, the ICs for Unit Price should say "12" and the Total Price should say "13" to make room for the digits and decimals. Even though typical system databases will be 11 and 12 respectively. Is that how the ICs will read?

DLMSO Response: The ADC has now been updated to be consistent in referring to the field size for the unit price as 11 digits and total price as 12 digits. The decimal is added for passing the transaction in the DLMS format as required by X12 syntax rules. Components may make internal decisions for storing of the decimal or storing a larger data field (e.g. commercial software may pre-determine available space).

3) Is this mandating that systems squish the 11 byte Unit Price within the image bar on the current IRRD form right away, or at their discretion, or never and can wait until the new IRRD form is out if the prefer?

DLMSO Response: The intent of this ADC is to mandate the printing of the 11 digit price on the image bar at the same time program changes are made to expand the linear bar code and HRI. In order to print the unit price on the image bar it may be necessary to "type" over the existing line outlining the box surrounding the unit price data field or reduce the size of the font. This would only be necessary when the unit price uses full the length of the allowed dollars (leading zeros need not be displayed beyond the current 5 digits which easily fit). A mock-up example using reduced font size to fit within the available space is shown at Enclosure 5, at the end of this document. In addition, the intent is to also change the 2D symbol to carry the expanded size concurrently. In other words, when changes are made to allow for the expanded field sizes, this information should be consistently displayed in all formats/displays/AIT associated with the IRRD.

4) Similar to 3 above, are you saying that we should never squish the Total Price on the current IRRD?

DLMSO Response: Without some re-engineering, it may be very difficult to insert the full12 digit extended price so this change does allow flexibility to leave this field blank. Where possible, it is preferred that the total price be displayed (leading zeros need not be displayed where space is not available). The intent of the flexibility allowed is to eliminate the display of truncated total prices during transition to an improved IRRD which may take more significant re-programming than would be feasible at this time. It is preferred that the field be left blank rather than provide incorrect information. Since the unit price would be correct, the customer, or the receiving application, will be able to calculate the correct extended price.

5) On Page 3, and throughout the document in other places, it states that if the Total Price exceeds 9 positions "applications may leave blank on the printed form until such time as the block can be enlarged". Today we truncate and were not planning to change that. Are you saying that we "must" set to spaces or it is at our discretion?

DLMSO Response: Same issue as discussed in 4) above. Yes, program changes are required to eliminate truncated values during implementation of any portion of this change.

6) What is the status of a new IRRD form and who is participating?`

DLMSO Response: An earlier effort to redesign the IRRD to support DLMS was tabled. DLMSO is not currently addressing this aspect of modernization.

8. IMPACT:

a. General: This change impacts DLMS-capable applications and those in the process of planning for migration. This change may be implemented on a phased and staggered basis without prior coordination with trading partners. Components may implement selected portions of this change while delaying implementation of others for a later date. DLMS-capable receiving applications which have not yet adopted the DLMS expanded field length should adjust their programs to ensure that the expanded length in an incoming transaction will not cause transactions to reject. Components implementing DLMS may determine the best approach for their application pending full implementation. It is conceivable that a Component may receive a DLMS format containing a unit price value which makes use of the increased field size, prior to any necessary internal database modifications. It will be the responsibility of the Component to convert the unit price in the transaction to fit the available space in their database. There may also be an impact resulting from inclusion of the expanded unit price field in the linear bar code and 2D PDF 417 symbol. This is addressed in paragraph 8.d. below.

b. Near Term: It is hoped that this change will provide immediate relief for some applications using the price as reflected on the IRRD or communicated via DLMS. DLA Business Systems Modernization (BSM) uses DLMS formats and has a database which supports expanded field sizes. Therefore, BSM would be target for near-term implementation of portions of this change. Since the Distribution Standard System (DSS) for Defense Distribution Depot shipments is DLMS-based and is in the process of expanding their database field sizes, initial implementation of at least some portions of this change are also targeted at DSS.

c. Distribution Standard System (DSS) Near Term: DLA is working to implement a systems change request (SCR) for DSS 7.2 (DSS-HQ5-053) for which they will be providing some of the described revisions, but exclusively for Air Force when they provide us bigger prices within exception data. DSS will recognize the situation and stretch the Linear Bar Code and human readable interpretation (HRI). However, DSS will not be "squishing" the larger unit price size into the image bar (font would be too small), nor does it go into the 2D as that was not a requirement. DSS is not stretching the Linear Bar Code and HRI for all customers, just these unique data driven situations. All other IRRDs will remain current length due to uncertainty of impact on other users. DLA may reconsider stretching the fields on all IRRDs, but is concerned about impact and because the IRRD form on Intermec printers in particular has no room to stretch without HQ/DDC re-engineering their desired data and placement. (Additional programming requires development of an SCR from HQ/DDC.)

d. Interim AIT Requirement Pending Full Implementation: Components are responsible for updating AIT reader software, to include filters or edit sequences, which restrict the unit price field length to 7 digits. Components must ensure that scanners will not fail if they encounter a linear bar code or 2D symbol containing a unit price with a maximum of 9 digits for dollars (current maximum for dollars is 5 digits) and 2 digits for cents. How the unit price is transferred to the processing system may depend upon limitations of the processing system. At a minimum, the

current unit price field length may be extracted until such time as the application data base is modified or replaced under modernization. This capability (ensuring scanners will not fail) must be available within 6 months of the date of ADC publication.

e. MILS/DLMS Transition: This change provides guidance for Components adopting the DLMS. This change should be integrated in the design as Components adopt DLMS. During transition, if necessary for high unit price items, the Defense Automatic Addressing System (DAAS) will truncate unit price created under DLMS and converted to the original 80-rp format to accommodate MILS users.

f. Long Term: The adoption of DLMS with expanded field size will eliminate price confusion and inaccuracies for high dollar value material DOD-wide.

g. Requires update to Component implementing guidance.

h. Requires update to MIL-STD-129.

i. This change impacts the Defense Automatic Addressing System (DAAS), Global Transportation Network (GTN), and other applications maintaining a historical database and query capability so that appropriate field sizes may be saved and displayed. For example, DAAS must adjust the WebVLIPS screen to permit the accurate display of the unit price.

j. In addition to transaction and database field lengths, changes will need to be made to programs using these fields, screens displaying these fields, print programs, and forms.

k. This change may also impact transactions used in other functional processes, such as transportation, or which are internal to the Components, and perpetuate the price/cost information derived from the transactions identified in this change.

Enclosures

Enclosure 1 - Examples of Truncated Unit Price


PCN: GTC4KSJ
PRINT DATE: 2005319
PICK BATCH: 1501J010
HANDLING UNIT: O
SERIAL NO REQ: N
SHELF LIFE CODE: 0
PACK INSTR:
SPI:
ITEM ID NO:
CYCLE: 01
FUNC FLAG: MIS
INSPECTION: N
DEST CODE: C
00000
NON-HAZMAT
CSG: EXX
SORT GROUP: J
DT5316/TI0505
CONTROL NUMBER
AB1MGZX
MISSION PICK: GTC4KSJ
SHIP TO: W58MOC
LOC: J0102002A
STK: 1615011061903 BLADE,MAIN ROTOR
CC: A UI: EA D/U:
QTY: 00001 ZERO BAL: N UPRICE: 30420.00
F&P RQRD: N
PODE: W58M0C319K4LM70
SUPC: ACON W58M0C53040014LX00
LEVEL PK: AC PRIM: 05319 STD: 05324
PICK CLASS: 0001 OF 0001
DISCRETE: SECY 0002 A/L: H BIN:
CONTINUOUS C/D: STA:
S
Rotor Blade price error perpetuated to the shipping label.

Enclosure 2 – DLMS Supplement (DS) Updates

(1) Add new cover page introductory note to DSs listed below (number as applicable):

Data associated with a DLMS enhancement authorized for implementation by modernized systems under DLMS migration. This data (including expanded field sizes) should be adopted during, or subsequent, to modernization when applicable to the Component's business process. Prior coordination is not required. Components should ensure that inclusion of this data in a DLMS transaction does not cause inappropriate rejection of the transaction.

(2) Update DS 511R, Requisition:

2/P01/30	**PO104, Unit Price** DLMS Note: ***1.*** For nonreimbursable material ***(free issue),*** indicate 0 dollars. ***2.*** Use for nonstandard ~~and nonreimbursable (free issue)~~ material ***to indicate an estimated price.*** ~~For nonstandard material, express the estimated dollar amount in whole dollars. Do not include decimals or cents.~~ ***3. Estimated unit price for nonstandard material is a DLMS enhancement, see introductory note 3a*** ***4.*** Use for DoD EMALL/part-numbered catalog orders to specify the contract price and the billed price. Must use a second repetition of the PO1 segment to identify second price. ***5. Under DLMS, the unit price will be expressed as R9.2.*** **PO105, Basis of Unit Price Code** DLMS Note: Use for nonstandard and nonreimbursable (free issue) material. For nonstandard material, use to identify an estimated unit price. **AA Bill** DLMS Note: Used on the first iteration of the PO1 segment on DoD EMALL/part-numbered catalog orders to indicate the unit price that the requisitioner is to be billed. **CT Contract** DLMS Note: Used on the second iteration of the PO1 segment on DoD EMALL/part-numbered catalog orders to indicate the contract unit price that the vendor/supplier of the part can invoice. **ES Estimated** DLMS Note: Use to indicate an estimated unit price for the nonstandard material. **NC No Charge**	Original note wording rearranged for clarity. Note 3a is the note which requires coordination prior to use.

	DLMS Note: Use to indicate nonreimbursable (free issue) material.	

(3) Update DS 511M, Modification:

2/P01/30	**PO104, Unit Price** DLMS Note: ***1.*** For nonreimbursable material ***(free issue),*** indicate 0 dollars. ***2.*** Use for nonstandard ~~and nonreimbursable (free issue)~~ material ***to indicate an estimated price.*** ~~For nonstandard material, express the estimated dollar amount in whole dollars. Do not include decimals or cents.~~ ***3. Estimated unit price for nonstandard material is a DLMS enhancement, see introductory note 3a.*** ***4. Under DLMS, the unit price will be expressed as R9.2.*** **PO105, Basis of Unit Price Code** DLMS Note: Use for nonstandard and nonreimbursable (free issue) material. For nonstandard material, use to identify an estimated unit price. **ES Estimated** DLMS Note: Use to indicate an estimated unit price for the nonstandard material. **NC No Charge** DLMS Note: Use to indicate nonreimbursable (free issue) material.	Original note wording rearranged for clarity. Note 3a is the note which requires coordination prior to use.

(4) DS 869F, Requisition Follow-up:

2/GF/100	**GF04, Monetary Amount** DLMS Note: 1. Use for nonstandard and nonreimbursabe material. For nonstandard material, express the estimated dollar amount in whole dollars. Do not include decimals or cents. For nonreimbursable (free issue) material, indicate "0" dollars. ***2. Estimated unit price for nonstandard material is a DLMS enhancement, see introductory note 3a.*** ***3***. Use in Commercial Asset Visibility (CAV) transactions to indicate the item unit price. ***4***. Use for USMC contractor provided maintenance program to indicate the special unit pricing. ***5. Under DLMS, the unit price will be expressed as R9.2.***	

(5) DS 870S, Supply Status

Location	Update	Comments
2/P01/150	PO104, Unit Price PO105, Basis of Unit Price Code Federal Note: ***1.*** Use to identify the correct unit price associated with the status provided. ***2. A field size exceeding 7 positions (5 digits dollars and 2 digits cents) may not be received or understood by the recipient's automated processing system.*** ***3. Under DLMS the unit price will be expressed as R9.2. Authorized DLMS migration enhancement; see introductory DLMS 3f.*** **ES Estimated** DLMS Note: Use to indicate the estimated unit price billed when Code ST does not apply. **ST Standard** DLMS Note: Use to identify the standard unit price billed for the material.	

(6) DS 870M, Material Returns Supply Status

2/P01/150	**PO104, Unit Price** DLMS Note: ***1.*** Applicable to the reply to the customer asset report. ***2. Under DLMS the unit price will be expressed as R9.2. Authorized DLMS migration enhancement; see introductory DLMS 4f.***	

(7) DS 856S, Shipment Status:

2/REF/1500	**PA, Price Area Number** DLMS Note: 1. Use for shipments to disposal to indicate actual or estimated pricing information. 2. A field size exceeding 7 positions ***(5 digits dollars and 2 digits cents)*** may not be received or understood by the recipient***'s*** automated processing system. ~~See introductory DLMS note 2d.~~ ***3. Under DLMS the unit price will be expressed as R9.2. Authorized DLMS migration enhancement; see introductory DLMS 2f.***	

(8) Update DS 940R, Material Release Order:

2/AMT/0800	**AMT01, Amount Qualifier Code** **LI Line Item Unit Price** DLMS Note: ***1***. Use with material release order transactions to indicate the unit price. ***2. A field size exceeding 7 positions (5 digits dollars and 2 digits cents) may not be received or understood by the recipient's automated processing system.*** ***3. Under DLMS the unit price will be expressed as R9.2. Authorized DLMS migration enhancement; see introductory DLMS 4f.***	

(6) Update DS 945A, Material Release Advice:

2/AMT/60	**AMT01, Amount Qualifier Code** **NT Unit Value** **DLMS Note:** 1. Use in CAV Material Release Confirmation transactions to indicate the unit price of an item. ***2. Under DLMS the unit price will be expressed as R9.2.***	CAV specific implementation. Request verification that DAAS conversion is not applicable.

Enclosure 3 - MILSTRIP Chapter 5, Figure C5.F3

RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
1-3	Perpetuate from source document or blank.
4-7	Leave blank.
8-22	Enter the stock or part number.
23-24	Enter the U/I.
25-29	Enter the quantity.
30-43	Enter the document number of the consignor (shipper.)
44-73	Leave blank.
74-80	Enter the unit price[1].
Blocks 3 and 27	Enter DoDAAC of the activity to which the materiel is directed. The in-the-clear name, number, and address may be in Block 27.
Block 27	Enter the supply condition code reflecting the condition of the materiel. (See DoD 4000.25-2-M (MILSTRAP).)
Block 27	Enter activity account number of the activity to be credited (if applicable) and the appropriate fund code (if applicable). (See DoD 4000.25-7-M (MILSBILLS).) Enter applicable IUID content in conjunction with application of a 2D symbol as listed in AP1.1 and illustrated in AP1.35 [2].

Figure C5.F3. Instructions for completion of DD Form 1348-1A (or DD Form 1348-2) used for Returns to Stock Transfers (excluding Transfers to Defense Reutilization and Marketing Offices)

[1] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

[2] See Footnote 1.

Enclosure 4

AP1.1. APPENDIX 1.1

FORMS/MESSAGE FORMATS (INTRODUCTION)

Following is an extract from AP1.1:

AP1.1.6.6.3. The Issue Release/Receipt Document data elements, configuration and locations are as follows:

DATA ELEMENT NAME	LENGTH	RECORD POSITION(S)
Document Identifier	3	1-3
Routing Identifier (From)	3	4-6
Media and Status	1	7
Unit of Issue	2	23-24
Quantity	5	25-29
Service	1	45
Supplementary Address	5	46-50
Signal	1	51
Fund	2	52-53
Distribution	3	54-56
Project	3	57-59
Priority	2	60-61
Required Delivery Date	3	62-64
Advice	2	65-66

DATA ELEMENT NAME	LENGTH	RECORD POSITION(S)
Routing Identifier	3	67-69
Ownership/Purpose	1	70
Condition	1	71
Management	1	72
	1	73
Unit Price[1]	7	74-80

[1] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. Refer to ADC 221.***

BLOCK ELEMENT NAME	BLOCK SIZE/ NO. OF CHARACTERS	BLOCK NUMBER
Total Price	~~10~~ ***12***[2]	1
Ship-From	10	2
Ship-To	9	3
Mark-For	19	4
Doc Date	5	5
NMFC	9	6
Freight Rate	8	7
Type Cargo	10	8
Physical Security	4	9
Quantity	7	10
Unit Pack	3	11
Unit Weight	10	12
Unit Cube	7	13
UFC	6	14
Shelf Life	3	15
Freight Classification Nomenclature	36	16
Item Nomenclature	36	17
Type Container	5	18
No. of Containers	8	19
Total Weight	13	20
Total Cube	10	21

[2] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

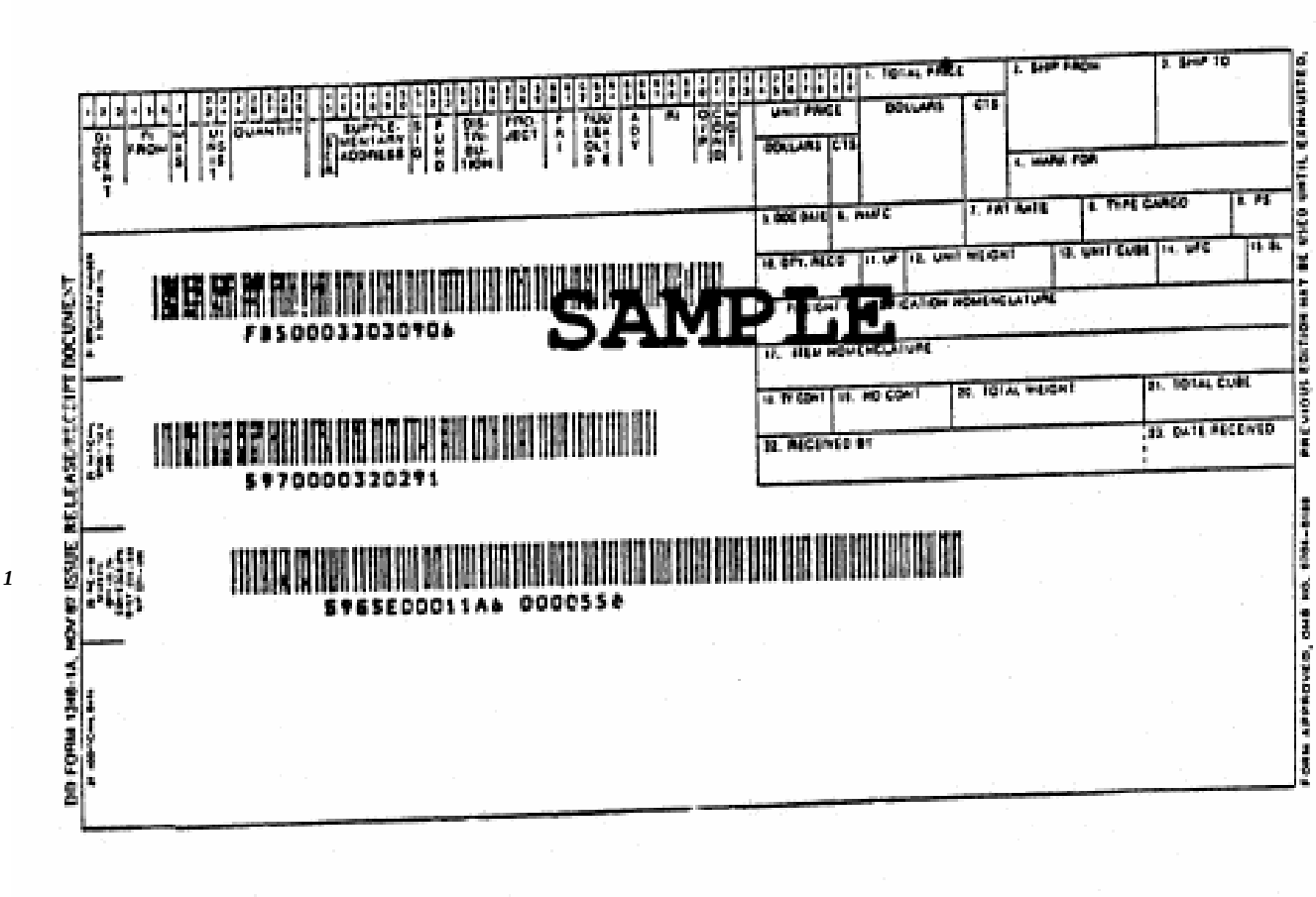
BLOCK ELEMENT NAME	BLOCK SIZE/ NO. OF CHARACTERS	BLOCK NUMBER
Received By	26	22
Date Received	10	23
Document Number and Suffix (30-44)	44	24
National Stock Number and Additional (8-22)	44	25
RI (4-6) UI (23-24) QTY (25-29) COND Code (71) Dist (55-56) UP (74-80)[3]	80	26
Additional Data	Various	27
For IUID to support UIT/serialized item management, include the following[4]: Unique Item Identifier (UII) and/or Serial Number The following additional data elements may be included in support of IUID: Manufacturer's CAGE Current Part Number Batch/Lot Clear text labeling of IUID information must be provided using the following acronyms: CAGE, P/N, BT/LT, S/N, and UII.	Field size and characteristics of item unique identification data content and specific policy guidance is available at: http://www.acq.osd.mil/dpap/UID/.	

[3] ***See Footnote 1.***

[4] Capability to support IUID data content within the 2D symbol has been approved for staggered and phased implementation under ADC 44B. Components have not reported implementation at this time.

AP1.25. APPENDIX 1.25

ISSUE RELEASE/RECEIPT DOCUMENT LASER PRINTED FORM WITH LOGMARS BAR CODING[1]

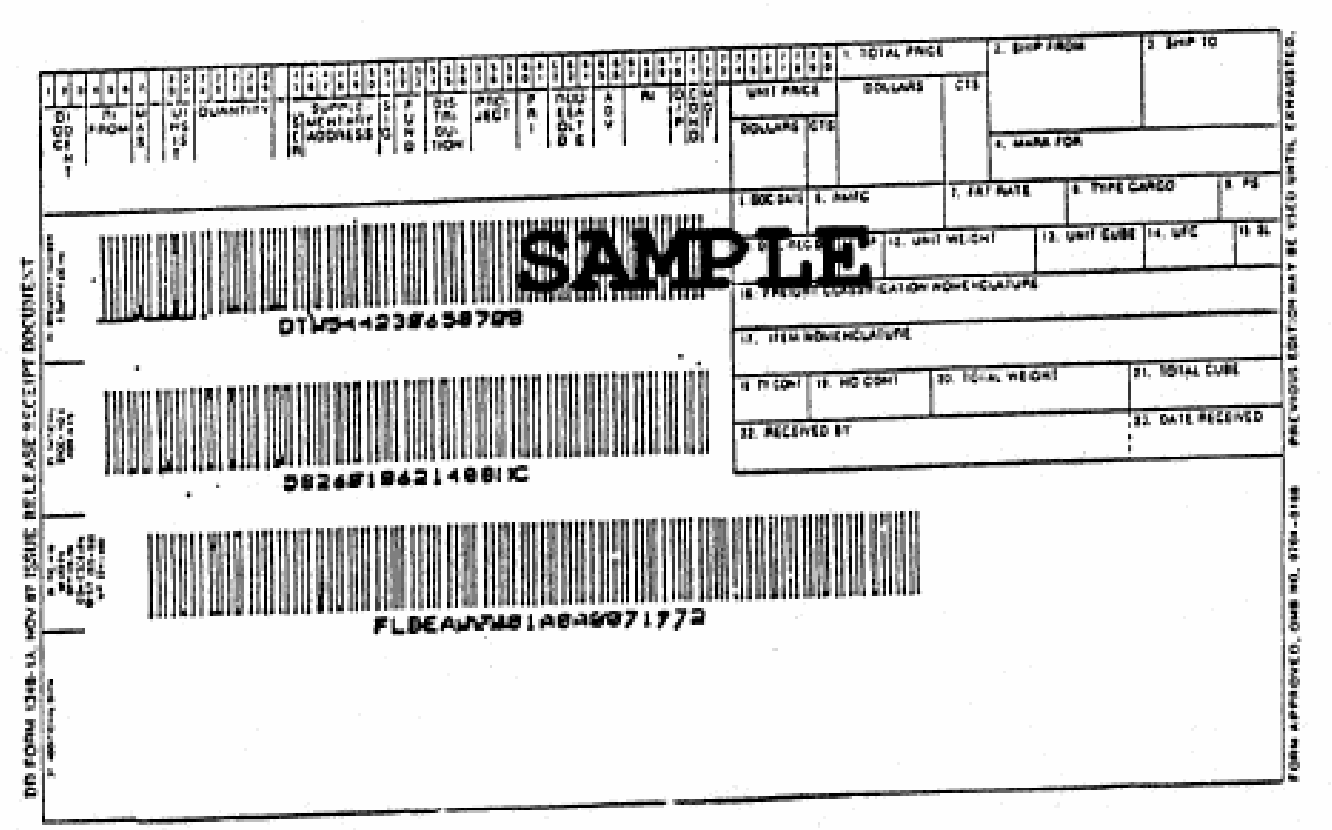


1

[1] *Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.*

AP1.26. APPENDIX 1.26

ISSUE RELEASE/RECEIPT DOCUMENT PREPRINTED FORM WITH LOGMARS BAR CODING BY DOT MATRIX[1]

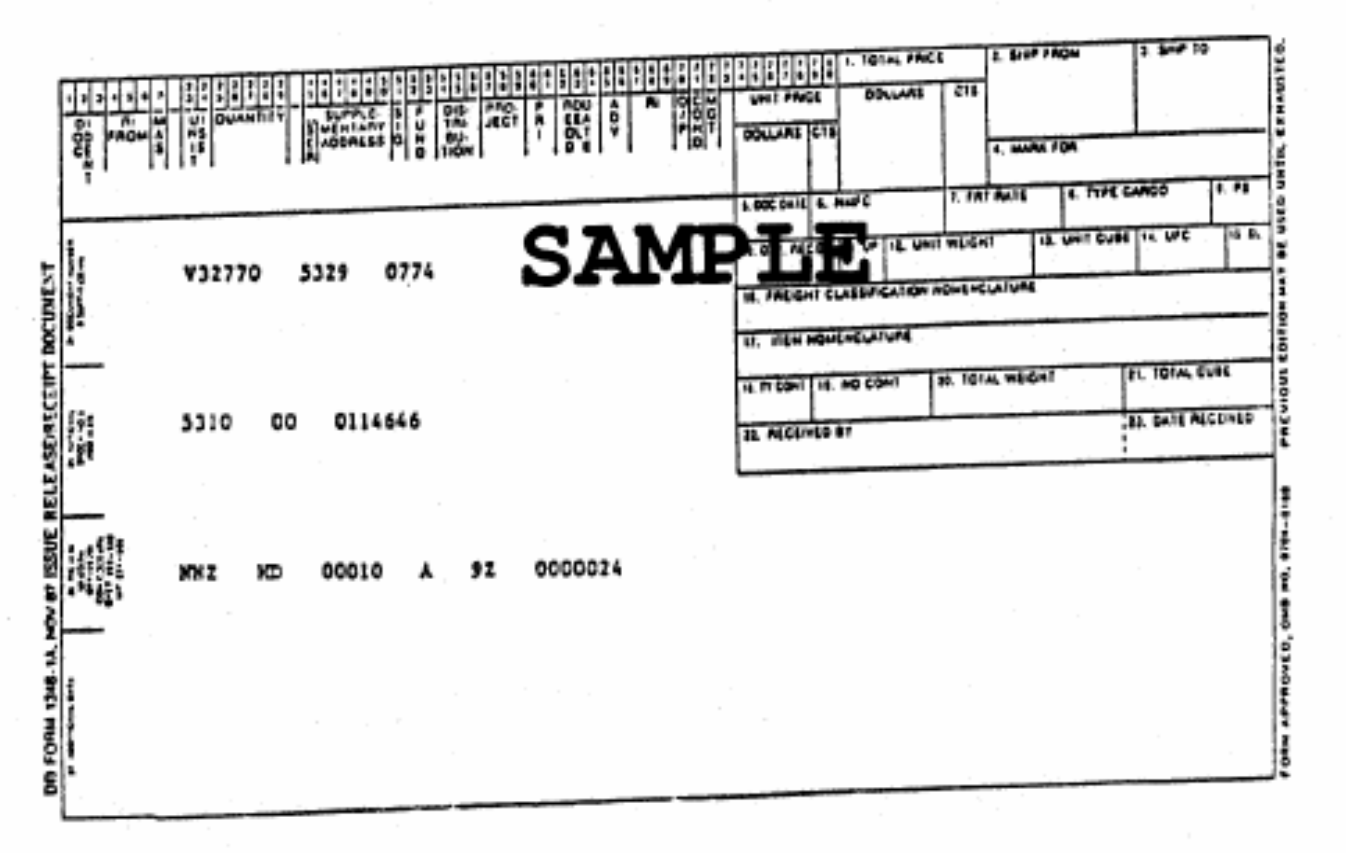


1

[1] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

AP1.27. APPENDIX 1.27

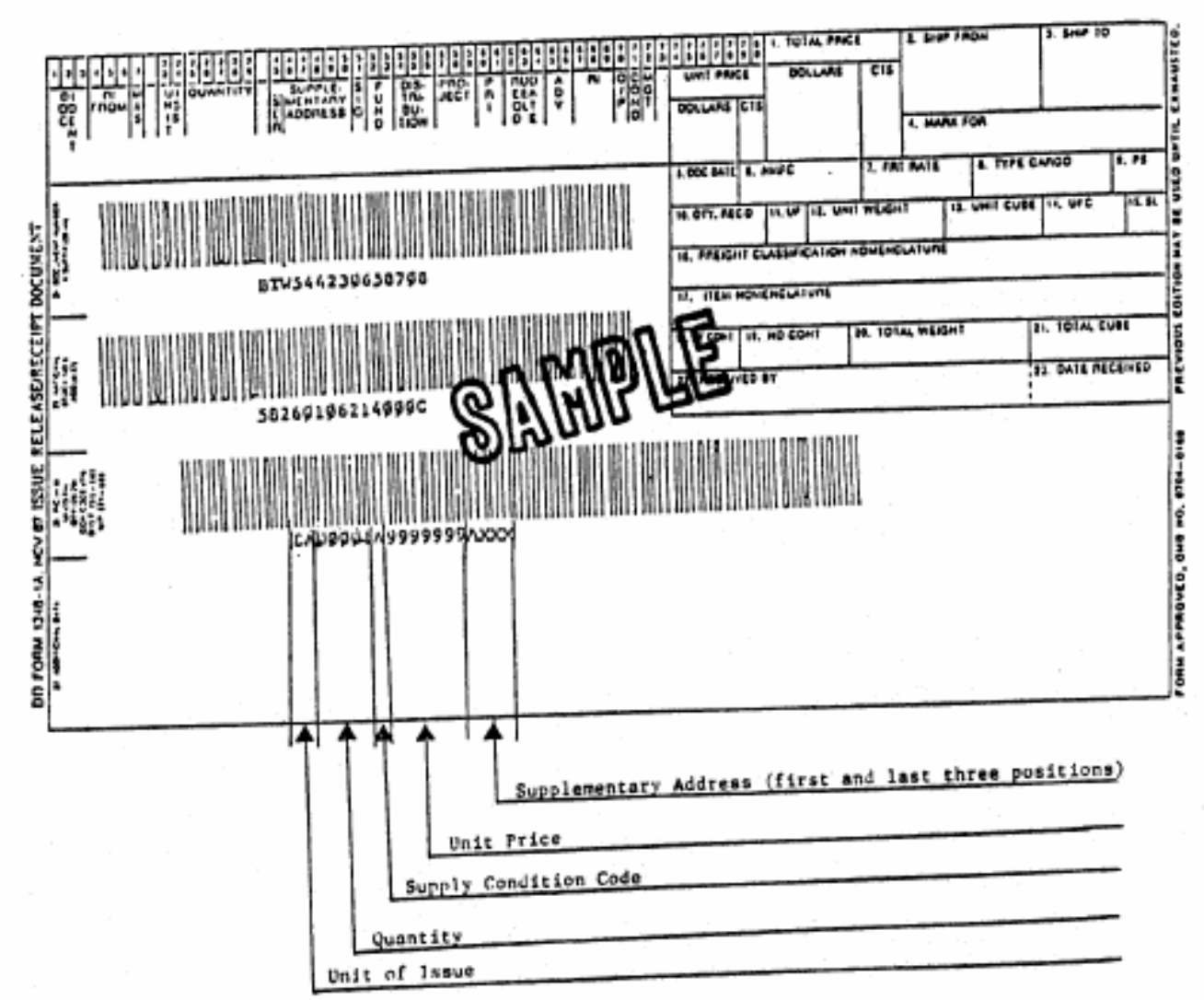
ISSUE RELEASE/RECEIPT DOCUMENT PREPRINTED FORM WITHOUT LOGMARS BAR CODING DATA[1]



[1] *Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.*

AP1.28. APPENDIX 1.28

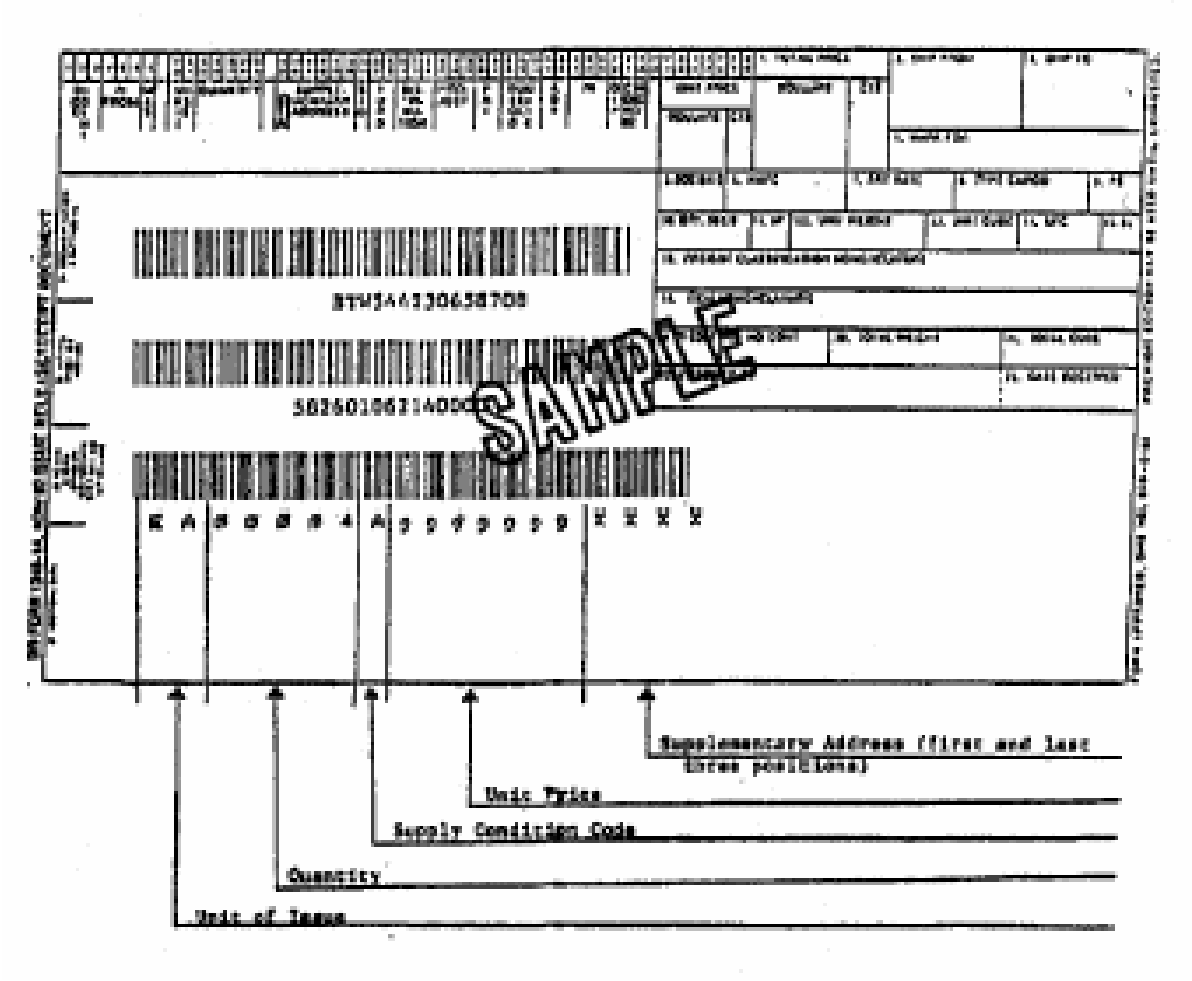
ISSUE RELEASE/RECEIPT DOCUMENT PREPRINTED FORM WITH LOGMARS BAR CODING BY DOT MATRIX FOREIGN MILITARY SALES[1]



[1] *Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.*

AP1.29. APPENDIX 1.29

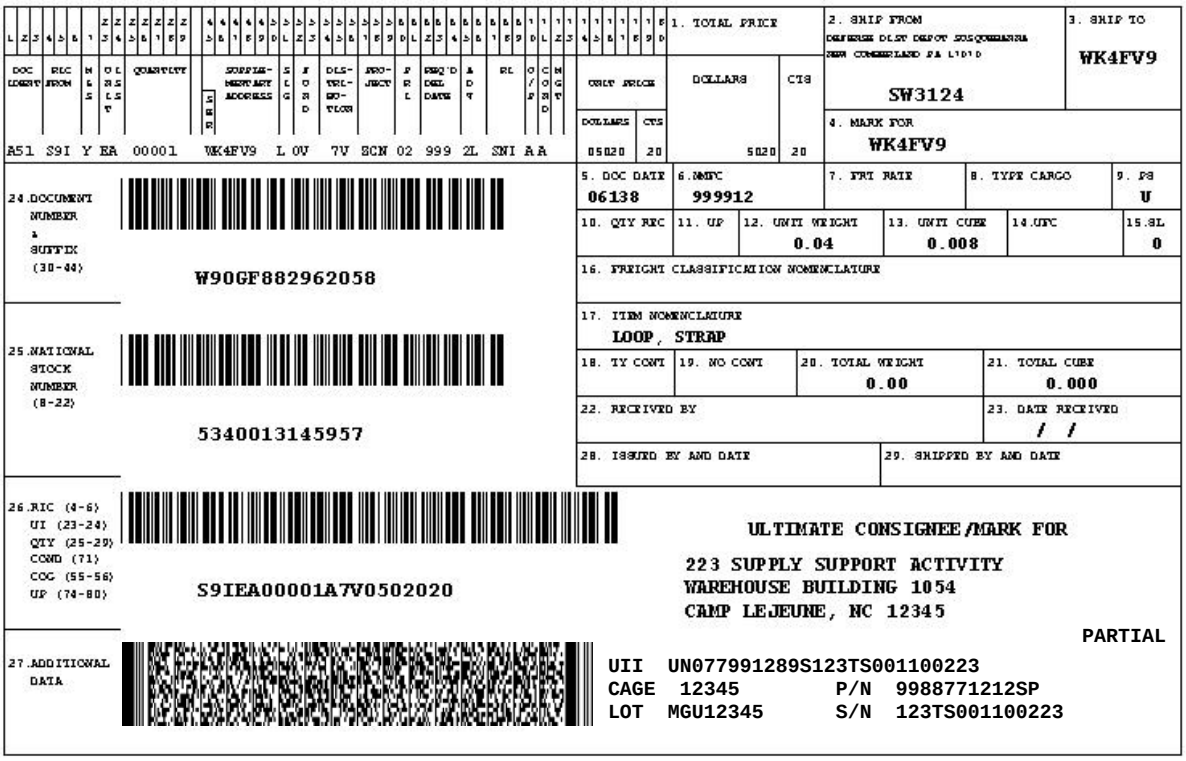
ISSUE RELEASE/RECEIPT DOCUMENT LASER PRINTED FORM WITH LOGMARS BAR CODING FOREIGN MILITARY SALES[1]



[1] *Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.*

AP1.35 APPENDIX 1.35

ISSUE RELEASE/RECEIPT DOCUMENT (IRRD) (1348-1A) WITH THREE-OF-NINE BAR CODING AND TWO-DIMENSIONAL (PDF-417) SYMBOL[1]



[Note: Above data content is provided for illustration only. Implemented version may differ in placement and size of 2D symbol].

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[1] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

Two-Dimensional (PDF-417) Label Format

Compliance Character	Data Identifier/ Data Element Identifier [1]/	Data Field (DoD Usage)	Data Format (Type/Length)	Sample Data (Identifier and Data Field)	Element Separators	Total Characters[2]/
[)>		Compliance Indicator	a3	[)>	$^{R}_{S}$	4
06		Format Indicator (ANSI Standard)	n2	06	$^{G}_{S}$	3
	12S	Document Number Includes Suffix Code when applicable	an14..an15	W90GF882962058	$^{G}_{S}$	19
	N	National/NATO Stock Number (NSN) or Stock Identification Elements May reflect NSN, CAGE Code/part number, FSC, etc., as applicable. May also include associated coding, e.g., Type of Pack, USN Special Material Identification Code (SMIC) or USAF Materiel Management Aggregation Code (MMAC) This data content is analogous to the MILSTRIP stock number field. For unique item tracking/serialized item management use this identifier	an..15	5340013145957	$^{G}_{S}$	17

		for the NSN and use separate identifiers listed below to uniquely identify a specific individual item.				
	7Q	Quantity[1] and Unit of Issue Do not include leading zeros	An..5+an2	7Q1EA	GS	10
	V	Routing Identifier Code	an3	VS9I	GS	5
	2R	Condition Code	an1	2RA	GS	4
	12Q	Unit Price Configured as ~~5~~ ***9*** digits whole dollars, decimal, and 2 digits cents followed by "USD" indicating U.S. dollars. Do not include leading blanks.	~~n..5.n2+an3~~ ***n..9.n2+an3***	12Q5020.20USD	GS	~~15~~ ***19***
	5P	National Motor Freight Classification Commodity Number	n6	5P999912	GS	9
	25S	Unique Item Identifier (UII) The unique identification assigned by the supplier or DoD to an entity for its lifetime.	an..78	25SUN077991289S123TS001100223	GS	82
	S	Serial Number	an..30	S123TS001100223	GS	32
	IT	Traceability Number Assigned by the supplier (or DoD) to identify/trace a unique group of entities (e.g. lot, batch, etc.). May be used separately or in conjunction with UII.	an..17	ITMGU12345	GS	20

[1] The item quantity will be "1" if serial number and/or UII is provided within the 2D symbol.

	17V	Manufacturer ID Commercial and Government Entity Code (CAGE). The manufacturer's Commercial and Government Entity Code (CAGE) applicable to the identified item. If CAGE is not available, may use DUNS (12V) or UCC/EAN (3V) to identify the manufacturer.	an..5	17V12345	GS	9
	1P	Part Number The part number currently in use to identify this item.	an..16	1P9988771212SP	RS	19
07		Format Indicator (ANSI Free Text)	n2	07	GS	3
	03	Project Code	an3	03ZCN	GS	6
	B6	DoD Distribution Code Three-position field must reflect blanks as applicable. Blanks may be located in any position.	an3	B6_7V	GS	6
	27	Consignee DoDAAC Reflects ship-to DoDAAC (Block 3)	an6	27WK4FV9	GS	9
	38	Nomenclature	an..20	38LOOP, STRAP	GS	23
	32	Required Delivery Date (RDD) May reflect RDD in DDD format or special codes, e.g., expedited shipment and handling (Code 999), Not Mission Capable Supply (NMCS) (Code N__), etc.	an..3	32999	GS	6
	B7	Requisition Priority Designator (PD)	n2	B702	GS	5
	B8	Partial Shipment Indicator	a1	B8P	GS	4

	81	Supplementary Address Derived from rp 45-50 of the requisition	an6	81WK4FV9	[RS] EOT	10

All data identifiers are alphanumeric characters.
a = Alphabetic Data
an = Alphanumeric Data. May include special characters.
n = Numeric Data
.. = Variable Length (up to maximum shown)
[RS] = Nonprintable hexadecimal code indicating next entry is a new compliance character indicating a new data identifier format follows
[RS] EOT = Nonprintable hexadecimal code indicating end of transmission
_ = Denotes a blank in sample data above

Sample data stream:
[)>[RS]06[GS]12SW90GF882962058[GS]N5340013145957[GS]7Q1EA[GS]VS9I[GS]2RA[GS] 12Q05020.20USD[GS]5P999912[GS]
25SUN077991289S123TS001100223[GS] S123TS001100223[GS] ITMGU12345[GS]17V12345[GS]1P9988771212S [RS]
07[GS]03ZCN[GS]B6 7V[GS]27WK4FV9[GS]38LOOP, STRAP[GS]32999[GS]B702[GS]B8P[GS] 81WK4FV9[RS]EOT

Sample PDF 417 symbol (contents do not match above data stream - for illustrative purpose only):

(Estimated Size)

AP3.48. APPENDIX 3.48

MATERIEL RELEASE DOCUMENT
DD FORM 1348-1A OR DD FORM 1348-2

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3[1]	Perpetuate from requisition or source document unless otherwise indicated.
Routing Identifier (From)	4-6[2]	Enter the RI code of the shipping activity.
Media and Status	7	Enter the M&S code assigned to the requisition or source document.
Stock or Part Number	8-22	Indicate the NSN or part number being released. See Block 25.
Unit of Issue	23-24	Indicate the U/I of the NSN or part number being released.
Quantity	25-29	Indicate the quantity being released. See Block 26.
Document Number	30-43	Enter the document number of requisition. See Block 24.
Suffix Code	44	Leave blank if the document represents release of the total quantity requisitioned. Indicate the appropriate suffix code assigned to indicate a partial quantity release. See Block 24.
Supplementary Address	45-50[3]	Perpetuate from the original requisition or source document. See Block 26.
Signal	51[4]	Perpetuate from the original requisition or source document.

[1] Procedures, formats, and codes for requisitioning material from disposal last reported as not implemented by DLA. Refer to AMCL 139A.
[2] See Footnote 1.
[3] See Footnote 1.
[4] See Footnote 1.

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Fund	52-53[5]	Perpetuate from the original requisition or source document.
Distribution	54-56[6]	Perpetuate from the original requisition or source document.
Project	57-59[7]	Perpetuate from the original requisition or source document.
Priority	60-61[8]	Perpetuate from the original requisition or source document.
Required	62-64[9]	Perpetuate from the original requisition or source document.
Advice	65-66[10]	Perpetuate from the original requisition or source document.
Routing Identifier	67-69[11]	Perpetuate from the original requisition or source document.
Management	70-73	Perpetuate from the original requisition or source document.
Unit Price[12]	74-80	Indicate the unit price of item being released. See Block 26.

BLOCK(S)	ENTRIES
1	Total price ***(10 digits dollars and 2 digits cents).***[12]
2	DoDAAC of shipping activity/DRMO. If reduced print in used, in-the-clear address may be entered in addition to the DoDAAC.
3	DoDAAC of the activity to receive the shipment, if applicable. If reduced print is used, in-the-clear address may be entered in addition to the DoDAAC.

[5] See Footnote 1.

[6] See Footnote 1.

[7] See Footnote 1.

[8] See Footnote 1.

[9] See Footnote 1.

[10] See Footnote 1.

[11] See Footnote 1.

[12] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

4	DoDAAC of the MARK FOR recipient, if applicable. If reduced print is used, in-the-clear address may be entered in addition to the DoDAAC.
5	Document preparation date (enter numerical day of year).
BLOCK(S)	ENTRIES
6	National Motor Freight Classification Commodity Number.
7	Freight rate for the shipment.
8	Type of cargo code (see DTR, DoD 4500.9-R).
9	Enter applicable controlled inventory item code which describes the classified and/or sensitive or pilferage classification of the shipment from DoD 4100.39-M (FLIS Procedures Manual), volume 10, chapter 4, Table 61. (Mandatory Entry)[13]
10	Actual quantity received.
11	Unit pack of item shipped.
12	Unit weight of item shipped.
13	Unit cube of item shipped.
14	Uniform Freight Classification (UFC) Commodity Number.
15	Shelf life of item shipped. Enter "SL" (for shelf life) followed by applicable shelf-life code from DoD 4100.39-M (FLIS Procedures Manual) Volume 10, Chapter 4, Table 50. (Mandatory Entry)[14]
16	Freight classification nomenclature.
17	Item nomenclature.
18	Type of container used for the shipment.
19	Number of containers that make up the shipment.
20	Total weight of all containers that make up the shipment.
21	Total cube of all containers that make up the shipment.
22	Received by, signature of receiver, or call sign/code of individual authorized access to the automated file.
23	Date received, date shipment was received.
24	Document Number - The document number assigned to the requisition.[15]

[13] Mandatory requirement to enter the controlled inventory item code (CIIC) and shelf-life code on the DD Form 1348-1A for issues from stock last reported as not implemented by USN. Refer to AMCL 32.

[14] See Footnote 13.

[15] Prepare data from blocks 24-26 in two configurations; (1) three-of-nine bar code and (2) in-the-clear. When prepared manually, do not include bar code.

Suffix Code - Blank if the document represents release of the total quantity requisitioned. If partial shipment, the appropriate suffix code assigned to indicate partial quantity released.

25 National Stock Number - Enter the stock or part number being released.

Add - For subsistence items, enter the type of pack code in position 21.[16]

FOR OTHER THAN FMS SHIPMENTS

26 Routing Identifier - The RI code of the shipping activity.

Unit of Issue - The unit of issue of the stock or part number being released.

Quantity - The quantity being released.

Condition Code - The supply condition code of materiel being released.

Distribution - Perpetuate from record positions 55 and 56.

Unit Price[17] - The unit price for the NSN/part number being released..[18]

27 This block may contain additional data including bar coding for internal use. This block may contain a 2D symbol which repeats bar coded data content. Data entered in this block is as required by shipping activity by commodity. When data is entered in this block, it will be clearly identified.

DTID or ERN - On issues from DRMO, enter DTID or ERN, if applicable.[19]

[16]See Footnote 14.

[17] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

[18]See Footnote 14.

[19] See Footnote 1.

USML Items – This block will contain clear-text information to identify shipments of USML items which may require filing of export licenses and SEDs per 22CFR126.4 and 22CFR123.22 as follows: "USML item—may need SED."

For IUID to support UIT/serialized item management[20]:

Unique Item Identifier (UII) and/or Serial Number

The following additional data elements may be included in support of IUID:

Manufacturer's CAGE

Current Part Number

Batch/Lot

Clear text labeling of IUID information must be provided using the following acronyms: CAGE, P/N, BT/LT, S/N, and UII.

FOR FMS SHIPMENTS[21]

26 Unit of Issue - two positions - the unit of issue of the stock or part number being released.

Quantity - five positions - the quantity being released.

Condition - one position - the supply condition code of materiel being released.

Unit Price [22] - ~~seven positions~~ - the unit price for the NSN/part number being released.

Supplementary Address - the first position and last three positions of the supplementary address.

27 This block may contain additional data including bar coding for internal use. This block may contain a 2D symbol which repeats bar coded data content. Data entered in this block is as required by shipping activity by commodity. When data is entered in this block, it will be clearly identified.

USML Items – This block will contain clear-text information to identify shipments of USML items which may require filing of export licenses and SEDs per 22CFR126.4 and 22CFR123.22 as follows: "USML item—may need SED."

[20] Capability to support IUID data content within the 2D symbol has been approved for staggered and phased implementation under ADC 44B. Components have not reported implementation at this time.

[21] Requirement to add bar-coded Foreign Military Sales data to the Issue Release/Receipt Document last reported as not implemented by USN and USMC. Refer to AMCL 8.

[22] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

For IUID to support UIT/serialized item management[23]:

Unique Item Identifier (UII) and/or Serial Number

The following additional data elements may be included in support of IUID:

Manufacturer's CAGE

Current Part Number

Batch/Lot

Clear text labeling of IUID information must be provided using the following acronyms: CAGE, P/N, BT/LT, S/N, and UII.

[23] See footnote 18.

AP3.49. APPENDIX 3.49

TRANSFERS TO DEFENSE REUTILIZATION AND MARKETING OFFICE ON DD FORM 1348-1A OR DD FORM 1348-2 (SINGLE-LINE ITEM TURN-INS)

FIELD LEGEND	RECORD POSITION(S)	ENTRY AND INSTRUCTIONS
Document Identifier	1-3	Perpetuate from the source document. For locally determined excesses generated at a base, post, camp, or station, assign a DI as determined by S/A procedures.
Routing Identifier	4-6	Enter the RI of the shipping activity or leave blank when the shipping activity is not assigned an RI.
Media and Status	7	Leave blank.
Stock or Part Number	8-22	Enter the stock or part number being turned in. For subsistence items, enter the type of pack in rp 21. See Block 25.
Unit of Issue	23-24	Enter the unit of issue of the stock or part number being turned in.
Quantity	25-29	Enter the quantity being turned in to DRMO.
Document Number	30-43	Perpetuate from source document. This cannot be the same document number that was used to receive the materiel. For locally determined excess generated at base, post, camp, or station, assign as determined by S/A procedures. See Block 24.
Suffix	44	Leave blank.
Supplementary Address	45-50	Enter DoDAAC of predesignated consignee DRMO.

Signal	51	For hazardous materiel and waste turn-ins, enter the applicable signal code; otherwise, leave blank. Signal Codes A, B, C, and L are authorized; if using Signal Code B, bill-to office must be identified in block 27. Refer to Appendix AP2.10, Signal Codes, for bill-to identification rules associated with DTID.
Fund	52-53	For Hazardous materiel and waste turn-ins, enter the MILSBILLS fund code designating the fund to be charged.
Distribution	54	Perpetuate from source document or leave blank.
Retention Quantity	55-61	Enter the quantity to be retained in inventory or leave blank.
Precious Metals	62	Enter applicable code from appendix AP2.23.
Automated Data Processing Equipment Identification	63	Enter applicable code from appendix AP2.24.
Disposal Authority	64	Enter applicable code from appendix AP2.21.
Demilitarization	65	Enter code assigned as required by DoD 4160.21-M-1. Note: When demilitarization has been accomplished prior to transfer to DRMO, the appropriate demilitarization certification, as required by DoD 4160.21-M-1, must be reflected in Block 27.
Reclamation	66	Enter code "Y" if reclamation was performed prior to release to a DRMO. Enter "R" if reclamation is to be performed after turn-in to DRMO. Enter code "N" if reclamation is not required.
Routing Identifier	67-69	Perpetuate from DRO.
Ownership	70	Enter applicable code or leave blank.
Supply Condition	71	Enter the applicable MILSTRAP code.
Management	72	Perpetuate from source document or leave blank.
Flight Safety Critical Aircraft Parts	73[1]	Enter criticality code E to indicate Flight Safety Critical Aircraft Parts or Code F to indicate Flight Safety Critical Aircraft Parts.

[1]Identification of FSCAP codes on the DTID and disposal release transactions last reported as not implemented by USA and USN. Refer to Approved DLSS/DLMS Change 6.

Unit Price	74-80	Enter the unit price for the NSN or part number in rp 8-22.[2]

BLOCK(S)	ENTRIES
1	Enter the extended value of the transaction.[3]
2	Enter the shipping point by DoDAAC; if reduced printing is used, in-the-clear address may be entered in addition to the DoDAAC.
3	Enter the consignee DRMO by DoDAAC. This will be the predesignated DRMO and will be entered by the shipping activity; if reduced printing is used, the in-the-clear address may be entered in addition to the DoDAAC.
4	Insert HM, if the turn-in is hazardous materiel or HW, if the turn-in is hazardous waste.
5	Enter the date of document preparation, if required by the shipper.
6	Enter the NMFC, if required by the shipper.
7	Enter the freight rate, if required by the shipper.
8	Enter coded cargo data, if required by the shipper.
9	Enter applicable controlled inventory item code which describes the security/pilferage classification of the shipment from DoD 4100.39-M, volume 10, chapter 4, table 61.
10	Enter the quantity actually received by the DRMO, if different from positions 25-29.
11	Enter the number of units of issue in a package, if required by the shipper.
12	Enter the unit weight applicable to the unit of issue, if required by the shipper.
13	Enter the unit cube applicable to the unit of issue, if required by the shipper.
14	Enter the uniform freight classification, if required by the shipper.
15	Enter the shelf life, if appropriate; otherwise, leave blank.
16	Enter in-the-clear freight classification nomenclature, if required by the shipper.
17	Enter the item nomenclature. For non-NSN items; enter as much descriptive information as possible. Specified additive data or certification from the generating source for specific types of property should be entered.

[2] ***Unit prices obtained via electronic interfaces which are not constrained by the MILSTRIP field size will reflect the unit price as 9 digits for dollars and 2 digits for cents. Refer to ADC 221.***

[3] ***If total price exceeds available space for display on the printed form, the generating application may leave blank. Refer to ADC 221.***

BLOCK(S)	ENTRIES
18	Enter type of container, if required by the shipper.
19	Enter number of containers that makes up the shipment, if required by the shipper.
20	Enter total weight of shipment, if required by the shipper.
21	Enter total cube of shipment, if required by the shipper.
22	Received By - Enter the signature of person receiving the materiel.
23	Date Received - Enter date materiel was received and signed for.
24	Document Number - Perpetuate from source document. This cannot be the same document number that was used to receive the materiel. For locally determined excesses generated at base, post, camp, or station, assign a document number as determined by Service/Agency procedures. Suffix Code - Leave blank.[4]
25	National Stock Number - Enter the stock number or part number being turned in. Additional - For subsistence items, enter the type of pack code rp 21.[5]
26	For turn-in to DRMO - This block will not contain bar code data, it is reserved for internal DRMO/DRMS.
27	This block may contain additional data including bar coding for internal. This block may contain a 2D symbol which repeats bar coded data content. Enter data in this block as required by the shipping activity or the DRMO receiving the material. When data is entered in the block, it will be clearly identified. HM/HW Turn-Ins – For hazardous materiel and waste turn-ins, enter the DoDAAC of the bill-to office (required for Signal Code B), the contract line item number (CLIN) for the item, and the total cost of the disposal. FSCAP Items –This block will contain both coding and clear-text information to identify Flight Safety Critical Aircraft Parts (FSCAP) shipments to DRMOs using Criticality Code E or F as follows: AFSCAP E - Flight Safety Critical Aircraft Part-Nuclear Hardened or AFSCAP F - Flight Safety Critical Aircraft Part.[6] For IUID to support UIT/serialized item management[7]:

[4]Data from blocks 24-25 will be displayed in two configurations; (1) three-of-nine bar code and (2) in-the-clear. When prepared manually, bar code will not be included.

[5]See Footnote 2.

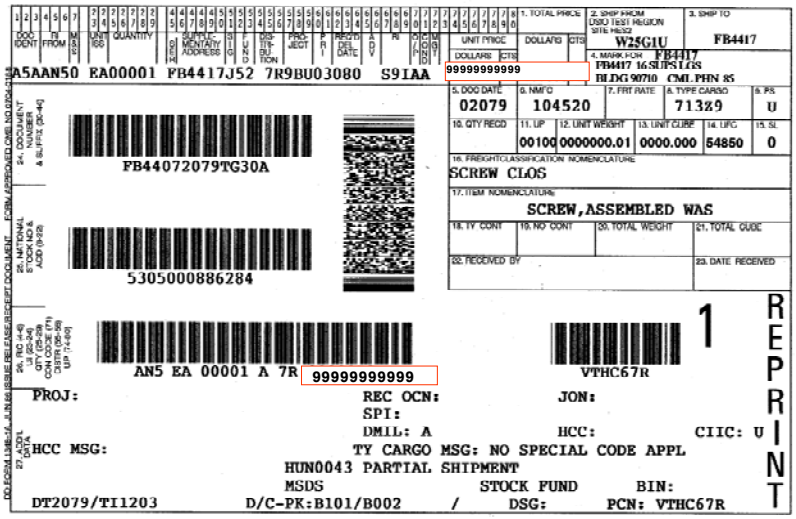
[6]See Footnote 1.

[7] Capability to support IUID data content within the 2D symbol has been approved for staggered and phased implementation under ADC 44B. Components have not reported implementation at this time.

BLOCK(S)	ENTRIES
	Unique Item Identifier (UII) and/or Serial Number The following additional data elements may be included in support of IUID: Manufacturer's CAGE Current Part Number Batch/Lot Clear text labeling of IUID information must be provided using the following acronyms: CAGE, P/N, BT/LT, S/N, and UII.

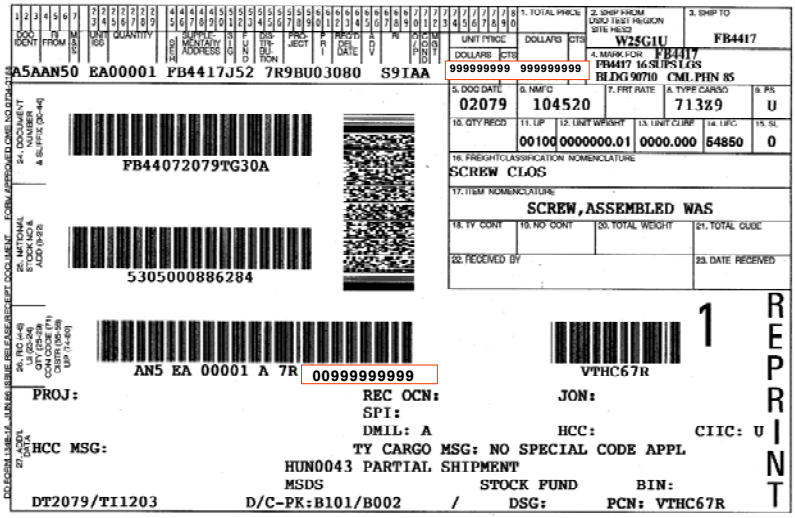
Enclosure 5

IRRD Examples



Example 1: This example shows a unit price using all available digits. The total price is blank because it is preferred to leave blank rather than truncate to fit the available space.

Double click on form to display full size document.
This is a mock-up. Price information is not accurate.



Example 2: This example shows a unit price which exceeds current field size, but is not the full 11 digits. Leading zeros beyond the current field size for unit price (7) or total price (9) need not be displayed due to space limitations. The total price is included because it will fit within the available space.

Double click on form to display full size document.
This is a mock-up. Price information is not accurate.