



**DEFENSE LOGISTICS AGENCY
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May 23, 2018

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

**SUBJECT: Approved Defense Logistics Management Standards (DLMS) Change (ADC)
1284, Issue Release/Receipt Document (IRRD) PDF417 Two-Dimensional (2D)
Bar Code Part Number Field Length (MILSTRIP/DLMS)**

We are forwarding the attached change to DLM 4000.25, Defense Logistics Management Standards, and DLM 4000.25-1, Military Standard Requisitioning and Issue Procedures (MILSTRIP), for implementation. This change is effective upon publication.

Addressees may direct questions to Mr. Eric Flanagan or Ms. Tonja Daniels, email: DLMS_MILSTRIP@dla.mil. All others must contact their Component designated Supply PRC representative available at www.dla.mil/HQ/InformationOperations/DLMS/allpoc.

HEIDI M. DAVEREDE
Director
Enterprise Business Standards Office

Attachment
As stated

cc:
ODASD (SCI)

Attachment to ADC 1284
Issue Release/Receipt Document (IRRD) PDF417
Two-Dimensional (2D) Bar Code Part Number Field Length

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION: Ellen Hilert, DOD MILSTRIP Administrator, Enterprise Business Standards Office (EBSO), email: DLMS_MILSTRIP@dla.mil

2. FUNCTIONAL AREA:

- a. **Primary/Secondary Functional Area:** Supply
- b. **Primary/Secondary Functional Process:** Distribution

3. REFERENCES:

- a. [DLM 4000.25-1](#), Military Standard Requisitioning and Issue Procedures (MILSTRIP) Appendix 1.35 Issue Release/Receipt Document (IRRD) (DD Form 1348-1A) with Code 39 (Three-Of-Nine) Bar Codes and PDF417 Two-Dimensional 2D Bar Code
- b. [Federal Logistics Information System \(FLIS\) Technical Procedures Data Element Dictionary](#), July 2017

4. APPROVED CHANGE(S):

a. **Brief Overview of Change:** This change is the first of multiple changes required to update the IRRD to correlate data content to the DLMS. This change expands the field length in the 2D bar code for the discrete part number entry to allow a 32-character part number comparable to FLIS catalog data. This change includes additional updates to clarify published guidance for the 2D bar code.

b. **Background:**

(1) DLMS transactions contain a standard 32-character part number field length. However, the table for creation of the IRRD PDF417 2D bar code indicates that the field length is 16 characters.

(2) The FLIS data element dictionary (Reference 3.b.) specifies a field length of 32 characters for part numbers as follows:

“3570	REF-NBR-LOG	REF_NBR_3570	F	CHAR	32
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REFERENCE NUMBER, LOGISTICS

A NUMBER, OTHER THAN AN ACTIVITY STOCK NUMBER, USED TO IDENTIFY AN ITEM OF PRODUCTION OR, EITHER BY ITSELF OR IN CONJUNCTION WITH OTHER REFERENCE NUMBERS, TO IDENTIFY AN ITEM OF SUPPLY (WHEN USED IN CONJUNCTION WITH THE CAGE CODE). INCLUDES MANUFACTURERS PART, DRAWING, MODEL, TYPE, SOURCE-CONTROLLING NUMBERS, SPECIFICATION-CONTROLLING NUMBERS, THE MANUFACTURERS TRADE NAME

WHEN THE MANUFACTURER IDENTIFIES THE ITEM BY TRADE NAME ONLY, NATO STOCK NUMBERS, SPECIFICATION OR STANDARD PART, DRAWING, OR TYPE NUMBERS. SEE VOLUME 10, TABLE 21 AND QUICK INFO ON-LINE.”

“3571 CONV-REF-NBR CONV_REF_NBR_3571 F CHAR 32

CONVERTED REFERENCE NUMBER

THE VALUE OF REFERENCE NUMBER, LOGISTICS AFTER IT HAS BEEN SUBJECTED TO THE REFERENCE NUMBER FORMAT CONVERSION CRITERIA. THIS VALUE IS USED IN ALL REFERENCE NUMBER SCREENING, INCLUDING NEW ITEMS, MAINTENANCE. THE CONVERTED REFERENCE NUMBER VALUE MAY OR MAY NOT BE EQUAL "" REFERENCE NUMBER, LOGISTICS VALUE.”

c. Approved Change in Detail: Update MILSTRIP 2D bar guidance to increase the discrete part number data field from 16 to 32 characters. Revise data format table instructions to clarify the intended content and replace the obsolete/inappropriate routing identifier code (RIC) S9I. This change specifically authorizes including the Commercial and Government Entity (CAGE) code and part number when materiel is identified by other types of numbers, (e.g., national stock number or local stock number).

d. Revisions to DLM 4000.25 Manuals: Revise DLM 4000.25-1 MILSTRIP Appendix 1.35 Issue Release/Receipt Document (IRRD) (DD Form 1348-1a) with Code 39 (Three-Of-Nine) Bar Codes and PDF417 Two-Dimensional 2D Bar Code as shown in extracted rows below.

Category/Description ANSI MH10.8.2 Format 06 Data Identifier (DI) or Format 07 Data Element Identifier (DEI)	Data Field (DoD Usage)	Data Format (Type/Length)	Sample Data (Compliance, Header, Identifier and Data)	Total Characters
N Category 14, Industry Assigned Codes: National/NATO Stock Number (NSN)	National 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 <i>legacy</i> MILSTRIP stock number field. <i>When using this data field to identify an item by CAGE Code/part number, also use separate identifiers below for CAGE Code and part number.</i> For unique item tracking or in support of DoD policy for the application of IUID in supply processes, use this identifier for the NSN and use separate identifiers listed below to uniquely identify a specific individual item.	AN/15	N5340013145957	17
V Category 22, Party to the Transaction: Supplier Code assigned by Customer	Routing Identifier Code – Shipping Activity Identifies the RIC of the source of supply <i>shipping activity</i> (MILSTRIP <i>legacy</i> transaction rp 4-6).	AN/3	V891 SRR	5
1P Category 16, Item Information: Item Identification Code assigned by Customer	Part Number The part number currently used to identify this item. <i>Use to supplement item identification when the item is otherwise identified (e.g., by NSN or local stock number) and when the combined CAGE code/part number is cited.</i>	AN/ 16 32	1P9988771212SP	19 35

e. **Transaction Flow**: Not applicable.

f. **Alternatives**: None identified.

5. **REASON FOR CHANGE**: Updates MILSTRIP guidance for current, accurate information.

6. **ADVANTAGES AND DISADVANTAGES**:

a. **Advantages**: Provides updated guidance for users. This change will expand 2D bar code part number field to 32-characters without requiring a major revision to re-map the stock number fields in the linear and 2D bar codes. This provides additional flexibility while continuing to support legacy constraints.

b. **Disadvantages**: Separate, future DLMS Changes are necessary to fully transition the IRRD data content for DLMS functionality.

7. **ADDITIONAL COMMENTS TO CONSIDER**:

a. A future change is required to adjust mapping for the 2D bar code data field for “National Stock Number (NSN) or Stock Identification Elements.” This data field is structured to mirror the legacy MILSTRIP stock number field, which is a multi-purpose data field. At a future date, the MILSTRIP Administrator will transition this field to discrete identifiers comparable to DLMS transactions.

Staffing Note: Components did not provide feedback on feasibility of eliminating the multi-purpose legacy equivalent stock number field in the 2D bar code and transitioning to discrete identifiers for data content currently carried in legacy record positions 8-22, inclusive of Component unique content.

b. This change does not modify field length for part numbers identified in the linear bar code in Block 25 of the IRRD. As with the 2D stock identification field, this data field is structured to mirror the legacy MILSTRIP stock number field and is a multi-purpose data field with a restricted field length. At a future date, the MILSTRIP Administrator will transition this field to support the standard part number field length when applicable.

c. A future change will update the field length for bar coded quantities for compatibility with the DLMS.

8. **ESTIMATED TIME LINE/IMPLEMENTATION TARGET**: This change is effective upon publication. Components must ensure compatibility with system design no later than December 2018.

9. **ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE**: None identified.

10. **IMPACT**:

a. **New DLMS Data Elements**: None.

b. **Changes to DLMS Data Elements:** None.

c. **Automated Information Systems (AIS):** AIT systems may require update to support the 32-character part number.

d. **Defense Automatic Addressing System (DAAS):** None identified.

e. **Non-DLM 4000.25 Series Publications:** Comparable update required to expand the part number field length from 16 to 32 characters in MIL-STD-129, Department of Defense Standard Practice Military Marking for Shipment and Storage. **The MIL-STD change is currently under coordination.**

11. PROPOSED DLMS CHANGE (PDC) 1279 STAFFING RESPONSE/COMMENT RESOLUTION:

	Originator	Response/Comment	Disposition
1.	Army	Concur	Noted
2.	Navy	Concur	Noted.
3.	Air Force	Concur	Noted.
4.	Marine Corps	Concur	Noted.
5.	USTRANSCOM	Abstain	Noted.
6.	DLA	Concur	Noted.