



SUSTAINMENT

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3500 DEFENSE PENTAGON
WASHINGTON, DC 20301-3500

MEMORANDUM FOR FINANCE PROCESS REVIEW COMMITTEE

SUBJECT: Approved Defense Logistics Management Standards Change 1307A, Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers (Finance)

The Defense Logistics Management Standards change, as outlined in the attachment, is approved for implementation.

Addressees may direct questions to Mr. Nolan Davis, e-mail: DEDSO.Finance@dla.mil. Others must contact their designated Process Review Committee representative available at <https://www.dla.mil/Defense-Data-Standards/Committees/Contacts/>.

Leigh E. Method, SES
Deputy Assistant Secretary of Defense
for Logistics

Attachments:

As stated

cc:

OUSDC(C)

DLA J6DS

Approved Defense Logistics Management Standards Change 1307A Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. Technical POC: Nolan Davis, Defense Enterprise Data Standards Office (DEDSO), (937) 474-6082, DEDSO.Supply@dla.mil.

b. Functional POC: Nancy Marczely, DLA Troop Support, Order Fulfillment Division, Business Process Support, (215) 713-5463, Nancy.Marczely@dla.mil.

2. REASON FOR CHANGE:

a. Bottom Line Up-Front: This change adds Global Trade Item Number (GTIN) identifiers to the Defense Logistics Management Standards (DLMS) 810L Logistics Bill transaction. It also supersedes the language in Approved DLMS Change (ADC) 1307 to expand the procedures associated with that change to all non-DoD customers, or non-appropriated fund activities, such as military exchanges.

b. Background:

(1) In 2012, DEDSO released ADC 473A (Reference 3.a.) to support the Army & Air Force Exchange Service (AAFES), the Marine Corps Exchange (MCX), and the Navy Exchange Services Command (NEXCOM). Hereafter, this change refers to these organizations collectively as the “military exchanges.” ADC 473A updated requisition-related transactions and shipment status to include a purchase order (PO) number.

(2) ADC 473A was necessary because the military exchanges follow commercial supply chain management practices to procure consumer items for the retail stores. The DLA Troop Support Clothing & Textiles (C&T) supply chain is the military exchanges’ supplier for military clothing items. While Department of Defense (DoD) activities normally send a requisition to replenish inventory, the military exchanges, like most commercial retailers, send EDI 850 Purchase Orders to their suppliers to replenish their inventory. Unlike the DoD requisition transactions, which include document numbers, the PO uses the PO number as the primary document identifier. Consequently, when military exchanges send a purchase order to DLA, they need the PO number returned in shipment notifications.

(3) ADC 473A added a data qualifier in DLMS requisition and issue transactions to identify the PO number so that DLA could return it in the DLMS 856S Shipment Status. ADC 473B (Reference 3.b) added this same qualifier to the DLMS 810L Logistics Bill (i.e., the invoice). Returning the PO number in the invoice and shipping documents allows the military exchanges to receipt items they buy from DLA against the purchase order and to pay the invoice more efficiently. Some of the military exchanges can translate their EDI 850s into DLMS 511R Requisitions internally, while others rely on the Defense Automatic Addressing System (DAAS)

to perform the conversion. Either way, DLMS transactions convey the data provided in the retailer's procurement system, and DLA must return that data.

(4) In 2018, NEXCOM participated in end-to-end electronic data interchange (EDI) tests with DLA. Because DLA implemented ADC 473A, the DLA Enterprise Business System (EBS) was able to pass the PO numbers to C&T third-party logistics (3PL) providers in the DLMS 940R Materiel Release Order. However, NEXCOM needed to send a GTIN identifier to DLA in the requisitions so that EBS could pass the GTIN to the 3PLs and ultimately back to NEXCOM.

(5) In the 1970s, the retail industry established what would eventually become the Universal Product Code (UPC). Outside of the United States and Canada, the European Article Numbering Association established the European Article Number (EAN). UPCs and EANs conform to GTIN data structures, which are a part of the GS1[®] standard and have international recognition. Companies use GTINs to identify their products and product variations uniquely. UPC and EAN barcodes encode these GTINs for easy scanning at the point-of-sale. Different types of GTIN exist depending on the region and the whether the product is for retail or wholesale. Items intended for UPC barcodes use GTIN-12, while EAN barcodes use GTIN-13. Wholesale and multi-pack items not intended for point-of-sale use the GTIN-14 structure.

(6) Despite using GTINs, the military exchanges do provide the national stock number (NSN) in their purchase orders. However, while the NSN is the standard item identification for DoD, the military exchanges' procurement systems stock items by GTIN. Therefore, when DLA fulfills an order received from a military exchange, the shipping documentation and invoice must include the GTIN number.

(7) To support NEXCOM's requirement for GTIN identifiers, ADC 1307 (Reference 3.c.) documented and authorized this capability for the requisition-related transactions and shipment notification but did not include the DLMS 810L Logistics Bill (i.e., the invoice). To address this gap, this change serves as an addendum to add that functionality to the DLMS 810L. In addition, ADC 1307 erroneously restricted GTIN functionality to NEXCOM. Consistent with the goals of ADCs 473A and 473B, this change will revise the DLMS notes in the applicable transactions to authorize the inclusion of GTIN numbers for all non-DoD customers. This includes non-appropriated fund activities like the military exchanges, and all other non-DoD customers that have inherently commercial supply chain practices.

3. CHANGE IN DETAIL:

a. Technical Details:

(1) This change will add the following qualifiers to the DLMS 810L as documented in the enclosure.

(a) EN – EAN/Uniform Code Council (UCC) - 13

(b) UK – EAN/UCC - 14

(c) UP – UCC - 12

(2) This change will also update the DLMS notes for the implementation conventions (ICs) included in ADC 1307 enclosure (DLMS ICs 511M Requisition Modification; 511R Requisition; 869F Requisition Follow-Up; 940R Materiel Release Order). This update will authorize the use of the GTINs for all non-DOD customers.

b. **Revised Transaction Flow**: No impact.

4. **IMPLEMENTATION TARGET**: Upon approval.

5. **TECHNICAL IMPACT**:

a. **Additions or Changes to Data Elements**: None. GTIN is already a standard element. (Reference 10.c.)

b. **Automated Information Systems (AIS)**: DLA EBS must implement this change.

c. **Defense Automatic Addressing System (DAAS)**: DAAS must update the mapping documents for the DLMS ICs included in this change.

6. **PUBLICATION/POLICY IMPACT**:

a. **Defense Logistics Manual (DLM) 4000.25**: Not applicable.

b. **Non-DLM 4000.25 Publications**: DLA may need to update its publications to reflect the changes included in this ADC.

7. **ASSUMPTIONS**: None.

8. **FINANCIAL IMPROVEMENT AND AUDIT REMEDIATION (FIAR), MATERIAL WEAKNESS, AND AUDIT-RELATED INFORMATION**:

a. **Notices of Findings and Recommendations (NFR)**: None identified.

b. **Corrective Action Plan (CAP) References**: None identified.

c. **Other FIAR, Material Weakness, and Audit-Related Information**: None identified.

9. **END-TO-END TESTING REQUIREMENTS**: All military exchanges need to perform testing with DAAS to ensure the GTIN is being processed with the 810L Logistics Bill.

10. **REFERENCES**:

a. Approved DLMS Change (ADC) 473A, DLMS Revisions to add the associated Purchase Order (PO) Number (Supports DLA Interface with the Exchange, Navy Exchange Service Command (NEXCOM), and Marine Corps Exchange (MCX) Non-Appropriated Funds (NAF) Activities, and Non-DOD Customers) (MILSTRIP/Supply/Finance), November 21, 2012

b. ADC 473B, DLMS Revisions to add the associated Purchase Order (PO) Number Supporting DLA Interface with The Exchange, Navy Exchange Services Command (NEXCOM), and Marine Corps Exchange (MCX) Non-Appropriated Funds (NAF) Activities, and Non-DOD Customers (Supply/Finance), November 13, 2013

c. ADC 1307, Update Requisition-Related DLMS Transactions to include GS1® barcode Information for the Navy Exchange Service Command (NEXCOM) (Supply), June 28, 2018

**11. PROPOSED DLMS CHANGE (PDC) 1307A RESPONSE/COMMENT
RESOLUTION:**

	Component	Response/Comment	Disposition
1.	DLA	Concur.	As noted.
2.	Navy	No response/concur.	No response within 30 days represents concurrence.
3.	Air Force	Concur with comment. Comment: Air Force: "Paragraph 4.b.7. the word "customers" is used. Proposed updates are using "wide customers" or "customers". If the author meant something else there, I'd recommend they review this."	DEDSO Response: The was a typo and has been corrected above.
4.	US Army	No response/concur.	No response within 30 days represents concurrence.
5.	USMC	No response/concur.	No response within 30 days represents concurrence.
6.	DAAS	Concur.	As noted.
7.	USTRANSCOM	Abstain.	As noted.
8.	DFAS	Concur.	As noted.
9.	DFAS-CL SOT Reconciliation Branch	Concur with comment. Comment: As far as interfund processing is concerned, we have one general comment in regard to the new identifiers for DLMS formatting provided to DAAS. DFAS-CL VISTA will still require DAAS to convert the DLMS formatting over to the MILSTRIP formatting to be accepted for processing. As long as these proposed changes do not conflict with this conversion, DFAS-CL SOT Reconciliation Branch concurs with moving forward with the proposed changes	DEDSO Response: Noted. GTIN is extended data that does not impact MILS conversions.

Enclosure:**Revise X12 EDI Implementation Convention as shown:**

Changes are identified by ***bold italics*** and deletions by single strike-through text.

#	Location	DLMS 511R Requisition	Reason
1.	DLMS Introductory Notes	<u>Add ADC 1307A to the DLMS Introductory Note:</u> <i>- ADC 1307A, Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers</i>	To identify changes made to the IC.
2.	2/PO114/030	<u>Update DLMS Note for Data Element PO114:</u> DLMS Note: Use only one of codes EN, UK, or UP to identify items by Global Trade Item Number. DLMS enhancements. Authorized for use by <i>non-DOD customers</i> NEXCOM . Refer to ADC 1307 <i>and ADC 1307A</i> .	To authorize the codes for all non-DOD customers (not just NEXCOM).

#	Location	DLMS 511M Requisition Modification	Reason
1.	DLMS Introductory Notes	<u>Add ADC 1307A to the DLMS Introductory Note:</u> <i>- ADC 1307A, Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers</i>	To identify changes made to the IC.
2.	2/PO114/030	<u>Update DLMS Note for Data Element PO114:</u> DLMS Note: Use only one of codes EN, UK, or UP to identify items by Global Trade Item Number. DLMS enhancements. Authorized for use by <i>non-DoD customers</i> NEXCOM . Refer to ADC 1307 <i>and ADC 1307A</i> .	To authorize the codes for all non-DOD customers (not just NEXCOM).

#	Location	DLMS 810L Logistics Bill	Reason
1.	DLMS Introductory Notes	<u>Add ADC 1307A to the DLMS Introductory Note:</u> <i>- ADC 1307A, Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers</i>	To identify changes made to the IC.
2.	2/IT110/010	<u>Open Data Element IT110 and mark it Used; add the following DLMS Notes:</u> DLMS Note: <i>1) For non-DoD DLMS use only.</i> <i>2) Use only one of codes EN, UK, or UP to identify items by Global Trade Item Number. DLMS enhancements. Refer to ADC 1307 and ADC 1307A.</i>	To authorize the codes for all non-DoD customers (not just NEXCOM).

#	Location	DLMS 810L Logistics Bill	Reason
		<p><u>Add the following Qualifiers and DLMS Notes:</u></p> <p>EN European Article Number (EAN) (2-5-5-1) DLMS Note: <i>1. This is the Global Trade Item Number (GTIN)-13.</i> <i>2. DLMS enhancement. See introductory note 6a.</i></p> <p>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) DLMS Note: <i>1. This is the Global Trade Item Number (GTIN)-14</i> <i>2. DLMS enhancement. See introductory note 6a.</i></p> <p>UP U.P.C. Consumer Package Code (1-5-5-1) DLMS Note: <i>1. This Global Trade Item Number (GTIN)-12.</i> <i>2. DLMS enhancement. See introductory note 6a</i></p>	
3.	2/IT111/010	<u>Open Data element IT111 and mark it as Used</u>	To perpetuate the value from the requisition.

#	Location	DLMS 869F Requisition Follow-Up	Reason
1.	DLMS Introductory Notes	<p><u>Add ADC 1307A to the DLMS Introductory Note:</u></p> <p>- ADC 1307A, Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers</p>	To identify changes made to the IC.
2.	2/LIN02/050	<p><u>Update DLMS Note for Data Element LIN02:</u></p> <p>DLMS Note: Use only one of codes EN, UK, or UP to identify items by Global Trade Item Number. DLMS enhancements. Authorized for use by <i>non-DoD customers</i> NEXCOM. Refer to ADC 1307 <i>and</i> ADC 1307A.</p>	To authorize the codes for all non-DoD customers (not just NEXCOM).

#	Location	DLMS 940R Materiel Release Order	Reason
1.	DLMS Introductory Notes	<p><u>Add ADC 1307A to the DLMS Introductory Note:</u></p> <p>- ADC 1307A, Addendum to ADC 1307 To Add Global Trade Item Number Identifiers to the Defense Logistics Management Standards 810L Logistics Bill for Non-Appropriated Fund Activities and Non-Department of Defense Customers.</p>	To identify changes made to the IC.
2.	2/W0106/0200	<p><u>Update DLMS Note for Data Element PO114:</u></p> <p>DLMS Note: Use only one of codes EN, UK, or UP to identify items by Global Trade Item Number. DLMS</p>	To perpetuate the value from the 511R.

#	Location	DLMS 940R Materiel Release Order	Reason
		enhancements. Authorized for use by <i>non-DoD customers</i> NEXCOM . Refer to ADC 1307 <i>and ADC 1307A</i> .	