



SUSTAINMENT

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3500 DEFENSE PENTAGON
WASHINGTON, DC 20301-3500

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE

SUBJECT: Approved Defense Logistics Management Standards Change 1460, Pre-Positioned Release Orders Process (Supply)

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

Addressees may direct questions to Dr. Gail Fuller, e-mail: dedso.supply@dla.mil. Others must contact their designated PRC representative available at <https://www.dla.mil/Defense-Data-Standards/Committees/Contacts/>.

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

Attachment:
As stated

cc:
OUSD(C)
DLA J6DS

Approved Defense Logistics Management Standards Change 1460

Pre-Positioned Release Orders Process

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. **Technical POC:** Dr. Gail Fuller, Defense Enterprise Data Standards Office (DEDSO), 571-789-6567, gail.fuller@dla.mil

b. **Functional POC:** Jim Lippstreu, Defense Logistics Agency (DLA), Logistics Operations (J34), 571-767-0496, James.Lippstreu@dla.mil.

2. REASON FOR CHANGE:

a. **Bottom Line Up-Front:** This change incorporates the ability to pre-position release orders (serviceable or non-serviceable) into the Defense Logistics Management Standards (DLMS). With DLA modernizing its warehousing system from the Distribution Standard System (DSS) to the Warehouse Management System (WMS), existing United States Air Force (USAF) to DLA direct connect interfaces are being replaced with DLMS compliant transactions. As part of this process, materiel owners will have the ability to pre-position release orders so materiel can be issued/disposed at time of receipt and therefore expediting the release of materiel to the customer or disposal. Significant changes after staffing the proposed change are in green shade.

b. Background:

(1) As noted, DLA is modernizing their warehousing systems. Part of that modernization effort requires the discontinuation of direct connections currently in place between the USAF Stock Control System (SCS) (D035K) and DSS. With the current DSS system being replaced by WMS, DLMS compliance is a priority for WMS implementation and all non-compliant processes must be discontinued.

(2) Prior to Base Realignment and Closure (BRAC) initiatives, USAF and DLA established a process that allows the USAF to inform DLA of any pending backlog of orders and the need to issue materiel as soon as it's receipted. Current functionality uses a direct connection between systems which allows DLA to receive a response within seconds without affecting the overall timeline in the receipt process. These direct connections were established in the late 1990s when DSS became the USAF inventory system of record. Direct connections are not DLMS compliant.

(3) To achieve DLMS compliance, DEDSO developed a solution that leverages current standards for order fulfillment and the receipt process in combination with a queue that allows release orders to be pre-positioned waiting for the receipt to take place. This solution will help expedite release orders while reducing the need to stow materiel.

(4) The process for pre-positioned release order was intended for the USAF maintenance sites release, but DEDSO believes the Department of Defense (DoD) can greatly

benefit from this change as it can help reduce stock levels of unserviceable materiel and accelerate materiel returns processing in addition to expediting materiel orders.

3. CHANGE IN DETAIL:

a. Technical Details:

(1) Add new qualifier SL - Scheduled, to the DLMS 527D Due-in/Advance Receipt /Due Verification at 2/BR06/20. This qualifier will help the storage activity know which materiel is associated to one or more pre-positioned release orders that requires issue at time of receipt. The materiel owner must provide a pre-positioned materiel receipt (PMR) for all materiel. However, to invoke this process, the materiel owner must use this qualifier in the PMR, otherwise, the materiel will be receipted and stowed accordingly.

(2) Under this new process, materiel owners may pre-position one or multiple release orders regardless of the type of release (materiel release orders (MROs), disposal release orders (DROs), or materiel returns). The proper qualifiers must be present both in the PMR and in the MRO to use this process.

(3) The prioritization for release of pre-positioned materiel release orders should follow the Uniform Materiel Movement and Issue Priority System (UMMIPS) standards. When multiple pre-positioned release orders match the materiel owner, national stock number (NSN), and supply condition code, the storage activity will sort first by priority designator code, followed by required delivery date, and the transaction date/time to determine what release orders should be released and fulfilled first. In addition, the materiel owner may use an advice code to indicate whether the release order must be filled with the exact quantity or if a partial fill is acceptable.

(a) The release sequence is 1) priority designator, 2) Chairman of the Joint Chiefs of Staff (CJCS) project codes (9**), 3) Not Mission Capable Supply (NMCS) related required delivery date (RDD) (999, N__, and E__) and 4) mass cancellation exception RDD 555. No other RDD is relevant for release priority. If no advice code is used, and/or all release orders have the same priority, required delivery date, advice code, and transaction date/time, the storage activity will start with the first one in the queue. NOTE: Non-date entries in the RDD field, (i.e., Codes E, F, N, R, 444, 555, 777, and 999) are referenced as special requirement codes under the DLMS.

(b) Under this process, if the materiel is discrepant, the storage activity will by-pass any pending pre-positioned release orders, complete the receipt, and report the discrepancy in accordance with the supply discrepancy reporting procedures.

(4) Open 1/W0508/200 element in the DLMS 940R Materiel Release transaction. This new element will be used to convey when the MRO will be added to the queue awaiting materiel to be receipted.

(5) Add new qualifier RA - Release Against Assortment, under 1/W0508/200, DLMS 940R Materiel Release transaction to indicate this is a pre-positioned release order. The new qualifier will help distinguish pre-positioned releaser orders versus a standard release order.

Qualifier RA will not attempt to issue the materiel until the pre-positioned release order is invoke.

(6) Add new qualifier CR - Change to Release, under 1/W0508/200, DLMS 940R Materiel Release transaction to indicate the storage activity may attempt to issue the materiel. However, if the materiel is not available, the storage activity will pre-position the order in lieu of a denial until materiel is available for issue.

(7) Add qualifier 43 - Supporting Document Number, under 2/N901/400, DLMS 940R Materiel Release transaction. The supporting document number can be used to convey a unique secondary document number or a unique control number relevant to the sender or receiver of the PMR.

(8) In combination with the qualifiers cited, storage activities implementing this new process will need to develop the necessary capabilities to recognize a pre-positioned release order and add the order to a pending queue internally until one of these conditions are met:

(a) The materiel to be receipted matches the owner, NSN, and condition code requested in one to many of the pre-positioned release orders. At this time, the release order can be processed and fulfilled either partially or in full quantity.

(b) Materiel owner sends a cancellation request via the DLMS 940R Materiel Release transaction.

(c) Materiel owner sends a materiel release update. At this time, the original request will be replaced/overlayed with the most current update.

(d) Release order has been waiting for materiel for over 45 days. At this time, the storage activity will attempt to issue the materiel. If no materiel is available, the storage activity will deny the order via the DLMS 945A Materiel Release Confirmation transaction. The materiel owner may transmit a new release order after the 45 days if materiel is still needed. For the new order, you may use the same document number with a suffix or a different one.

b. Revised Transaction Flow:

(1) Maintenance sites will requisition materiel, regardless of the source, and materiel is expected at a DLA storage activity.

(2) Soon after the materiel is requisitioned but no later than the delivery date, the materiel owner must transmit a PMR to the storage activity via the DLMS 527D transaction.

(3) The storage activity will then establish a due-in for the materiel.

(4) After transmitting the PMR, the materiel owner may transmit a pre-positioned release order per line item to ensure materiel is released as soon as its receipted. The pre-positioned release order and the PMR must use the qualifiers cited in section 3 of this change document.

(5) Before the receipt takes place, the materiel owner may update or cancel any pre-positioned release order as many times as necessary, based on service specific mission requirements and/or priorities.

(a) To update a pre-positioned release order, the materiel owner must use W0507=2 – Update, in the DLMS 940R Materiel Release, to indicate the transaction is an update.

(b) To cancel a pre-positioned release order, the materiel owner must use W0506=ND - Materiel Release Cancellation, in the DLMS 940R Materiel Release.

(6) During the receipt process, the storage activity will visually inspect the item and report any discrepancies through the supply discrepancy reporting process. If the materiel is discrepant, the storage activity will follow the supply discrepancy report (SDR) procedures in DLMS 4000.25, Chapter 17. Once the appropriate disposition is received and the materiel is re-classified to an unsuspended supply condition code, the storage activity will attempt to fulfil any pending pre-positioned materiel release orders.

(7) If the materiel is not discrepant, the storage activity will attempt to fulfill as many pre-positioned release orders as possible depending on the quantity to be receipted. The materiel to be receipted must match with any pre-positioned release order by owner, NSN, and supply condition code.

(a) If the release order quantity is equal to the quantity to be receipted, all materiel will be issued from receipt upon completion of the receipt process. At this time, the storage activity will report the receipt to the materiel owner and will process the MRO accordingly. The materiel will not be stowed.

(b) If the release order quantity is less than the quantity to be receipted, the materiel will be issued accordingly. Any remainder quantity will be stowed under the materiel owner reported via the PMR.

(c) If the release order quantity is greater than the quantity to be receipted, the storage activity will look at the advice code in the transaction. Unless otherwise stated in the release order using an advice code, the storage activity will issue the available quantity and deny the difference. Depending on the advice code, the release order may or may not be able to be fulfilled unless it is for the full quantity.

(8) When one or more pre-positioned release orders matched with the materiel to be receipted, the storage activity will look at priority designator code, required delivery date, and date/time transaction was received.

(9) The storage activity will then create a receipt and report to the materiel owner. In addition, the storage activity will transmit any additional transactions that pertain to the order fulfilment process (e.g., DLMS 867I Issue, DLMS 945A Materiel Release Confirmation, and DLMS 856S Shipment Status (as applicable)) to the materiel owner.

(10) The materiel owner will then recognize any balance affecting transactions and ensure inventory records are accurate.

4. IMPLEMENTATION TARGET: DLA WMS is scheduled to rollout to the first of three USAF maintenance locations in 3rd quarter fiscal year 2024. This change must be approved with ample time to design, build, and test all changes prior to the 3rd quarter fiscal year 2024 rollout. Components should evaluate the potential use of this process to potentially improve areas cited in section 2.b.(4).

5. TECHNICAL IMPACT:

a. Additions or Changes to Data Elements: SL - Scheduled, RA - Postpone Release, and CR - Release/Postpone are new qualifiers.

b. Automated Information Systems (AIS):

(1) Systems identified in this change are as follows:

(a) WMS - DLA Warehouse System. POC: Erin Fowles, email: erin.fowles@dla.mil

(b) SCS (D035K) - USAF Stock Control System. POC: [Rodney Smith, rodney.smith.37@us.af.mil](mailto:rodney.smith.37@us.af.mil)

c. Defense Automatic Addressing System (DAAS): Ensure the DLMS 527D and the DLMS 940R transaction mapping are up to date with the SL, RA, CR qualifiers. DAAS will also need to implement the most recent XML schemas to support WMS.

6. PUBLICATION/POLICY IMPACT:

a. Defense Logistics Manual (DLM) 4000.25, Volume 2 Supply:

(1) Chapter 4, Requisitioning

(2) Chapter 12, Due-In and Pre-Positioned Materiel Receipt

(3) Chapter 13, Materiel Receipt

(4) Chapter 16, Disposition Services

b. Non-DLM 4000.25 Publications: None identified.

7. ASSUMPTIONS: None.

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

a. **Notices of Findings and Recommendations (NFR):** N/A

b. **Corrective Action Plan (CAP) References:** N/A

c. **Other FIAR, Material Weakness, and Audit-Related Information:** N/A

9. END-TO-END TESTING REQUIREMENTS:

a. **Unit/System Test:** DLA WMS, USAF SCS, Navy OIS, and DAAS independently will perform extensive testing to ensure components meet all collaboratively agreed upon functional and technical requirements.

b. **Integrated Test:** DLA WMS, USAF SCS, Navy OIS, and DAAS collaboratively will execute integrated testing that covers all end-to-end scenarios to include negative tests.

10. REFERENCES:

a. DLM 4000.25, Volume 2, Chapter 4 - Requisitioning

b. DLM 4000.25, Volume 2, Chapter 11 - Materiel Returns, Redistribution of Assets, Directed Discrepant/Deficient Materiel Returns and Retrograde Returns

c. DLM 4000.25, Volume 2, Chapter 12 - Due-In And Pre-Positioned Materiel Receipt

d. DLM 4000.25, Volume 2, Chapter 13 - Receipt

e. DLM 4000.25 Volume 2, Chapter 16 - Disposition Services

11. PROPOSED DLMS CHANGE (PDC) 1460 RESPONSE/COMMENT RESOLUTION:

	Component	Response/Comment	Disposition
1.	ODASD (Logistics)	Concur.	Noted by signed PDC 1460.
2.	DAAS	Concur.	Acknowledged
3.	DLA	<p>Concur with Comments.</p> <p><i>Comment: The language in the paragraph should be changed to include a reference to UMMIPS, and specify that the order of operations is Priority, CJCS Project codes (9**), and NMCS Non-Standards RDDs (999, N__, E__, and then 555).</i></p> <p><i>Comment: Consider a second new 2/BR06/20 qualifier that indicates that there are high priority MROs (backorders) pending receipt, but that the MROs will be sent after receipt rather than before.</i></p>	Updated

	Component	Response/Comment	Disposition
		<p><i>Comment: That first sentence in b. Background (2) could be changed to read, "Prior to recent Base Realignment and Closure (BRAC) initiatives, USAF and DLA established a process referred to as Issue From Receipt that allows the USAF to inform DLA of any pending backlog of orders and the need to issue materiel as soon as it's receipted...."</i></p> <p><i>Comment: In paragraphs C12.3.7.5.2. and C12.3.7.5.3. the "LESS" and "MORE" are reversed. Closing sentences should read: "If the release order quantity is LESS than the quantity to be receipted, the materiel will be issued accordingly. Any remainder quantity will be stowed under the materiel owner reported via the PMR" and "If the release order quantity is MORE than the quantity to be receipted, the storage activity will look at the advice code in the transaction. Unless otherwise stated in the release order using an advice code, the storage activity will issue the available quantity and deny the difference. Depending on the advice code, the release order may or may not be able to be fulfilled unless it is for the full quantity."</i></p> <p><i>Comment: Same issue of the "LESS" and "MORE" reversal occurs on page 4.</i></p>	
4.	Army	Concur.	Acknowledged
5.	FAA	Concur with comment - No impact to FAA	Acknowledged
6.	Navy	Concur with comment – This change will impact Ordnance Information System (OIS)	Acknowledged
7.	Marine Corps	Concur without comment	Acknowledged
8.	Air Force	Concur with comment – USAF trying to delay implementation for 12 to 18 months to first modify D035K.	Acknowledged
9.	USTRANSCOM	Concur.	Acknowledged

Enclosure 1

Additions are identified by ***bold italics***.

A. Revise DLMS 527D Implementation Convention as shown:

#	Location	DLMS 527D Due-in/Advance Receipt /Due Verification	Reason
1.	DLMS Introductory Note	<u>Make the following modifications to DLMS Introductory Notes:</u> <i>- ADC 1460, Pre-positioned Release Orders Process</i>	Adds change to the introductory note.
2.	1/BR06/20	<u>Add code SL and DLMS Notes as follows:</u> <i>SL – Scheduled</i> <i>DLMS Note: Used in combination with BR02 code DE to indicate this transaction is associated to one or multiple pre-positioned release orders. Must use in combination with DLMS 940R Materiel Release qualifier W0508=RA or CR to invoke the pre-positioned release order.</i>	New qualifier to invoke the pre-positioned release order process. Must be used in combination with qualifier W0508=RA or CR to invoke the pre-positioned release order.

B. Revise DLMS 940R Implementation Convention as shown:

#	Location	DLMS 940R Materiel Release	Reason
1.	DLMS Introductory Note	<u>Make the following modifications to DLMS Introductory Notes:</u> <i>- ADC 1460, Pre-positioned Release Orders Process</i>	Adds change to the introductory note.
	1/W0508/0200	<u>Open W0508 and add two qualifiers and DLMS notes as follows:</u> <i>RA - Release Against Assortment</i> <i>DLMS Note: Used to request storage activity to hold the release of materiel pending inbound shipment. Must be used in combination with the PMR qualifier BR06=SL.</i> <i>CR - Change to Release</i> <i>DLMS Note: Must use when requesting storage activity to attempt to fulfill the order or hold if materiel is not available. Must be used in combination with the PMR qualifier BR06=SL.</i>	Indicates whether the release order should be put on hold

2.	2/N901/0400	<u>Add code 43 and DLMS Notes as follows:</u> <i>43 – Supporting Document Number</i> <i>DLMS Note: Used to perpetuate/convey a unique secondary control number as necessary. The content in this field may only be meaningful to the originator of this transaction. May be used to convey maintenance control/document numbers.</i>	Secondary document number to relate a release order with a maintenance document number.
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Enclosure 2

Additions are identified by **red** bold *italics* and deletions by double strikethrough.

A. Insert into DLM 4000.25, Volume 2, Chapter 4 Requisitioning

C4.7.14.1.8. Pre-position of Release Orders through the MRO Process. Materiel owners may pre-position release orders ahead of an inbound shipment into a DoD Storage Activity. See Chapter 12 for a complete description of the process.

B. Revisions to DLM 4000.25, Volume 2, Chapter 11 - Materiel Returns, Redistribution of Assets, Directed Discrepant/Deficient Materiel Returns and Retrograde Returns

C11.20.3.1.5. Upon receipt of materiel returns shipment status, the ICP/IMM will recalculate the EDD to equal the original time allowed for shipment and return of materiel (i.e., reset the EDD using the date of the shipment status as the starting date, comparable to MILSTRIP MRP EDD procedures) and provide a replacement PMR to the receiving location. This action will ensure that both records have the same EDD date. ***Materiel owners may pre-position release orders ahead of an inbound shipment into a DoD Storage Activity. See Chapter 12 for a complete description of the process.***

C. Insert into DLM 4000.25, Volume 2, Chapter 12 Due-In And Pre-Positioned Materiel Receipt

C12.3.7. PRE-POSITION OF RELEASE ORDERS THROUGH THE PMR PROCESS

C12.3.7.1. Materiel owners may pre-position release orders ahead of an inbound shipment into a DoD Storage Activity. To invoke this process, the materiel owner must:

– Schedule pre-release in the DLMS 527D PMR (1/BR06/20 = SL)

– Postpone or Postpone Release pre-release of due-in via the DLMS 940R Materiel Release transaction, qualifier 1/W0508/0200= RA - Release Against Assortment (pre-position) or CR - Change to Release (release and pre-position). To request the storage activity to pre-position the release order, use code RA. To request the storage activity to attempt to fulfill the order but if the materiel is not available, pre-position the release order instead of processing a denial.

C12.3.7.2. After transmitting the PMR with the appropriate qualifier for pre-release, the materiel owner needs to transmit a pre-positioned release order

per line item to ensure materiel is released as soon as its receipted. The pre-positioned release order and the PMR must use the appropriate qualifier to invoke the process. When the appropriate qualifier is not present in the PMR, the storage activity will not attempt to fulfill any pre-positioned release order during the receipt process. Without the appropriate qualifiers in the release order, the release order will be fulfilled as a regular request, and it may result in a denial if the materiel is not available.

C12.3.7.3. Before the receipt takes place, the materiel owner may update or cancel any pre-positioned release order as many times as necessary, based on service specific mission requirements and/or priorities.

C12.3.7.3.1 To update a pre-positioned release order, the materiel owner must use 1/W0507/0200 = 2 Update, to indicate the transaction is an update.

C12.3.7.3.2. To cancel a pre-positioned release order, the materiel owner must use 1/W0506/0200 = ND Materiel Release Cancellation.

C12.3.7.4. When the pre-positioned release order process is invoked during the receipt process, the storage activity will visually inspect the item and report any discrepancies through the supply discrepancy reporting process.

C12.3.7.4.1. If the materiel is discrepant, no pre-prepositioned release orders will be fulfilled.

C12.3.7.4.2. If the materiel is not discrepant, the storage activity will attempt to fulfill as many pre-positioned release orders as possible depending on the quantity to be receipted.

C12.3.7.5. The materiel to be receipted must match with any pre-positioned release order by owner, NSN, and supply condition code.

C12.3.7.5.1. If the release order quantity is equal to the quantity to be receipted, all materiel will be issued from receipt upon completion of the receipt process. At this time, the storage activity will report the receipt to the materiel owner and will process the MRO accordingly. The materiel will not be stowed.

C12.3.7.5.2. If the release order quantity is less than the quantity to be receipted, the materiel will be issued accordingly. Any remainder quantity will be stowed under the materiel owner reported via the PMR.

C12.3.7.5.3. If the release order quantity is greater than the quantity to be receipted, the storage activity will look at the advice code in the transaction. Unless otherwise stated in the release order using an advice code, the storage activity will issue the available quantity and deny the difference. Depending on

the advice code, the release order may or may not be able to be fulfilled unless it is for the full quantity.

C12.3.7.5.4. When one or more pre-positioned release orders matched with the materiel to be receipted, the storage activity will look at priority designator code followed by required delivery date, Advice code, and date/time transaction was received.

C12.3.7.5.5. The storage activity will then create a receipt and report to the materiel owner. In addition, the storage activity will transmit any additional transactions that pertain to the order fulfilment process (DLMS 867I Issue transaction, DLMS 945A Materiel Release Confirmation, and DLMS 856S Shipment Status) as applicable to the materiel owner.

C12.3.7.6. The materiel owner will then recognize any balance affecting transactions and ensure inventory records are accurate.

C12.3.7.7. Criteria for pre-positioned release orders. In combination with the qualifiers cited under C12.3.7.1, storage activities implementing this new process will need to develop the necessary capabilities to recognize a pre-positioned release order and add the order to a pending queue internally until such time one of these conditions are met:

- The materiel to be receipted matches the owner, NSN, and condition code requested in one to many of the pre-positioned release orders. At this time, the release order can be processed and fulfilled either partially or in full quantity.*
- Materiel owner sends a cancellation request via the DLMS 940R Materiel Release transaction.*
- Materiel owner sends a materiel release update. At this time, the original request will be replaced/overlayed with the most current update.*
- Release order has been waiting for materiel for over 45 days. At this time, the storage activity will attempt to issue the materiel. If no materiel is available, the storage activity will deny the order via the DLMS 945A Materiel Release Confirmation transaction. The materiel owner may transmit a new release order after the 45 days if materiel is still needed. For the new order, you may use the same document number with a suffix or a different one.*

D. Revisions to DLM 4000.25, Volume 2, Chapter 13 Receipt

C13.2.1.3. When the pre-positioned release order process is invoked during the receipt process, the storage activity will issue the materiel in accordance with any pending release order. See Chapter 12 for a complete description of the process.

E. Revisions to DLM 4000.25 Volume 2, Chapter 16 Disposition Services

C16.8.6. Pre-position of Release Orders Through the PMR Process. The pre-position of a disposal release order will make sure inbound materiel is sent to disposal upon receipt and prevents unserviceable materiel to be stored waiting for disposal instructions. Upon completion of the receipt, the disposal release order will be process accordingly. The materiel then will be staged expecting transportation to a DLA Disposition Services. See Chapter 12 for a complete description of the process. Although the description under chapter 12 is for serviceable materiel, the process remains the same for any order fulfillment release order.