



DEFENSE LOGISTICS AGENCY  
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IN REPLY  
REFER TO DLMSO

October 7, 2009

MEMORANDUM FOR SUPPLY PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Approved Defense Logistics Management System (DLMS) Change (ADC) 342, Revise DLMS 527D Advance Receipt Information and 527R Receipt in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply) (Staffed by PDC 352A)

The attached change to DoD 4000.25-M, DLMS, is approved for the earliest implementation date agreed upon by Navy and the Defense Automatic Addressing System Center (DAASC). Navy provided an implementation date of October 2, 2009. The updated DLMS Supplement will be posted to the Defense Logistics Management Standards Office (DLMSO) Web site, <http://www.dla.mil/j-6/dlms0/elibrary/TransFormats/formats.asp>, within **10** days from the above date for implementation planning.

Addressees may direct questions to the DLMSO point of contact Ms. Mary Jane Johnson, email: [Mary.Jane.Johnson@dlm.mil](mailto:Mary.Jane.Johnson@dlm.mil). Others must contact their Component designated Supply PRC representative.

  
DONALD C. PIPP  
Director  
Defense Logistics Management  
Standards Office

Attachment

cc:  
DUSD(L&MR)SCI  
Joint Physical Inventory Working Group (JPIWG)

## ATTACHMENT TO ADC 342

### Revise DLMS 527D Advance Receipt Information and 527R Receipt in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply)

1. **ORIGINATOR:** Navy, NAVSISA, CAV II Program, Code 924, 717-605-5660

2. **FUNCTIONAL AREA:** Supply

3. **REFERENCES:**

a. DLMSO memorandum, October 7, 2009, subject: ADC 341, DLMS Supplement (DS) 867I Issue in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply)

b. DLMSO memorandum, October 7, 2009, subject: ADC 343, Revise DLMS Supplement (DS) 947I Inventory Adjustment Transaction in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply)

4. **APPROVED CHANGE:**

a. **TITLE/DESCRIPTION:**

(1) **Title:** Revise DLMS 527D Advance Receipt Information and 527R Receipt in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply)

(2) **Description of Change:** Revise DLMS to support Navy ERP and CAV II requirements by adding specific data elements and code values to DS 527D Advance Receipt Information (ARI)/Prepositioned Materiel Receipt (PMR) and 527R receipt transactions. Includes interim process for Navy ERP requirement for separate, multiple “detail” transactions for a given receipt transaction to accommodate CAV in Navy ERP release 1.1.

b. **NAVY CAV AND ERP DETAIL AND SUMMARY TRANSACTIONS FOR RECEIPT:**

(1) In Navy CAV system, a “summary” transaction by document number and by national item identification number (NIIN) for receipt transactions has the total receipt quantity that causes the asset balance to change. In addition Navy CAV also processes associated individual “detail” receipt transactions for that document number/NIIN. Each “detail” transaction is for a quantity of 1, has a unique repair cycle document number (RCDN), and does not affect the balance. The summary receipt transaction set identifies the 'RCDN Range Start' and 'RCDN Range End' associated with the corresponding detail transactions. The CAV RCDN is assigned by the CAV II System when the item(s) is receipted into CAV. The RCDN identifies an individual item at the contractor’s plant and is used for tracking purposes. Position (1-6) identifies the Contractor’s DODAAC, (pos 7-10) identifies the Julian Date, and (pos 11-14) identifies the Serial Number. Each item has its own unique RCDN.

**Staffing Note:** Navy ERP Summary-Detail requirement for CAV is also addressed in ADC 341 (reference 3a) for DLMS 867I Issue and ADC 343 (reference 3b) for DLMS 947I Inventory Adjustment (for DI Code DAC equivalent functionality).

(2) CAV II sends “detail” and “summary” transactions together in their “end of day” process. For that "end of day" run there will be a summary transaction for each Document Number along with the detail transactions for that Document Number. CAV will run "end of day" throughout the day - for example every hour - and each time they will output sets of detail/summary receipt transactions for whatever happened during that hour. The details always add up to the summary for that "end of day" run - i.e. make a complete set. The summaries are just for the transactions in that hourly run - there is no cumulative summaries that cross runs. The detail transactions are all individual DLMS transactions so they are processed as they arrive at Navy ERP throughout the day. There is no batching process on the ICP side. The detail and summary transactions will be processed in close proximity to each other - but in no specific order - details could be processed before summary and vice versa. CAV II uses the receipt summary transaction for the total quantity received (e.g., a quantity of 4), and uses a ‘detail’ receipt transactions as a means to track each one of those 4 items received by its unique RCDN

(3) The DOD MILSTRAP Administrator notes that while Navy’s proposed change addressed their ‘summary’ transactions as MILSTRAP Document Identifier (DI) Code D4X/D6X, the use of D4X/D6X as described with CAV II is a violation of MILSTRAP. MILSTRAP DI Code D4X/D6X is a Logistics Reassignment transaction which the Losing Item Manager (LIM) sends to the Gaining Item Manager (GIM). DLMSO also noted in an August 19, 2009 telecon with CAV the DLMSO position that the balance affecting “summary” transaction for the full receipt quantity should reflect a valid MILSTRAP DI Code, and the CAV breakout of that receipt into detail records for 1 each which do not affect the balance, should have used some other designation. Further, by definition in DOD 4000.25-2-M, MILSTRAP, DI Codes with a numeric second position are balance affecting transactions; hence the CAV use of valid MILSTRAP receipt D4\_/D6\_ for detail transactions which do not affect balance also deviates from DOD policy.

**DLMSO made the following recommendation for Navy ERP which Navy indicated they could not incorporate in time for Navy ERP 1.1:**

(a) To accommodate this under DLMS, DLMSO recommends Navy ERP use a single DLMS 527R Receipt transaction for both the summary and associated detail information by providing the controlling document number/NIIN and summary quantity in the LOOP ID LIN and include the detail information RCDN in Loop ID REF imbedded in LOOP ID LIN (if RCDN is required --see RCDN recommendation below).

(b) RCDN: Navy indicated that the RCDN identifies an individual item at the contractor’s plant and is used for tracking purposes. DLMSO recommends that Navy use the Item Unique Identification (IUID) unique item identifier (UII) to track an item in maintenance repair facility rather than an RCDN. The UII is available in the imbedded LOOP ID REF.

(c) Recommend Navy ERP transition to providing detail information within the standard DLMS Receipt transaction through looping structure as identified in subparagraph (3)(a) above, and Navy ERP reexamine purpose of the RCDN to track an individual item at the repair facility in light of established DOD policy for IUID UII which can be used to track an individual item.

(4) **Interim Measure.** Since Navy ERP cannot accommodate the recommended 527R Receipt processing in subparagraph (3)(a) , (3)(b) and (3)(c) above for Navy ERP 1.1, as an **interim measure** to accommodate Navy ERP’s immediate requirement for interface with Navy CAV II legacy system, DLMSO is providing for interim use of LIN01 code ‘Y’ for nonstandard use of a non-balance affecting detail receipt transaction by unique RCDN for each item.

**c. REVISE DS 527R AS SHOWN IN THE CHANGE TABLE AT ENCLOSURE 1.**

**d. REVISE DS 527D AS SHOWN IN THE CHANGE TABLE AT ENCLOSURE 2.**

**e. NAVY'S ORIGINAL PROPOSAL FOR 527D/527R MAPPING IS AT ENCLOSURE 3.**

Strikethrough and yellow highlight in Enclosure 3 show deviations from Navy's original proposed mapping.

**5. PDC 352A COMMENTS:**

**a. DLA DDC provided the following comment:**

DLA DDC Comment:	DLMSO RESPONSE
"Operationally, the DDC has concerns with shipments of these assets to our depots where the contractor is attaching DD250's and 1348's to the documentation, which causes the receiving operators confusion. It also has been found that these small contractors have DODAAC's that are not registered with DODAAD. My understanding is that these are CAGE codes of the vendors used by Navy, which usually start with a Q. Transactions are not rejected, but when DSS attempts to process a receipt, we validate DODAAC against the DODAAD and receive a reject. We then must use a workaround to process this materiel into stock with the Document number DODAAC supplied, which also causes confusion and poises our receivers for a higher error rate in receipts."	Concern is noted.  DLMSO is planning a meeting with Navy, DAASC, DLA/DDC/DSS regarding another Navy DoDAAC issue.  DLMSO will add this topic to the agenda. Meeting date TBD.

**b. Navy provided the following comments:**

**1) DLMS Compliant Standards changes, estimated implementation date - NAVSUP HQ will insure funding is in place for CAV and begin re-engineering changes to the CAV program(s) to correct Transaction Sets addressed by ADCs 341, 342, and 343 [formerly PDCs 351A, 352A, 353 and Addendum to PDC 353] for compliance with DLMS standards, or incorporate/subsume CAV in a Navy ERP spiral release, after Navy ERP completes the Single Supply Solution Release 1.1 implementation in 2012.**

**2) DLMSO asked if ADCs 341, 342, 343 would impact DLA DSS. Navy confirmed there is no impact to DSS. These ADCs only deal with data for transactions between Navy ERP and CAV. The new fields like RCDN are just used during the repair process - not by the receiving process at the Distribution Depot (DD). The National Item Identification Number (NIIN) is also only used between Navy ERP and CAV. Navy ERP will send a PMR to DSS that has the full NSN.**

**6. REASON FOR CHANGE:** Navy-ERP has requested that CAV II transmit DLMS transaction sets for all requisition/repair transactions which are identified to a Navy-ERP NIIN during the CAV II "End of Day" Process. CAV use of the 527D/527R transaction contains data requirements not accommodated by the existing DS. Navy submitted complimentary changes to accommodate CAV II data requirements in the following transaction sets: DS 867I Issue (ADC 341), DS 947I Inventory Adjustment (ADC 343) and DS 856S Shipment Status (PDC 350).

**7. ADVANTAGES AND DISADVANTAGES:**

**a. Advantages:** Clarifies CAV data requirements for DS 527D Materiel Due-In and DS 527R Material Receipt. Provides for Navy CAV/ERP requirement for summary-detail transactions on an interim basis to accommodate CAV legacy system requirement.

**b. Disadvantages:** Navy CAV II legacy system continues to use MILSTRAP DI Code D4X-D6X logistics reassignment related transactions as part of their receipt Summary-Detail process in a nonstandard manner that deviates from DOD procedure. Navy ERP perpetuates the nonstandard concept of separate summary (balance affecting receipt) and detail (non-balance affecting receipt) transactions for Navy ERP release 1.1. **See Navy comment at paragraph 5.b.1).**

**8. IMPACT:**

**a. Publication(s):** DS 527D and DS527R.

**b. Systems/Applications:** Changes impacts DAAS, Navy ERP and CAV II Systems. CAV II changes have been incorporated and documented in the CAV II mapping. Updates based upon the approved change will be made. **No impact to DLA DSS.**

**c. DAASC Mapping:** Updates required to DAASC mapping from CAV legacy transactions to DLMS.

**d. New DLMS Data Elements.** This change adds the following new DLMS Data Element not included in any previous DLMS transactions:

527R Data Element ID	Code/Name	Navy CAV/ERP Use
2/N901/90 128	UV Range Number	Used to provide the RCDN Range

**e. Interim Code.** This change revised use of LIN01 coding to provide an interim use for Navy ERP/CAV:

527R Data Element ID	Code/Name	Interim Use	Comment
2/LIN01/10 350 Revised note for value of 527R LIN01 to add value 'Y'	527R LIN01 Value 'Y'  This code is used as a "Non-balance Effecting CAV Detail Flag"	Value 'Y' Authorized for interim use by Navy to identify CAV non-balance affecting 'detail' receipt transactions.	Authorized for temporary use only. Value 'Y' will be deleted at a future date.

Enclosures:

- 1) DS 527R Change Table
- 2) DS 527D Change Table
- 3) Navy Mapping Proposal

**ENCLOSURE 1 TO ADC 342**  
**DLMS Supplement 527R Change Table**

Item #	Location	CHANGE TABLE for DS 527R Receipt	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 342 to Introductory note 7</u></p> <p>- ADC 342, Revise DLMS 527D Advance Receipt Information and 527R Receipt in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction (Supply)</p>	To identify DLMS changes included in the DS
2.	2/LIN01/10	<p><b><u>Revise existing LIN01 DLMS Note to add new entry #24 ‘Y’ to address Navy ‘detail’ records for interim basis:</u></b></p> <p style="text-align: center;"><b><i>24. Y – CAV Detail Record.</i></b></p> <p><b><i>Authorized for INTERIM USE by Navy as a flag to identify CAV non-balance affecting ‘detail’ receipt transactions. The balance affecting CAV “summary” receipt transaction must use the appropriate standard LIN01 code. Value ‘Y’ is nonstandard and is authorized for intra-Navy interim use pending implementation of “detail” information within a standard DLMS receipt through looping structure. Navy will address CAV becoming compliant with DLMS standard after Navy ERP completes the Single Supply Solution Release 1.1 implementation in 2012. LIN01 code ‘Y’ will be deleted from 527R at that time. Refer to ADC 342.</i></b></p>	<p>Needed on a interim basis to support an existing Navy CAV process in Navy ERP’s DLMS Migration effort. The existing process is a nonstandard use of the DLSS and DLMS transactions, and is only being authorized in DLMS for a temporary period until Navy ERP can migrate to a standard use of DLMS receipt transaction for the CAV detail information, at which time this code will be eliminated from DS 527R.</p> <p><b><u>Staffing note:</u></b> Navy may have to “flip” this when interfacing with Navy CAV legacy using ‘MILS’ to reflect their nonstandard use of summary-detail transaction. Navy CAV uses the MILSTRAP standard receipt as a non-balance affecting detail transaction, and CAV uses MILSTRAP D4X/D6X logistics reassignment receipt transactions for a “summary” receipt balance affecting transaction. Navy CAV process for use of D4X/D6X deviates from established DOD policy and procedure.</p> <p>Navy ERP to negotiate with DAASC on whether DAASC can flip, or will Navy ERP perform the flip.</p>

Item #	Location	CHANGE TABLE for DS 527R Receipt	Reason
3.	2/LIN02/10	<p><u>Revise the data element level note and add qualifier 'NN' with DLMS note:</u></p> <p><b>Product/Service ID Qualifier</b></p> <p><b>DLMS Note:</b> 1. Use only one of codes A1, A2, A3, A4, FB, FS, FT, MG, <i>NN</i>, YP or ZZ to identify the materiel. Must use National Stock Number (NSN) (<del>code FS</del>) when known, except when appropriate brand name subsistence items are identified by the Subsistence Identification Number (<del>code A4</del>). <i>An exception is also authorized for CAV where materiel may be identified by the National Item Identification Number (NIIN) when the Federal Supply Code (FSC) is not available.</i></p> <p><b>NN National Item Identification Number</b></p> <p><b>DLMS Notes:</b> 1. <i>Use only for CAV when the NSN (FSC plus NIIN) is not available. Refer to ADC 342.</i></p> <p>2. <i>Qualifier NN is a migration code approved for use in X12 version 5020. This is an authorized DLMS enhancement for use by CAV and by CAV trading partners by mutual agreement.</i></p>	<p>Navy CAV-unique requirement: FSC is not included in the CAV database, and the submitter of the CAV transaction does not have access to it. If he/she happens to know it, then he/she could provide it, but it is highly unlikely that the CAV user (a contractor at the CAV site) will have that information. It would require a significant change to the CAV system to be able to access that information from either Navy ERP or FLIS. NAVSUP will explore including the FSC in this field when we make the changes in CAV and Navy ERP to become fully DLMS compliant, after we complete Navy ERP implementation in FY12. However, Navy cannot make those changes right now, because we are in the midst of integrated system testing of the CAV-Navy ERP processes.</p> <p><b>Staffing Note:</b> A migration code is added for identification of the NIIN when passed in the 527R Use of a "migration code" refers to establishing an agreement with all trading partners to use a valid X12 code from a higher version, with its approved X12 definition, at a lower version of X12. Manual intervention may be needed for some commercial applications to accept the higher version code. (Approved DLMS Change 329, Use of Borrowed and Migration Codes in DLMS Supplements)</p>

Item #	Location	CHANGE TABLE for DS 527R Receipt	Reason
4.	2/N901/90	<p><u>Add qualifier 'Q9' with DLMS note:</u></p> <p><b>Q9 Repair Order Number</b></p> <p><b>DLMS Note:</b> <i>CAV uses to cite the Repair Cycle Document Number (RCDN) assigned by the CAV II System. CAV uses with CAV Detail record which is Navy CAV nonstandard use of a receipt transaction for a non-balance affecting transaction. The RCDN identifies an individual item at the contractor's plant and is used for tracking purposes Each item has its own unique RCDN. Only authorized for use with LIN01 code 'Y-CAV Detail Record'. Position (1-6) identifies the Contractor's DODAAC, (pos 7-10) identifies the Julian Date, and (pos 11-14) identifies the Serial Number. Refer to ADC 342.</i></p>	<p>Documents CAV II requirement for a Repair Cycle Document Number (RCDN). Documents that RCDN is used in receipt transaction <b>for the detail records only.</b></p> <p><b>Contains administrative changes for consistency with wording of DLMS note for qualifier 'Q9' in PDC 350, and ADCs 341, &amp; 343.</b></p> <p><b>NOTE: The standard receipt ('summary') transaction contains the RCDN range at 2/N901/90 'UV'.</b></p>
5.	2/N901/90	<p><u>Add qualifier 'UV' with DLMS note:</u></p> <p><b>UV Range Number</b></p> <p><b>DLMS Note:</b> <i>CAV uses with receipt transactions to cite the CAV Repair Cycle Document Number (RCDN) range. The RCDN range is a 28 position field. The first 14 positions identify the RCDN Range Start. The remaining 14 positions identify the RCDN Range End. Refer to ADC 342.</i></p>	<p>Documents CAV II requirement for the 28 position <b>range</b> for the Repair Cycle Document Number (RCDN) in the standard balance affecting 'summary' receipt transaction.</p> <p><b>Staffing note:</b> Navy may have to "flip" this when interfacing with Navy CAV legacy using 'MILS' to reflect their MILSTRAP use of summary-detail transaction which uses the MILSTRAP standard receipt as a non-balance affecting detail transaction, and provides for CAV use of the MILSTRAP D4X/D6X logistics reassignment receipt transaction for a "summary" receipt transactions. This Navy CAV process deviates from established DOD policy and procedure.</p>
6.	2/N901/90	<p><u>Revise DLMS note 3 for existing qualifier 'X9':</u></p> <p><b>X9 Internal Control Number</b></p> <p><b>DLMS Note:</b> <i>3. Contractor's Reference Number is used to indicate the unique number used by the CAV II System to identify and track EDI transactions. Refer to ADC 342.</i></p>	<p>Administrative change to DLMS note for consistency with wording of DLMS note for qualifier 'X9' in PDC 350, and ADCs 341 &amp; 343.</p>

**ENCLOSURE 2 TO ADC 342**  
**DLMS Supplement 527D Change Table**

Item #	Location	CHANGE TABLE for DS 527D	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 342 to Introductory note 7</u>            - ADC 342, Revise DLMS 527D Advance Receipt Information and 527R Receipt in Support of Navy Enterprise Resource Program (ERP) and Commercial Asset Visibility II (CAV II) Systems with Interim Measure for CAV Detail Receipt Transaction</p>	To identify DLMS changes included in the DS
2.	1/N101/70	<p><u>Revise N101 DLMS note:</u></p> <p><b>DLMS Notes:</b>  <i>1. For logistics reassignment transactions associated with 1/BR01/20 codes LC, TI, TJ, and TK, use only one of codes ZN, or ZP. For logistics reassignment memorandum due-in transactions (1/BR02/20 code DA with 2/LIN01/10 code T), use only code ZN.</i></p> <p><i>2. For Prepositioned Materiel Receipt/Advance Receipt Information (PMR/ARI) transactions (1/BR02/20 code DE), use code KA to identify the ICP to which the receipt will be reported. This will normally be the organization generating the PMR/ARI transaction. Repeat the N1 loop to use qualifier 41 when the organization returning the materiel and preparing the PMR/ARI transaction is different from the organization to which the receipt will be reported.</i></p> <p><u>Add new code '41-Submitter' with DLMS notes:</u></p> <p><b>41 Submitter</b></p> <p><b>DLMS Note 1.</b> <i>Use to identify the party preparing the PMR/ARI when the receipt is to be reported to another organization.</i></p> <p><i>2. DLMS enhancement; see introductory DLMS note 4a. Refer to PDC 331.</i></p> <p><i>3. CAV uses with PMR/ARI transaction to identify that the CAV contractor maintenance site shipping the item is generating the transaction. Authorized DLMS migration enhancement for CAV use. See introductory DLMS note 4.g. Refer to ADC 342.</i></p>	<p><b>Administrative update at note 1</b> clarifies that codes ZN and ZP (LIM and GIM) are only used with logistics reassignment transaction functions.</p> <p><u>Navy Business Logic:</u> When the CAV contractor returns an asset to a stock point; the asset is issued (867I/DI Code D7_) and under MILS, CAV also creates a PMR. CAV generates PMR based on a 'CAV User Preference' which is set by the ICP CAV Administrator.            NOTE: CAV sends this PMR transaction set via DAASC to Navy-ERP.</p> <p>DLMSO NOTE: The addition of code '41-submitter' provides a generic code, as a DLMS enhancement, for use when the PMR/ARI is generated by the party originating the return and the resulting receipt will be reported to the ICP.</p> <p>Navy originally proposed adding qualifier 'SB-Storage activity to represent CAV, however this change authorizes the new generic code 'submitter' for the PMR. The CAV maintenance contractor can use this code to support the existing CAV requirement for the contractor to generate the PMR/ARI.</p>

Item #	Location	CHANGE TABLE for DS 527D	Reason
3.	2/LIN01/10	<p><b><u>PDC 352A Staffing note:</u></b> DOES NAVY USE the DETAIL/SUMMARY CONCEPT WITH THE ARI/PMR? If yes, new LIN01 code ‘Y’ as added to 527R will be required. <u>Requested that Navy advise DLMSO of requirement in response to PDC 352A.</u></p>	No Navy response. No requirement identified. No action taken to add code to 527D.
4.	2/LIN02/10	<p><u>Revise the data element level note and add qualifier ‘NN’ with DLMS note:</u></p> <p><b>Product/Service ID Qualifier</b></p> <p><b>DLMS Note:</b> 1. Use only one of codes A1, A2, A4, FB, FS, FT, MG, <i>NN</i>, YP or ZZ to identify the materiel. Must use National Stock Number (NSN) (<del>code FS</del>) when known except when appropriate, brand name subsistence items are identified by the Subsistence Identification Number (<del>code A4</del>). <i>An exception is also authorized for CAV where materiel may be identified by the National Item Identification Number (NIIN) when the Federal Supply Code (FSC) is not available.</i></p> <p><b>NN National Item Identification Number</b></p> <p><b>DLMS Notes:</b> 1. <i>Use only for CAV when the NSN (FSC plus NIIN) is not available.</i></p> <p>2. <i>Qualifier NN is a migration code approved for use in X12 version 5020. This is an authorized DLMS enhancement for use by CAV and by CAV trading partners by mutual agreement.</i></p>	<p>Navy CAV-unique requirement: FSC is not included in the CAV database, and the submitter of the CAV transaction does not have access to it. If he/she happens to know it, then he/she could provide it, but it is highly unlikely that the CAV user (a contractor at the CAV site) will have that information. It would require a significant change to the CAV system to be able to access that information from either Navy ERP or FLIS.</p> <p>NAVSUP will explore including the FSC in this field when we make the changes in CAV and Navy ERP to become fully DLMS compliant, after we complete Navy ERP implementation in FY12. However, Navy cannot make those changes right now, because we are in the midst of integrated system testing of the CAV-Navy ERP processes.</p> <p><b><u>Staffing Note:</u></b> A migration code is added for identification of the NIIN when passed in the 527D. Use of a “migration code” refers to establishing an agreement with all trading partners to use a valid X12 code from a higher version, with its approved X12 definition, at a lower version of X12. Manual intervention may be needed for some commercial applications to accept the higher version code. (Approved DLMS Change 329, Use of Borrowed and Migration Codes in DLMS Supplements)</p>
5.	2/G6201/50	<p><u>Add qualifier ‘52’ with DLMS note.</u></p> <p><b>52 Order</b></p> <p><b>DLMS Note:</b> <i>Commercial Asset Visibility (CAV) uses to indicate an order date in the prepositioned materiel receipt/advance receipt information transaction.</i></p>	To document CAV use of order date.

Item #	Location	CHANGE TABLE for DS 527D	Reason
6.	2/G6201/50	<u>Add qualifier 'BB' with DLMS note.</u>  <b>BB Transaction Control Date</b> <b>DLMS Note:</b> Use to cite the date the transaction was prepared.	To provide for transaction preparation date consistent with other DLMS transactions.
7.	2/G6203/50	<u>Open G6203 and add data element level notes and qualifier 'W' with DLMS note:</u>  <u>Add Federal and DLMS notes:</u> <b>Federal Note:</b> Use any code.  <b>DLMS Note:</b> For DLMS, only the following codes are authorized.  <b>W Effective Time</b> <b>DLMS Notes:</b> Use in conjunction with G6201 code BB only to establish unique date/time stamp. Express time in six-position format (HHMMSS). This is an authorized DLMS enhancement; see introductory DLMS 5g.	To provide for time of transaction preparation and stipulate a specific time qualifier when G6203 is used.
8.	2G6204/50	<u>Open Data Element G6204</u>	To accommodate ASC X12 syntax rule: If either G6203 or G6204 is present, then the other is required.
9.	2/N901/90	<u>Add qualifier 'Q9' with DLMS note:</u>  <b>Q9 Repair Order Number</b>  <b>DLMS Note:</b> <i>Commercial Asset Visibility (CAV) uses to cite the Repair Cycle Document Number (RCDN) assigned by the CAV II System. CAV uses with prepositioned materiel receipt/advance receipt information transactions. The RCDN identifies an individual item at the contractor's plant and is used for tracking purposes. It also indicates the unique number assigned by the CAV System to identify and track CAV transactions. Position (1-6) identifies the Contractor's DODAAC, (pos 7-10) identifies the Julian Date, and (pos 11-14) identifies the Serial Number. Each item has its own unique RCDN. Refer to ADC 342.</i>	Documents CAV II requirement for a Repair Cycle Document Number (RCDN). Documents that RCDN is used in receipt transaction <b>for the detail records only.</b>  <b>Contains administrative changes for consistency with wording of DLMS note for qualifier 'Q9' in PDC 350, and ADCs 341, &amp; 343.</b>  <b>Staffing Note:</b> Does Navy use Detail/Summary concept with PMR transactions? If yes, is the RCDN range included in the PMR Summary transaction? <u>Requested Navy advise DLMSO of requirement in response to PDC 352A. No requirement was identified</u>

Item #	Location	CHANGE TABLE for DS 527D	Reason
10	2/N901/90	<p><b><u>Combine current DLMS notes 1 and 2, and add a DLMS note 2 for CAV for existing qualifier 'X9':</u></b></p> <p><b>X9 Internal Control Number</b></p> <p><b>Current DLMS Notes 1 and 2 combined into note 1:</b> 1. Use with procurement source transactions when a transaction number (<i>aka document number</i>) is needed in addition to the contract number for transaction tracking purposes. Identify the controlling contract number in the 2/CS/020 segment. DLMS enhancement; see introductory DLMS note 4a.</p> <p><b>New DLMS Note: 2. Contractor's Reference Number is used to indicate the unique number used by the CAV II System to identify and track EDI transactions. Refer to ADC 342.</b></p>	Administrative change for consistency with wording of other DS.

## ENCLOSURE 3 TO ADC 342

Strikethrough and yellow highlights identify deviations from original Navy CAV 527D/527R proposal.

### TRANSACTION SET (527R)

**DATA ELEMENT**

**CHARS**

**A/N**

1. Repair Cycle

Document Number (RCDN)      14 min-28 max      A/N

a. DIC(s): **D4, D6**

b. EDI (ASC X12) Segment(s): **2/N9/090**

c. Request the following Qualifier/Data Element be added:

**RCDN:**

2/N9/090

**Mandatory**

01	<del>WF</del> <b>Q9</b>	<b>Repair Order Number</b> - Locally Assigned Document Number
02	<b>14</b> of 28 position	Enter Repair Cycle Document Number (RCDN)

~~Note 1: Used to indicate the unique number assigned by the CAV II System to identify and track CAV transactions.~~

~~Note 2: D4S will consist of a 14 position field (14 min/max).~~

**Q9 Repair Order Number**

**DLMS Note:** CAV uses to cite the Repair Cycle Document Number (RCDN) assigned by the CAV II System. CAV uses with CAV Detail record which is Navy CAV nonstandard use of a receipt transaction for a non-balance affecting transaction. The RCDN identifies an individual item at the contractor's plant and is used for tracking purposes. Each item has its own unique RCDN. Only authorized for use with LIN01 code 'Y-CAV Detail Record'. Position (1-6) identifies the Contractor's DODAAC, (pos 7-10) identifies the Julian Date, and (pos 11-14) identifies the Serial Number. Refer to ADC 342.

**RCDN Range:**

2/N9/090

01	<del>WF</del> <b>UV</b>	<b>Range Number</b> - Locally Assigned Document Number
02	<b>14</b> of <b>28</b> position	<b>Enter the Repair Cycle Document Number (RCDN) range</b>

~~Note 3: D4X will consist of a 28 position field. The first 14 positions will identify the RCDN Range Start. The remaining 14 positions will identify the RCDN Range End.~~

**UV Range Number**

**DLMS Note:** CAV uses with the balance affecting standard receipt transaction to cite the range for the Repair Cycle Document Numbers (RCDN). The RCDN range is a 28 position field. The first 14 positions identify the RCDN Range Start. The remaining 14 positions identify the RCDN Range End. Refer to ADC 342.

**DLMSO STAFFING NOTE:** The DLMS 527R standard transaction, e.g.,

**D4S equivalent, must be used for the full receipt quantity (i.e., CAV Summary transaction)**

[e.g., D4S = 527R with BR02 Transaction Type Code D4 with 2/CS01/020 Contract number, and LIN01 code A]

**Example D4S: N9\*WF\*Q9959373601234**

**Example D4X: N9\*WF\*Q9959373601234Q9504073601444**

**Note 4: D6A/K will consist of a 14 position field (14-min/14-max).**

**Note 5: D6X will consist of a 28 position field (14-min/28-max). The first 14 positions will identify the RCDN Range Start. The remaining 14 positions will identify the RCDN Range End.**

**Example D6A/K: N9\*WF\*Q9966681200015**

**Example D6X: N9\*WF\*Q9966681200015Q9966681200016**

**d. System: CAV II**

**e. Definition: Repair Cycle Document Number(RCDN)** identifies an individual item at the contractor's plant. It also indicates the unique number assigned by the CAV II System to identify and track CAV transactions. Position (1-6) identifies the Contractor's DODAAC, Julian Date (pos 7-10) and Serial Number (pos 11-14).

### TRANSACTION SET (527D)

**DATA ELEMENT**

**CHARS**

**A/N**

1. Owing ICP RIC

3

A/N

a. DIC(s): DWK

b. EDI (ASC X12) Segment(s): 1/N1/070

c. Request the following Qualifier/Data Element be added:

1/N1/70

**Mandatory**

01 **SB 41**

Entity Identifier Code (**Submitter**)

03 M4

Identification Code Qualifier (RIC)

04 3 positions

Contractor's RIC

**Example: N1\*41\*\*M4\*N32**

**d. System: CAV II**

**e. Definition: Owing ICP RIC** identifies the source of supply.

**Staffing Note: Generic qualifier '41-Submitter' was previously added to 527D and can be used for the CAV repair facility.**

### TRANSACTION SET (527D) CONT'D

**DATA ELEMENT**

**CHARS**

**A/N**

2. Repair Cycle Doc No. (RCDN)

14 min-14 max

A/N

a. DIC(s): DWK

b. EDI (ASC X12) Segment(s): 2/N9/090

c. Request the following Qualifier/Data Element be added:

2/N9/90

**Mandatory**

01 ~~WF~~ Q9

Locally Assigned Document Number

02 14 position

Enter Repair Cycle Document Number (RCDN)

**Note 1:** Used to indicate the unique number assigned by the CAV II System to identify and track CAV transactions.

**Note 2:** DWK will consist of a 14 position field (14 min/max).

**Example:** N9\*Q9\*Q9504073601234

**Q9 Repair Order Number**

**DLMS Note:** Commercial Asset Visibility (CAV) uses to cite the Repair Cycle Document Number (RCDN) assigned by the CAV II System. CAV uses with prepositioned materiel receipt/advance receipt information transactions. The RCDN identifies an individual item at the contractor's plant and is used for tracking purposes. Position (1-6) identifies the Contractor's DODAAC, (pos 7-10) identifies the Julian Date, and (pos 11-14) identifies the Serial Number. Each item has its own unique RCDN. Refer to ADC 342.

d. System: CAV II

e. **Definition:** Repair Cycle Document Number(RCDN) identifies an individual item at the contractor's plant. It also indicates the unique number assigned by the CAV II System to identify and track CAV transactions. Position (1-6) identifies the Contractor's DODAAC, Julian Date (pos 7-10) and Serial Number (pos 11-14).

## TRANSACTION SET (527D) CONT'D

<u>DATA ELEMENT</u>	<u>CHARS</u>	<u>A/N</u>
3. Due-In Receipt Date	8	N

a. DIC(s): **DWK**

b. EDI (ASC X12) Segment(s): **2/G62/050**

c. Request the following Qualifier/Data Element be added:

2/G62/050	<b>Mandatory</b>	
01	<b>BB</b>	Date Qualifier (Transaction Control Date)
02	CCYYMMDD	Enter Date contractor received material
03	W	Effective Time
04	HHMMSSDD	Enter Time contractor received material

**Note:** The "HHMMSS" (6 position field) is used to indicate the unique Date Timestamp.

**Example:** G62\*35\*20080429\*W\*132328

d. System: **CAV II**

e. Definition: 'Due-In Receipt Date' identifies the date an item was received at the contractor's plant.

**Staffing Note:** Qualifier 'BB' is added as the date the transaction was prepared. Does Navy require a 'date item received at contractor plant' in a PMR transaction? For what purpose? How is this date known/used in a PMR/Advance Receipt Information transaction?

**Requested Navy advise DLMSO in response to PDC 352A---No response.**

<u>DATA ELEMENT</u>	<u>CHARS</u>	<u>A/N</u>
4. Award/Order Date	8	N

a. DIC(s): **DWK**

b. EDI (ASC X12) Segment(s): **2/G62/050**

c. Request the following Qualifier/Data Element be added:

2/G62/50	Optional	
01	<b>52</b>	Date Qualifier (Ordered-Award/Order Date)
02	CCYYMMDD	Enter Award/Order Date

**Example:** G62\*52\*20000808

d. System: **CAV II**

e. Definition: 'Award/Order Date' identifies the date the contract or order against a contract was issued.