



DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD
FORT BELVOIR, VIRGINIA 22060-6221

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) 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 Inventory Adjustment Transaction (Supply) (Staffed by PDC 353 and the Addendum to PDC 353)

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@dla.mil. Others must contact their Component designated Supply PRC representative.

A handwritten signature in black ink, appearing to read "Donald C. Pipp", with a stylized flourish at the end.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment

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

ATTACHMENT TO 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 Inventory Adjustment Transaction

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, Revise 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 Issue Transaction (Supply)

b. DLMSO memorandum, October 7, 2009, subject: 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)

4. **APPROVED CHANGE:**

a. **TITLE/DESCRIPTION:**

(1) **Title:** 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 Inventory Adjustment Transaction (Supply)

(2) **Description of Change:** Revise DLMS to support Navy ERP and CAV II data requirements by adding specific data elements and code values to DS947I. Includes interim process for Navy ERP requirement for separate, multiple "detail" transactions for a given inventory adjustment transaction to accommodate CAV in Navy ERP release 1.1.

b. **CAV II ESTIMATED COMPLETION DATE (ECD):**

(1) **DoD CAV II/CAV-ORM/RTIC Program Manager email of 8/12/2009 ECD explanation:**

"The Navy's response, to how the "**Estimated Completion Date**" (ECD) is used is provided below:

CAV II Repair Process - Estimated Completion Date (ECD)

Background: Within the functionality of CAV II, the 'Estimated Completion Date' (ECD) transaction is used by Navy CAV contractors during the Repair Process. The ECD is a contractor's best estimate as to when an asset will be returned to ready-for-issue condition.

When the 'Est Completion Date Requirement' is set to 'Required', the CAV reporter will be required to enter a valid Estimated Completion Date. This data entry will take place on the following CAV screens: (1) Induct (F to M condition code change), (2) Await Parts (M to G condition code change), (3) Re-induct (G to M condition code change) and (4) Item Maintenance.

The following 'ECD' Business logic applies:

If the ECD preference has been set to 'required', a CAV output transaction (Doc-ID ECD) is created during the CAV End-of-Day processing simultaneously with the DAC transaction.

When the Item Maintenance screen is used to enter an Estimated Completion Date, only an ECD transaction is created at CAV EOD. These 'ECD' transactions will be passed to the ICPs legacy system or may be available for interface with any other system necessary.

CAV has the ability to annotate on the Main Menu screen the fact that there are assets in inventory that have reached the Estimated Completion Date, but have yet to be completed. When this occurs, the Item Maintenance function in CAV should be used to issue a new 'Estimated Completion Date'. This action is performed in order to continually supply pertinent data to the legacy systems.

ECD was originally placed in CAV to interface with Navy's SMART project. Now, with the development of Navy ERP and the use of SAP software, ECD is a mandatory interface for CAV.

ECD data output by CAV II includes:

Document Number
Contractor's Routing Identifier
NIIN
Unit of Issue
Repair Cycle Document Number (RCDN)
Transaction Date
Contract Number
Order Number

ECD data output by CAV II includes (con't):

Award/Order Date
Action Date
Estimated Completion Date
Contractor Reference Number
Contract Line Item Number
Furnished by Code
ICP RIC
Serial Number

(2) Additional explanation for ECD provided by DoD CAV II/CAV-ORM/RTIC PM email 9/4/2009:

“Currently the ECD is an optional field used by contractors upon induction of the item into repair. It can be updated any time.

The field is used to aid planning, in knowing, when the item will come out of repair, and it helps them with how much they need to order or buy. Planners will request that the contractor populate the field, or contractors can populate the field to aid with their internal processes.

The future course makes it a mandatory field for all but PBLs and it is required for forecasting and planning.”

(3) ECD PROCEDURE. Revise DOD 4000.25, DLMS, to add a procedure for ECD to Volume 2, chapter 7, Inventory Adjustments (paragraph TBD):

C7.xx. Commercial Asset Visibility (CAV) Estimated Completion Date (ECD).

C7.xx.1. CAV may include an ECD in the Inventory Adjustment transaction, associated with a dual adjustment for SCC change, to establish the estimated completion date for an item in the repair facility. CAV includes ECD as required when item is undergoing repair or awaiting parts. CAV uses ECD, when required, for the following dual SCC changes: SCC F to M, SCC M to G, SCC G to M.

C7.xx.2. CAV may also generate a Change ECD Transaction. The Change ECD Transaction is used to change or establish the ECD for a previously submitted 'Inventory Adjustment (Dual-Supply Condition Code Change)' transaction.

c. NAVY CAV AND ERP DETAIL AND SUMMARY TRANSACTIONS FOR INVENTORY ADJUTEMNT (SINGLE ADJUSTMENTS):

(1) In Navy CAV system, a “summary” transaction by document number by national item identification number (NIIN) for an inventory adjustment transaction (single adjustment) (MILSTRAP D8s and D9s) has the total inventory adjustment quantity that causes the asset balance to change. In addition Navy CAV also processes associated individual “detail” inventory adjustment 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 CAV RCDN is assigned by the CAV II System when the item(s) is received 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: Detail-Summary process is not used with Dual Inventory Adjustment (e.g., MILSTRAP DI Code DAC and corresponding 947I functionality).

Staffing Note: Navy ERP Summary-Detail requirement for CAV is also addressed in ADCs 341 and 342 (references 3a and 3b respectively) for DLMS 867I Issue and 527R Receipt.

(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 inventory adjustment 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 are no cumulative summaries that cross runs. The 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 summary transaction for the total quantity adjusted (e.g., a quantity of 4), and uses a ‘detail’ inventory adjustment transactions as a means to track each one of those 4 items for the inventory adjustment by its unique RCDN.

(3) While Navy addresses their ‘summary’ transactions as MILSTRAP Document Identifier (DI) Code D8X/D9X, the use of D8X/D9X with CAV II is a violation of MILSTRAP as no such DI Code exists. DLMSO also noted, in an August 19, 2009 telecon with CAV, the DLMSO position that the balance affecting “summary” transactions for the full inventory adjustment quantity should reflect a valid MILSTRAP DI Code, and the CAV breakout of that adjustment 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 D8_/D9_ 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 requirement under DLMS, DLMSO recommends Navy ERP use a single DLMS 947I Inventory Adjustment transaction for both the summary and associated detail information. Using the standard DLMS 947I Inventory Adjustment function include the CAV

II Summary information in LOOP ID 0300 with appropriate 2/W1901/0200 Quantity or Status Adjustment Reason Code, NSN/NIIN at W1905, and document number at 2/N901/0400; and include the detail information RCDN in the 2/N901/1600 segment in Loop ID 0330 which is imbedded in LOOP ID 0300. The 2/N9/1600 segment could provide the unique RCDNs associated with each individual item (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 2/N9/1600 segment in Loop ID 0330 imbedded in LOOP ID 0300.

(c) Recommend Navy ERP transition to providing detail information within the standard DLMS Inventory Adjustment transaction through the 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 947I Inventory Adjustment 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 2/W1901/0200 'Quantity or Status Adjustment Reason Code CS' for nonstandard use of a non-balance affecting detail inventory adjustment transaction by unique RCDN for each item.

d. REVISE DS 947I AS SHOWN IN THE CHANGE TABLE AT ENCLOSURE 1.

e. NAVY'S ORIGINAL PROPOSAL FOR 947I MAPPING IS AT ENCLOSURE 2. Strikethrough and yellow highlight in the enclosure show deviations from navy's original proposed mapping.

5. COMMENTS to PDC 353 and the Addendum to PDC 353. Navy provided the following comments:

a. 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.

b. DLMSO asked if ADCs 341, 342, 343 would impact DLA DSS. Navy confirmed there is no impact to DSS. These ADCs only deal with transactions between Navy ERP and CAV.

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 inventory adjustment transaction contains data requirements not accommodated by the existing DS 947I Inventory Adjustment transaction. Navy submitted

complimentary changes to accommodate CAV II data requirements in the following transaction sets: DS 527R Material Receipt/527D Material Due-In (refer to ADC 342), DS 867I Issue (refer to ADC 341), and DS 856S Shipment Status (refer to PDC 350).

7. ADVANTAGES AND DISADVANTAGES

a. Advantages: Adds CAV data requirements for the 947I Inventory Adjustment. 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 DI Code D8X/D9X as part of their Issue Summary-Detail process in a nonstandard manner that deviates from DOD procedure. DOD 4000.25-2-M, MILSTRAP, is the authoritative source for all D-series DI Codes, and DI Codes D8X and D9X are not valid. Navy ERP perpetuates the nonstandard concept of separate summary (balance affecting inventory adjustment) and detail (non-balance affecting inventory adjustment) transactions for Navy ERP release 1.1. **See Navy comment at paragraph 5.a.**

8. IMPACT:

a. Publication(s): DLMS Supplement 947I.

b. Systems/Applications: Changes impact 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 Elements; these data elements are not included in any previous DLMS transactions:

Data Element ID	Code/Name	Use	Comment
98 Entity Identifier Code	Q9 Repair Order Number	To identify CAV Repair Cycle Document Number (RCDN)	
98 Entity Identifier Code	RN Repair or Refurbish Location	To identify repair facility	
128 Reference ID Qualifier	P5 Position Code	To identify CAV unique Payback Indicator	
640 Transaction Type Code	A5 Notice of Charge	Used to revise estimated completion dates for Inventory Adjustment (Dual SCC change)	
181 (2/W1901/0200)	CS Product Samples	This code is used as a “Non-balance affecting CAV Detail Flag”	Authorized for Navy temporary use only. W1901 Code ‘CS’ will be deleted at a future date.

Enclosures:

- 1) DS 947I Change Table
- 2) Navy Mapping Proposal

ENCLOSURE 1 TO ADC 343
DS 947I Change Table

Item #	Location	CHANGE TABLE for DS 947I	Reason
1.	DLMS Introductory Note	<p><u>Add ADC 343 to Introductory note 7</u></p> <p>- ADC 343, <i>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 Inventory Adjustment Transaction (Supply)</i></p>	To identify DLMS changes included in the DS
2.	1/W1505/0200	<p><u>Add new Transaction Type Code ‘A5’ with DLMS note:</u></p> <p>A5 Notice of Charge</p> <p>DLMS Notes: 1. <i>Change Estimated Completion Date (ECD) Transaction. Authorized for use by Commercial Asset Visibility (CAV) and by organizations interfacing with CAV by mutual agreement. CAV must assure that trading partners can accept this CAV unique data. Use only when changing or establishing the estimated completion date for a previously submitted ‘Inventory Adjustment (Dual-Supply Condition Code Change)’ transaction. Use only with 2/W1901/020 Quantity Adjustment Reason Code AC with W1916 Inventory Transaction Type Code DU – Inventory Adjustment (Dual). No inventory adjustment is taking place by this date change transaction. Duplicate detail data from original inventory adjustment transaction, as needed, with exception of the estimated completion date which is being revised by this transaction. Refer to ADC 343.</i></p> <p>2. <i>Authorized DLMS migration enhancement for use by CAV and by CAV trading partners by mutual agreement. See introductory DLMS note 4.e.</i></p>	<p>To add capability to <i>change</i> the estimated completion date previously provided in a 947I inventory adjustment transaction. Authorized only for CAV use with CAV ICP trading partners by mutual agreement.</p> <p>Navy must assure mutual agreement with the Navy CAV trading partners.</p>

Item #	Location	CHANGE TABLE for DS 947I	Reason
3.	2/W1901/0200	<p><u>Add Quantity or Status Adjustment Reason Code 'CS' with DLMS note:</u></p> <p>CS Product Samples</p> <p>DLMS Note: <i>Used for CAV Detail Record. Authorized for INTERIM USE by Navy as a flag to identify CAV non-balance affecting 'detail' inventory adjustment transactions. The balance affecting CAV "summary" inventory adjustment transaction must use the appropriate standard 'Quantity or Status Adjustment Reason' code. Code 'CS' is nonstandard and is authorized for intra-Navy interim use pending implementation of "detail" information within a standard DLMS inventory adjustment transaction through looping structure. Used with W1916 Inventory Transaction Type 'AD' and 'AJ'; not used with 'DU - Dual Inventory Adjustment'. Navy will address CAV becoming compliant with DLMS standard after Navy ERP completes the Single Supply Solution Release 1.1 implementation in 2012. W1901 code 'CS' will be deleted from 947I at that time. Refer to ADC 343.</i></p>	<p>Needed on an interim basis to support an existing Navy CAV process in Navy ERP's DLMS Migration effort. The existing CAV 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 processing for the CAV detail information, at which time this code will be eliminated from DS 947I.</p> <p>Staffing note: 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 DI Codes D8_/D9_ as a non-balance affecting detail transaction, and provides for nonstandard Navy use of the MILSTRAP D8X/D9X transaction for a "summary" issue balance affecting transaction. Navy CAV process for use of D8X/D9X deviates from established DOD policy and procedure. DI Codes D8X /D9X do not exist in MILSTRAP which is the authoritative source for D-series DI Codes.</p> <p>Navy ERP to negotiate with DAASC on whether DAASC can flip, or will Navy ERP perform the flip.</p>
4.	1/N101/0400	<p><u>Add new code with DLMS notes:</u></p> <p>RN Repair or Refurbish Location</p> <p>DLMS Note: <i>Must use to identify the CAV repair site.</i></p>	<p>To remove confusion regarding the standard use of the 'SB' qualifier for distribution depots/storage activities, DLMSO proposes use of a different qualifier to identify CAV repair site.</p>

Item #	Location	CHANGE TABLE for DS 947I	Reason
5.	2/W1905/0200	<p><u>Revise the data element level note and add qualifier 'NN' with DLMS note:</u></p> <p>Product/Service ID Qualifier</p> <p>DLMS Note: 1. Use only one of codes A1, A2, A3 , A4, FB, FS, MG, <i>NN</i>, YP or ZZ to identify the materiel shipped. Must use National Stock Number (NSN) when known, except, when appropriate, brand name subsistence items are identified by the subsistence identification number. <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>NN National Item Identification Number</p> <p>DLMS Notes: 1. <i>Use only for CAV when the NSN (FSC plus NIIN) is not available. Refer to ADC 343.</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>Staffing Note: A migration code is used for identification of the NIIN when passed in the 947I. 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 947I	Reason
6	2/N901/0400	<p><u>Add new qualifier with DMS note:</u></p> <p>P5 Position Code</p> <p>DLMS Note: <i>Commercial Asset Visibility (CAV) unique data. CAV uses to indicate the CAV 'payback indicator'. The payback indicator will always equal 1 (one). Authorized for CAV use only. Refer to ADC343.</i></p>	To accommodate Navy CAV requirement for a "payback indicator".
7.	2/N901/0400	<p><u>Add qualifier with DLMS note:</u></p> <p>Q9 Repair Order Number</p> <p>DLMS Note: <i>Commercial Asset Visibility (CAV) uses to cite the unique Repair Cycle Document Number (RCDN) assigned by the CAV II System. 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. It is assigned when the item(s) is receipted into CAV. Each item has its own unique RCDN. Refer to ADC 343.</i></p>	To add CAV RCDN to 947I.
8	2/N901/0400	<p><u>Revise DLMS note for existing qualifier 'X9':</u></p> <p>X9 Internal Control Number</p> <p>DLMS Note: Use in CAV transactions to identify the unique contractor reference number.</p> <p>Replace note with:</p> <p>DLMS Notes: 1. <i>Contractor's Reference Number is used to indicate the unique number used by the CAV II System to identify and track EDI transactions.</i></p> <p>2. <i>If the Contractor's Reference Number is not available, no entry will be provided. Refer to ADC 343.</i></p>	<p>Navy CAV-unique requirement. Revising DLMS note for existing qualifier 'X9' for consistency with DLMS note in DS 856S.</p> <p>Staffing Note: This data field requires a new business rule under DLMS to suppress this data element from the DLMS transaction when not available (rather than duplicating the RCDN as filler under current CAV-process)</p>

Item #	Location	CHANGE TABLE for DS 947I	Reason
9.	2/G6201/0800	<p>Delete current DLMS note for existing qualifier 'KA' and replace with new DLMS notes as follows:</p> <p>KA Scheduled Service Completion</p> <p>DLMS Note: Use in CAV transactions to indicate the estimated date of the repair action completion.</p> <p>DLMS Notes: 1. Only authorized for use by CAV and CAV trading partner ICP by mutual agreement. CAV contractor uses to indicate the estimated completion date (ECD) for an Inventory Adjustment (Dual-Supply Condition Code (SCC) Change). Use only with 2/W1901/020 Quantity Adjustment Reason Code AC with W1916 Inventory Transaction Type Code DU – Inventory Adjustment (Dual) (this equates to functionality of MILSTRAP DI Code DAC). In CAV, when the ECD requirement is set to 'Required', the CAV reporter will be required to enter a valid ECD in the inventory adjustment transaction which lets the CAV trading partner ICP know the ECD. Refer to ADC 343.</p> <p>2. To change an ECD that was previously provided by an Inventory Adjustment – Dual (SCC change) transaction, use with W1505 Transaction Type Code A5 – Notice of Change. Use of W1505 Code 'A5' indicates that only the ECD is being changed by the transaction..</p> <p>3. Authorized DLMS migration enhancement for use by CAV. See introductory DLMS note 4.e.</p>	To more fully explain CAV use of existing qualifier 'KA' which CAV uses to provide the estimated completed date for an inventory adjustment (Dual-Supply Condition code); and to explain how the estimated completion date provided can later be updated .
10.	2/G6203/0800	<p><u>Add Federal and DLMS notes:</u></p> <p>Federal Note: Use any code.</p> <p>DLMS Note: For DLMS, only the following codes are authorized.</p>	DMSO administrative update to add standard DLMS notes.

Item #	Location	CHANGE TABLE for DS 947I	Reason
11.	2/G6203/0800	<u>Add qualifier W with DLMS note:</u> W Effective Time	ASC X12 syntax rule states that: if either G6203 or G6204 is present, then the other is required. This change stipulates a qualifier for when G6203 is used.
12.	2/G6204/0800	<u>Add DLMS Note:</u> DLMS Note: CAV uses “HHMMSS” (6 position field) for unique date/time stamp.	To document CAV use of time field.
13.	2/N901/1600	<u>Add DLMS note 3 to existing qualifier SE:</u> SE Serial Number DLMS Notes: 1. Use to identify the serial number. The serial number may not exceed 30 characters in accordance with IUID policy. 2. DLMS enhancement. See introductory DLMS note 4a. 3. Authorized for use by CAV.	Documents current CAV use of serial number. Staffing Note: Recommend Navy ERP consider use of IUID UII.

TRANSACTION SET (947I) CONT'D

NAVY WITHDREW THIS REQUIREMENT FOR 947I:

DATA ELEMENT _____ CHARS _____ A/N _____
3. Consignor's RIC _____ 3 _____ A/N _____

a. ~~DIC(s): D8~~

b. ~~EDI (ASC X12) Segment(s): 2/N1/1100~~

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

_____ 2/N1/1100	_____ Conditional	
_____ 01	_____ CI	_____ Entity Identifier Code (Consignor)
_____ 03	_____ M4	_____ Identification Code Qualifier (RIC)
_____ 04	_____ 3 position	_____ Enter RIC From

Note: ~~Transmitted on the D8A/D8X(Borrow) transactions only; input is optional.~~

Example: ~~N1*CI**M4*ABC**FROM~~

d. ~~System: CAV II~~

e. ~~Definition: Consignor's RIC identifies the Routing Identifier of the activity where the material was shipped.~~

NAVY WITHDREW THIS REQUIREMENT FOR 947I:

DATA ELEMENT _____ CHARS _____ A/N _____
4. Ship To DODAAC _____ 6 _____ A/N _____

a. ~~DIC(s): D8, D9~~

b. ~~EDI (ASC X12) Segment(s): 2/N1/1100~~

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

_____ 2/N1/1100	_____ Optional	
_____ 01	_____ ST	_____ Entity Identifier Code
_____ 03	_____ 10	_____ Identification Code Qualifier (DODAAC)
_____ 04	_____ 6 position	_____ Enter Ship To DODAAC

Note: ~~Ship To DODAAC is transmitted on the D9X (Payback) only.~~

Example: ~~N1*ST**10*Q99555~~

d. ~~System: CAV II~~

e. ~~Definition: Ship To DODAAC identifies the DoDAAC of the activity where the material is to be shipped.~~

TRANSACTION SET (947I-Estimated Completion Date)

- a. DIC: ECD
- b. EDI (ASC X12) Segment(s): See Below
- c. Request the following Qualifier(s)/Data Element(s) be added: See Below
- d. System: CAV II

e. Definition: Estimated Completion Date (ECD) record establishes/updates the estimated completion date of an item being repaired. The DAC - Induction (F to M) condition establishes the estimated completion date. The DAC – Await Parts (M to G) or DAC- Reinduct (G to M) condition updates the estimated completion date. It also lets the ICP know when an item will be Ready for Issue (RFI).

CAV-II IMPLEMENTATION FOR 947I (ECD)

This appendix lists the data segments that the CAV-II system requires at the Header, Detail, and Trailer levels. It identifies the data values expected for each segment. The segment reference is formatted as Table Reference/Segment ID/Position Number.

Header Level Requirements

<u>SEGMENT</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
1/ST/0100	Mandatory	
	01 947	Transaction Set Identifier Code (Warehouse Inventory Adjustment Advice)
	02 4-9 position	Enter Transaction Set Control Number

Note: Transaction Set Control Number is used to identify the control number including the batch and sequential number within the batch file. The originator of the Transaction Set assigns the control number.

Example: ST*947*000012577

1/W15/0200	Mandatory	
	01 CCYYMMDD	Enter Date of Transaction
	04 00	Transaction Set Purpose Code (Original)
	05 NO	Transaction Type Code (Notice Estimated Completion Date)
	05 A5	Transaction Type Code 'A5' = Notice of Charge

Example: W15*20040115*00*A5**

Header Level Requirements (Cont'd)

SEGMENT	VALUE	DESCRIPTION
1/N1/0400	Mandatory	
	01 SB	Entity Identifier Code (Storage Area) ← See DLMS note below. Qualifier 'RN' will be used for CAV site rather than 'SB'
	03 M4	Identification Code Qualifier (RIC)
	04 3 position	Enter Contractor's RIC
	06 FR	Entity Identifier Code (Message From)

Example: N1*RN**M4*QS5**FR

RN Repair or Refurbish Location

DLMS Note: Must use to identify the CAV repair site.

Detail Level Requirements

SEGMENT	VALUE	DESCRIPTION
2/W19/0200	Mandatory	
	01 AH	Quantity or Status Adjustment Reason Code (Other)
	02 1	Enter Quantity
	03 2 position	Enter Unit of Issue
	05 FS	Product/Service ID Qualifier (National Stock Number)
	06 9 13 position	Enter NIIN only NSN

OR for NIIN use:

05	NN	Product/Service ID Qualifier (NIIN)
06	9 position	Enter NIIN only

***** Action Item: Awaiting Navy-ERP response concerning the transmission of the NSN.**

Navy CAV indicated NIIN qualifier was required.

DLMSO NOTE: Qualifier 'FS' is intended for NSN only. Full NSN is required under DLMS when qualifier FS is used. DLMSO added migration code 'NN' for use with NIIN when NSN is not available.

Example: W19*AH*1*EA**NN*599901230

2/N9/0400	Mandatory	
	01 X9	Reference Identification Qualifier (Internal Control Number)
	02 1-25 position	Enter Contractor's Unique Reference Number
Note: If Contractor's Unique Reference Number is not present, the RCDN will be transmitted.		
The RCDN will consist of a 14 position field. <== DLMSO note: Cannot send an RCDN under qualifier 'X9' which is intended for the 'contractor reference number'. If 'contractor reference number' is not available, do not send qualifier 'X9' data in DLMS transaction. See replacement notes below.		

Note 1: Contractor's Reference Number is used to indicate the unique number used by the CAV II System to identify and track EDI transactions.

Note 2: If the Contractor's Reference Number is not available, no entry will be provided. Refer to PDC 353.

Example: N9*X9* N0036708M1234

Detail Level Requirements (Cont'd)

<u>SEGMENT</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
2/N9/0400	Mandatory	
	01	WF Locally Assigned Document Number ← For consistency with 856S and other transactions, qualifier 'Q9' will be used for RCDN rather than 'WF'
	02	14 position Enter Repair Cycle Document Number (RCDN)

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

DLMSO adding qualifier/note for RCDN:
01 Q9 Repair Order Number
DLMS Note: Commercial Asset Visibility (CAV)
uses to cite the Repair Cycle Document Number (RCDN). The CAV RCDN identifies an individual item at the contractor's plant. 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. Refer to PDC 353.

Example: N9***Q9***Q9504073601234

2/N9/0400	Conditional	
	01	ZA Reference Identification Qualifier (Supplier)
	02	1 position Enter Furnished By Code

Note: Enter Furnished By Code as follows:

- A – Material in Administrative Hold
- B – Material Furnished by both the Government and Contractor
- C – Material Furnished by the Contractor
- G – Material Furnished by the Government

STAFFING Note: DLMSO does not know what bearing this code has on an inventory adjustment transaction and recommends Navy ERP not design for this data in 947I. Where the materiel came from is addressed by processes unrelated to inventory adjustment transaction. Recommend this be an interim use only to accommodate legacy system.

Example: N9*ZA*C

2/CS/0500	Conditional	
	01	13 position Enter Contract Number
	03	4 position Enter Call/Order Number
	Conditional	
	04	C7 Contract Line Item Number
	05	4 or 6 position Enter CLIN/SUBCLIN

Note: A 4 position CLIN (e.g. 0001) or 6 position SUBCLIN (e.g. 0001AA) will be transmitted.

Example: CS*N0010304D1234**5357*C7*0001AA

Detail Level Requirements (Cont'd)

<u>SEGMENT</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
2/G62/0800	Optional	
	01 04	Date Qualifier (Purchase Order Date)
	02 CCYYMMDD	Enter Award/Order Date
Example: G62*04*20041122		
2/G62/0800	Mandatory	
	01 09	Date Qualifier (Process Date)
	02 CCYYMMDD	Enter Process Date of Inventory Adjustment (ECD)
	03 W	Time Qualifier (Process Time)
04 HHMMSSDD	Enter Process Time of Inventory Adjustment (ECD) (Universal Time Coordinate)	

Note: The CAV-EDI application uses "HHMMSS" (6 position field) to indicate *the unique Date Timestamp.*

Example: G62*09*20040904*W*16393500

2/G62/0800	Mandatory	
	01 KA	Date Qualifier (Scheduled Service Completion) (Estimated Completion Date)
	02 CCYYMMDD	Enter Estimated Completion Date

Example: G62*KA*20081125

2/LM/0900	Mandatory	
	01 DF	Agency Qualifier Code (DOD)

Example: LM*DF

2/LQ/1000	Mandatory	
	01 0	Code List Qualifier Code (Doc ID)
	02 ECD	Enter Doc ID (Estimated Completion Date)

Example: LQ*0*ECD

For mapping from DLMS to Navy CAV legacy inventory adjustment and ECD transactions, if that is required, the presence of 2/G6201/0800/KA indicates an ECD transaction will be required in addition to MILSTRAP DI Code DAC. The G62 date qualifier 'KA' estimated completion date (ECD) is only used by CAV.

DLMSO Staffing Note: Navy ERP should plan to provide the 2/G6201/0800/KAECD (the date) as part of the inventory adjustment transaction (W1505 Transaction Type Code 'NU-Inventory Adjustment') when ECD is required with the inv adjustment transaction, rather than as 2 separate transactions. When changing the ECD, then W1505 Transaction Type Code 'A5-Notice of Charge' should be used. Notice of change should only be used to change an ECD associated with an inventory adjustment transaction (Dual-SCC change) that was already processed.

Detail Level Requirements (Cont'd)

<u>SEGMENT</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
2/N1/1100	Mandatory	
	01 Z4	Entity Identifier Code (Owning Inventory Control Point)
	03 M4	Identification Code Qualifier (RIC)
	04 3 position	Enter ICP RIC
	06 TO	Entity Identifier Code (Message To)

Example: N1*Z4**M4*N32**TO

2/LX/1500	Conditional	Assigned Number
	01 1-6 position	1 st and only iteration of loop

Note: This segment must be used with any occurrence of the 2/N9/1600 segments below.

Example: LX*1

2/N9/1600	Optional	
	01 SE	Reference Identification Qualifier (Serial Number)
	02 1-32 position	Enter Serial Number

Example: N9*SE*1313132160000A1112000987654321

Trailer Level Requirements

<u>SEGMENT</u>	<u>VALUE</u>	<u>DESCRIPTION</u>
2/SE/2100	Mandatory	
	01 1-10 position	Number of Included Segments (Total number of segments in this transaction set including ST and SE segments)
	02 4-9 position	Transaction Set Control Number (Contains the same number cited in ST02)

Example: SE*31*000012577