

945 Warehouse Shipping Advice

Functional Group ID=**SW**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.

Notes:

1. Use this implementation convention (IC) only to support the Navy Performance Based Logistics (PBL) project. This IC is a subset of the corresponding Defense Logistics Management System (DLMS) IC (i.e., this IC use only DLMS approved segments, data elements and codes, but not all of them). The Federally approved implementation convention (004010F945A0, date 29 September 1998) can be found on the NIST website.

2. Navy PBL vendors use this transaction set to provide Inventory Control Points (ICPs) or Integrated Material Managers (IMMs) with disposition information on material release orders (including material release order modifications), and requests to cancel material release orders.

3. Use a single occurrence of this transaction set to exchange single or multiple transactions between a single storage facility and a single or multiple ICPs/IMMs.

4. DoD Users operating under the DLMS and Federal/Civil Agencies operating under Federal Standard Requisitioning and Issue Procedures (FEDSTRIP) must reference the DLMS Unit of Issue, Transportation Mode of Shipment, and Accounting Classification Appendices. These Appendices can be found on the National Institute of Standards and technology (NIST) World Wide Web site.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	W06	Warehouse Shipment Identification	M	1		
						10	
7	040	N1	Name	M	1		
Not Used	050	N2	Additional Name Information	O	1		
Not Used	060	N3	Address Information	O	2		
Not Used	070	N4	Geographic Location	O	1		
Not Used	080	PER	Administrative Communications Contact	O	5		
Not Used	090	N9	Reference Identification	O	10		
Not Used	100	G61	Contact	O	3		

945 (Navy PBL Material Release Advice)

9	110	G62	Date/Time	O	5
Not Used	120	NTE	Note/Special Instruction	O	20
Not Used	130	W27	Carrier Detail	O	1
Not Used	135	W6	Special Handling Information	O	1
Not Used	140	W28	Consolidation Information	O	1
Not Used	150	W10	Warehouse Additional Carrier Information	O	10
Not Used	155	G72	Allowance or Charge	O	5
LOOP ID - 0200					10
Not Used	160	LM	Code Source Information	O	1
Not Used	170	LQ	Industry Code	M	100

Detail:

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LOOP ID - 0300						>1	
10	005	LX	Assigned Number	O	1		
Not Used	010	MAN	Marks and Numbers	O	>1		
Not Used	015	PAL	Pallet Information	O	1		
Not Used	017	N9	Reference Identification	O	5		
LOOP ID - 0310						>1	
11	020	W12	Warehouse Item Detail	O	1		
Not Used	030	G69	Line Item Detail - Description	O	5		
14	040	N9	Reference Identification	O	200		
17	050	G62	Date/Time	O	10		
19	055	QTY	Quantity	O	10		
Not Used	057	MEA	Measurements	O	5		
Not Used	060	AMT	Monetary Amount	O	1		
Not Used	070	R4	Port or Terminal	O	5		
21	075	W27	Carrier Detail	O	1		
23	080	N1	Name	O	5		
Not Used	085	G72	Allowance or Charge	O	5		
LOOP ID - 0311						10	
25	090	LM	Code Source Information	O	1		
26	100	LQ	Industry Code	M	100		
Not Used	105	LS	Loop Header	O	1		
LOOP ID - 0312						>1	
Not Used	110	LX	Assigned Number	O	1		n1
Not Used	120	N9	Reference Identification	O	>1		
Not Used	130	G62	Date/Time	O	10		
Not Used	140	N1	Name	O	1		
LOOP ID - 0313						10	
Not Used	150	LM	Code Source Information	O	1		
Not Used	160	LQ	Industry Code	M	100		
Not Used	165	LE	Loop Trailer	O	1		
LOOP ID - 0314						>1	
29	170	FA1	Type of Financial Accounting Data	O	1		

30	180	FA2	Accounting Data	M	>1			
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Summary:

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Not Used	010	W03	Total Shipment Information	O	1		
31	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The LX loop conveys serial number data.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set 945 Warehouse Shipping Advice	
Must Use	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **W06** Warehouse Shipment Identification
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To provide identifying numbers, dates, and other basic data for this transaction set
Syntax Notes: 1 If either W0607 or W0608 is present, then the other is required.
Semantic Notes: 1 W0603 is the actual date on which shipment was made.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	W0601	514 Reporting Code Code specifying the basis used when reporting shipment information J Original Transaction	M ID 1/1
Not Used	W0602	285 Depositor Order Number Identifying number for warehouse shipping order assigned by the depositor	O AN 1/22
Not Used	W0603	373 Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	W0604	145 Shipment Identification Number Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)	O AN 1/30
Not Used	W0605	531 Agent Shipment ID Number Identification number assigned to the shipment by the agent (Number does not contain blank or punctuation characters)	O AN 1/12
Not Used	W0606	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	O AN 1/22
Not Used	W0607	474 Master Reference (Link) Number Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group)	X AN 1/22
Not Used	W0608	472 Link Sequence Number A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT")	X N0 6/6
Not Used	W0609	152 Special Handling Code Code specifying special transportation handling instructions	O ID 2/3

Not Used	W0610	891	Shipping Date Change Reason Code	O ID 2/2
			Code informing a depositor why shipment of an order was delayed	
	W0611	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
		NJ	Material Release Confirmation	
			<i>Use to provide confirmation on a material release order.</i>	
		NK	Material Release Denial	
			<i>Use to provide denial (warehouse refusal) information on a material release order.</i>	
		NL	Material Release Advice	
			<i>Use to provide status on a material release order.</i>	
		NR	Material Release Cancellation Advice	
			<i>Use to provide status taken on a request to cancel a material release order.</i>	
Not Used	W0612	306	Action Code	O ID 1/2
			Code indicating type of action	

Segment: **N1** Name
Position: 040
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Notes: *Must use this 1/N1/040 loop to identify the organization originating the transaction set.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SB Storage Area <i>Use to identify the storage facility originating the transaction set.</i>	M ID 2/3
Not Used	N102	93 Name Free-form name	X AN 1/60
Must Use	N103	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 10 Department of Defense Activity Address Code (DODAAC) M4 Department of Defense Routing Identifier Code (RIC)	X ID 1/2
Must Use	N104	67 Identification Code Code identifying a party or other code	X AN 2/80
Not Used	N105	706 Entity Relationship Code Code describing entity relationship	O ID 2/2
Must Use	N106	98 Entity Identifier Code	O ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

FR

Message From

Must use to indicate the organization cited in N104 is originating the transaction set.

Segment: **G62** Date/Time
Position: 110
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 5
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of G6201 or G6203 is required.
 2 If either G6201 or G6202 is present, then the other is required.
 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Must use to identify the date and time of transaction set preparation.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	G6201	432	Date Qualifier	X ID 2/2
			Code specifying type of date	
			BB Transaction Control Date	
			<i>Use to identify the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).</i>	
Must Use	G6202	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Must Use	G6203	176	Time Qualifier	X ID 1/2
			Code specifying the reported time	
			W Effective Time	
			<i>1. Express the originating activity's the time of transaction set preparation in UTC.</i>	
			<i>2. Express time in a four-position (HHMM) format.</i>	
Must Use	G6204	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	G6205	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

Segment: **LX** Assigned Number
Position: 005
Loop: 0300 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment must be used only to meet X12 syntax requirements.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LX01	554 Assigned Number	M N0 1/6
		Number assigned for differentiation within a transaction set	
		<i>In the first and only iteration of this 2/LX/005 loop, cite the numeric 1.</i>	

Segment: **W12 Warehouse Item Detail**

Position: 020

Loop: 0310 Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To designate those line items that were shipped

- Syntax Notes:**
- 1 At least one of W1206 or W1207 is required.
 - 2 If either W1207 or W1208 is present, then the other is required.
 - 3 If any of W1210 W1211 or W1212 is present, then all are required.
 - 4 If any of W1213 W1214 or W1215 is present, then all are required.
 - 5 If either W1217 or W1218 is present, then the other is required.
 - 6 If either W1221 or W1222 is present, then the other is required.

Semantic Notes: 1 Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.

Comments:

Notes: *Must use the 2/W12/020 loop to identify the material and other data pertinent to the transaction.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	W1201	368 Shipment/Order Status Code	M ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
		SA Shipment Quantity Increase	
		<i>Use with W0611 code NJ (Material Release Confirmation) to indicate release of quantity greater than requested due to unit pack.</i>	
		SC Shipment Quantity Decrease	
		<i>Use with W0611 code NJ (Material Release Confirmation) to indicate release of quantity less than requested due to unit pack.</i>	
		UR Unsolicited Report	
		<i>Use to indicate a response to a material release transaction. Do not use when code SA or SC applies.</i>	
Not Used	W1202	330 Quantity Ordered	O R 1/15
		Quantity ordered	
Not Used	W1203	382 Number of Units Shipped	O R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	
Not Used	W1204	383 Quantity Difference	O R 1/9

			Numeric value of variance between ordered and shipped quantities	
Not Used	W1205	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	W1206	438	U.P.C. Case Code	X AN 12/12
			Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)	
Must Use	W1207	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			<i>Use only one of codes FS, MG, to identify the material. Must use the National Stock Number (NSN) when known.</i>	
			FS National Stock Number	
			MG Manufacturer's Part Number	
			<i>Use to identify nonstandard material.</i>	
Must Use	W1208	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	W1209	451	Warehouse Lot Number	O AN 1/12
			Reference number assigned by the warehouse	
Not Used	W1210	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	W1211	187	Weight Qualifier	X ID 1/2
			Code defining the type of weight	
Not Used	W1212	188	Weight Unit Code	X ID 1/1
			Code specifying the weight unit	
Not Used	W1213	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	W1214	187	Weight Qualifier	X ID 1/2
			Code defining the type of weight	
Not Used	W1215	188	Weight Unit Code	X ID 1/1
			Code specifying the weight unit	
Not Used	W1216	438	U.P.C. Case Code	O AN 12/12
			Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)	
	W1217	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			ZB Commercial and Government Entity (CAGE) Code	

Use with code W1207 code MG to uniquely identify the manufacturer's part number.

	W1218	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	W1219	892	Line Item Change Reason Code Code defining reason for any difference between quantity ordered and quantity shipped for a line item	O ID 2/2
Not Used	W1220	893	Warehouse Detail Adjustment Identifier Code to identify detail line item as an adjustment to inventory levels	O ID 1/1
Not Used	W1221	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	W1222	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Segment: **N9 Reference Identification**
Position: 040
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
 - 2 If N906 is present, then N905 is required.
 - 3 If either C04003 or C04004 is present, then the other is required.
 - 4 If either C04005 or C04006 is present, then the other is required.

- Semantic Notes:**
- 1 N906 reflects the time zone which the time reflects.
 - 2 N907 contains data relating to the value cited in N902.

Comments:

- Notes:**
1. *Must use at least once to identify the transaction number.*
 2. *For the material release confirmation must use once to identify the shipment transportation control number (TCN) (Code TG).*
 3. *Use additional repetitions to identify ancillary information related to the transaction.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use on of CT or W3, but not both in government furnished material (GFM) transactions.</i>	M ID 2/3
			CT Contract Number <i>Use on shipments of GFM to the contractor.</i>	
			TG Transportation Control Number (TCN) <i>Must use to identify the content of all shipments as specified by intransit control procedures.</i>	
			TN Transaction Reference Number <i>Must use to identify the transaction number assigned to this transaction.</i>	
			W3 Manufacturing Directive Number <i>Use on shipments of GFM to the contractor.</i>	
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	N903	369	Free-form Description	X AN 1/45

			Free-form descriptive text	
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use only one of the codes 08, AW, BL, BM, IZ, K2, K3, WY or ZH for material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions with N901 code TN to identify the shipment unit number. Code supplements the cross reference between the TCN used for intransit control procedures and the applicable shipment identification number associated with the mode of shipment.</i>	M ID 2/3
		08	Carrier Assigned Package Identification Number <i>Use to identify the shipment unit small package identification number when no other number is available.</i>	
		AW	Air Waybill Number <i>Use to identify the shipment unit air waybill number.</i>	
		BL	Government Bill of Lading <i>Use to identify the government bill of lading (e.g., not through a CONUS regional freight consolidation center) to a CONUS destination.</i>	
		BM	Bill of Lading Number <i>Use to identify the shipment unit commercial bill of lading number.</i>	
		IZ	Insured Parcel Post Number <i>Use to identify the shipment unit insured parcel post number.</i>	

K2 Certified Mail Number
Use to identify the shipment unit certified mail number.

K3 Registered Mail Number
Use to identify the shipment unit registered parcel post number.

W8 Suffix
Use with code N901 code TN to identify the transaction number suffix.

WY Waybill Number
Use to identify the shipment unit waybill number.

ZH Carrier Assigned Reference Number
Use to identify the shipment unit express mail number.

Must Use	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **G62** Date/Time
Position: 050
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of G6201 or G6203 is required.
 2 If either G6201 or G6202 is present, then the other is required.
 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:
Notes: *Use multiple repetitions to define unique dates associated with the transaction.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6201	432	Date Qualifier	X ID 2/2
			Code specifying type of date	
		09	Process Date	
			<i>Use with the transaction history to identify the date on which the material release advice was processed by the initiating activity.</i>	
		11	Shipped on This Date	
			<i>Use in material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the date material was shipped.</i>	
		17	Estimated Delivery Date	
			<i>Use in material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the estimated shipping date or estimated date material will be available for shipment when shipment has not occurred.</i>	
		BH	Offered for Delivery	
			<i>Use in material release advice and disposal release advice transactions to identify the date material is tendered to the carrier for shipment.</i>	
		BU	Rejection	
			<i>Use in material release denial, historical material release material, disposal release denial, and</i>	

historical disposal release denial transactions to identify the date of warehouse refusal.

TR

Transfer

Use in material release advice and disposal release advice transactions to identify the date material is transferred to the carrier if a delay occurs prior to actual shipment.

Must Use	G6202	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	G6203	176	Time Qualifier	X	ID 1/2
			Code specifying the reported time		
Not Used	G6204	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	G6205	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		

Segment: **QTY** Quantity
Position: 055
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:
Notes: *Must use at least one iteration of this 2/QTY/055 loop to identify quantities associated with the transaction.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			01 Discrete Quantity	
			<i>Use in material release advice and disposal release advice transactions to identify the the quantity for which status is being provided.</i>	
			03 Discreet Quantity - Rejected Material	
			<i>Use in material release cancellation advice, historical material release cancellation advice, disposal release cancellation advice, and historical disposal release cancellation advice transactions to identify the quantity which was cancelled.</i>	
			39 Shipped Quantity	
			<i>Use in material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the quantity for which release is confirmed.</i>	
			QC Quantity Disapproved	
			<i>Use in material release denial, historical material denial confirmation, disposal release denial, and historical disposal release denial transactions to identify the quantity of the qarehouse refusal.</i>	
Must Use	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
Must Use	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for	

			examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use for material release confirmation transactions to identify the unit of issue for the material shipped. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment: **W27** Carrier Detail
Position: 075
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify details of the transportation equipment and carrier routing details
Syntax Notes: 1 At least one of W2702 or W2703 is required.
Semantic Notes: 1 W2702 is required when W2701 equals "B", "E", "H", "I", "K", "L", "M", "P" or "T".
 2 W2706 is required when W2701 equals "G" or "R".
Comments: 1 Shipment/Order Status Code is used at the total-invoice level only when differences cannot be provided at the line-item level or when the entire order has been shipped complete.
Notes: *Use to identify the mode of shipment.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	W2701	91 Transportation Method/Type Code	M ID 1/2
		Code specifying the method or type of transportation for the shipment <i>Use as needed for material release confirmation transactions only to identify the mode of shipment. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes.</i>	
Must Use	W2702	140 Standard Carrier Alpha Code	X ID 2/4
		Standard Carrier Alpha Code <i>Use code "ZZ" for this data element to meet mandatory X12 syntax requirements.</i>	
Not Used	W2703	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	W2704	146 Shipment Method of Payment	O ID 2/2
		Code identifying payment terms for transportation charges	
Not Used	W2705	40 Equipment Description Code	O ID 2/2
		Code identifying type of equipment used for shipment	
Not Used	W2706	206 Equipment Initial	O AN 1/4
		Prefix or alphabetic part of an equipment unit's identifying number	
Not Used	W2707	207 Equipment Number	O AN 1/10
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
Not Used	W2708	368 Shipment/Order Status Code	O ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	

Not Used	W2709	152	Special Handling Code	O ID 2/3
			Code specifying special transportation handling instructions	
Not Used	W2710	890	Carrier/Route Change Reason Code	O ID 2/2
			Code reflecting reason a requested carrier or route was changed	

Segment: **N1** Name
Position: 080
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Notes: 1. *Must use this 2/N1/080 loop to identify the organization to receive the transaction.*
 2. *Use additional iterations to identify other organizations associated with the transaction.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		CA Carrier	
		<i>Use for material release confirmations, historical material release confirmations, disposal release confirmations, and historical disposal release confirmations to identify the shipment unit carrier.</i>	
		CN Consignee	
		<i>Use for material release cancellation advice and historical material release cancellation advice transactions to identify the consignee.</i>	
		ST Ship To	
		<i>Use for material release confirmations, historical material release confirmations, disposal release confirmations, and historical disposal release confirmations to identify the organization to receive the material.</i>	
		Z4 Owning Inventory Control Point	
		<i>Must use to identify the ICP to receive the transaction set.</i>	
Not Used	N102	93 Name	X AN 1/60

			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			2 Standard Carrier Alpha Code (SCAC)	
			<i>Use as needed to identify the commercial carrier.</i>	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10 Department of Defense Activity Address Code (DODAAC)	
			M4 Department of Defense Routing Identifier Code (RIC)	
Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			TO Message To	
			<i>Must use with 2/N101/080 code Z4 to indicate the organization cited in N104 is receiving the transaction.</i>	

Segment: **LM** Code Source Information
Position: 090
Loop: 0311 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this 2/LM/090 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 100
Loop: 0311 Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
			<i>Use one of codes 99 or A1 (but not both), as needed.</i>	
		0	Document Identification Code	
		36	Air Terminal Identifier Code	
			<i>Use in material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions only to identify air terminal identification codes for OCONUS shipments made via DTS air modes.</i>	
		37	Water Terminal Identifier Code	
			<i>Use in material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions only to identify water terminal identification codes for OCONUS shipments made via DTS water modes.</i>	
		38	Consolidation and Containerization Point Code	
			<i>Use in CONUS destination shipments to identify the applicable regional freight consolidation center through which a shipment will transfer.</i>	
		58	Transportation Bill Code	
			<i>Use in SA material release confirmation and historical material release confirmation transactions only to identify the appropriate transportation billing information.</i>	
		78	Project Code	
			<i>Use to identify special programs, exercises, projects,</i>	

	<i>operations, and other purposes.</i>
79	Priority Designator Code <i>Use to identify the supply priority assigned to this transaction.</i>
81	Status Code <i>Use to identify any applicable supply status information.</i>
83	Supply Condition Code <i>Use to identify the supply condition code of the material referenced in the transaction.</i>
84	Management Code <i>Use to identify the applicable management information related to the material referenced in the transaction.</i>
93	Type of Storage Code <i>Use for material release confirmation and historical material release confirmation transactions to identify the minimum level of storage environment required for the shipment unit.</i>
99	Purpose Code
A1	Ownership Code
A9	Supplemental Data <i>Use only for in-service or agency transactions to identify service or agency-unique data as required.</i>
AK	Distribution Code
BC	Transportation Holding Delay Code <i>Use for material release confirmation, historical material release confirmation, disposal release confirmation, and historical disposal release confirmation transactions to identify the reason shipment has been delayed.</i>
COG	Cognizance Symbol <i>Use to identify the material cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to the Navy only; Non-Navy Components are to perpetuate without action.</i>
DE	Signal Code
DF	Media and Status Code
SMI	Special Material Identification Code <i>Use to identify the Special Material Identification Code (SMIC) for the end item. Indicate NSL for</i>

*non-stock numbered listed items. This is a Navy
-unique data element meaningful to the Navy
only; Non-Navy Components are to perpetuate
without action.*

Must Use **LQ02** **1271** **Industry Code** **X AN 1/30**
Code indicating a code from a specific industry code list

Segment: **FA1** Type of Financial Accounting Data
Position: 170
Loop: 0314 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	FA101	559 Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		DF Department of Defense (DoD)	
		<i>Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.</i>	
		DN Department of the Navy	
		<i>Includes the United States Marine Corps.</i>	
Must Use	FA102	1300 Service, Promotion, Allowance, or Charge Code	O ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		D340 Goods and Services Charge	
Not Used	FA103	248 Allowance or Charge Indicator	O ID 1/1
		Code which indicates an allowance or charge for the service specified	

Segment: **FA2 Accounting Data**
Position: 180
Loop: 0314 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data

Syntax Notes:

Semantic Notes:

Comments:

Notes: *Use this segment to identify the various components of the line of accounting and numbers associated with a line of accounting.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	FA201	1196	Breakdown Structure Detail Code	M ID 2/2
			Codes identifying details relating to a reporting breakdown structure tree	
		18	Funds Appropriation	
			<i>Use to indicate the basic appropriation number (department code through appropriation limit). Example: 1717979818100400.</i>	
		B5	Fund Code	
		L1	Accounting Installation Number	
			<i>Use to indicate the Authorization Accounting Activity (AAA)/Accounting and Disbursing Station Number (ASDN)/ Fiscal Station Number (FSN).</i>	
		ZZ	Mutually Defined	
			<i>Cite supplemental financial accounting data.</i>	
Must Use	FA202	1195	Financial Information Code	M AN 1/80
			Code representing financial accounting information	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	Des.	Element	Name	Attributes
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number that was cited in ST02.</i>	