

940 Warehouse Shipping Order

Functional Group ID=**OW**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Notes:

Use to direct shipments, to inquire about the status of open shipment directives, and to cancel or modify previously submitted shipment directives.

2. Use a single occurrence of this transaction set to exchange single or multiple transactions between a single organization and a single or multiple organizations.

3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlmso>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	0100	ST	Transaction Set Header	M	1		
5	0200	W05	Shipping Order Identification	M	1		
LOOP ID - 0100						10	
7	0400	N1	Name	O	1		
Not Used	0500	N2	Additional Name Information	O	2		
Not Used	0600	N3	Address Information	O	2		
Not Used	0700	N4	Geographic Location	O	1		
Not Used	0800	PER	Administrative Communications Contact	O	5		
Not Used	0900	N9	Reference Identification	O	10		
Not Used	1000	G61	Contact	O	3		
9	1100	G62	Date/Time	O	10		
Not Used	1200	NTE	Note/Special Instruction	O	>1		
Not Used	1300	W09	Equipment and Temperature	O	1		
Not Used	1400	W66	Warehouse Carrier Information	O	1		
Not Used	1500	W6	Special Handling Information	O	5		
Not Used	1530	R2	Route Information	O	13		
Not Used	1560	BNX	Rail Shipment Information	O	1		

940R (R3) Warehouse Shipping Order (Material Release)

LOOP ID - 0150			1
Not Used	1570	TD3	Carrier Details (Equipment) O 1
Not Used	1580	AT9	Trailer or Container Dimension and Weight O 1
LOOP ID - 0200			10
Not Used	1600	LM	Code Source Information O 1
Not Used	1700	LQ	Industry Code M 100

Detail:

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LOOP ID - 0300			>1				
10	0050	LX	Assigned Number	O	1		
Not Used	0100	MAN	Marks and Numbers	O	>1		
Not Used	0150	SDQ	Destination Quantity	O	>1		
Not Used	0160	N1	Name	O	1		
Not Used	0170	G62	Date/Time	O	10		
Not Used	0190	N9	Reference Identification	O	>1		
LOOP ID - 0310			>1				
11	0200	W01	Line Item Detail - Warehouse	O	1		
Not Used	0300	G69	Line Item Detail - Description	O	5		
13	0400	N9	Reference Identification	O	200		
15	0450	NTE	Note/Special Instruction	O	>1		
Not Used	0500	W20	Line-Item Detail - Miscellaneous	O	3		
16	0700	QTY	Quantity	O	10		
18	0800	AMT	Monetary Amount	O	1		
19	0900	G62	Date/Time	O	10		
20	1000	G66	Transportation Instructions	O	1		
LOOP ID - N1			>1				
21	1100	N1	Name	O	1		
23	1101	N2	Additional Name Information	O	1		
24	1102	N3	Address Information	O	1		
25	1103	N4	Geographic Location	O	1		
Not Used	1120	PER	Administrative Communications Contact	O	5		
Not Used	1140	LH2	Hazardous Classification Information	O	6		
Not Used	1160	LHR	Hazardous Material Identifying Reference Numbers	O	1		
Not Used	1180	LH6	Hazardous Certification	O	5		
LOOP ID - 0320			10				
26	1200	LM	Code Source Information	O	1		
27	1300	LQ	Industry Code	M	100		
28	1350	LS	Loop Header	O	1		
LOOP ID - 0330			>1				
29	1400	LX	Assigned Number	O	1		n1
30	1500	N9	Reference Identification	O	>1		
32	1600	G62	Date/Time	O	10		
33	1700	N1	Name	O	1		

940R (R3) Warehouse Shipping Order (Material Release)

Not Used	1750	SDQ	Destination Quantity	O	>1	
						10
Not Used	1800	LM	Code Source Information	O	1	
Not Used	1900	LQ	Industry Code	M	100	
						>1
Not Used	2000	LH1	Hazardous Identification Information	O	1	
Not Used	2100	LH2	Hazardous Classification Information	O	4	
Not Used	2200	LH3	Hazardous Material Shipping Name	O	10	
Not Used	2300	LFH	Freeform Hazardous Material Information	O	20	
Not Used	2400	LEP	EPA Required Data	O	3	
Not Used	2500	LH4	Canadian Dangerous Requirements	O	1	
Not Used	2600	LHT	Transborder Hazardous Requirements	O	3	
Not Used	2700	LHR	Hazardous Material Identifying Reference Numbers	O	5	
Not Used	2800	PER	Administrative Communications Contact	O	5	
34	2850	LE	Loop Trailer	O	1	
						>1
35	2900	FA1	Type of Financial Accounting Data	O	1	
36	3000	FA2	Accounting Data	M	>1	

Summary:

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Not Used	0100	W76	Total Shipping Order	O	1		
38	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The LX loop conveys serial number data.

Segment: **ST** Transaction Set Header

Position: 0100

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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set 940 Warehouse Shipping Order	
M	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>	
	ST03	1705 Implementation Convention Reference	O AN 1/35
		Reference assigned to identify Implementation Convention	

Segment: **W05** Shipping Order Identification
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data for this transaction set
Syntax Notes: 1 If either W0504 or W0505 is present, then the other is required.
Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	W0501	473 Order Status Code	M ID 1/1
		Code identifying purpose of transaction set	
		N Original	
		X Simulation Exercise	
M	W0502	285 Depositor Order Number	M AN 1/22
		Identifying number for warehouse shipping order assigned by the depositor	
		<i>Use Code "Z" for this data element to meet mandatory X12 syntax requirements.</i>	
Not Used	W0503	324 Purchase Order Number	O AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
Not Used	W0504	472 Link Sequence Number	X N0 6/6
		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")	
Not Used	W0505	474 Master Reference (Link) Number	X AN 1/22
		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)	
Must Use	W0506	640 Transaction Type Code	O ID 2/2
		Code specifying the type of transaction	
		NA Material Release Order	
		NB Material Release Inquiry	
		ND Material Release Cancellation	
		NE Disposal Release Order	
		NF Disposal Release Inquiry	
		NG Disposal Release Cancellation	

			NH	Disposal Shipment Confirmation Inquiry	
			NI	Redistribution Order	
	W0507	306	Action Code		O ID 1/2
			Code indicating type of action		
			2	Change (Update)	
			CL	Closed	
			EB	Establish Additional Address	
				<i>Use with W0506 code NA to indicate the MRO contains an exception address.</i>	
			PI	Provide Additional Information	
				<i>Use with W0506 code NA to indicate the MRO contains exception pick/pack instructions</i>	
			RG	Refer	
			W1	Reconcile Historical Records	
Not Used	W0508	92	Purchase Order Type Code		O ID 2/2
			Code specifying the type of Purchase Order		

Segment: **N1** Name
Position: 0400
Loop: 0100 Optional
Level: Heading
Usage: Optional
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:

Notes: *Must use this 1/N1/0400 loop to identify the organization originating the transaction set.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	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) UR Uniform Resource Locator (URL)	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
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From <i>Must use with the appropriate 1/N101/0400 code to indicate that the organization cited in N104 is</i>	O ID 2/3

originating the transaction set.

Segment: **G62** Date/Time
Position: 1100
Loop:
Level: Heading
Usage: Optional (Must Use)
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:

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

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	G6201	432	Date Qualifier Code specifying type of date 07 Effective Date <i>Use to identify the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).</i>	X ID 2/2
Must Use	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X DT 8/8
Must Use	G6203	176	Time Qualifier Code specifying the reported time W Effective Time <i>1. Express the originating activity's time of transaction set preparation in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	X ID 1/2
Must Use	G6204	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	G6205	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

Segment: **LX** Assigned Number
Position: 0050
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:
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>
M	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 1/LX/0050 loop, cite numeric 1.</i>	

Segment: **W01** Line Item Detail - Warehouse

Position: 0200

Loop: 0310 Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit basic and most frequent shipment-related line-item data elements

- Syntax Notes:**
- 1 At least one of W0103 or W0104 is required.
 - 2 If either W0104 or W0105 is present, then the other is required.
 - 3 If either W0106 or W0107 is present, then the other is required.
 - 4 If either W0110 or W0111 is present, then the other is required.
 - 5 If either W0115 or W0116 is present, then the other is required.

Semantic Notes:

Notes: *Must use the 2/W01/0200 loop to identify material and other data pertinent to the transaction affecting the selection and shipment of material.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	W0101	330 Quantity Ordered Quantity ordered <i>Use to identify the material quantity associated with the transaction.</i>	M R 1/15
M	W0102	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 to identify the unit of issue for the required material.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	W0103	438 U.P.C. Case Code 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)	X AN 12/12
Must Use	W0104	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) A1 Plant Equipment Number A2 Department of Defense Identification Code (DoDIC) A4 Subsistence Identification Number FB Form Number FS National Stock Number FT Federal Supply Classification MG Manufacturer's Part Number YP Publication Number	X ID 2/2

			ZZ	Mutually Defined	
Must Use	W0105	234	Product/Service ID		X AN 1/48
			Identifying number for a product or service		
	W0106	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			CN	Commodity Name	
			ZB	Commercial and Government Entity (CAGE) Code	
	W0107	234	Product/Service ID		X AN 1/48
			Identifying number for a product or service		
Not Used	W0108	59	Freight Class Code		O AN 2/5
			Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.		
Not Used	W0109	121	Rate Class Code		O ID 1/3
			Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k		
Not Used	W0110	23	Commodity Code Qualifier		X ID 1/1
			Code identifying the commodity coding system used for Commodity Code		
Not Used	W0111	22	Commodity Code		X AN 1/30
			Code describing a commodity or group of commodities		
Not Used	W0112	416	Pallet Block and Tiers		O N0 6/6
			Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet		
Not Used	W0113	451	Warehouse Lot Number		O AN 1/12
			Reference number assigned by the warehouse		
	W0114	286	Product/Service Condition Code		O ID 2/2
			Code identifying condition of product/service		
			03	Recouped	
			<i>Use to indicate that reclamation is required.</i>		
Not Used	W0115	235	Product/Service ID Qualifier		X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	W0116	234	Product/Service ID		X AN 1/48
			Identifying number for a product or service		

Segment: **N9 Reference Identification**
Position: 0400
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.

Notes: *Use multiple repetitions to identify ancillary information related to the transaction. Must use at least one repetition to identify the transaction number.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M ID 2/3
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 1/50
	N903	369 Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	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	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			1Y Repair Action Number	
			OQ Order Number	
			W8 Suffix	
M	C04002	127	Reference Identification	M AN 1/50
			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 1/50
			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 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **NTE** Note/Special Instruction
Position: 0450
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:
Semantic Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363		Note Reference Code	O ID 3/3
			Code identifying the functional area or purpose for which the note applies	
			ORI Order Instructions	
M	NTE02	352	Description	M AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **QTY** Quantity
Position: 0700
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
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.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	QTY01	673 Quantity Qualifier Code specifying the type of quantity V1 Retention Quantity	M ID 2/2
Must Use	QTY02	380 Quantity Numeric value of quantity <i>Express as a whole number with no decimal.</i>	X R 1/15
Not Used	QTY03	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Not Used	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	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: **AMT** Monetary Amount
Position: 0800
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	AMT01	522	Amount Qualifier Code Code to qualify amount LI Line Item Unit Price	M ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

Segment: **G62** Date/Time
Position: 0900
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:

Notes: *Use multiple repetitions to define unique dates or delivery periods associated with the transaction.*

Data Element Summary

Ref.	Data			
<u>Des.</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	
			<i>Use any code.</i>	
			Refer to 004030 Data Element Dictionary for acceptable code values.	
Must Use	G6202	373	Date	X DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
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: **G66** **Transportation Instructions**
Position: 1000
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to the shipment
Syntax Notes:
Semantic Notes:
Notes: *Use to identify the mode of shipment.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	G6601	146		Shipment Method of Payment Code identifying payment terms for transportation charges	O ID 2/2
	G6602	91		Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Refer to 004030 Data Element Dictionary for acceptable code values.	O ID 1/2
Not Used	G6603	399		Pallet Exchange Code Code specifying pallet exchange instructions	O ID 1/1
Not Used	G6604	400		Unit Load Option Code Code identifying loading or unloading a shipment	O ID 2/2
Not Used	G6605	387		Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	O AN 1/35
Not Used	G6606	433		F.O.B. Point Code Code identifying type of F.O.B. point	O ID 2/2
Not Used	G6607	434		F.O.B. Point Descriptive name of F.O.B. point	O AN 1/30

Segment: **N1** Name
Position: 1100
Loop: N1 Optional
Level: Detail
Usage: Optional
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:

Notes:

1. Use this 2/N1/1100 loop to identify the organization receiving the transaction set, a new consignee for diversions, and to identify entities within the ship-to address that will actually receive the material.
2. Use additional iterations to identify other organizations associated with the transaction.

Data Element Summary

Ref.	Data														
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>												
M	N101	98	Entity Identifier Code M ID 2/3 Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.												
	N102	93	Name X AN 1/60 Free-form name												
	N103	66	Identification Code Qualifier X ID 1/2 Code designating the system/method of code structure used for Identification Code (67) <table border="0" style="margin-left: 20px;"> <tr> <td>1</td> <td>D-U-N-S Number, Dun & Bradstreet</td> </tr> <tr> <td>9</td> <td>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</td> </tr> <tr> <td>10</td> <td>Department of Defense Activity Address Code (DODAAC)</td> </tr> <tr> <td>A2</td> <td>Military Assistance Program Address Code (MAPAC)</td> </tr> <tr> <td>M4</td> <td>Department of Defense Routing Identifier Code (RIC)</td> </tr> <tr> <td>UR</td> <td>Uniform Resource Locator (URL)</td> </tr> </table>	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)	A2	Military Assistance Program Address Code (MAPAC)	M4	Department of Defense Routing Identifier Code (RIC)	UR	Uniform Resource Locator (URL)
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)														
A2	Military Assistance Program Address Code (MAPAC)														
M4	Department of Defense Routing Identifier Code (RIC)														
UR	Uniform Resource Locator (URL)														
	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

Must use with the appropriate 2/N101/1100 code to indicate the organization cited in N104 is receiving the transaction.

Segment: **N2** Additional Name Information
Position: 1101
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Notes: *Use to identify additional name information as authorized.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N201	93 Name Free-form name	M AN 1/60
	N202	93 Name Free-form name	O AN 1/60

Segment: **N3** **Address Information**
Position: 1102
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Notes: *Use to identify additional address information as authorized.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N301	166 Address Information Address information	M AN 1/55
	N302	166 Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 1103
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26 Country Code Code identifying the country	X ID 2/3
N405	309 Location Qualifier Code identifying type of location IP Postal	X ID 1/2
N406	310 Location Identifier Code which identifies a specific location	O AN 1/30
Not Used	N407 1715 Country Subdivision Code Code identifying the country subdivision	X ID 1/3

Segment: **LM** Code Source Information
Position: 1200
Loop: 0320 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Notes: *Must use this 2/LM/1200 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	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: 1300
Loop: 0320 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:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LQ01	1270 Code List Qualifier Code Code identifying a specific industry code list <i>Use any code.</i>	O ID 1/3
		Refer to 004030 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271 Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **LS** Loop Header
Position: 1350
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate that the next segment begins a loop

Syntax Notes:

Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Notes: *Must use with any given iteration of the 2/W01/0200 loop when the 2/LX/1400 Unique Item Tracking (UIT) loop is used. Use of this segment prevents collision of segments.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LS01	447 Loop Identifier Code	M AN 1/6
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		<i>Cite the numeric 0330 to satisfy the ANSI syntax requirement.</i>	

Segment: **LX** Assigned Number
Position: 1400
Loop: 0330 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Notes:

1. Use the 2/LX/1400 loop to provide UIT information.
2. Use as a counter to identify the number of 2/LX/1400 loop iterations in the transaction set.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LX01	554 Assigned Number	M N0 1/6
		Number assigned for differentiation within a transaction set	
		<i>In the first 2/LX/1400 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	

Segment: **N9 Reference Identification**
Position: 1500
Loop: 0330 Optional
Level: Detail
Usage: Optional
Max Use: >1
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.

Notes: *Use to provide Unique Item Identifier (UII), batch, or lot number information.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M ID 2/3
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 1/50
Not Used	N903	369 Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	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
Not Used	N907	C040 Reference Identifier	O

			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/50
			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 1/50
			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 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **G62** Date/Time

Position: 1600

Loop: 0330 Optional

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:

Notes: *Use to identify dates associated with the UIT item.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	G6201	432 Date Qualifier	X ID 2/2
		Code specifying type of date	
		36 Expiration Date	
		BF Pack Date	
		BK Warranty Expiration	
		BL Manufacture	
Must Use	G6202	373 Date	X DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
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: **N1** Name
Position: 1700
Loop: 0330 Optional
Level: Detail
Usage: Optional
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:

Notes: *Use to identify the manufacturer of the UIT item.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MF Manufacturer of Goods	M ID 2/3
	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) 33 Commercial and Government Entity (CAGE)	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
Not Used	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

Segment: **LE** Loop Trailer

Position: 2850

Loop: 0310 Optional (Must Use)

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To indicate that the loop immediately preceding this segment is complete

Syntax Notes:

Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Notes: *Must use with every occurrence of the LS segment. Use of this segment prevents collision of segments.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LE01	447 Loop Identifier Code	M AN 1/6
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		<i>Cite the numeric 0330.</i>	

Segment: **FA1** Type of Financial Accounting Data
Position: 2900
Loop: 0340 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	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>	
			DY Department of Air Force	
			DZ Department of Army	
			FG Federal Government	
Must Use	FA102	1300	Service, Promotion, Allowance, or Charge Code	O ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			A170 Adjustments	
			A520 Base Charge	
			C930 Export Shipping Charge	
			D340 Goods and Services Charge	
			F060 Other Accessorial Service Charge	
			F560 Premium Transportation	
			I260 Transportation Direct Billing	
			R060 Packing, Crating, and Handling 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: 3000
Loop: 0340 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Notes: *Use this 2/FA2/3000 segment to identify the various components of the line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18	Funds Appropriation
		A1	Department Indicator
		A2	Transfer from Department
		A3	Fiscal Year Indicator
		A4	Basic Symbol Number
		A5	Sub-class
		A6	Sub-Account Symbol
		B1	Budget Activity Number
		B2	Budget Sub-activity Number
		B5	Fund Code
		BL	Billings
		<i>Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.</i>	
		C1	Program Element
		C2	Project Task or Budget Subline
		C3	Budget Restriction
		D1	Defense Agency Allocation Recipient
		D2	Defense Agency Sub-allocation Recipient
		D3	Component Allocation Recipient
		D4	Component Sub-allocation Recipient
		D5	Allotment Recipient
		D6	Sub-allotment Recipient
		D7	Work Center Recipient
		E1	Major Reimbursement Source Code

E2	Detail Reimbursement Source Code
E3	Customer Indicator
F1	Object Class
F2	Object Sub-class
F3	Government or Public Sector Identifier
F4	Country Code
G1	Program or Planning Code
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code
H2	Labor Type Code
H3	Cost Allocation Code
H4	Classification Code
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1	Document or Record Reference Number
L1	Accounting Installation Number
	<i>Use to indicate the Authorization Accounting Authority (AAA)/Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).</i>
N1	Transaction Type
P1	Disbursing Station Number
P2	International Balance of Payments (IBOP) Code
P3	Voucher Number
ZZ	Mutually Defined

M FA202 1195 Financial Information Code M AN 1/80
 Code representing financial accounting information

Segment: **SE** Transaction Set Trailer
Position: 0200
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:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	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 as the one cited in ST02.</i>	