

870 Order Status Report

Functional Group ID=**RS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Notes:

1. Reporting organizations use this transaction set to provide supply status on open reports prior to the shipment of material. Organizations use this transaction set to provide disposition instructions for discrepant or deficient material.

2. A single transaction set may contain a combination of transactions for standard and nonstandard material.

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/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

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	BSR	Beginning Segment for Order Status Report	M	1		
Not Used	042	TD3	Carrier Details (Equipment)	O	1		
Not Used	043	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		
Not Used	044	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
Not Used	045	DTM	Date/Time Reference	O	10		
			LOOP ID - REF			>1	
Not Used	046	REF	Reference Identification	O	1		
Not Used	047	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			200	

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7	050	N1	Name	O	1
Not Used	060	N2	Additional Name Information	O	2
Not Used	070	N3	Address Information	O	2
Not Used	080	N4	Geographic Location	O	1
Not Used	090	REF	Reference Identification	O	12
Not Used	100	PER	Administrative Communications Contact	O	3
Not Used	105	PWK	Paperwork	O	1
LOOP ID - LM					10
Not Used	120	LM	Code Source Information	O	1
Not Used	130	LQ	Industry Code	M	100

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID - HL							1000
9	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
LOOP ID - ISR							104
Not Used	030	ISR	Item Status Report	O	1		
Not Used	040	PID	Product/Item Description	O	6		
Not Used	050	QTY	Quantity	O	4		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	080	DTM	Date/Time Reference	O	10		
Not Used	086	CS	Contract Summary	O	3		n1
LOOP ID - REF							>1
11	087	REF	Reference Identification	O	1		
Not Used	088	DTM	Date/Time Reference	O	>1		
LOOP ID - N1							200
13	090	N1	Name	O	1		
Not Used	100	N2	Additional Name Information	O	2		
Not Used	110	N3	Address Information	O	2		
Not Used	120	N4	Geographic Location	O	1		
Not Used	130	REF	Reference Identification	O	12		
Not Used	140	PER	Administrative Communications Contact	O	3		
LOOP ID - LM							10
15	144	LM	Code Source Information	O	1		
16	145	LQ	Industry Code	M	100		
LOOP ID - PO1							1000
17	150	PO1	Baseline Item Data	O	1		
Not Used	155	CUR	Currency	O	1		
Not Used	160	SLN	Subline Item Detail	O	100		
Not Used	170	PO3	Additional Item Detail	O	1		
Not Used	180	PID	Product/Item Description	O	1000		
Not Used	190	MEA	Measurements	O	40		
Not Used	200	PKG	Marking, Packaging, Loading	O	25		

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LOOP ID - ISR				104	
20	210	ISR	Item Status Report	O	1
Not Used	220	PID	Product/Item Description	O	6
Not Used	230	QTY	Quantity	O	4
21	240	DTM	Date/Time Reference	O	10
Not Used	250	N1	Name	O	1
Not Used	251	N2	Additional Name Information	O	2
Not Used	252	N3	Address Information	O	2
Not Used	253	N4	Geographic Location	O	1
Not Used	260	TD1	Carrier Details (Quantity and Weight)	O	1
Not Used	270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1
Not Used	280	TD3	Carrier Details (Equipment)	O	1
Not Used	290	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1
22	300	REF	Reference Identification	O	12
24	310	SAC	Service, Promotion, Allowance, or Charge Information	O	25
LOOP ID - LM				10	
27	320	LM	Code Source Information	O	1
28	330	LQ	Industry Code	M	100
LOOP ID - LX				>1	
29	340	LX	Assigned Number	O	1 n2
30	350	REF	Reference Identification	O	>1
32	360	N1	Name	O	1
33	370	DTM	Date/Time Reference	O	10
LOOP ID - LM				10	
Not Used	380	LM	Code Source Information	O	1
Not Used	390	LQ	Industry Code	M	100

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n3
34	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use is limited to intra-organizational transactions.
2. The LX loop conveys serial number, lot number, and inventory data.
3. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

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</u> <u>Name</u>	
M	ST01	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set 870 Order Status Report	M ID 3/3
M	ST02	329 Transaction Set Control Number 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>	M AN 4/9

Segment: **BSR** Beginning Segment for Order Status Report
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Order Status Report Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BSR03 indicates a status report document number assigned by the sender.
- 2 BSR04 indicates the date of this report from the sender.
- 3 BSR07 indicates the time of this report from the sender.
- 4 BSR08 indicates a status report document number assigned by the inquirer.
- 5 BSR09 indicates the date this report was requested from the sender by the inquirer.
- 6 BSR10 indicates the time this report was requested from the sender by the inquirer.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	BSR01	850 Status Report Code Code indicating the reason for sending the report 3 Unsolicited Report 7 Response to Material Returns	M ID 1/2
M	BSR02	847 Order/Item Code Code identifying a group of orders and items PP Selected Orders - Selected Items	M ID 1/2
M	BSR03	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
M	BSR04	373 Date Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
Not Used	BSR05	848 Product/Date Code Code indicating whether the inquiry is based on products and/or date parameters	O ID 1/2
Not Used	BSR06	849 Location Code Code indicating the selection of a supplier's and/or buyer's locations or group of locations	O ID 1/2
Must Use	BSR07	337 Time	O 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)

1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

Not Used	BSR08	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	BSR09	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	BSR10	337	Time	O 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)	
Must Use	BSR11	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			77 Simulation Exercise	
Not Used	BSR12	306	Action Code	O ID 1/2
			Code indicating type of action	

Segment: **N1** Name
Position: 050
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
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 one iteration of this 1/N1/050 loop to identify the organization originating the transaction set.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
Code identifying an organizational entity, a physical location, property or an individual				
<i>Following is a list of preferred codes.</i>				
<i>GP Gateway Provider</i>				
<i>RL Reporting Location</i>				
<i>Z4 Owning Inventory Control Point</i>				
<i>ZQ Screening Point</i>				
<i>ZS Monitoring Party</i>				
Refer to 004010 Data Element Dictionary for acceptable code values.				
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				
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)				
Must Use	N104	67	Identification Code	X AN 2/80

Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code identifying a party or other code	
			Code describing entity relationship	
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 with the appropriate 1/N101/050 code to indicate that the organization cited in N104 is originating the transaction set.

Segment: **HL** Hierarchical Level
Position: 010
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

- Comments:**
- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
 - 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
 - 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
 - 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
 - 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Notes: *The transaction set hierarchical data structure is transaction number only.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	HL01	628	Hierarchical ID Number	M AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
			<i>In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Not Used	HL02	734	Hierarchical Parent ID Number	O AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
M	HL03	735	Hierarchical Level Code	M ID 1/2
			Code defining the characteristic of a level in a hierarchical structure	
		W	Transaction Reference Number	
			<i>Use to identify the individual transaction status loops.</i>	

Not Used	HL04	736	Hierarchical Child Code	O ID 1/1
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Code indicating if there are hierarchical child data segments subordinate to the level being described

Segment: **REF Reference Identification**
Position: 087
Loop: REF Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use multiple repetitions to identify information associated with the transaction.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Following is a list of preferred codes.</i> <i>TN Transaction Reference Number</i> <i>Must use to identify the material returns transaction number.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	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	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Not Used	C04006	127	Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **N1** Name
Position: 090
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
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: 1. *Must use one iteration of this 2/N1/090 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			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Following is a list of preferred codes.</i>	
			77 Service Location	
			N1 Notify Party no. 1	
			N2 Notify Party no. 2	
			RL Reporting Location	
			ST Ship To	
			Z1 Party to Receive Status	
			Z4 Owning Inventory Control Point	
			Z8 Last Known Source of Supply	
			ZB Party to Receive Credit	
			ZS Monitoring Party	
			ZZ Mutually Defined	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
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)	

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			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)	
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 in conjunction with the appropriate 2/N101/090 code to indicate the organization cited in N104 is to receive the transaction.</i>	

Segment: **LM** Code Source Information
Position: 144
Loop: LM 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/144 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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: 145
Loop: LM 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:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

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>Following is a list of preferred codes.</i>	
		<i>0 Document Identification Code</i>	
		<i>67 Type of Assistance Code</i>	
		<i>78 Project Code</i>	
		<i>79 Priority Designator Code</i>	
		<i>85 Country and Activity Code</i>	
		<i>87 Subsistence Type of Pack Code</i>	
		<i>89 Cooperative Logistics Program Support Code</i>	
		<i>A2 Customer Within Country Code</i>	
		<i>A6 Freight Forwarder Number</i>	
		<i>A7 Record Control Number</i>	
		<i>A9 Supplemental Data</i>	
		<i>AJ Utilization Code</i>	
		<i>AK Distribution Code</i>	
		<i>AL Special Requirements Code</i>	
		<i>Use to identify the precedence, special handling, and processing requirements.</i>	
		<i>DE Signal Code</i>	
		<i>DF Media and Status Code</i>	
		<i>DG Fund Code</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **PO1** **Baseline Item Data**
Position: 150
Loop: PO1 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	PO102	330 Quantity Ordered	X R 1/15
		Quantity ordered	
		<i>1. Must use to identify the quantity for which status is being provided.</i>	
		<i>2. Express as a whole number with no decimals.</i>	
PO103	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	
		<i>Use to identify the unit of issue for the required material.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO104	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	

Not Used	PO105	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
Must Use	PO106	235	Product/Service ID Qualifier	X ID 2/2
			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	
		MG	Manufacturer's Part Number	
		YP	Publication Number	
		ZZ	Mutually Defined	
Must Use	PO107	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	PO108	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	
	PO109	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO110	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	PO111	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO112	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	PO113	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO114	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	PO115	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO116	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	PO117	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	

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Not Used	PO118	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	PO119	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO120	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	PO121	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO122	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	PO123	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO124	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	PO125	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Segment: **ISR** Item Status Report

Position: 210

Loop: ISR Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify detailed purchase order/item status

Syntax Notes:

Semantic Notes: 1 If ISR01 specifies a date, ISR02 is required.

Comments:

Notes: *Use the 2/ISR/210 loop to provide detailed status information.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	ISR01	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	
		HQ Held Awaiting Qualification	
		PS In Process, Scheduled to Ship On (Date)	
		UR Unsolicited Report	
	ISR02	373 Date	O DT 8/8
		Date expressed as CCYYMMDD	
Not Used	ISR03	641 Status Reason Code	O ID 3/3
		Code indicating the status reason	

Segment: **DTM** Date/Time Reference

Position: 240

Loop: ISR Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use multiple repetitions to identify dates associated with the transaction.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
				050 Received	
				097 Transaction Creation	
				177 Cancellation	
				412 Date of Notice to Convey	
Must Use	DTM02	373	Date		X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	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	DTM04	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	
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment: **REF** **Reference Identification**
Position: 300
Loop: ISR Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use to identify the narrative explanation associated with the status provided. Use multiple iterations as needed.*

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Following is a list of preferred codes.</i> <i>LI Letters or Notes</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Not Used	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Must Use	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	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	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3

Not Used	C04006	127	Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 310
Loop: ISR Optional
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SAC01	248	Allowance or Charge Indicator		M ID 1/1
				Code which indicates an allowance or charge for the service specified	
			A	Allowance	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code		X ID 4/4
				Code identifying the service, promotion, allowance, or charge	

			B800	Credit	
			D340	Goods and Services Charge	
			F650	Preparation	
			I260	Transportation Direct Billing	
Not Used	SAC03	559	Agency Qualifier Code		X ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code		X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Must Use	SAC05	610	Amount		O N2 1/15
			Monetary amount		
			<i>Use to identify the expected value of credit provided for the reported material, expressed in dollars and cents format. Cite 0 (zero) when no credit is provided.</i>		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier		X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	Percent		X R 1/6
			Percent expressed as a percent		
Not Used	SAC08	118	Rate		O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Must Use	SAC09	355	Unit or Basis for Measurement Code		X ID 2/2
			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 correct unit of issue associated with the quantity expressed in SAC10.</i>		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Must Use	SAC10	380	Quantity		X R 1/15
			Numeric value of quantity		
			<i>Use to identify the quantity of reported material on which the credit is based. Express as whole number without decimal.</i>		
Not Used	SAC11	380	Quantity		O R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code		O ID 2/2
			Code indicating method of handling for an allowance or charge		
Not Used	SAC13	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	SAC14	770	Option Number		O AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		

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Not Used	SAC15	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	SAC16	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **LM** Code Source Information
Position: 320
Loop: LM Optional
Level: Detail
Usage: Optional
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: *Use the 2/LM/320 loop to identify status related to 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	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: 330
Loop: LM Optional
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:

Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

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>Following is a list of preferred codes.</i>	
			<i>79 Priority Designator Code</i>	
			<i>81 Status Code</i>	
			<i>83 Supply Condition Code</i>	
			<i>A9 Supplemental Data</i>	
			<i>AJ Utilization Code</i>	
			<i>AL Special Requirements Code</i>	
			<i>Use to identify the precedence, special handling, and processing requirements.</i>	
			<i>BD Transportation Priority Code</i>	
			<i>COG Cognizance Symbol</i>	
			<i>FD Demilitarization Code</i>	
			<i>GQ Group Qualifier Code</i>	
			<i>Use to identify the Materiel Management Aggregation Code (MMAC).</i>	
			<i>HD Discrepancy Status or Disposition Code</i>	
			<i>IMC Item Management Code</i>	
			<i>MCC Material Control Code</i>	
			<i>SMI Special Material Identification Code</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **LX** Assigned Number
Position: 340
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

Notes: *1. Use as a counter to identify the number of 2/LX/340 loop iterations in the transaction.*
2. Use the 2/LX/340 loop to provide unique item tracking (UIT) information for controlled material.

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

In the first 2/LX/340 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.

Segment: **REF** **Reference Identification**
Position: 350
Loop: LX Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Following is a list of preferred codes.</i> BT <i>Batch Number</i> LT <i>Lot Number</i> SE <i>Serial Number</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	REF02	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	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	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	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: **N1** Name
Position: 360
Loop: LX 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:

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

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
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
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) 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: **DTM** Date/Time Reference

Position: 370

Loop: LX Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			036 Expiration	
			094 Manufacture	
			510 Date Packed	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	DTM03	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	DTM04	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	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

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		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</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>	