869 Order Status Inquiry

Functional Group ID=**RS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Inquiry Transaction Set (869) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to request all pertinent information relative to an entire purchase order, selected line items on a purchase order, or selected products/services on a purchase order. Inquiry can also be made for all or a selected portion of the customer's ordered items, all or a selected portion of the customer's unshipped items, or all or a selected portion of the customer's shipped items.

Notes:

1. Organizations use this transaction set to follow-up on the status of previously submitted requisitions.

2. Use a single occurrence of this transaction set to exchange transactions between a single activity and a single or multiple supply sources. Use one occurrence of this transaction set to transmit a single or multiple transactions.

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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	BSI	Beginning Segment for Order Status Inquiry	M	1		
Not Used	030	NTE	Note/Special Instruction	O	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
6	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
8	030	DTM	Date/Time Reference	O	10		
10	050	LIN	Item Identification	O	>1		
14	060	PID	Product/Item Description	O	1000		
16	070	MEA	Measurements	O	40		
20	080	QTY	Quantity	O	1		
22	100	GF	Furnished Goods and Services	O	1		

			LOOP ID - REF			>1	
24	105	REF	Reference Identification	O	1		
Not Used	108	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
26	110	N1	Name	O	1		
28	120	N2	Additional Name Information	O	2		
29	130	N3	Address Information	O	2		
30	140	N4	Geographic Location	O	1		
Not Used	150	REF	Reference Identification	O	12		
31	160	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			>1	
34	170	LM	Code Source Information	O	1		
35	180	LQ	Industry Code	M	>1		
			LOOP ID - FA1			>1	
36	190	FA1	Type of Financial Accounting Data	O	1		
37	200	FA2	Accounting Data	M	>1		

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		n1
39	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. CTT01 is the number of HL segments.

	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

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			869 Order Status Inquiry	
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	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:		**BSI** Beginning Segment for Order Status Inquiry	
Position:		020	
Loop:			
Level:		Heading	
Usage:		Mandatory	
Max Use:		1	
Purpose:		To indicate the beginning of an order status inquiry and provide the type of customer status inquiry	
Syntax Notes:			
Semantic Notes:		1 BSI01 is a status inquiry reference number.	
		2 BSI02 is date of the inquiry.	
		3 BSI06 is time of the inquiry.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BSI01	127	**Reference Identification**	**M AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			Use code "Z" for this data element when no other data code applies.	
M	BSI02	373	**Date**	**M DT 8/8**
			Date expressed as CCYYMMDD	
			This date corresponds to the date of transaction set preparation in Universal Time Coordinate (UTC).	
M	BSI03	847	**Order/Item Code**	**M ID 1/2**
			Code identifying a group of orders and items	
			PO Selected Orders - Unshipped Items	
Not Used	BSI04	848	**Product/Date Code**	**O ID 1/2**
			Code indicating whether the inquiry is based on products and/or date parameters	
Not Used	BSI05	849	**Location Code**	**O ID 1/2**
			Code indicating the selection of a supplier's and/or buyer's locations or group of locations	
Must Use	BSI06	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.

Must Use	**BSI07**	**353**	**Transaction Set Purpose Code**	**O**	**ID 2/2**

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

	BSI08	**640**	**Transaction Type Code**	**O**	**ID 2/2**

Code specifying the type of transaction

IN	Inquiry

Not Used	**BSI09**	**306**	**Action Code**	**O**	**ID 1/2**

Code indicating type of action

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:

1. The transaction set hierarchical data structure is address information followed by transaction specific information followed by unique item tracking (UIT) information.

2. Use a single 2/HL/010 address loop iteration to identify organization information.

3. Use multiple 2/HL/010 transaction loops as needed for each 2/HL/010 address loop to identify individual transactions subject to inquiry and their associated data.

4. Use multiple 2/HL/010 UIT loops as needed for each 2/HL/010 transaction loop to identify controlled material information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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

In the first 2/HL/010 loop iteration, cite 1. In each subsequent loop iteration, increase incrementally by 1.

| | **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

Use in every 2/HL/010 transaction loop iteration to identify the address loop with which the current loop is associated. Data element content is the sequential number assigned to the 2/HL/010 address loop iteration and serves as the cross-reference between transaction set level address data and associated transactions.

| **M** | **HL03** | **735** | **Hierarchical Level Code** | **M** | **ID 1/2** |

Code defining the characteristic of a level in a hierarchical structure

V Address Information

Use in every address loop iteration.

W Transaction Reference Number

Use in every transaction loop iteration.

X Serial Number

Use in every unique item tracking (UIT) loop iteration.

| **Not Used** | **HL04** | **736** | **Hierarchical Child Code** | **O** | **ID 1/1** |

Code indicating if there are hierarchical child data segments subordinate to the level being described

	Segment:	**DTM** Date/Time Reference
	Position:	030
	Loop:	HL Mandatory
	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 only in the 2/HL/010 transaction loops. Use multiple repetitions to identify dates or delivery periods associated with the requisitioner's requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

	002	Delivery Requested
	043	Publication

Use only when requisitioning nonstandard material to cite the manufacturer's catalog publication date when a catalog is identified in the 2/LIN/050 segment.

	063	Do Not Deliver After
	064	Do Not Deliver Before
	802	Date of Action
	996	Required Delivery
	999	Document Date

Use only when requisitioning nonstandard material. Cite the effective date of the drawing number (when using code PT) or the drawing revision number (when using code DR with code PT) identified in 2/LIN/050.

	DTM02	373	**Date**	X DT 8/8

Date expressed as CCYYMMDD

	DTM03	337	**Time**	X TM 4/8
Not Used				

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:	**LIN** Item Identification	
Position:	050	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify basic item identification data	

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

1. Use in 2/HL/010 transaction loop iterations to identify the nonstandard material. Use with the MEA, DTM, N1 and PID segments to fully identify the nonstandard material.

2. Use in 2/HL/010 UIT loop iterations to provide information for controlled material.

3. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any selected order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	**Assigned Identification**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235	**Product/Service ID Qualifier**	M ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Use any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

M	LIN03	234	**Product/Service ID**	M	AN 1/48

Identifying number for a product or service

	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN05	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN07	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN09	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN11	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN13	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

	LIN15	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

LIN16	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN17	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN18	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN19	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN20	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN21	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN22	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN23	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN24	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN25	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN26	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN27	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN28	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN29	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

LIN30	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN31	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment:	**PID** Product/Item Description	
Position:	060	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1000	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID04 is required.
	5	If PID09 is present, then PID05 is required.
Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.
Comments:	1	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:	*1. Use in 2/HL/010 transaction loop iterations to describe nonstandard material when the 2/LIN/050 and 2/MEA/070 segments do not provide adequate descriptive capability. Use multiple repetitions to provide the narrative descriptive information.*	
	2. Use in 2/HL/010 transaction loop iterations to identify exception data associated with the transaction. Use during extraordinary situations requiring manual intervention in the requisition processing routine.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PID01	349	**Item Description Type**	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
Must Use	PID02	750	**Product/Process Characteristic Code**	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			08 Product	
			GEN General Description	
			Use in conjunction with nonstandard material descriptions.	

Not Used	PID03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

Not Used	PID04	751	**Product Description Code**	X	AN 1/12

A code from an industry code list which provides specific data about a product characteristic

Must Use	PID05	352	**Description**	X	AN 1/80

A free-form description to clarify the related data elements and their content

Use in conjunction with PID01 code F to describe the nonstandard material.

Not Used	PID06	752	**Surface/Layer/Position Code**	O	ID 2/2

Code indicating the product surface, layer or position that is being described

Not Used	PID07	822	**Source Subqualifier**	O	AN 1/15

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	PID08	1073	**Yes/No Condition or Response Code**	O	ID 1/1

Code indicating a Yes or No condition or response

Not Used	PID09	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:	**MEA** Measurements	
Position:	070	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	40	

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.

Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *Use in 2/HL/010 transaction loop iterations to identify any measurement/dimensions related to the nonstandard material being requisitioned.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	MEA01	737	**Measurement Reference ID Code**	O ID 2/2
			Code identifying the broad category to which a measurement applies	
Must Use	MEA02	738	**Measurement Qualifier**	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	

Use to identify the specific dimension/measurement in MEA03 and MEA04.

DI	Diameter
DN	Density
DP	Depth
FQ	Frequency
G	Gross Weight
GL	Gloss
HT	Height
ID	Inside Diameter
LN	Length
LPR	Line Pressure
MD	Measurement Voltage
OD	Outside Diameter
PB	Pressure
TF	Tensile

			TH	Thickness	
			UCB	Cube	
			VO	Voltage	
			VOL	Volume	
			WD	Width	
			WT	Weight	

Must Use   **MEA03**   **739**   **Measurement Value**   X   R 1/20

The value of the measurement

Must Use   **MEA04**   **C001**   **Composite Unit of Measure**   X

To identify a composite unit of measure (See Figures Appendix for examples of use)

Use to identify the value of the units expressed in MEA03. For example, if the height of the nonstandard material was six feet, cite 6 in MEA03 and FT in MEA04.

M   **C00101**   **355**   **Unit or Basis for Measurement Code**   M   ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

2G	Volts (Alternating Current)
2H	Volts (Direct Current)
2I	British Thermal Units (BTUs) Per Hour
2N	Decibels
70	Volt
82	Ohm
AD	Bytes
AZ	British Thermal Units (BTUs) per Pound
B0	British Thermal Units (BTUs) per Cubic Foot
B7	Cycles
CI	Cubic Inches
CM	Centimeter
CR	Cubic Meter
CY	Cubic Yard
FT	Foot
GA	Gallon
HJ	Horsepower
IN	Inch
KG	Kilogram
LB	Pound
LT	Liter
MR	Meter
OZ	Ounce - Av
P1	Percent

		P2	Pounds per Foot		
		PT	Pint		
		QT	Quart		
		R4	Calorie		
		SF	Square Foot		
		SM	Square Meter		
		SY	Square Yard		
		TG	Gross Ton		
		TN	Net Ton (2,000 LB).		
		YD	Yard		
Not Used	C00102	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	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	C00105	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	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	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	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	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	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	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Not Used	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2

Code used to express an attribute response when a numeric measurement value cannot be determined

Not Used	MEA09	752	**Surface/Layer/Position Code**	O	ID 2/2

Code indicating the product surface, layer or position that is being described

Not Used	MEA10	1373	**Measurement Method or Device**	O	ID 2/4

The method or device used to record the measurement

	Segment:	**QTY** Quantity
	Position:	080
	Loop:	HL Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	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:	*Use in 2/HL/010 transaction loops to identify the quantity of material requisitioned.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	QTY01	673	**Quantity Qualifier**	M ID 2/2
			Code specifying the type of quantity	
			01 Discrete Quantity	
			Use to indicate the quantity requisitioned.	
Must Use	QTY02	380	**Quantity**	X R 1/15
			Numeric value of quantity	
			Express as a whole number with no decimal.	
Must Use	QTY03	C001	**Composite Unit of Measure**	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	**Unit or Basis for Measurement Code**	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Use to identify the unit of issue for the material requisitioned.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	**Exponent**	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	**Multiplier**	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	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	C00105	1018	**Exponent**	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	**Multiplier**	O R 1/10

			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	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	C00108	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	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	C00111	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	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	C00114	1018	**Exponent**	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	**Multiplier**	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	QTY04	61	**Free-Form Message**	X	AN 1/30
			Free-form information		

Segment:	**GF** Furnished Goods and Services	
Position:	100	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	1	

Purpose: To specify information related to furnished material, equipment, property, information, and services

Syntax Notes:
1 If either GF01 or GF02 is present, then the other is required.
2 If either GF05 or GF06 is present, then the other is required.
3 If either GF08 or GF09 is present, then the other is required.

Semantic Notes: 1 GF04 is the value of government-furnished property.

Comments:

Notes: *1. Use in the 2/HL/010 transaction loop iterations for GFM transaction.*

2. Use in 2/HL/010 transaction loop iterations for nonstandard and nonreimbursable material to identify the unit price and the basis of unit price of the item being requisitioned.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
GF01	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

W3   Manufacturing Directive Number

GF02	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

GF03	367	**Contract Number**	O	AN 1/30

Contract number

GF04	782	**Monetary Amount**	O	R 1/18

Monetary amount

GF05	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

PV   Product change information number

GF06	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

GF07	328	**Release Number**	O	AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Use to identify the call or order number, or the call or order number including the respective call or order modification, as applicable, when using GF03.

Not Used **GF08** **128** **Reference Identification Qualifier** **X ID 2/3**

Code qualifying the Reference Identification

Not Used **GF09** **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:	**REF** Reference Identification		
Position:	105		
Loop:	REF	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.	
	2	If either C04003 or C04004 is present, then the other is required.	
	3	If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.	
Comments:			
Notes:	*1. Use additional repetitions to identify ancillary information related to the transaction.*		
	2. Must use in all 2/HL/010 transaction loop iterations to identify the transaction number and suffix.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			Use any code.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	
	REF04	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	
		43	Supporting Document Number	
			Use with REF01 code TN to identify the Special Program Requirement (SPR) transaction number.	
		72	Schedule Reference Number	
			Use with 2/REF/105 REF01 code 3H to identify the case number of unique excess plant property.	
		C7	Contract Line Item Number	

			IX	Item Number	
			PG	Product Group	
				Use only with REF01 code WL to identify the material name or description.	
			PGC	Packing Group Code	
			W1	Disposal Turn-In Document Number	
			W7	Commercial and Government Entity (CAGE) Code	
			W8	Suffix	
M	**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		
	C04003	**128**	**Reference Identification Qualifier**		**X ID 2/3**
			Code qualifying the Reference Identification		
			FJ	Line Item Control Number	
				Use with 2/REF/105 REF01 code 3H and REF04-1 code 72 to identify excess plant property reference number.	
			PO	Purchase Order Number	
			SS	Split Shipment Number	
				Use in conjunction with REF04-01 code W1 to identify the Turn-in document number suffix.	
			WF	Locally Assigned Control Number	
	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		
	C04005	**128**	**Reference Identification Qualifier**		**X ID 2/3**
			Code qualifying the Reference Identification		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	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:	110	
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:		
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/N1/110 loop in every 2/HL/010 address loop to identify the organizations originating the transaction set.*
		2. Use multiple iterations as needed for each transaction loop to identify the transaction recipients and other organizations associated with the transaction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	**M ID 2/3**

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

Use any code.

Refer to 004010 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)

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)
33	Commercial and Government Entity (CAGE)
92	Assigned by Buyer or Buyer's Agent
A2	Military Assistance Program Address Code (MAPAC)
M4	Department of Defense Routing Identifier Code (RIC)

	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

FR   Message From

Must use with the appropriate 2/N1/110 code to indicate the organization cited in N104 is originating the transaction set.

TO   Message To

Must use with appropriate 2/N1/110 codes to indicate the organization cited in N104 is receiving the transaction.

Segment:	**N2** Additional Name Information	
Position:	120	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*Use to identify additional name information as authorized.*	

Data Element Summary

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

Segment:	**N3** Address Information			
Position:	130			
Loop:	N1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	2			
Purpose:	To specify the location of the named party			
Syntax Notes:				
Semantic Notes:				
Comments:				
Notes:	*Use to identify additional address information as authorized.*			

Data Element Summary

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

Segment:	**N4** Geographic Location	
Position:	140	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	If N406 is present, then N405 is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

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

Segment:	**PER** Administrative Communications Contact		
Position:	160		
Loop:	N1 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	3		
Purpose:	To identify a person or office to whom administrative communications should be directed		
Syntax Notes:	1	If either PER03 or PER04 is present, then the other is required.	
	2	If either PER05 or PER06 is present, then the other is required.	
	3	If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:			
Comments:			
Notes:	*1. Use when requiring direct communications with the party originating the transaction set.*		
	2. Use multiple repetitions to identify multiple communications numbers.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PER01	366	**Contact Function Code**	**M ID 2/2**
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
			Use to identify the point of contact.	
	PER02	93	**Name**	**O AN 1/60**
			Free-form name	
			Provided the last name, first name, middle initial and rate/rank/title, as required, of the individual named as point of contact. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.	
	PER03	365	**Communication Number Qualifier**	**X ID 2/2**
			Code identifying the type of communication number	
			1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods.	
			2. Do not include blank spaces, dashes or parentheses between numbers.	
			AU Defense Switched Network	
			Use to identify the DSN telephone number.	
			EM Electronic Mail	
			FX Facsimile	
			Use to identify the facsimile (FAX) telephone	

		number.		
	IT	International Telephone		
		Include country and city code.		
	TE	Telephone		
		Use to identify the commercial telephone number. Include the area code and number.		
	TL	Telex		
	TX	TWX		
PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

	AU	Defense Switched Network		
		Use to identify the DSN telephone number.		
	EM	Electronic Mail		
	EX	Telephone Extension		
		Use immediately following codes AU, IT or TE to identify a telephone extension.		
	FX	Facsimile		
		Use to identify the facsimile (FAX) telephone number.		
	IT	International Telephone		
		Include country and city code.		
	TE	Telephone		
		Use to identify the commercial telephone number. Include the area code and number.		
	TL	Telex		
	TX	TWX		
PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

	AU	Defense Switched Network		
		Use to identify the DSN telephone number.		
	EM	Electronic Mail		
	EX	Telephone Extension		
		Use immediately following codes AU, IT or TE to identify a telephone extension.		
	FX	Facsimile		

		Use to identify the facsimile (FAX) telephone number.
	IT	International Telephone
		Include country and city code.
	TE	Telephone
		Use to identify the commercial telephone number. Include the area code and number.
	TL	Telex
	TX	TWX

PER08   364   Communication Number   X   AN 1/80

Complete communications number including country or area code when applicable

PER09   443   Contact Inquiry Reference   O   AN 1/20

Additional reference number or description to clarify a contact number

Use to indicate the office symbol or activity code for the party identified.

Segment:	**LM** Code Source Information	
Position:	170	
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 this 2/LM/170 loop to identify coded information maintained in department or agency documentation.*	

Data Element Summary

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

Segment:	**LQ** Industry Code	
Position:	180	
Loop:	LM	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
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. Des.	Data Element	Name	Attributes
LQ01	1270	**Code List Qualifier Code**	O ID 1/3
		Code identifying a specific industry code list	
		Use any code.	
		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:	**FA1** Type of Financial Accounting Data
	Position:	190
	Loop:	FA1 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

	Ref. Des.	Data Element	Name		Attributes
M	FA101	559	**Agency Qualifier Code**		**M ID 2/2**

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.

DN	Department of the Navy

Includes the United States Marine Corps.

DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

	Ref. Des.	Data Element	Name		Attributes
	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

	Ref. Des.	Data Element	Name		Attributes
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:	200	
Loop:	FA1 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.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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

Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.

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
	Use to indicate the Authorization Accounting Authority (AAA)/ Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).
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:		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. Des.	Data Element	Name	Attributes
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	
			Cite the same number as the one cited in ST02.	