857 Shipment and Billing Notice

Functional Group ID=**BS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Shipment and Billing Notice Transaction Set (857) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the recipient of a shipment with data for both receipt planning and payment generation. EDI and telecommunications technologies suggest efficiencies in the way business data is processed. For example, the sender of a shipment may send the recipient's receiving function a Ship Notice/Manifest (856), and the payables function an Invoice (810), even though the contents of these two documents may be largely redundant. In certain business environments, the Shipment and Billing Notice permits the consolidation of these two documents into one. Specifically, this transaction set is appropriate where the shipment data, when it includes terms and item prices, can be used both to plan receipts and to generate payment. In this environment, the exact prices for the items shipped may not be known in advance by both parties. This transaction set is not appropriate in so-called Evaluated Receipts Settlement (ERS) environments, in which the exact prices for the items shipped have been agreed upon by, and are known to, both parties in advance. This transaction set is not to be used to replace the Ship Notice/Manifest (856) or Invoice (810) individually, but only to replace both, together. For example, do not use this transaction set in place of a Ship Notice/Manifest while continuing to send either paper or electronic invoice.

Notes:

1. Use this transaction set to provide combined Shipment Notice and Commercial Invoice information to Federal Government activities responsible for receiving material and activities responsible for initiating payment. Transactions involving separate shipment or billing information should utilize the appropriate 856 (Ship Notice/Notice Manifest) and 810 (Commercial Invoice) transaction sets.

2. This transaction set may be used to send Wide Area Workflow (WAWF-RA) Shipment and Billing Notice documents, (a/k/a COMBOs). Please refer to the WAWF-RA Implementation Guide located at the following website for WAWF-RA specific rules and edit guidelines, https://wawf.eb.mil.

3. This transaction may be used to provide unique identification (UID) information to Wide Area Workflow-Receipt and Acceptance (WAWF-RA).   Refer to the UID web at URL: http://www.acq.osd.mil/uid/ for DoD policy and business rules

4. The hierarchical sequence of this transaction set is Shipment level information, Order level information, Item level information and Unique Identification (UID) level information.

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		c1
6	020	BHT	Beginning of Hierarchical Transaction	M	1		n1
			LOOP ID - HL			>1	
8	030	HL	Hierarchical Level	M	1		n2

			LOOP ID - BS1			1	
11	040	G05	Total Shipment Information	O	1		n3
13	050	TD1	Carrier Details (Quantity and Weight)	O	5		
Not Used	060	TD3	Carrier Details (Equipment)	O	5		
Not Used	070	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
15	080	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10		
17	090	FOB	F.O.B. Related Instructions	O	1		
19	100	DTM	Date/Time Reference	O	5		
21	110	N9	Reference Identification	O	20		
25	120	PER	Administrative Communications Contact	O	5		
27	130	CUR	Currency	O	1		
			LOOP ID - N1			10	
30	140	N1	Name	O	1		
33	150	N2	Additional Name Information	O	2		
34	160	N3	Address Information	O	2		
35	170	N4	Geographic Location	O	1		
			LOOP ID - LM			>1	
36	175	LM	Code Source Information	O	1		
37	176	LQ	Industry Code	M	>1		
			LOOP ID - BS2			1	
38	180	TDS	Total Monetary Value Summary	O	1		n4
39	190	PRF	Purchase Order Reference	O	1		
41	200	N9	Reference Identification	O	>1		
44	210	DTM	Date/Time Reference	O	10		
46	220	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
49	230	TXI	Tax Information	O	10		
Not Used	235	SN1	Item Detail (Shipment)	O	1		
Not Used	237	ISS	Invoice Shipment Summary	O	1		
			LOOP ID - SAC			25	
51	240	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	250	TXI	Tax Information	O	10		
			LOOP ID - N1			10	
Not Used	260	N1	Name	O	1		
Not Used	270	N2	Additional Name Information	O	2		
Not Used	280	N3	Address Information	O	2		
Not Used	290	N4	Geographic Location	O	1		
			LOOP ID - FA1			>1	
54	294	FA1	Type of Financial Accounting Data	O	1		
55	295	FA2	Accounting Data	M	>1		
			LOOP ID - BS3			1	
Not Used	300	PAL	Pallet Information	O	1		n5
Not Used	305	SN1	Item Detail (Shipment)	O	1		
Not Used	310	MAN	Marks and Numbers	O	10		

			LOOP ID - BS4			1	
Not Used	320	LX	Assigned Number	O	1		n6
Not Used	325	N9	Reference Identification	O	15		
Not Used	328	SN1	Item Detail (Shipment)	O	1		
Not Used	330	PO4	Item Physical Details	O	1		
Not Used	340	MEA	Measurements	O	10		
Not Used	350	PKG	Marking, Packaging, Loading	O	10		
Not Used	360	MAN	Marks and Numbers	O	10		
			LOOP ID - BS5			1	
59	370	IT1	Baseline Item Data (Invoice)	O	1		n7
Not Used	380	IT3	Additional Item Data	O	1		
Not Used	390	PO4	Item Physical Details	O	1		
Not Used	395	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		
Not Used	400	TC2	Commodity	O	5		
Not Used	410	TXI	Tax Information	O	10		
Not Used	420	CTP	Pricing Information	O	10		
64	430	N9	Reference Identification	O	10		
Not Used	440	MEA	Measurements	O	10		
67	445	DTM	Date/Time Reference	O	10		
Not Used	446	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
			LOOP ID - PID			25	
68	450	PID	Product/Item Description	O	1		
Not Used	460	MEA	Measurements	O	10		
			LOOP ID - SLN			1000	
70	470	SLN	Subline Item Detail	O	1		
Not Used	480	PID	Product/Item Description	O	25		
			LOOP ID - SAC			25	
75	490	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	500	TXI	Tax Information	O	10		
			LOOP ID - LM			>1	
78	505	LM	Code Source Information	O	1		
79	506	LQ	Industry Code	M	>1		
			LOOP ID - FA1			>1	
80	507	FA1	Type of Financial Accounting Data	O	1		
81	508	FA2	Accounting Data	M	>1		
85	510	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. BHT01, Hierarchical Structure Code, may only contain the code values 0001, 0002, and 0003.
    When BHT01, the Hierarchical Structure Code, contains a value of 0001, the levels of the transaction set are Shipment, Order, Tare (pallet), Pack (carton), Subpack, and Item. The levels, when used, must always appear (in the transmission) in the above order, e.g., the tare level cannot be subordinate to the item level; however, the pack level may be omitted.

When BHT01, the Hierarchical Structure Code, contains a value of 0002, the levels of the transaction set are Shipment, Order, Item, Tare (pallet), Pack (carton), and Subpack. The levels, when used, must always appear (in the transmission) in the above order, e.g., the tare level cannot be subordinate to the pack level; however, the tare level may be omitted.

When BHT01, Hierarchical Structure Code, contains a value of 0003, the levels of the transaction set are Shipment, Tare (pallet), Pack (carton), Subpack, Order and Item. The levels, when used, must always appear (in the transaction set) in the above order, e.g., the pack level can not be subordinate to the order level, however the pack level may be omitted.

BHT03 and BHT04 are mandatory.

2. HL01 (Hierarchical ID Number) will be assigned sequentially within the hierarchy starting with one and incremented by one for each HL segment.

HL02 (Hierarchical Parent ID) will have the value of 0 when used at the Shipment Level.

HL03 (Hierarchical Level Code) may only contain the codes: S (Shipment Level), O (Order Level), T (Tare Level), P (Pack Level), Q (Subpack Level), and I (Item Level).

3. The BS1 loop may only be used at the Shipment Level.

The transaction set shall contain one and only one occurrence of the BS1 loop, Shipment level.

4. The BS2 loop may only be used at the Order Level.

The Transaction Set shall contain at least one occurrence of the BS2 loop, Order Level.

5. The BS3 loop may only be used at the Tare (pallet) Level.

6. The BS4 loop may only be used at the Pack (carton) and Subpack Levels. The Subpack Level may only be used in conjunction with the Pack Level.

LX01 (Assigned Number) will be sequentially assigned starting with one and incremented by one for each LX segment.

The LX segment is used to bound the segments for the Pack and Subpack Levels to allow all segments within the loop to be optional. It has no relevance to the application data being sent.

7. The BS5 loop may only be used at the Item Level.

There shall be at least one occurrence of the BS5 loop, Item Level within each Order Level.

Transaction Set Comments

1. The structure of this transaction set is one shipment of one or more orders.

This transaction set is used to convey information that is normally found on a shipping/receiving document and a invoice, in a paper environment. In most cases prices are excluded from the receiving documents. Care should be exercised to keep this information from the receiving area if it is the current practice to exclude such information. It may be prudent to consult an auditor or legal representative if there is any question.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:		
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	
			857 Shipment and Billing Notice	
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	
			The unique control number is assigned by the originator of the transaction set or by the originator's application program.	

Segment:	**BHT** Beginning of Hierarchical Transaction				
Position:	020				
Loop:					
Level:					
Usage:	Mandatory				
Max Use:	1				
Purpose:	To define the business hierarchical structure of the transaction set and identify the business application purpose and reference data, i.e., number, date, and time				
Syntax Notes:					
Semantic Notes:	1 BHT03 is the number assigned by the originator to identify the transaction within the originator's business application system.				
	2 BHT04 is the date the transaction was created within the business application system.				
	3 BHT05 is the time the transaction was created within the business application system.				
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BHT01	1005	**Hierarchical Structure Code**	**M ID 4/4**

Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set

0002	Shipment, Order, Item, Packaging

M	BHT02	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

00	Original

Use to indicate the initial submission of an original Shipment and Billing Notice (SBN) or for a replacement SBN for one that was canceled and a new number assigned.

01	Cancellation

Use to indicate the cancellation of a previously submitted Shipment and Billing Notice (SBN).

05	Replace

Use to indicate a replacement Shipment and Billing Notice (SBN) using the same shipment number as a previously submitted SBN. When used, the replacement SBN will overwrite the original SBN in the receiving data base.

07	Duplicate

Use to indicate a re-transmission of an original 857 transaction set.

			14	Advance Notification		

Use to indicate the initial submission of an original SBN for which associated Pack/Radio Frequency Identification (RFID) information will be provided separately via Advance Shipment Notice/Receiving Report.

Must Use	BHT03	127	Reference Identification	O	AN 1/30

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

Unique reference number assigned by the originator to identify the transaction within the originator's business application system. For example, this data element would be used when the reference number in ST02 is assigned independent of the business application system.

	BHT04	373	Date	O	DT 8/8

Date expressed as CCYYMMDD

Use to identify the date the transaction set was created. This date also serves as the invoice date.

	BHT05	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 in Universal Time Coordinate (UTC).

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

Must Use	BHT06	640	Transaction Type Code	O	ID 2/2

Code specifying the type of transaction

		AB	Advance Shipment and Billing Notice

		AS	Shipment Advice

Notification by an inventory management organization providing current shipping advice relating to the outstanding requisition or order

		PR	Product (or Service)

Use to indicate an original Shipment and Billing Notice (SBN) submitted for performance of a service line where physical delivery/receipt of material will not take place.

Segment:	# HL Hierarchical Level
Position:	030
Loop:	HL Mandatory
Level:	
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. Iterations of the HL/030 loop provide data structured in a hierarchical logic consisting of Shipment, Order, Item, and UID.

2. Must use the first iteration of the HL/030 loop as the Shipment loop to provide shipment information common to the entire shipment. Use the Order loop to provide order information common to all items in an order. Use multiple iterations of the Item loop to identify information applicable to individual line items in the shipment and order.

3. Shipment container information pertains to individual line items and is contained within the applicable Item loop.

4. The Pack loop is not used.

5. When code PR (Services) is used in BHT06 indicating only service items are being identified in the transaction, use only the following segments in the Shipment loop: GO5 and the N1 loop.

6. For WAWF-RA, the hierarchical structure shall be: shipment (HL03 code S),

order/invoice (HL03 code O), item (HL03 code I), and UID (HL03 code D).

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 HL/030 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.

	Ref. Des.	Data Element	Name	Attributes
	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

1. Do not use in the HL/030 Shipment loop. Use in the HL/030 Order loop to identify the Shipment loop associated with the order. Use in each HL/030 Item loop iteration to identify the Order loop associated with each line item.

2. Cite the sequential serial number assigned in HL01 of the Shipment loop to identify the order associated with the shipment. Cite the sequential serial number assigned in HL01 of the HL/030 Order loop to identify the line item associated with the Order loop. When providing UID information, cite the sequential serial number assigned in HL01 of the HL/30 line item loop to associate the UID information with its relevant line item. Citing the applicable information in this fashion provides a cross-reference for all Shipment, Order, Item information, and UID information contained in the Shipment and Billing Notice.

	Ref. Des.	Data Element	Name	Attributes
M	HL03	735	**Hierarchical Level Code**	M ID 1/2

Code defining the characteristic of a level in a hierarchical structure

D   Product Description

Use to identify UID data consistent with UID data requirements. Only segments 2/IT1/370, 2/PID/450, and 2/SLN/470 are applicable to the UID data loop. Use a separate UID loop for each combination of UII type, original part number, Enterprise Identifier and Issuing Agency Code. Begin a new UID loop if any one of these elements differs. Begin a new UID loop if the number of items identified by UIIs exceeds the allowable repetitions of the SLN segment. When this occurs, repeat the IT1 data to retain the relationship.

I   Item

Use to identify the individual Item loop(s).

O   Order

Use to identify the individual Order loop(s).

	S	Shipment
		Use to identify the transaction set Shipment loop.
	V	Address Information
		The HL loop will identify entities associated with the shipment notice transaction

HL04   **736**   **Hierarchical Child Code**   **O**   **ID 1/1**

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

1. Use in the Shipment loop to indicate the presence of one or more subordinate Order loops.

2. Use in the Order loop to indicate the presence of one or more subordinate Item loops.

3. Use in Item loop to indicate the presence of one or more subordinate UID loops.

	0	No Subordinate HL Segment in This Hierarchical Structure.
	1	Additional Subordinate HL Data Segment in This Hierarchical Structure.

Segment:	**G05** Total Shipment Information
Position:	040
Loop:	BS1 Optional
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To provide totals relating to the shipment
Syntax Notes:	1 If either G0501 or G0502 is present, then the other is required.
	2 At least one of G0501 G0503 or G0505 is required.
	3 If either G0503 or G0504 is present, then the other is required.
	4 If either G0505 or G0506 is present, then the other is required.
	5 If either G0507 or G0508 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Must use G0501/G0502 to report total quantities involved in the shipment to comply with X12 syntax requirements.*
	2. For transactions involving material only, use G0501/G0502 to indicate the total number of units shipped.
	3. For transactions involving services only, use the quantity of 1 (one) in G0501 and the unit of measurement LO (Lot) in G0502.
	4. For transactions involving both material and services, only report the material shipment quantity.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**G0501**	**382**	**Number of Units Shipped**	**X R 1/10**

Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

1. For transactions involving material only, indicate the total number of units shipped.

2. For transactions involving services only, use the quantity of 1 (one).

3. For transactions involving both material and services, indicate the total number of units (material only) shipped.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**G0502**	**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

Use any code, the following is a preferred list:

EA   Each
Use with G0501 when identifying material shipment quantities.

			LO Lot			
			Use with G0501 when the transaction involves services only.			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
	G0503	**81**	**Weight**		**X**	**R 1/10**
			Numeric value of weight			
	G0504	**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			
			LB	Pound		
Not Used	**G0505**	**183**	**Volume**		**X**	**R 1/8**
			Value of volumetric measure			
Not Used	**G0506**	**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			
Not Used	**G0507**	**80**	**Lading Quantity**		**X**	**N0 1/7**
			Number of units (pieces) of the lading commodity			
Not Used	**G0508**	**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			

Segment:	**TD1** Carrier Details (Quantity and Weight)
Position:	050
Loop:	BS1 Optional
Level:	
Usage:	Optional
Max Use:	5
Purpose:	To specify the transportation details relative to commodity, weight, and quantity
Syntax Notes:	1 If TD101 is present, then TD102 is required.
	2 If TD103 is present, then TD104 is required.
	3 If TD106 is present, then TD107 is required.
	4 If either TD107 or TD108 is present, then the other is required.
	5 If either TD109 or TD110 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD101	103	**Packaging Code**	O AN 3/5

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

Refer to 004010 Data Element Dictionary for acceptable code values.

TD102	80	**Lading Quantity**	X N0 1/7

Number of units (pieces) of the lading commodity

TD103	23	**Commodity Code Qualifier**	O ID 1/1

Code identifying the commodity coding system used for Commodity Code

Refer to 004010 Data Element Dictionary for acceptable code values.

TD104	22	**Commodity Code**	X AN 1/30

Code describing a commodity or group of commodities

TD105	79	**Lading Description**	O AN 1/50

Description of an item as required for rating and billing purposes

TD106	187	**Weight Qualifier**	O ID 1/2

Code defining the type of weight

Refer to 004010 Data Element Dictionary for acceptable code values.

TD107	81	**Weight**	X R 1/10

Numeric value of weight

TD108	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

Refer to 004010 Data Element Dictionary for acceptable code values.

TD109	183	**Volume**	X R 1/8

Value of volumetric measure

TD110   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

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	080	
Loop:	BS1 Optional	
Level:		
Usage:	Optional	
Max Use:	10	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	

Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
	5	If TD513 is present, then TD512 is required.
	6	If TD514 is present, then TD513 is required.
	7	If TD515 is present, then TD512 is required.
Semantic Notes:	1	TD515 is the country where the service is to be performed.
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD501	133	**Routing Sequence Code**	O ID 1/2

Code describing the relationship of a carrier to a specific shipment movement

1. Use to identify each transportation leg which involves the loading of cargo onto a transportation device and its conveyance from one physical location to another.

2. Equates to the Route Sequence Number in WAWF.

1	1st Carrier after Origin Carrier	

For future use. Not available at this time. Not currently applicable for WAWF interface.

B	Origin/Delivery Carrier (Any Mode)	

For WAWF Version 4.1, only Code B is valid.

Ref. Des.	Data Element	Name	Attributes
TD502	66	**Identification Code Qualifier**	X ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

Use to identify the carrier applicable to the identified transportation leg (per TD501) by SCAC.

2	Standard Carrier Alpha Code (SCAC)	

Ref. Des.	Data Element	Name	Attributes
TD503	67	**Identification Code**	X AN 2/80

Code identifying a party or other code

Must Use	TD504	91	**Transportation Method/Type Code**	X	**ID 1/2**

Code specifying the method or type of transportation for the shipment

Use to identify the mode of shipment.

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	TD505	387	**Routing**	X	**AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Not Used	TD506	368	**Shipment/Order Status Code**	X	**ID 2/2**

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

Not Used	TD507	309	**Location Qualifier**	O	**ID 1/2**

Code identifying type of location

Not Used	TD508	310	**Location Identifier**	X	**AN 1/30**

Code which identifies a specific location

Not Used	TD509	731	**Transit Direction Code**	O	**ID 2/2**

The point of origin and point of direction

Not Used	TD510	732	**Transit Time Direction Qualifier**	O	**ID 2/2**

Code specifying the value of time used to measure the transit time

Not Used	TD511	733	**Transit Time**	X	**R 1/4**

The numeric amount of transit time

Not Used	TD512	284	**Service Level Code**	X	**ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD513	284	**Service Level Code**	X	**ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD514	284	**Service Level Code**	O	**ID 2/2**

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD515	26	**Country Code**	O	**ID 2/3**

Code identifying the country

Segment:	**FOB** F.O.B. Related Instructions		
Position:	090		
Loop:	BS1	Optional	
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To specify transportation instructions relating to shipment		

Syntax Notes:
1. If FOB03 is present, then FOB02 is required.
2. If FOB04 is present, then FOB05 is required.
3. If FOB07 is present, then FOB06 is required.
4. If FOB08 is present, then FOB09 is required.

Semantic Notes:
1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Comments:

Notes: *This segment is only used when physical shipment of material is involved.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

BP   Paid by Buyer

The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)

Use to indicate a Government Bill of Lading (GBL) was issued.

DF   Defined by Buyer and Seller

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

Use to indicate that transportation charges are not included in the unit price but are prepaid and are added as a separate item on this invoice.

PS   Paid by Seller

The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)

			Use to indicate transportation charges are included in the unit price.		
	FOB02	309	**Location Qualifier**	X	**ID 1/2**
			Code identifying type of location		
			Use to indicate the transportation responsibility location.		
			DE Destination (Shipping)		
			IT Intermediate FOB Point		
			A location indicating the point of destination is not the origin or final destination but rather at some other point		
			Provide the address in the N1/140 loop, citing code KX in N101.		
			OR Origin (Shipping Point)		
Not Used	**FOB03**	352	**Description**	O	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**FOB04**	334	**Transportation Terms Qualifier Code**	O	**ID 2/2**
			Code identifying the source of the transportation terms		
Not Used	**FOB05**	335	**Transportation Terms Code**	X	**ID 3/3**
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	FOB06	309	**Location Qualifier**	X	**ID 1/2**
			Code identifying type of location		
			IT Intermediate FOB Point		
			A location indicating the point of destination is not the origin or final destination but rather at some other point		
			Provide the acceptance point address in the N1/140 loop, citing KZ in N101.		
Not Used	**FOB07**	352	**Description**	O	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
Not Used	**FOB08**	54	**Risk of Loss Code**	O	**ID 2/2**
			Code specifying where responsibility for risk of loss passes		
Not Used	**FOB09**	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		

Segment:		**DTM** Date/Time Reference			
Position:		100			
Loop:		BS1	Optional		
Level:					
Usage:		Optional			
Max Use:		5			
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 this DTM/100 segment for dates that apply to shipment level information.*			

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		
			007	Effective	
			011	Shipped	
				Use to indicate that a supply has shipped, (i.e., the date a shipment was released to a carrier).	
			017	Estimated Delivery	
			139	Estimated	
			196	Start	
			197	End	
			198	Completion	
				Date when the activity was completed	
				Use to identify Services Completion Date.	
			214	Date of Repair/Service	
				Use to indicate a general date that a service was provided.	
			245	Estimated Completion	
				The revised plan or estimate of the complete date for a task or activity	
				Use to identify Estimated Services Completion Date.	
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:	**N9** Reference Identification	
Position:	110	
Loop:	BS1 Optional	
Level:		
Usage:	Optional	
Max Use:	20	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required.	
	2 If N906 is present, then N905 is required.	
	3 If either C04003 or C04004 is present, then the other is required.	
	4 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 N906 reflects the time zone which the time reflects.	
	2 N907 contains data relating to the value cited in N902.	
Comments:		
Notes:	*Use multiple repetitions of this N9/110 segment to identify data that apply to the entire shipment. Use the N9/200 segment to identify data that apply to the Order level.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

Up to two secondary transportation identification numbers may be provided for each transportation leg (per TD501). For WAWF Version 4.1 only one transportation leg may be identified. Field length for secondary transportation identification numbers in WAWF may not exceed 30 characters.

 08 Carrier Assigned Package Identification Number

A reference number assigned by a carrier to uniquely identify a single package

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify carrier package tracking number when carrier is other than the United States Postal Service. Recommended this be use in conjunction with identification of the carrier identification by Standard Carrier Alpha Code (SCAC).

 0L Referenced By

Use to describe the type of secondary transportation identification number associated with the value cited as Other Unlisted Transportation Number (N901=XY Other Unlisted Type of Reference Number)

12	Billing Account	
	Account number under which billing is rendered	
	Use to identify the Authorization Accounting Activity (AAA).	
AW	Air Waybill Number	
	This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit air waybill number.	
BL	Government Bill of Lading	
	Use to identify the shipment unit Government bill of lading number.	
BM	Bill of Lading Number	
	Use to identify the shipment unit commercial bill of lading number.	
BN	Booking Number	
	This is authorized as a secondary transportation identification numbers in WAWF. Use to identify shipment unit "Sealift Booking Number."	
CN	Carrier's Reference Number (PRO/Invoice)	
	Use to identify the "PRO/Invoice Number." A PRO or invoice number is a progressively sequential numbering system generated by commercial carriers to identify freight bills.	
FI	File Identifier	
	This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the "Port Call File Number (PCFN)." This is a sealift identifier generated and assigned by the Integrated Booking System to uniquely identify a booking; sometimes referred to as the government's booking number.	
FS	Final Sequence Number	
	Indicate suffix associated with final shipment.	
IZ	Insured Parcel Post Number	
	Number assigned to control an insured parcel post shipment from shipper to consignee	
	This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit insured parcel post number.	
K2	Certified Mail Number	
	Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery	

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit certified mail number.

K3 Registered Mail Number

Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit registered parcel post number.

LA Shipping Label Serial Number

Use to identify the fixe- length 18 character Serial Shipping Container Code (SSCC) used by NATO partners to track shipment units. Only one SSCC per ASN is authorized.

RE Release Number

SI Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to indicate a shipment number assigned by the shipper.

TG Transportation Control Number (TCN)

The TCN is a 17-character data element assigned to control and manage every shipment unit throughout the transportation pipeline. The TCN for each shipment is unique and not duplicated. Only one TCN per ASN is authorized.

WY Waybill Number

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Surface Waybill Number."

XY Other Unlisted Type of Reference Number

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify "Other Unlisted Transportation Number." Use additional N9 segment instance with Qualifier "0L" to explain the type of number identified.

ZH Carrier Assigned Reference Number

This is authorized as a secondary transportation identification numbers in WAWF. Use to identify the shipment unit "Express Mail Number".

ZZ Mutually Defined

Use N902 to indicate information associated with Mark-for Party or general comments. If additional

space is needed, also use N903. If necessary, can be used in conjunction with Mark -for Party identified in 1/N101/140.

| | N902 | 127 | **Reference Identification** | X | **AN 1/30** |

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

| | N903 | 369 | **Free-form Description** | X | **AN 1/45** |

Free-form descriptive text

Use to identify the Routing Sequence Code (per TD501) as a cross reference when identifying secondary transportation identification numbers in WAWF, e.g. "B."

| Not Used | N904 | 373 | **Date** | O | **DT 8/8** |

Date expressed as CCYYMMDD

| Not Used | N905 | 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 | N906 | 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 | N907 | C040 | **Reference Identifier** | O | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

| Not Used | C04001 | 128 | **Reference Identification Qualifier** | M | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04002 | 127 | **Reference Identification** | M | **AN 1/30** |

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

| Not Used | C04003 | 128 | **Reference Identification Qualifier** | X | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04004 | 127 | **Reference Identification** | X | **AN 1/30** |

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

| Not Used | C04005 | 128 | **Reference Identification Qualifier** | X | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04006 | 127 | **Reference Identification** | X | **AN 1/30** |

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

Segment:	**PER** Administrative Communications Contact		
Position:	120		
Loop:	BS1 Optional		
Level:			
Usage:	Optional		
Max Use:	5		
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:	*Use to indicate the name of a general point of contact.*		

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

Use to indicate an individual contractor's organization to be contacted with questions arising from the submission of this transaction set.

    IC   Information Contact

    Use to indicate an individual in the contractor's organization to be contacted with questions arising from the submission this transaction.

	Ref. Des.	Data Element	Name	Attributes
	PER02	93	**Name**	**O AN 1/60**

Free-form name

1. Cite the last name first, followed by first name. If the whole name is longer than 60 characters, truncate or use initials for the first name.

2. When PER01 cites IC for WAWF, enter WAWF USERID in PER02.

	Ref. Des.	Data Element	Name	Attributes
	PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

Use to identify a communication number for the party cited in PER02. Use Per03/04 to identify the communication number.

    TE   Telephone

    Use to indicate a commercial telephone number. Include the area code.

	Ref. Des.	Data Element	Name	Attributes
	PER04	364	**Communication Number**	**X AN 1/80**

Complete communications number including country or area code when applicable

	Ref. Des.	Data Element	Name	Attributes
	PER05	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

	EX	Telephone Extension

Use only if PER03 is used citing code TE.

	PER06	364	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Not Used	PER07	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Not Used	PER08	364	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

Not Used	PER09	443	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Segment:	**CUR** Currency	
Position:	130	
Loop:	BS1	Optional
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction	
Syntax Notes:	1	If CUR08 is present, then CUR07 is required.
	2	If CUR09 is present, then CUR07 is required.
	3	If CUR10 is present, then at least one of CUR11 or CUR12 is required.
	4	If CUR11 is present, then CUR10 is required.
	5	If CUR12 is present, then CUR10 is required.
	6	If CUR13 is present, then at least one of CUR14 or CUR15 is required.
	7	If CUR14 is present, then CUR13 is required.
	8	If CUR15 is present, then CUR13 is required.
	9	If CUR16 is present, then at least one of CUR17 or CUR18 is required.
	10	If CUR17 is present, then CUR16 is required.
	11	If CUR18 is present, then CUR16 is required.
	12	If CUR19 is present, then at least one of CUR20 or CUR21 is required.
	13	If CUR20 is present, then CUR19 is required.
	14	If CUR21 is present, then CUR19 is required.
Semantic Notes:		
Comments:	1	See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	CUR01	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	CUR02	100	**Currency Code**	M	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		
	CUR03	280	**Exchange Rate**	O	R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
	CUR04	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	CUR05	100	**Currency Code**	O	ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified		

| CUR06 | 669 | **Currency Market/Exchange Code** | **O** | **ID 3/3** |

Code identifying the market upon which the currency exchange rate is based

Refer to 004010 Data Element Dictionary for acceptable code values.

| CUR07 | 374 | **Date/Time Qualifier** | **X** | **ID 3/3** |

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

Refer to 004010 Data Element Dictionary for acceptable code values.

| CUR08 | 373 | **Date** | **O** | **DT 8/8** |

Date expressed as CCYYMMDD

| CUR09 | 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)

| CUR10 | 374 | **Date/Time Qualifier** | **X** | **ID 3/3** |

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

Refer to 004010 Data Element Dictionary for acceptable code values.

| CUR11 | 373 | **Date** | **X** | **DT 8/8** |

Date expressed as CCYYMMDD

| CUR12 | 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)

| CUR13 | 374 | **Date/Time Qualifier** | **X** | **ID 3/3** |

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

Refer to 004010 Data Element Dictionary for acceptable code values.

| CUR14 | 373 | **Date** | **X** | **DT 8/8** |

Date expressed as CCYYMMDD

| CUR15 | 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)

| CUR16 | 374 | **Date/Time Qualifier** | **X** | **ID 3/3** |

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

Refer to 004010 Data Element Dictionary for acceptable code values.

| CUR17 | 373 | **Date** | **X** | **DT 8/8** |

Date expressed as CCYYMMDD

| CUR18 | 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)

CUR19	**374**	**Date/Time Qualifier**	**X**	**ID 3/3**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

CUR20	**373**	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

CUR21	**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)

Segment:	**N1** Name	
Position:	140	
Loop:	N1	Optional
Level:		
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. Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/4 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a contractor can be identified by a Dun & Bradstreet (DUNS) number, it is not necessary to transmit the contractor's full address since the relationship between the DUNS number and the contractor's address can be established by accessing a data base in which the information is stored, having been put there at the time the contractor electronically registered as a Federal Government trading partner.*

2. Use this N1/140 Name loop to identify organizations applicable to the shipment information.

3. Use this N1/140 loop to identify: a) contractor, or other party originating the transaction set: b) the Ship-To, or ultimate recipient; and c) other party receiving the transaction set.

4. Use the WAWF-RA Implementation Guide for WAWF-RA specific addressing instructions.

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

7D	Contracting Officer Representative
AQ	Account of (Destination Party)
BY	Buying Party (Purchaser)
	Use to indicate 'Issue By' activity.
C4	Contract Administration Office

		Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts awarded to either the specific contractor or all contractors in the geographic area
IAO	Manager	
KA	Item Manager	
	The address of the person responsible for the management of an item of supply	
KX	Free on Board Point	
	Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Use when 1/FOB02/090 is code IT - Intermediate.	
KZ	Acceptance Location	
	Use to indicate the acceptance location when it has to be described by a specific address rather than as a code value indicating either origin or destination. Use when 1/FOB06/090 is code IT - Intermediate.	
L1	Inspection Location	
	Place where the item was viewed or inspected	
PE	Payee	
PO	Party to Receive Invoice for Goods or Services	
PR	Payer	
SE	Selling Party	
	Use to indicate the Prime Contractor or vendor.	
SF	Ship From	
ST	Ship To	
	Use to indicate the address to which an item must be shipped. If the ship-to address is an FPO or APO, cite the FPO or APO zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, and AP for San Francisco) in N406.	
SV	Service Performance Site	
	When services are contracted for, this describes the organization for whom or location address at which those services will be performed	
Z7	Mark-for Party	
	The party for whom the needed material is intended	
	Use as needed to identify Mark-for Party. If necessary, use 1/N901/110, code ZZ, to provide any additional comments associated with the Mark-for	

Party.

| | N102 | 93 | **Name** | | **X** | **AN 1/60** |

Free-form name

Use as necessary, to indicate the name of the activity cited in N101. When that party can be identified by a code value in N104, it is not necessary to provide the name. If additional characters are required to cite the full name, truncate at a logical point and use the N2 segment for the additional name information. If the ship-to address is an APO or FPO, cite APO or FPO as appropriate.

| | 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

Use in all transmissions to identify the DUNS number of the seller (code SE). Use in other iterations of the N1 loop with the appropriate N101 codes to identify Government activities or other contractor locations.

9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use to indicate the transacting parties where D-U-N-S+4 is appropriate.

10   Department of Defense Activity Address Code (DODAAC)

Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.

33   Commercial and Government Entity (CAGE)

A2   Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

| | N104 | 67 | **Identification Code** | | **X** | **AN 2/80** |

Code identifying a party or other code

Use to cite the actual Dun and Bradstreet, Dun and Bradstreet+4 or Department of Defense Activity Address Code.

| | N105 | 706 | **Entity Relationship Code** | | **O** | **ID 2/2** |

Code describing entity relationship

33   Owned

38   Owner

| **Not Used** | N106 | 98 | **Entity Identifier Code** | | **O** | **ID 2/3** |

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

	Segment:	**N2** Additional Name Information
	Position:	150
	Loop:	N1 Optional
	Level:	
	Usage:	Optional
	Max Use:	2
	Purpose:	To specify additional names or those longer than 60 characters in length
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*Use, as applicable, to indicate additional name information for the party cited in N101, when the size of the name is greater than the space allocated in N102.*

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:	160	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*1. Use to indicate the number of the building, the name of the street, suite numbers, if applicable, and any other address information. Use N302 if additional space is required.*	
	2. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.	

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:	170
Loop:	N1 Optional
Level:	
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.
Notes:	*1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04.*

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)		
		Do not use a dash in the zip code.		
N404	**26**	**Country Code**	**O**	**ID 2/3**
		Code identifying the country		
		Use only when other than the United States.		
N405	**309**	**Location Qualifier**	**X**	**ID 1/2**
		Code identifying type of location		
	AR	Armed Services Location Designation		
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)		
N406	**310**	**Location Identifier**	**O**	**AN 1/30**
		Code which identifies a specific location		
		When N405 is code AR, cite the Two letter APO or FPO identifier (AA for Miami, AE for New York, or AP for San Francisco).		

Segment:	**LM** Code Source Information				
Position:	175				
Loop:	LM	Optional			
Level:					
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.			

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)	
	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: 176
Loop: LM Optional
Level:
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:

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	
		7 Quality Assurance Site Code	
		The site at which quality assurance is performed	
		8 Acceptance Site Code	
		The site at which assent to ownership of contract line items takes place	
LQ02	1271	**Industry Code**	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment:	**TDS** Total Monetary Value Summary	
Position:	180	
Loop:	BS2	Optional
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the total invoice discounts and amounts	
Syntax Notes:		
Semantic Notes:	1	TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
	2	TDS02 indicates the amount upon which the terms discount amount is calculated.
	3	TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
	4	TDS04 indicates the total amount of terms discount.
Comments:	1	TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.
Notes:		*1. Use this Order level loop to identify total invoice monetary amounts applicable to all items in the order.*
		2. There is no need to transmit either the currency symbol (e.g., the dollar sign $), commas separating thousands, or the decimal point, because the amount data elements are N2 types which means that there are two decimal places implied in every transmitted number. When using, be sure to follow all whole numbers with two zeros to account for the implied two decimal places.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	TDS01	610	**Amount**	**M**	**N2 1/15**
			Monetary amount		
			Use to indicate the total amount of the invoice.		
Not Used	TDS02	610	**Amount**	**O**	**N2 1/15**
			Monetary amount		
Not Used	TDS03	610	**Amount**	**O**	**N2 1/15**
			Monetary amount		
Not Used	TDS04	610	**Amount**	**O**	**N2 1/15**
			Monetary amount		

Segment:	**PRF** Purchase Order Reference		
Position:	190		
Loop:	BS2	Optional	
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To provide reference to a specific purchase order		
Syntax Notes:			
Semantic Notes:	1	PRF04 is the date assigned by the purchaser to purchase order.	
Comments:			
Notes:	*1. Use to identify the Procurement Instrument Identification Number (PIIN) and, if applicable the Supplemental Procurement Instrument Identification Number (SPIIN).*		
	2. Use to identify additional contract information including a contract or order modification.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PRF01	324	**Purchase Order Number**	**M AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser	
			Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts). This is always the Procurement Instrument Identification Number (PIIN) for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument, that number is carried in PRF02. This number shall be transmitted without dashes.	
	PRF02	328	**Release Number**	**O AN 1/30**
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
			Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number (SPIIN). This number shall be transmitted without dashes.	
	PRF03	327	**Change Order Sequence Number**	**O AN 1/8**
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
	PRF04	373	**Date**	**O DT 8/8**
			Date expressed as CCYYMMDD	
			1. When PRF02 is used, cite the date of the delivery order, call or release.	

			2. When PRF02 is not used, cite the date of the award instrument identified in PRF01.		
Not Used	PRF05	350	**Assigned Identification**	O	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
Not Used	PRF06	367	**Contract Number**	O	**AN 1/30**
			Contract number		
Not Used	PRF07	92	**Purchase Order Type Code**	O	**ID 2/2**
			Code specifying the type of Purchase Order		

Segment:	**N9** Reference Identification	
Position:	200	
Loop:	BS2 Optional	
Level:		
Usage:	Optional	
Max Use:	>1	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
	3	If either C04003 or C04004 is present, then the other is required.
	4	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
	2	N907 contains data relating to the value cited in N902.
Comments:		
Notes:	*1. Use this N9/200 segment to identify numbers that apply to a particular order/invoice and all of the line items. Use the N9/110 segment for numbers that apply to shipment information.*	
	2. Use to identify transaction numbers (i.e., the requisition number), an applicable number suffix, and/or other controlling numbers.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

AT	Appropriation Number	
CA	Cost Allocation Reference	
CT	Contract Number	
DO	Delivery Order Number	
IK	Invoice Number	
	Manufacturer's invoice number for vehicle/component	

Use to indicate the Invoice number. The invoice number may not be duplicated by an issuer in an original transaction (BHT02, code 00) within a 12 month period. The same number can be used if issuing a duplicate or replacement Advance Shipment and Billing Notice (BHT02 is code 05 or 07).

IL	Internal Order Number	

Use to indicate the purchase requisition number associated with the entire order.

IZ	Insured Parcel Post Number	

			Number assigned to control an insured parcel post shipment from shipper to consignee		
		K2	Certified Mail Number		
			Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery		
		K3	Registered Mail Number		
			Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery		
		RQ	Purchase Requisition Number		
Must Use	N902	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	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
Not Used	N904	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	N905	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	N906	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		
	N907	C040	**Reference Identifier**	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
M	C04001	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
		AT	Appropriation Number		
		CA	Cost Allocation Reference		
		IK	Invoice Number		
			Manufacturer's invoice number for vehicle/component		
		IL	Internal Order Number		
		IZ	Insured Parcel Post Number		
			Number assigned to control an insured parcel post shipment from shipper to consignee		
		K2	Certified Mail Number		

			Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery		
	K3		Registered Mail Number		
			Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery		
	RQ		Purchase Requisition Number		

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

Not Used   **C04003**   **128**   **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

Not Used   **C04004**   **127**   **Reference Identification**   **X**   **AN 1/30**

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

Not Used   **C04005**   **128**   **Reference Identification Qualifier**   **X**   **ID 2/3**

Code qualifying the Reference Identification

Not Used   **C04006**   **127**   **Reference Identification**   **X**   **AN 1/30**

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

Segment:	**DTM** Date/Time Reference	
Position:	210	
Loop:	BS2 Optional	
Level:		
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:	*1. Use this DTM/210 segment in the Order loop, to specify dates that apply to all line items in the order/invoice.*	
	2. Use the DTM/100 segment to specify dates that apply to shipment type information. Use the DTM/445 segment (when available in a future release) to specify dates that apply to individual line items.	
	3. Use two repetitions of this segment (codes 186 and 187) when a range of dates (expressed as period start - period end), is required.	
	4. Use to identify the actual or estimated date of material shipment or a service performance when the same date applies to all line items.	

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		
			035	Delivered	
			050	Received	
			186	Invoice Period Start	
				When the billing period covered by an invoice begins	
			187	Invoice Period End	
				When the billing period covered by an invoice ends	
			201	Acceptance	
			458	Certification	
				Date of a document attesting to a fact	
	DTM02	373	**Date**		X DT 8/8
			Date expressed as CCYYMMDD		
	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)

| 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

Refer to 004010 Data Element Dictionary for acceptable code values.

| DTM05 | 1250 | **Date Time Period Format Qualifier** | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.

Refer to 004010 Data Element Dictionary for acceptable code values.

| 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:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	220	
Loop:	BS2 Optional	
Level:		
Usage:	Optional	
Max Use:	5	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	1	ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	1	If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	*1. Use to identify discount terms applicable to the order.*	
	2. Discount terms must be the same as identified in the applicable award instrument unless the contractor is offering better discount terms.	
	3. Use only when a discount or Fast Pay is applicable.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	**336**	**Terms Type Code**	**O ID 2/2**
		Code identifying type of payment terms	
		03 Fixed Date	
		08 Basic Discount Offered	
		22 Cash Discount Terms Apply	
		Contract terms specify that a cash discount is applicable	
ITD02	**333**	**Terms Basis Date Code**	**O ID 1/2**
		Code identifying the beginning of the terms period	
		1. Use this data element only if better terms are being offered than are contained in the applicable award instrument.	
		2. Use any code.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
ITD03	**338**	**Terms Discount Percent**	**O R 1/6**
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
		The amount shown is a percent, e.g., two and a half percent should be shown as 2.5 (two point five). Do not write the percent as .025	

	ITD04	370	**Terms Discount Due Date**		X	DT 8/8

Date payment is due if discount is to be earned expressed in format CCYYMMDD

Use to indicate the date for the discount when ITD01 is code 03.

	ITD05	351	**Terms Discount Days Due**		X	N0 1/3

Number of days in the terms discount period by which payment is due if terms discount is earned

Use to indicate the number of days applicable to the term discount. Example, 2/10 indicates a 2% discount is given if the invoice is paid within 10 days.

Not Used	ITD06	446	**Terms Net Due Date**		O	DT 8/8

Date when total invoice amount becomes due expressed in format CCYYMMDD

	ITD07	386	**Terms Net Days**		O	N0 1/3

Number of days until total invoice amount is due (discount not applicable)

Use this data element to indicate net payment period, Example: Net 30 indicates the invoice amount is due within 30 days. Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

	ITD08	362	**Terms Discount Amount**		O	N2 1/10

Total amount of terms discount

1. Use this data element to indicate an amount of the terms discount. Use this data element only if better discount terms are being offered than are contained in the applicable award instrument.

2. Use, if needed, to prevent differences that can result from rounding off methods.

Not Used	ITD09	388	**Terms Deferred Due Date**		O	DT 8/8

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

Not Used	ITD10	389	**Deferred Amount Due**		X	N2 1/10

Deferred amount due for payment

Not Used	ITD11	342	**Percent of Invoice Payable**		X	R 1/5

Amount of invoice payable expressed in percent

Not Used	ITD12	352	**Description**		O	AN 1/80

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

Not Used	ITD13	765	**Day of Month**		X	N0 1/2

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Not Used	ITD14	107	**Payment Method Code**		O	ID 1/2

Code identifying type of payment procedures

Not Used	ITD15	954	**Percent**		O	R 1/10

Percentage expressed as a decimal

Segment:	**TXI** Tax Information		
Position:	230		
Loop:	BS2 Optional		
Level:			
Usage:	Optional		
Max Use:	10		
Purpose:	To specify tax information		
Syntax Notes:	1	At least one of TXI02 TXI03 or TXI06 is required.	
	2	If either TXI04 or TXI05 is present, then the other is required.	
	3	If TXI08 is present, then TXI03 is required.	
Semantic Notes:	1	TXI02 is the monetary amount of the tax.	
	2	TXI03 is the tax percent expressed as a decimal.	
	3	TXI07 is a code indicating the relationship of the price or amount to the associated segment.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TXI01	963	**Tax Type Code**	M ID 2/2

Code specifying the type of tax

CA	City Tax	
	Service Tax imposed by City	
F1	FICA Tax	
FD	Federal Tax	
	Usage tax imposed by federal (US and Canadian) government	
FI	Federal Income Tax Withholding	
FT	Federal Excise Tax	
GR	Gross Receipts Tax	
LO	Local Tax (Not Sales Tax)	
	Service tax imposed on a local level	
LS	State and Local Sales Tax	
SA	State or Provincial Fuel Tax	
SE	State Excise Tax	
	Usage tax imposed by state of provincial government	

	Ref. Des.	Data Element	Name	Attributes
	TXI02	782	**Monetary Amount**	X R 1/18

Monetary amount

	Ref. Des.	Data Element	Name	Attributes
	TXI03	954	**Percent**	X R 1/10

Percentage expressed as a decimal

	Ref. Des.	Data Element	Name	Attributes
	TXI04	955	**Tax Jurisdiction Code Qualifier**	X ID 2/2

Code identifying the source of the data used in tax jurisdiction code

Refer to 004010 Data Element Dictionary for acceptable code values.

TXI05	**956**	**Tax Jurisdiction Code**	**X**	**AN 1/10**

Code identifying the taxing jurisdiction

TXI06	**441**	**Tax Exempt Code**	**X**	**ID 1/1**

Code identifying exemption status from sales and use tax

Refer to 004010 Data Element Dictionary for acceptable code values.

TXI07	**662**	**Relationship Code**	**O**	**ID 1/1**

Code indicating the relationship between entities

Refer to 004010 Data Element Dictionary for acceptable code values.

TXI08	**828**	**Dollar Basis For Percent**	**O**	**R 1/9**

Dollar basis to be used in the percent calculation of the allowance, charge or tax

TXI09	**325**	**Tax Identification Number**	**O**	**AN 1/20**

Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

TXI10	**350**	**Assigned Identification**	**O**	**AN 1/20**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	240	
Loop:	SAC Optional	
Level:		
Usage:	Optional	
Max Use:	1	
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.
Notes:		*Use this SAC/240 segment in the Order loop to identify total charges that are not being invoiced as a line item. These amounts are included in the TDS/180 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	

			C	Charge	
			N	No Allowance or Charge	
Must Use	**SAC02**	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

B020	Certificate of Conformance
B050	Certification
B560	Container Allowance
B570	Container Deposits
B660	Contract Allowance
B950	Damaged Merchandise
C040	Delivery
C310	Discount
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
D900	Installation
D980	Insurance
F050	Other (See related description)
F110	Overrun Charge
F155	Packaging
F460	Postage
F650	Preparation
F680	Price Deviation
F690	Prior Balance
F810	Promotional Discount
F910	Quantity Discount
F920	Quantity Surcharge
I170	Trade Discount
I180	Trade In
I260	Transportation Direct Billing

Use to indicate a transportation charge when not applicable to a specific line item.

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

	SAC05	**610**	**Amount**	**O**	**N2 1/15**

Monetary amount

Use to identify the amount of the charge.

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

Not Used	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

Not Used	SAC10	380	**Quantity**	X	**R 1/15**

Numeric value of quantity

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

	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:	**FA1** Type of Financial Accounting Data				
Position:	294				
Loop:	FA1	Optional			
Level:					
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.

DX	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

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
	FA103	248	**Allowance or Charge Indicator**	**O**	**ID 1/1**

Code which indicates an allowance or charge for the service specified

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: **FA2** Accounting Data
Position: 295
Loop: FA1   Optional
Level:
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

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

Coding to track the source of funds (such as various government agencies)

Use this code in conjunction with codes L1 and ZZ when the individual components of the LOA cannot be generated by the application. When used, provide the basic appropriation number (department code through appropriation limit). Example: 1717979818100400

A1   Department Indicator

Use to indicate the two-position department code

A2   Transfer from Department

Use to indicate the two-position transfer from department

A3   Fiscal Year Indicator

Use to indicate the eight position fiscal year. The first four positions represent the first year the funds are available and the last four positions represent the last year the funds are available. Example: Year one 1999, year two 2000 would be cited as "19992000".

A4   Basic Symbol Number

Use to indicate the four-position code assigned by the Treasury that indicates the type of funds for appropriation.

A5   Sub-class

Use to indicate the four position numeric suffix

		that identifies the subdivision of funds that restricts the amount or use of funds.
A6	Sub-Account Symbol	
		Use to indicate the two position Fund Code or Material Category Code.
B1	Budget Activity Number	
		Use to indicate the two position Operation Agency Code that indicates the issuing organization.
B2	Budget Sub-activity Number	
		Use to indicate the Allotment Serial Number that indicates the distribution of funds.
B3	Budget Program Activity	
		Use to indicate the six-position activity address code of the card holder.
B4	Program Year Indicator	
		Use to indicate the one position Program Year.
C1	Program Element	
		Use to indicate the program element code.
C2	Project Task or Budget Subline	
D1	Defense Agency Allocation Recipient	
D4	Component Sub-allocation Recipient	
		Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.
D6	Sub-allotment Recipient	
		Use to indicate the one position Sub-allotment Recipient.
D7	Work Center Recipient	
		Use to indicate the six position Work Center Recipient.
E1	Major Reimbursement Source Code	
E2	Detail Reimbursement Source Code	
E3	Customer Indicator	
		Use to indicate the six-position customer identifier who has requested the goods or services.
F1	Object Class	
		Use to indicate the Object Class, Element of Resource or the Element of Expense.
F3	Government or Public Sector Identifier	
		Use to indicate the government or public source providing the goods or services.
F4	Country Code	

G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
	Use to indicate the Cost Code.	
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
	Use to indicate the shorthand elements of the accounting classification.	
J1	Document or Record Reference Number	
	Use to indicate the Standard Document Number.	
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	

1. Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

2. This code is used whether or not the application can generate the individual components of the LOA. If the application cannot generate the individual components of the LOA, use this code in conjunction with codes 18 and ZZ.

M1	Local Installation Data	
	Use to indicate the Installation Facilities System number.	
N1	Transaction Type	
	Use to indicate the transaction type code.	
P5	Foreign Military Sales (FMS) Line Item Number	
	Use to indicate the FMS Case Number, Country Code and FMS line number.	
P6	Contract Payment Notice (CPN) Recipient Indicator	
	Use to indicate the 8 position CPN Recipient/Organization Code.	
ZZ	Mutually Defined	

Use this code in conjunction with codes 18 and L1 when the individual components of the LOA cannot be generated by the application. When used, provide the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

| M | FA202 | 1195 | **Financial Information Code** | M | AN 1/80 |

Code representing financial accounting information

Segment:	**IT1** Baseline Item Data (Invoice)	
Position:	370	
Loop:	BS5 Optional	
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions	
Syntax Notes:	1	If any of IT102 IT103 or IT104 is present, then all are required.
	2	If either IT106 or IT107 is present, then the other is required.
	3	If either IT108 or IT109 is present, then the other is required.
	4	If either IT110 or IT111 is present, then the other is required.
	5	If either IT112 or IT113 is present, then the other is required.
	6	If either IT114 or IT115 is present, then the other is required.
	7	If either IT116 or IT117 is present, then the other is required.
	8	If either IT118 or IT119 is present, then the other is required.
	9	If either IT120 or IT121 is present, then the other is required.
	10	If either IT122 or IT123 is present, then the other is required.
	11	If either IT124 or IT125 is present, then the other is required.
Semantic Notes:	1	IT101 is the purchase order line item identification.
Comments:	1	Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
	2	IT106 through IT125 provide for ten 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 multiple iterations of this IT1/370 loop to provide invoice data for a specific line item. Allowances or charges applicable at the Order level are included in the SAC/240 loop.*
		2. Use this segment in HL/30 UID loops to identify UID data requirements as applicable.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT101	**350**	**Assigned Identification**	**O AN 1/20**
		Alphanumeric characters assigned for differentiation within a transaction set	
		1. Use to identify the line item in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement uniform line item numbering policy.	
		2. Not applicable to UID loop.	
IT102	**358**	**Quantity Invoiced**	**X R 1/10**
		Number of units invoiced (supplier units)	
		1. Use to identify the quantity invoiced and shipped.	

2. This will always be "1" in the UID loop.

| | IT103 | 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

1. Use to identify the unit of issue for the quantity listed in IT102.

2. Must be used in the UID loop to reflect the Unit of Measurement associated with the Acquisition Cost.

3. This will always be "each" (Code EA) in the UID loop.

Refer to 004010 Data Element Dictionary for acceptable code values.

| | IT104 | 212 | **Unit Price** | **X** | **R 1/17** |

Price per unit of product, service, commodity, etc.

1. Cite the contract or order unit price. In those cases where the line item was obtained without charge, cite the number "0".

2. Use in UID loop to indicate the acquisition cost per UID guidance.

| **Not Used** | IT105 | 639 | **Basis of Unit Price Code** | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

| | IT106 | 235 | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

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

1. Use only codes that were contained in the contract or order. The description should be kept to a minimum essential to identify the item for shipment and invoice purposes. Any code may be used but the listed codes are preferred in IT106.

2. Use in UID loop to identify the UII Type in the first Product/Service pair. Use subsequent pairs to identify the Enterprise Identifier, Issuing Agency Code, and original part number, as applicable.

B8   Batch Number
CL   Color
DS   Group ID
Use to identify the type of code used to identify the manufacturer. This is the same code list as used for Issuing Agency Code:
D: CAGE
LD: DoDAAC
LB: ANSI T1.220
UN: DUNS
0-9 (single digits, 10 different codes, EAN.UCC Company Prefix)
LH: European Health Industry Business Communications Council

F8   Next Higher Used Assembly

FS   National Stock Number
FT   Federal Supply Classification

KF   Item Type Number
Use to identify the UII type per UID guidance, e.g., VIN, UID1, UID2, etc., when known.

MA   Machine Number
Use to identify the manufacturer of the item associated with the IUID information if different from the Enterprise Identifier.   The manufacturer may be identified by CAGE, DODAAC, ANSI T1.220, DUNS, or EAN.UCC. When provided, also identify the type of code used at IT116-IT117.

MF   Manufacturer
Use in UID loop to indicate the Enterprise Identifier (EID).

MG   Manufacturer's Part Number
Use in UID loop to indicate the original part number.

MN   Model Number

PC   Prime Contractor Part Number
Use to identify Current Part Number reported for UII.

SN   Serial Number
SV   Service Rendered

SW   Stock Number
Use to indicate a local stock number.

VP   Vendor's (Seller's) Part Number

XZ   Contractor Establishment Code
Use in UID loop to identify the Issuing Agency Code (IAC).

Refer to 004010 Data Element Dictionary for acceptable code values.

	IT107	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
	IT108	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.		
	IT109	234	**Product/Service ID**	X	**AN 1/48**
			Identifying number for a product or service		
Not Used	IT110	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	IT111	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	IT112	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	IT113	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	IT114	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.

	IT115	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	IT116	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.

	IT117	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	IT118	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.

	IT119	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	IT120	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.

	IT121	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	IT122	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	IT123	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Not Used	IT124	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	IT125	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

Segment:		**N9** Reference Identification		
Position:		430		
Loop:		BS5	Optional	
Level:				
Usage:		Optional		
Max Use:		10		
Purpose:		To transmit identifying information as specified by the Reference Identification Qualifier		
Syntax Notes:		1	At least one of N902 or N903 is required.	
		2	If N906 is present, then N905 is required.	
		3	If either C04003 or C04004 is present, then the other is required.	
		4	If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:		1	N906 reflects the time zone which the time reflects.	
		2	N907 contains data relating to the value cited in N902.	
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N901	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			06 System Number	
			A unique number assigned by the manufacturer to identify the initial computer system sold to the customer	
			AT Appropriation Number	
			CA Cost Allocation Reference	
			E9 Attachment Code	
			Supplementary reference information	
			LT Lot Number	
			Use only for "Zero Lot" shipments (IT102 = zero (0) and IT103 = (LO) where contract is administered by MOCAS. Enter ZL in N902 to indicate Zero Lot and enter the actual quantity of the Zero Lot line item in N903. When provided quantity must equal amount associated with MILSTRIP document numbers, IUID data, or Pack data.	
			QQ Unit Number	
			RQ Purchase Requisition Number	
	N902	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

> *1. Use to indicate MILSTRIP number when N901 = 'RQ'.*
> *2. Use to indicate Standard Document Number (SDN) when N901 = 'CA'.*
> *3. Use to indicate Accounting Classification Reference Number (ACRN) when N901 = 'AT'*

	N903	369	**Free-form Description**		X	**AN 1/45**

Free-form descriptive text

> *Use to indicate MILSTRIP quantity when N901 = 'RQ' and N902 = MILSTRIP Number*

	N904	373	**Date**		O	**DT 8/8**

Date expressed as CCYYMMDD

	N905	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)

	N906	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

Refer to 004010 Data Element Dictionary for acceptable code values.

	N907	C040	**Reference Identifier**		O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

M	C04001	128	**Reference Identification Qualifier**		M	**ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

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

Refer to 004010 Data Element Dictionary for acceptable code values.

	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:	**DTM** Date/Time Reference
	Position:	445
	Loop:	BS5 Optional
	Level:	
	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

	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

> 007   Effective
>
> ***Use to identify Current Part Number Effective Date.***

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

Date expressed as CCYYMMDD

	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)

	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

Refer to 004010 Data Element Dictionary for acceptable code values.

	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3

Code indicating the date format, time format, or date and time format

Refer to 004010 Data Element Dictionary for acceptable code values.

	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: **PID** Product/Item Description
Position: 450
Loop: PID Optional
Level:
Usage: Optional
Max Use: 1
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: *Use this segment for item description when HL03 code is I and for UID description when HL03 code is D.*

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	
	PID02	750	**Product/Process Characteristic Code**	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID03	559	**Agency Qualifier Code**	X ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PID04	751	**Product Description Code**	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	PID05	352	**Description**	X AN 1/80
			A free-form description to clarify the related data elements and their content	

PID06	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

PID07	**822**	**Source Subqualifier**	**O**	**AN 1/15**

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

PID08	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**

Code indicating a Yes or No condition or response

Refer to 004010 Data Element Dictionary for acceptable code values.

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:	**SLN** Subline Item Detail		
Position:	470		
Loop:	SLN	Optional	
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To specify product subline detail item data		

Syntax Notes:
1. If either SLN04 or SLN05 is present, then the other is required.
2. If SLN07 is present, then SLN06 is required.
3. If SLN08 is present, then SLN06 is required.
4. If either SLN09 or SLN10 is present, then the other is required.
5. If either SLN11 or SLN12 is present, then the other is required.
6. If either SLN13 or SLN14 is present, then the other is required.
7. If either SLN15 or SLN16 is present, then the other is required.
8. If either SLN17 or SLN18 is present, then the other is required.
9. If either SLN19 or SLN20 is present, then the other is required.
10. If either SLN21 or SLN22 is present, then the other is required.
11. If either SLN23 or SLN24 is present, then the other is required.
12. If either SLN25 or SLN26 is present, then the other is required.
13. If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:
1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:
1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *Use in the HL/30 UID loop to identify the UII and associated information as applicable. Repeat the SLN loop as needed to identify each UII per HL/30 UID loop. If the number of items identified by UII exceeds the allowable number of loops, begin a new HL/30 loop, repeating the basic UID information contained in the 1/IT1/370 and 1/PID/450 segments.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SLN01	350	**Assigned Identification**	M AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

Use as a counter. Start with the number 1 and increase the number by

1 for each iteration of the segment.

Not Used	SLN02	350	Assigned Identification	O	AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

M	SLN03	662	Relationship Code	M	ID 1/1

Code indicating the relationship between entities

O   Information Only

Charges which relate to but may not be included in or added to the unit price of the SLN. (i.e., compute WATS calculation based upon usage amounts)

Use in UID loop to indicate that UID information is provided.

Not Used	SLN04	380	Quantity	X	R 1/15

Numeric value of quantity

Not Used	SLN05	C001	Composite Unit of Measure	X	

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

Not Used	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

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	SLN06	212	**Unit Price**	X	R 1/17

Price per unit of product, service, commodity, etc.

Not Used	SLN07	639	**Basis of Unit Price Code**	O	ID 2/2

Code identifying the type of unit price for an item

Not Used	SLN08	662	**Relationship Code**	O	ID 1/1

Code indicating the relationship between entities

	SLN09	235	**Product/Service ID Qualifier**	X	ID 2/2

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

Use in UID loop to identify the UII value in the first Product/Service pair. If the UII exceeds 48 characters, carry over the additional characters to the next Product/Service pair using SLN11 code CT. Use subsequent pairs to identify the associated serial number and batch/lot, or production run number, as applicable.

B8   Batch Number

Use to identify the batch/lot/production number when this number is included in the UII for uniqueness.

CT   Continuation (ID Number Spans Multiple Product ID Data Elements)

Use with SLN09 code VU to provide a continuation of the UII value.

SN   Serial Number

Use to identify the item serial number.

VU   Vendor's Basic Unit Number

Use to identify the UII value.

	SLN10	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	SLN11	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 SLN09 note regarding UII value exceeding 48 characters. Use

code 'CT' to provide continuation of the UII value.

Refer to 004010 Data Element Dictionary for acceptable code values.

	SLN12	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

	SLN13	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.

	SLN14	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

	SLN15	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.

	SLN16	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

	SLN17	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.

	SLN18	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

	SLN19	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.

	SLN20	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	SLN21	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	SLN22	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	SLN23	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	SLN24	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Not Used	SLN25	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	SLN26	234	**Product/Service ID**		X	**AN 1/48**
			Identifying number for a product or service			
Not Used	SLN27	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	SLN28	234	**Product/Service ID**		X	**AN 1/48**
			Identifying number for a product or service			

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information	
Position:	490	
Loop:	SAC Optional	
Level:		
Usage:	Optional	
Max Use:	1	
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

	Ref. Des.	Data Element	Name	Attributes
M	SAC01	248	**Allowance or Charge Indicator**	**M ID 1/1**

Code which indicates an allowance or charge for the service specified

A		Allowance
C		Charge
N		No Allowance or Charge

	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	**X**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

B020	Certificate of Conformance
B050	Certification
B560	Container Allowance
B570	Container Deposits
B660	Contract Allowance
B950	Damaged Merchandise
C040	Delivery
C310	Discount
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
D900	Installation
D980	Insurance
F050	Other (See related description)
F110	Overrun Charge
F155	Packaging
F460	Postage
F650	Preparation
F680	Price Deviation
F690	Prior Balance
F810	Promotional Discount
F910	Quantity Discount
F920	Quantity Surcharge
I170	Trade Discount
I180	Trade In
I260	Transportation Direct Billing

Use to indicate a transportation charge when not applicable to a specific line item.

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

	SAC05	610	**Amount**	**O**	**N2 1/15**

Monetary amount

Use to identify the amount of the charge.

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

| Not Used | 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

| Not Used | SAC10 | 380 | **Quantity** | **X** | **R 1/15** |

Numeric value of quantity

| 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

| | 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:	505	
Loop:	LM	Optional
Level:		
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.

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)	
	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: 506
Loop: LM   Optional
Level:
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:

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

	6	Special Contract Provision Code	

Certain contract clauses and provisions that require special attention

	14	Contract Shipment Advice Code	

Information about a shipment of material from a contractor to the government

Ref. Des.	Data Element	Name	Attributes
LQ02	1271	**Industry Code**	X AN 1/30

Code indicating a code from a specific industry code list

Use only the following codes: E, D, S, A, B, C, D, E, F, G, H, Z.

Segment:	**FA1** Type of Financial Accounting Data	
Position:	507	
Loop:	FA1 Optional	
Level:		
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.

DX	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

Refer to 004010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes
	FA103	248	**Allowance or Charge Indicator**	O ID 1/1

Code which indicates an allowance or charge for the service specified

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment:	**FA2** **Accounting Data**		
Position:	508		
Loop:	FA1	Optional	
Level:			
Usage:	Mandatory		
Max Use:	>1		
Purpose:	To specify the detailed accounting data		
Syntax Notes:			
Semantic Notes:			
Comments:			

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
>
> Coding to track the source of funds (such as various government agencies)
>
> *Use this code in conjunction with codes L1 and ZZ when the individual components of the LOA cannot be generated by the application. When used, provide the basic appropriation number (department code through appropriation limit). Example: 1717979818100400*

> A1   Department Indicator
>
> *Use to indicate the two-position department code*

> A2   Transfer from Department
>
> *Use to indicate the two-position transfer from department*

> A3   Fiscal Year Indicator
>
> *Use to indicate the eight position fiscal year. The first four positions represent the first year the funds are available and the last four positions represent the last year the funds are available. Example: Year one 1999, year two 2000 would be cited as "19992000".*

> A4   Basic Symbol Number
>
> *Use to indicate the four-position code assigned by the Treasury that indicates the type of funds for appropriation.*

> A5   Sub-class
>
> *Use to indicate the four position numeric suffix*

		that identifies the subdivision of funds that restricts the amount or use of funds.
A6	Sub-Account Symbol	
		Use to indicate the two position Fund Code or Material Category Code.
B1	Budget Activity Number	
		Use to indicate the two position Operation Agency Code that indicates the issuing organization.
B2	Budget Sub-activity Number	
		Use to indicate the Allotment Serial Number that indicates the distribution of funds.
B3	Budget Program Activity	
		Use to indicate the six-position activity address code of the card holder.
B4	Program Year Indicator	
		Use to indicate the one position Program Year.
C1	Program Element	
		Use to indicate the program element code.
C2	Project Task or Budget Subline	
D1	Defense Agency Allocation Recipient	
D4	Component Sub-allocation Recipient	
		Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.
D6	Sub-allotment Recipient	
		Use to indicate the one position Sub-allotment Recipient.
D7	Work Center Recipient	
		Use to indicate the six position Work Center Recipient.
E1	Major Reimbursement Source Code	
E2	Detail Reimbursement Source Code	
E3	Customer Indicator	
		Use to indicate the six-position customer identifier who has requested the goods or services.
F1	Object Class	
		Use to indicate the Object Class, Element of Resource or the Element of Expense.
F3	Government or Public Sector Identifier	
		Use to indicate the government or public source providing the goods or services.
F4	Country Code	

G1	Program or Planning Code	
G2	Special Interest Code or Special Program Cost Code	
H1	Cost Code	
	Use to indicate the Cost Code.	
H3	Cost Allocation Code	
H4	Classification Code	
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)	
	Use to indicate the shorthand elements of the accounting classification.	
J1	Document or Record Reference Number	
	Use to indicate the Standard Document Number.	
K6	Accounting Classification Reference Code	
L1	Accounting Installation Number	

1. Use to indicate the Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

2. This code is used whether or not the application can generate the individual components of the LOA. If the application cannot generate the individual components of the LOA, use this code in conjunction with codes 18 and ZZ.

M1	Local Installation Data	
	Use to indicate the Installation Facilities System number.	
N1	Transaction Type	
	Use to indicate the transaction type code.	
P5	Foreign Military Sales (FMS) Line Item Number	
	Use to indicate the FMS Case Number, Country Code and FMS line number.	
P6	Contract Payment Notice (CPN) Recipient Indicator	
	Use to indicate the 8 position CPN Recipient/Organization Code.	
ZZ	Mutually Defined	

Use this code in conjunction with codes 18 and L1 when the individual components of the LOA cannot be generated by the application. When used, provide the balance of the financial accounting data which should include the Accountable Station Number identified by the use of code L1 in another iteration of this segment.

M   FA202   1195   Financial Information Code   M   AN 1/80

Code representing financial accounting information

Segment:		$\mathbf{SE}$ **Transaction Set Trailer**	
Position:		510	
Loop:			
Level:			
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 that is contained in ST02.	