

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 Invoicing, Receipt, Acceptance and Property Transfer (iRAPT) Shipment and Billing Notice documents, (a/k/a COMBOs). Please refer to the iRAPT Implementation Guide located at the following website for iRAPT specific rules and edit guidelines, <https://wawf.eb.mil>.

3. This transaction may be used to provide unique identification (UID) information to iRAPT. 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	
30	120	PER	Administrative Communications Contact	O	5	
32	130	CUR	Currency	O	1	
LOOP ID - N1					10	
35	140	N1	Name	O	1	
39	150	N2	Additional Name Information	O	2	
40	160	N3	Address Information	O	2	
41	170	N4	Geographic Location	O	1	
LOOP ID - LM					>1	
42	175	LM	Code Source Information	O	1	
43	176	LQ	Industry Code	M	>1	
LOOP ID - BS2					1	
44	180	TDS	Total Monetary Value Summary	O	1	n4
45	190	PRF	Purchase Order Reference	O	1	
46	200	N9	Reference Identification	O	>1	
48	210	DTM	Date/Time Reference	O	10	
50	220	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
52	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	
54	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	
56	294	FA1	Type of Financial Accounting Data	O	1	
57	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			
60	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	
66	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	
68	430	N9	Reference Identification	O	10	
Not Used	440	MEA	Measurements	O	10	
71	445	DTM	Date/Time Reference	O	10	
Not Used	446	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
LOOP ID - PID			25			
72	450	PID	Product/Item Description	O	1	
Not Used	460	MEA	Measurements	O	10	
LOOP ID - SLN			1000			
74	470	SLN	Subline Item Detail	O	1	
Not Used	480	PID	Product/Item Description	O	25	
LOOP ID - SAC			25			
78	490	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	500	TXI	Tax Information	O	10	
LOOP ID - LM			>1			
80	505	LM	Code Source Information	O	1	
81	506	LQ	Industry Code	M	>1	
LOOP ID - FA1			>1			
82	507	FA1	Type of Financial Accounting Data	O	1	
83	508	FA2	Accounting Data	M	>1	
86	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).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 857 Shipment and Billing Notice	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>The unique control number is assigned by the originator of the transaction set or by the originator's application program.</i>	M AN 4/9

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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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	
				<i>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.</i>
			01 Cancellation	
				<i>For iRAPT, use to indicate a Void Only" submission.</i>
			05 Replace	
				<i>For iRAPT, use to indicate a Void and Create to void a previously submitted ASN/Receiving Report (RR) and concurrently create a new one.</i>
			07 Duplicate	
				<i>Use to indicate a re-transmission of an original 857 transaction set.</i>
			14 Advance Notification	
				<i>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.</i>

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	
			<i>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.</i>	
	BHT04	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
			<i>Use to identify the date the transaction set was created. This date also serves as the invoice date.</i>	
	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)	
			<i>1. Express the originating activity's time in Universal Time Coordinate (UTC).</i>	
			<i>2. Express time in a four position Hour Hour Minute Minute (HHMM) format.</i>	
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	
			PR Product (or Service)	
			<i>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.</i>	

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:

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 iRAPT, the hierarchical structure shall be: shipment (HL03 code S), order/invoice (HL03 code O), item (HL03 code I), product characteristics (HL03 code PH), and UID (HL03 code D).
7. For inclusion of Mark information associated with IUID data content, the Mark Loop (HL03 code X) will be a child loop to the UID loop (HL03 code D).

Data Element Summary

Ref.	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	
		<i>In the first HL/030 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
	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	
		<i>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</i>	

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.

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).
- PH Product Characteristic
Use to identify product characteristics (Batch/Lot, Manufacturer, and Shelf Life Expiration Date) applicable to the item(s) being shipped/delivered. Only segments 2/IT1/370, 2/N9/430, 2/DTM/445, and 2/N1/140(if N1/140 is used, then G05/040 must be used to meet syntax requirements) are used. Multiple PH Loops may subordinate to a single Item Loop. No subordinate loops are allowed to this loop.
- S Shipment
Use to identify the transaction set Shipment loop.
- V Address Information
- X Serial Number
Use to provide Mark information associated with Parent UII (identified by a Parent UID loop) for new or updated items in the IUID Registry.

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:
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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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	
			<ol style="list-style-type: none"> 1. <i>For transactions involving material only, indicate the total number of units shipped.</i> 2. <i>For transactions involving services only, use the quantity of 1 (one).</i> 3. <i>For transactions involving both material and services, indicate the total number of units (material only) shipped.</i> 	
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	
			<i>Use any code, the following is a preferred list:</i>	
			<i>EA Each</i> <i>Use with G0501 when identifying material shipment quantities.</i>	
			<i>LO Lot</i> <i>Use with G0501 when the transaction involves services only.</i>	
			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	
	G0505	183	Volume	X R 1/8
			Value of volumetric measure	
			<i>Use with G0506 = 5I or CF as applicable.</i>	
	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	
			<i>The Cube field is a numeric field reflecting the total volume of a shipment in cubic feet. The field is a minimum one and maximum of eight numeric positions in length; decimals are not permitted and it cannot be a zero.</i>	
			5I Standard Cubic Foot	
			<i>Use for volume measured by Standard Cubic Foot defined as: One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measure.</i>	
			CF Cubic Feet	
			<i>Use for volume measured by cubic feet.</i>	
Not Used	G0507	80	Lading Quantity	X N0 1/7
Not Used	G0508	355	Unit or Basis for Measurement Code	X ID 2/2

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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD101	103	Packaging Code 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.	O AN 3/5
TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	X N0 1/7
TD103	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/1
TD104	22	Commodity Code Code describing a commodity or group of commodities	X AN 1/30
TD105	79	Lading Description Description of an item as required for rating and billing purposes	O AN 1/50
TD106	187	Weight Qualifier Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
TD107	81	Weight Numeric value of weight	X R 1/10
TD108	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
TD109	183	Volume Value of volumetric measure	X R 1/8
TD110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
		<i>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.</i>	
		<i>2. Equates to the Route Sequence Number in iRAPT.</i>	
		1 1st Carrier after Origin Carrier	
		<i>For future use. Not available at this time. Not currently applicable for iRAPT interface.</i>	
		B Origin/Delivery Carrier (Any Mode)	
		<i>For iRAPT Version 4.1, only Code B is valid.</i>	
TD502	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>Use to identify the carrier applicable to the identified transportation leg (per TD501) by SCAC.</i>	
		2 Standard Carrier Alpha Code (SCAC)	
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	
		<i>Use to identify the mode of shipment.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387 Routing	X AN 1/35
Not Used	TD506	368 Shipment/Order Status Code	X ID 2/2

Not Used	TD507	309	Location Qualifier	O	ID 1/2
Not Used	TD508	310	Location Identifier	X	AN 1/30
Not Used	TD509	731	Transit Direction Code	O	ID 2/2
Not Used	TD510	732	Transit Time Direction Qualifier	O	ID 2/2
Not Used	TD511	733	Transit Time	X	R 1/4
Not Used	TD512	284	Service Level Code	X	ID 2/2
Not Used	TD513	284	Service Level Code	X	ID 2/2
Not Used	TD514	284	Service Level Code	O	ID 2/2
Not Used	TD515	26	Country Code	O	ID 2/3

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.

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

Data Element Summary

Ref.	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	
		<i>Use to indicate a Government Bill of Lading (GBL) was issued.</i>	
		DF Defined by Buyer and Seller	
		PE Prepaid and Summary Bill	
		<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP Prepaid (by Seller)	
		<i>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.</i>	
		PS Paid by Seller	
		<i>Use to indicate transportation charges are included in the unit price.</i>	
	FOB02 309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		<i>Use to indicate the transportation responsibility location.</i>	
		DE Destination (Shipping)	
		IT Intermediate FOB Point	
		<i>Provide the address in the N1/140 loop, citing code KX in N101.</i>	
		OR Origin (Shipping Point)	

Not Used	FOB03	352	Description	O	AN 1/80
Not Used	FOB04	334	Transportation Terms Qualifier Code	O	ID 2/2
Not Used	FOB05	335	Transportation Terms Code	X	ID 3/3
	FOB06	309	Location Qualifier	X	ID 1/2

Code identifying type of location

IT Intermediate FOB Point

Provide the acceptance point address in the N1/140 loop, citing KZ in N101.

Not Used	FOB07	352	Description	O	AN 1/80
Not Used	FOB08	54	Risk of Loss Code	O	ID 2/2
Not Used	FOB09	352	Description	X	AN 1/80

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:

Notes: *Use this DTM/100 segment for dates that apply to shipment level information.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		007	Effective	
			<i>1. Use in Shipment loop (HL03 code S) to identify the effective date for a Repairables Combo when property transfer is contract to contract and the prime contractor does not change.</i>	
			<i>2. Use in Mark loop (HL03 code X) to identify the Date the Mark is placed on the item.</i>	
		011	Shipped	
			<i>Use to indicate that a supply has shipped, (i.e., the date a shipment was released to a carrier).</i>	
		017	Estimated Delivery	
		094	Manufacture	
			<i>Use in Mark loop (HL03 code X) to identify Date of Manufacture.</i>	
		139	Estimated	
		196	Start	
		197	End	
		198	Completion	
			<i>Use to identify Services Completion Date.</i>	
		214	Date of Repair/Service	
			<i>Use to indicate a general date that a service was provided.</i>	
		245	Estimated Completion	
			<i>Use to identify Estimated Services Completion Date.</i>	
Must Use	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

Not Used	DTM03	337	Time	X	TM 4/8
Not Used	DTM04	623	Time Code	O	ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
Not Used	DTM06	1251	Date Time Period	X	AN 1/35

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.

Notes:

1. *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.*
2. *Use in 2/HL/030 Mark loops to provide Mark information related to parent UIDs. Repeat the N9 segment as needed. For values exceeding the N902 maximum field length limit of 30 characters, use the N903 for the overflow. For values exceeding the N902 and N903 maximum field length limit (combined 75 characters), use the N907 C04002, C04004, and C04006 as needed with appropriate qualifier cited in the C04001, C04003, and C04005.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> N901	<u>Element</u> 128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		<i>Up to two secondary transportation identification numbers may be provided for each transportation leg (per TD501). For iRAPT Version 4.1 only one transportation leg may be identified. Field length for secondary transportation identification numbers in iRAPT may not exceed 30 characters.</i>	
		08	Carrier Assigned Package Identification Number <i>This is authorized as a secondary transportation identification numbers in iRAPT. 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).</i>
		0L	Referenced By <i>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)</i>

12	Billing Account <i>Use to identify the Authorization Accounting Activity (AAA).</i>
2E	Foreign Military Sales Case Number <i>1. Use in the shipment loop, HL03=S.</i> <i>2. For transmission to iRAPT, the Foreign Military Sales Case Number is the concatenation of the Security Cooperation (SC) Customer Code, SC Implementing Agency Code, and SC Case Designator structured as XX-X-XXX.</i> <i>3. For transmission to DoD applications, this data element will be reformatted as three discrete data elements.</i> <i>4. For DLMS, in the 856 this data element is used to identify the two-position Security Cooperation (SC) Case Designator. The SC Customer Code is mapped to REF01 Code SCC and the SC Implementing Agency is mapped to REF01 Code SCI.</i>
7M	Frame <i>Use in Mark loop (HL03 code X) to identify the Mark content type Hull Number.</i>
AAG	Military ID <i>Use in Mark loop (HL03 code X) to identify the Service/Agency/Command. Authorized values for N902 are:</i> CHEMBIO MDA TRANSCOM SOCOM USARMY USAF USCG USMC USN
AAL	Agent Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type USMC Number.</i>
AAU	General Agency Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type USA Number.</i>
AAW	Agency Assigned Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type USAF Number.</i>
ABS	Vessel Name

	<i>Use in Mark loop (HL03 code X) to identify the Mark content type Vessel Class.</i>
AT	Appropriation Number
AW	Air Waybill Number
	<i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify the shipment unit air waybill number.</i>
BL	Government Bill of Lading
	<i>Use to identify the shipment unit Government bill of lading number.</i>
BM	Bill of Lading Number
	<i>Use to identify the shipment unit commercial bill of lading number.</i>
BN	Booking Number
	<i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify shipment unit Sealift Booking Number."</i>
CA	Cost Allocation Reference
CN	Carrier's Reference Number (PRO/Invoice)
	<i>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.</i>
CT	Contract Number
	<i>1. Use in Shipment loop (HL03 code S) to identify the Gaining procurement instrument identifier (PIID) for Repairable Combo Reports. When procurement is authorized under a PIID call/order number (F in 9th position), provide the value in the PIID field. Refer to ADC 1161.</i>
	<i>2. Use in Mark loop (HL03 code X) to identify the Mark content type PIID.</i>
DO	Delivery Order Number
DX	Department/Agency Number
	<i>Use in Mark loop (HL03 code X) to identify the Mark content type USN Number.</i>
E9	Attachment Code
FA	Federal Acquisition Regulations (FAR)
FI	File Identifier
	<i>This is authorized as a secondary transportation identification numbers in iRAPT. 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;</i>

sometimes referred to as the government's booking number.

FS

Final Sequence Number

For iRAPT, the following rules are authorized:

1. If the payment system is MOCAS, EBS, or contract is DLA or DCMA administered, use in the Shipment loop (HL03 Code S) to indicate that shipment is final. Enter the Shipment Number in N902, the 8th position must be a 'Z'.

2. If the payment system is not MOCAS, EBS, or contract is not DLA or DCMA administered, use in Shipment loop (HL03 Code S) to indicate that the shipment is final. Enter the Shipment Number (without the 'Z') in N902.

This data element must be used in conjunction with the business rules in Code SI, Shipper's Identifying Number for Shipment (SID).

GU

Internal Purchase Order Item Number

Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number. The Internal Asset Number may be carried in a combination of N902 (30 characters), N903 (45 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 165 characters. When extending the Internal Asset Number into the composite data elements, the C04001, C04003, and C04005 must cite code GU.

I5

Invoice Identification

For iRAPT, use in Shipment loop (HL03 Code S) to identify the Final Invoice Indicator. Enter 'Final' in N902, and 'Y' in N103 to identify that the transaction is a Final Invoice. Enter 'N' if the transaction is not final.

IZ

Insured Parcel Post Number

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

JL

Packet

Use in Mark loop (HL03 code X) as the Bagged/Tagged Indicator. Enter Y (Yes) or N (No) in the N902.

K2

Certified Mail Number

This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify the

	<i>shipment unit certified mail number.</i>
K3	Registered Mail Number <i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify the shipment unit registered parcel post number.</i>
K6	Purchase Description <i>Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature. The description may be carried in a combination of N902 (30 characters), N903 (45 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 165 characters. When extending the description into the composite data elements, the C04001, C04003, and C04005 must cite code K6.</i>
KL	Contract Reference <i>For iRAPT, use to indicate a Contract Number Type. Cite the applicable code in N902.</i> <i>A - Cooperative Agreement B - DoD Contract (FAR) C - DoD Contract (Non-FAR) D - Grant E - Intragovernmental F - Intergovernmental G - International Agreement I - Non-DoD Contract (FAR) J - Non-DoD Contract (Non-FAR) K - Other Agreement S - Uniform PIID (FAR 4.16)</i>
LA	Shipping Label Serial Number <i>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.</i>
LT	Lot Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type Lot Number.</i>
NS	National Stock Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type National Stock Number.</i>
PM	Part Number <i>Use in Mark loop (HL03 code X) to identify the Mark content type Part Number. Cite the Part Number in the N903.</i>
PRT	Product Type

Use in Mark loop (HL03 code X) to identify the Mark content type Type Designation. Type Designation is a series of letters and numbers based on a standard (usually military) that identifies the type/model/series of a piece of equipment. Examples: F/A-18C means Fighter/Attack Aircraft model 18 Series C. CVN-75 means Nuclear Aircraft Carrier Hull Number 75. The Type Designation may be carried in a combination of N902 (30 characters), N903 (45 characters) and N907 C04002 (30 characters). When extending the description into the composite data elements, the C04001 must cite code PRT.

Q5 Property Control Number

Use in Mark loop (HL03 code X) to identify the Mark content type Property Control Number.

Q8 Registration Number

Use in Mark loop (HL03 code X) to identify the Mark content type Registration Number.

RE Release Number

SE Serial Number

Use in Mark loop (HL03 code X) to identify the Mark content type Serial Number.

SI Shipper's Identifying Number for Shipment (SID)

1. Use to indicate a shipment number assigned by the shipper.

2. For iRAPT, use in the Shipment loop (HL03 Code S), to indicate that the shipment is not final in N901. Enter the Shipment Number in N902. If the Shipment is final, this data element must be used in conjunction with the business rules in Code FS, Final Sequence Number.

SJ Set Number

Use in Mark loop (HL03 code X).

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.

TH Transportation Account Code (TAC)

Use in the HL03 = S loop in conjunction with REF02= Transportation Account Code (TAC). The Transportation Account Code is a data element used to identify the appropriation or user responsible for paying the transportation costs.

TIP	<p>Technical Information Package</p> <p><i>Use in Mark loop (HL03 code X) to identify the Medium for the mark data. Authorized values for N902 are:</i></p> <p>2D COMPLIANT</p> <p>NONCOMPLIANT DATA MATRIX</p> <p>HUMAN READABLE</p> <p>CMB</p> <p>PDF417</p> <p>BARCODE</p> <p>RFID</p> <p>DEFINED</p> <p>PROFILE</p>
U3	<p>Unique Supplier Identification Number (USIN)</p> <p><i>Use in the Mark loop (HL03 code X) to identify the Mark content type UII. Cite the UII in N903.</i></p>
WY	<p>Waybill Number</p> <p><i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify the shipment unit Surface Waybill Number."</i></p>
XY	<p>Other Unlisted Type of Reference Number</p> <p><i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify Other Unlisted Transportation Number. Use additional N9 segment instance with Qualifier 0L" to explain the type of number identified.</i></p>
Y9	<p>Current Certificate Number</p> <p><i>Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification. The FAA Certification may be carried in a combination of N902 (30 characters), N903 (45 characters), C04002 (30 characters), C04004 (30 characters), and C04006 (30 characters) for a maximum of 165 characters. When extending the FAA Certification into the composite data elements, the C04001, C04003, and C04005 must cite code Y9.</i></p>
ZA	<p>Supplier</p> <p><i>Use in Mark loop (HL03 code X) to identify the Mark content type Supplier Name. The Supplier Name may be carried in a combination of N902 (30 characters), N903 (45 characters) and N907 C04002 (30 characters). When extending the description into the composite data elements, the C04001 must cite code ZA.</i></p>
ZH	<p>Carrier Assigned Reference Number</p> <p><i>This is authorized as a secondary transportation identification numbers in iRAPT. Use to identify the</i></p>

			<i>shipment unit Express Mail Number."</i>	
		ZZ	Mutually Defined	
			<i>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.</i>	
	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	
			<i>Use to identify the Routing Sequence Code (per TD501) as a cross reference when identifying secondary transportation identification numbers in iRAPT, e.g. B."</i>	
Not Used	N904	373	Date	O DT 8/8
Not Used	N905	337	Time	X TM 4/8
Not Used	N906	623	Time Code	O ID 2/2
	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		GU	Internal Purchase Order Item Number	
			<i>Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.</i>	
		K6	Purchase Description	
			<i>Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.</i>	
		PRT	Product Type	
			<i>Use in Mark loop (HL03 code X) to identify the Mark content type Type Designation.</i>	
		Y9	Current Certificate Number	
			<i>Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.</i>	
		ZA	Supplier	
			<i>Use in Mark loop (HL03 code X) to identify the Mark content type Supplier Name.</i>	
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	
		GU	Internal Purchase Order Item Number	

				<i>Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.</i>
		K6	Purchase Description	
				<i>Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.</i>
		Y9	Current Certificate Number	
				<i>Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.</i>
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	
		GU	Internal Purchase Order Item Number	
				<i>Use in Mark loop (HL03 code X) to identify the Mark content type Internal Asset Number.</i>
		K6	Purchase Description	
				<i>Use in Mark loop (HL03 code X) to identify the Mark content type Item Nomenclature.</i>
		Y9	Current Certificate Number	
				<i>Use in Mark loop (HL03 code X) to identify the Mark content type FAA Certification.</i>
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:

Notes: *Use to indicate the name of a general point of contact.*

Data Element Summary

Ref.	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	
		<i>Use to indicate an individual contractor's organization to be contacted with questions arising from the submission of this transaction set.</i>	
		CN General Contact	
		<i>Use in the Address Information Loop (HL03=V) when 2/N101/140 cites code FE to identify additional e-mail notifications.</i>	
		IC Information Contact	
		<i>Use to indicate an individual in the contractor's organization to be contacted with questions arising from the submission this transaction.</i>	
	PER02	93 Name	O AN 1/60
		Free-form name	
		<i>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.</i>	
		<i>2. When PER01 cites IC for iRAPT, enter iRAPT USERID in PER02.</i>	
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>Use to identify a communication number for the party cited in PER02. Use Per03/04 to identify the communication number.</i>	
		EM Electronic Mail	
		TE Telephone	
		<i>Use to indicate a commercial telephone number. Include the area code.</i>	
	PER04	364 Communication Number	X AN 1/80
		Complete communications number including country or area code when	

		applicable		
PER05	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
		EX Telephone Extension		
		<i>Use only if PER03 is used citing code TE.</i>		
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
Not Used	PER09	443	O	AN 1/20
		Contact Inquiry Reference		

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:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
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:
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 NI/140 Name loop to identify organizations applicable to the shipment information.*
3. *Use this NI/140 loop to identify: a) contractor, or other party originating the transaction set; b) the Ship-To, or ultimate recipient; c) other party receiving the transaction set; and d) additional e-mail recipients to receive notification of document submissions via EDI.*
4. *Use the iRAPT Implementation Guide for iRAPT specific addressing instructions.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		42 Component Manufacturer	<i>Use in Mark loop (HL03 code X).</i>
		7D Contracting Officer Representative	
		AAU Marker Owner	<i>Use in Mark loop (HL03 code X) to identify the Mark Owner, who represents the entity/activity that added the Mark to an item.</i>
		AQ Account of (Destination Party)	
		BY Buying Party (Purchaser)	<i>Use to indicate 'Issue By' activity.</i>
		C4 Contract Administration Office	

FE	Mail Address <i>Use in the Address Information Loop (HL03=V) to identify additional e-mail addresses requiring notification of the document submission via EDI. Identify the organization name in the N102 and the e-mail addresses in the associated PER segment(s)</i>
IAO	Manager
KA	Item Manager
KX	Free on Board Point <i>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.</i>
KZ	Acceptance Location <i>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.</i>
L1	Inspection Location
PE	Payee
PO	Party to Receive Invoice for Goods or Services
PR	Payer
SE	Selling Party <i>Use to indicate the Prime Contractor or vendor.</i>
SF	Ship From
ST	Ship To <i>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.</i>
SU	Supplier/Manufacturer <i>For DMLSS, if a batch/lot is provided in N9/430 of PH Loop, the actual Manufacturer must be provided--either by using this N1 segment in PH Loop or also using the N901/430 ZM Code with text name of manufacturer. The manufacturer may be identified by CAGE, DUNS or DUNS + 4.</i>
SV	Service Performance Site
Z7	Mark-for Party <i>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.</i>

N102	93	Name	X AN 1/60
		Free-form name	
		<i>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.</i>	
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 <i>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.</i>
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix <i>Use to indicate the transacting parties where D-U-N-S+4 is appropriate.</i>
		10	Department of Defense Activity Address Code (DODAAC) <i>Use to indicate either a Department of Defense Activity Address Code or a Civilian Agency Activity Address Code.</i>
		14	UCC/EAN Location Code Prefix <i>Use to identify the UCC/EAN Company Prefix. Enter the prefix value (0-9) in the N104.</i>
		21	Health Industry Number (HIN) <i>When used in the Mark loop (HL03 code X), use to identify the European Health Industry Business Communications Council (EHIBCC) Number.</i>
		33	Commercial and Government Entity (CAGE)
		41	Telecommunications Carrier Identification Code <i>When used in the Mark loop (HL03 code X), use to identify the American National Standard for Telecommunications Information Interchange - Coded Representation of the North American Telecommunication Industry Manufacturers, Suppliers, and Related Service Companies (ANSI TI.220) value.</i>
		A2	Military Assistance Program Address Code (MAPAC)
N104	67	Identification Code	X AN 2/80
		Code identifying a party or other code	
		<i>Use to cite the actual Dun and Bradstreet, Dun and Bradstreet+4 or</i>	

Department of Defense Activity Address Code.

N105	706	Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
		33 Owned	
		38 Owner	
N106	98	Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		NP Notify Party for Shipper's Order	
		<i>Use when N101 cites code FE to indicate that the e-mail recipients identified in the associated PER segment are to receive notification from iRAPT of document submission via EDI.</i>	

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

Segment: N3 Address Information
Position: 160
Loop: N1 Optional
Level:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:

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

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

Segment: **N4 Geographic Location**
Position: 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:
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

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
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)	
		<i>Do not use a dash in the zip code.</i>	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
		<i>Use only when other than the United States.</i>	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		AR Armed Services Location Designation	
		<i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)</i>	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
		<i>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).</i>	

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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		7 Quality Assurance Site Code	
		8 Acceptance Site Code	
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.

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

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

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.
Notes: *1. Use to identify the Procurement Instrument Identifier (PIID). When procurement is authorized under a PIID call/order number (F in 9th position), provide the value in the PIID field. Refer to ADC 1161.*

2. Use to identify additional contract information including a contract or order modification.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	PRF01	324 Purchase Order Number	M AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
		<i>Enter the PIID. Use the legacy PIIN pending transition to the PIID. When procurement is authorized under a PIID call/order number (F in 9th position), provide the value in the PIID field. Transmit this number without dashes.</i>	
	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	
		<i>1. Use to identify the legacy four-position call/order number associated with the PIIN. Transmit this number without dashes.</i>	
		<i>2. Do not use for the PIID call/order number. The PIID call/order number is mapped to PRF01. Refer to ADC 1161.</i>	
	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	
		<i>1. When PRF02 is used, cite the date of the delivery order, call or release.</i>	
		<i>2. When PRF02 is not used, cite the date of the award instrument identified in PRF01.</i>	
Not Used	PRF05	350 Assigned Identification	O AN 1/20
Not Used	PRF06	367 Contract Number	O AN 1/30
Not Used	PRF07	92 Purchase Order Type Code	O ID 2/2

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.

- 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	
		<i>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).</i>	
		IL Internal Order Number	
		<i>Use to indicate the purchase requisition number associated with the entire order.</i>	
		IZ Insured Parcel Post Number	
		K2 Certified Mail Number	
		K3 Registered Mail Number	
		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
Not Used	N904	373	Date	O DT 8/8
Not Used	N905	337	Time	X TM 4/8
Not Used	N906	623	Time Code	O ID 2/2
	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			AT Appropriation Number	
			CA Cost Allocation Reference	
			IK Invoice Number	
			IL Internal Order Number	
			IZ Insured Parcel Post Number	
			K2 Certified Mail Number	
			K3 Registered Mail Number	
			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
Not Used	C04004	127	Reference Identification	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
Not Used	C04006	127	Reference Identification	X AN 1/30

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:

- 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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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	
			187 Invoice Period End	
			201 Acceptance	
			458 Certification	
	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 YYYYMMDD 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.

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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
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	
ITD02	333	Terms Basis Date Code	O ID 1/2
		Code identifying the beginning of the terms period	
		<i>1. Use this data element only if better terms are being offered than are contained in the applicable award instrument.</i>	
		<i>2. Use any code.</i>	
		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	
		<i>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</i>	
ITD04	370	Terms Discount Due Date	X DT 8/8
		Date payment is due if discount is to be earned expressed in format CCYYMMDD	
		<i>Use to indicate the date for the discount when ITD01 is code 03.</i>	
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
	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
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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
Not Used	ITD10	389	Deferred Amount Due	X N2 1/10
Not Used	ITD11	342	Percent of Invoice Payable	X R 1/5
Not Used	ITD12	352	Description	O AN 1/80
Not Used	ITD13	765	Day of Month	X N0 1/2
Not Used	ITD14	107	Payment Method Code	O ID 1/2
Not Used	ITD15	954	Percent	O R 1/10

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TXI01	963 Tax Type Code Code specifying the type of tax CA City Tax F1 FICA Tax FD Federal Tax FI Federal Income Tax Withholding FT Federal Excise Tax GR Gross Receipts Tax LO Local Tax (Not Sales Tax) LS State and Local Sales Tax SA State or Provincial Fuel Tax SE State Excise Tax	M ID 2/2
	TXI02	782 Monetary Amount Monetary amount	X R 1/18
	TXI03	954 Percent Percentage expressed as a decimal	X R 1/10
	TXI04	955 Tax Jurisdiction Code Qualifier Code identifying the source of the data used in tax jurisdiction code Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	TXI05	956 Tax Jurisdiction Code Code identifying the taxing jurisdiction	X AN 1/10
	TXI06	441 Tax Exempt Code Code identifying exemption status from sales and use tax Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/1
	TXI07	662 Relationship Code Code indicating the relationship between entities	O ID 1/1

		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.

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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		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
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
			<i>Use to identify the amount of the charge.</i>		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
Not Used	SAC07	332	Percent	X	R 1/6
Not Used	SAC08	118	Rate	O	R 1/9
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
Not Used	SAC10	380	Quantity	X	R 1/15
Not Used	SAC11	380	Quantity	O	R 1/15
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
Not Used	SAC13	127	Reference Identification	X	AN 1/30
Not Used	SAC14	770	Option Number	O	AN 1/20
	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

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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	FA101	Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		<i>This data element is required for X12 syntax. Select the code that corresponds to the organization that is responsible for the assignment of the DoDAAC used to construct the controlling document number for the transaction.</i>	
		DF	Department of Defense (DoD) <i>Use to indicate that the Component is a Department of Defense agency, including Defense Logistics Agency. Refer to ADC 1043.</i>
		DN	Department of the Navy <i>Includes the United States Marine Corps.</i>
		DX	United States Marine Corps
		DY	Department of Air Force
		DZ	Department of Army
		FG	Federal Government
	FA102	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.	
	FA103	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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18 Funds Appropriation	
			<i>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</i>
		A1 Department Indicator	
			<i>Use to indicate the two-position department code</i>
		A2 Transfer from Department	
			<i>Use to indicate the two-position transfer from department</i>
		A3 Fiscal Year Indicator	
			<i>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.'</i>
		A4 Basic Symbol Number	
			<i>Use to indicate the four-position code assigned by the Treasury that indicates the type of funds for appropriation.</i>
		A5 Sub-class	
			<i>Use to indicate the four position numeric suffix that identifies the subdivision of funds that restricts the amount or use of funds.</i>
		A6 Sub-Account Symbol	
			<i>Use to indicate the two position Fund Code or Material Category Code.</i>

B1	Budget Activity Number <i>Use to indicate the two position Operation Agency Code that indicates the issuing organization.</i>
B2	Budget Sub-activity Number <i>Use to indicate the Allotment Serial Number that indicates the distribution of funds.</i>
B3	Budget Program Activity <i>Use to indicate the six-position activity address code of the card holder.</i>
B4	Program Year Indicator <i>Use to indicate the one position Program Year.</i>
C1	Program Element <i>Use to indicate the program element code.</i>
C2	Project Task or Budget Subline
D1	Defense Agency Allocation Recipient
D4	Component Sub-allocation Recipient <i>Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.</i>
D6	Sub-allotment Recipient <i>Use to indicate the one position Sub-allotment Recipient.</i>
D7	Work Center Recipient <i>Use to indicate the six position Work Center Recipient.</i>
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code
E3	Customer Indicator <i>Use to indicate the six-position customer identifier who has requested the goods or services.</i>
F1	Object Class <i>Use to indicate the Object Class, Element of Resource or the Element of Expense.</i>
F3	Government or Public Sector Identifier <i>Use to indicate the government or public source providing the goods or services.</i>
F4	Country Code
G1	Program or Planning Code
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code <i>Use to indicate the Cost Code.</i>
H3	Cost Allocation Code
H4	Classification Code

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:**
- Notes:**
- 1 IT101 is the purchase order line item identification.
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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
IT101	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		1. <i>Use to identify the line item in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement uniform line item numbering policy.</i>	
		2. <i>Not applicable to UID loop.</i>	
IT102	358	Quantity Invoiced	X R 1/10
		Number of units invoiced (supplier units)	
		1. <i>Use to identify the quantity invoiced and shipped.</i>	
		2. <i>This will always be 1 in the UID loop.</i>	
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. <i>Use to identify the unit of issue for the quantity listed in IT102.</i>	
		2. <i>Must be used in the UID loop to reflect the Unit of Measurement associated with the Acquisition Cost.</i>	

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

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.

3. A total of 10 unique Product/Service ID and qualifier pairs per CLIN may be identified in the line item loop (HL03=I) for submission to iRAPT. Duplicate Product /Service ID qualifiers will not be permitted per CLIN.

A3 Locally Assigned Number

A8 Exhibit Line Item Number

AK Refined Product Code

B8 Batch Number

CG Commodity Grouping

CH Country of Origin Code

CL Color

CN Commodity Name

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

EF *Exhibit Identifier*

F7 *End-Item Description*

F8 *Next Higher Used Assembly*

FS *National Stock Number*

FT *Federal Supply Classification*

IB *International Standard Book Number (ISBN)*
Use to identify title or unique edition of product by ISBN. The ISBN is a variable length alpha numeric code with maximum of 13 positions.

IN *Buyer's Item Number*

KA *Engineering Data List*

KB *Data Category Code*

KD *Replacement National Stock Number*

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

KG *Time Compliant Technical Order*

KI *Cognizance Symbol*

KJ *Material Control Code*

KK *Special Material Identification Code*

KL *Item Management Code*

KM *Shelf-Life Code*

KN *Shelf-Life Action Code*

LT *Lot Number*

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 <i>Use in UID loop to indicate the Enterprise Identifier (EID).</i>
MG	Manufacturer's Part Number <i>Use in UID loop to indicate the original part number.</i>
MN	Model Number
N1	National Drug Code in 4-4-2 Format
N2	National Drug Code in 5-3-2 Format
N3	National Drug Code in 5-4-1 Format
N4	National Drug Code in 5-4-2 Format
ND	National Drug Code (NDC)
PC	Prime Contractor Part Number <i>Use to identify Current Part Number reported for UII.</i>
PD	Part Number Description <i>Use code PD when the line item cannot be identified by using one of the other listed codes. When used, describe the item in the associated Product/Service ID, DE 234.</i>
PU	Part Reference Number
RC	Returnable Container Number
SN	Serial Number
ST	Style Number
SV	Service Rendered
SW	Stock Number <i>Use to indicate a local stock number.</i>
SZ	Vendor Alphanumeric Size Code (NRMA)
TP	Product Type Code
UA	U.P.C./EAN Case Code (2-5-5)
UE	U.P.C./EAN Module Code (2-5-5)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) <i>Use to identify the UPC associated with the shipping container when the container is purchased on this line item.</i>

UX	Universal Product Number
VC	Vendor's (Seller's) Catalog Number <i>Use to identify vendor item catalog number.</i>
VI	Vary Item Product Number
VP	Vendor's (Seller's) Part Number
XZ	Contractor Establishment Code <i>Use in UID loop to identify the Issuing Agency Code (IAC).</i>
ZB	Commercial and Government Entity (CAGE) Code
ZR	Service Control Identification <i>Use on FMS Receiving Reports to identify the applicable Military Articles & Services List (MASL) description. The MASL is a catalog of descriptive codes and text used to identify materiel and services available to be transferred to foreign governments and international organizations.</i>

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
Not Used	IT111	234	Product/Service ID	X AN 1/48
Not Used	IT112	235	Product/Service ID Qualifier	X ID 2/2
Not Used	IT113	234	Product/Service ID	X AN 1/48
	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		
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)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
IT123	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
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)		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
IT125	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment: **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)
Position: 395
Loop: BS5 Optional
Level:
Usage: Optional
Max Use: >1
Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Syntax Notes: 1 At least one of TD401 TD402 or TD404 is required.
2 If TD402 is present, then TD403 is required.

Semantic Notes: 1 TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Notes: *For iRAPT, Use to specify transportation special handling requirements, or hazardous materials information or both.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD401	152	Special Handling Code	X ID 2/3

Code specifying special transportation handling instructions

For iRAPT, the following codes are authorized for use in the line item loop, HL03=I. Use as applicable to identify items requiring special handling due to perishable, refrigerated, hazardous or other characteristics.

BAK	Bulky Article
BU2	Bunker Adjustment - 20 Foot Container
BU4	Bunker Adjustment - 40 Foot Container
DOC	Documentation - Special

Carrier creates special shipper documentation.

ED	Excessive Dimensions
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Equipment exceeds operating restrictions but is not considered high/wide in interline movement.

EE	Electronic Equipment Transfer
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EL	Environmental Control Limits
----	------------------------------

The items contained in the shipment are subject to environmental controls whose limits are specified in the contract.

EW	Excessive Weight
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EX	Explosive Flammable Gas
----	-------------------------

FAS	Firearms
-----	----------

FG	Flammable Gas
----	---------------

FL	Flammable
----	-----------

FR	Fragile - Handle with Care
----	----------------------------

HM	Endorsed as Hazardous Material
----	--------------------------------

KMD Keep Material Dry

MOT Other

Must use with TD404 to describe the special package marking/special handling requirements when not addressed by available TD401 codes.

MRF Refrigerated

ONC Use No Hooks

ONS Not Restricted Cargo

OPR Perishable

OTC Temperature Control

OV Overweight

RM Radioactive Material

SCC Special Containers

The additional service charge or order for a transportation carrier to use specially constructed containers for oversized or fragile items as part of a household goods shipment.

SH Shiftable Load

SMP Small Package

STA Conductivity/Anti-static Additive

TD402 208 Hazardous Material Code Qualifier X ID 1/1

Code which qualifies the Hazardous Material Class Code (209)
Refer to 004010 Data Element Dictionary for acceptable code values.

TD403 209 Hazardous Material Class Code X AN 1/4

Code specifying the kind of hazard for a material

TD404 352 Description X AN 1/80

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

Must use to describe the special package marking/special handling requirements when TD401=MOT (Other).

TD405 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.

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.

Data Element Summary

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

Code qualifying the Reference Identification

06	System Number
AT	Appropriation Number
CA	Cost Allocation Reference
DF	Defense Federal Acquisition Regulations (DFAR)

Use in the Line Item Loop (HL03=1) to identify the DFARS IUID clause and whether or not there is an exemption to it. If DF is entered in the N901, enter the DFARS clause number 252.211-7003 in the N902. In the N903, indicate if an exemption applies.

E9	Attachment Code
LT	Lot Number

1. 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.

2. Use with HL03=PH to identify a batch or lot number for a product produced at one time under the same manufacturing conditions. The field length for batch or lot number is limited to 20 characters.

P4	Project Code
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Use in the HL03 = I loop in conjunction with N902=Project Code.

QQ Unit Number
 RQ Purchase Requisition Number
 ZM Manufacturer Number

Use with HL03=PH to identify the text name of the product's manufacturer. For DMLSS, if a batch/lot is provided, the actual Manufacturer must be provided---either by submitting using N1 segment in PH Loop or providing this ZM Code with text name of manufacturer.

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	
		<i>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'</i>	
N903	369	Free-form Description	X AN 1/45
		Free-form descriptive text	
		<i>1. Use to indicate MILSTRIP quantity when N901 = 'RQ' and N902 = MILSTRIP Number. 2. Use to indicate either EXEMPT'br NON-EXEMPT'when N901=DF and N902=252.211-7003.</i>	
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:

Data Element Summary

M	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
			<i>Use to identify Current Part Number Effective Date.</i>	
			511 Shelf Life Expiration	
			<i>Use with HL03=PH to provide the shelf-life expiration date.</i>	
	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.

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.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	PID01	349 Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/3
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
	PID07	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
	PID08	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1

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.

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SLN01	350	Assigned Identification	M AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>Use as a counter. Start with the number 1 and increase the number by 1 for each iteration of the segment.</i>	
Not Used	SLN02	350	Assigned Identification	O AN 1/20
M	SLN03	662	Relationship Code	M ID 1/1
			Code indicating the relationship between entities	
			O Information Only	
			<i>Use in UID loop to indicate that UID information is provided.</i>	
Not Used	SLN04	380	Quantity	X R 1/15
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
Not Used	SLN07	639	Basis of Unit Price Code	O	ID 2/2
Not Used	SLN08	662	Relationship Code	O	ID 1/1
	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 SLNII code CT. Use subsequent pairs to identify the associated serial number and batch/lot, or production run number, as applicable.

B8	Batch Number
	<i>Use to identify the batch/lot/production number when this number is included in the UII for uniqueness.</i>
CT	Continuation (ID Number Spans Multiple Product ID Data Elements)
	<i>Use with SLN09 code VU to provide a continuation of the UII value.</i>
SN	Serial Number
	<i>Use to identify the item serial number.</i>
VU	Vendor's Basic Unit Number
	<i>Use to identify the UII value.</i>

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)		
		<i>Refer to SLN09 note regarding UII value exceeding 48 characters. Use code 'CT' to provide continuation of the UII value.</i>		
		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
Not Used	SLN22	234	Product/Service ID	X	AN 1/48
Not Used	SLN23	235	Product/Service ID Qualifier	X	ID 2/2
Not Used	SLN24	234	Product/Service ID	X	AN 1/48
Not Used	SLN25	235	Product/Service ID Qualifier	X	ID 2/2
Not Used	SLN26	234	Product/Service ID	X	AN 1/48
Not Used	SLN27	235	Product/Service ID Qualifier	X	ID 2/2
Not Used	SLN28	234	Product/Service ID	X	AN 1/48

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		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
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
	SAC05	610	Amount	O	N2 1/15
			Monetary amount		
			<i>Use to identify the amount of the charge.</i>		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
Not Used	SAC07	332	Percent	X	R 1/6
Not Used	SAC08	118	Rate	O	R 1/9
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
Not Used	SAC10	380	Quantity	X	R 1/15
Not Used	SAC11	380	Quantity	O	R 1/15
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
Not Used	SAC13	127	Reference Identification	X	AN 1/30
Not Used	SAC14	770	Option Number	O	AN 1/20
	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

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:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 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:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		6 Special Contract Provision Code	
		14 Contract Shipment Advice Code	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
		<i>Use only the following codes: E, D, S, A, B, C, D, E, F, G, H, Z.</i>	

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.

Data Element Summary

Ref.	Data Element	Name	Attributes
M	FA101	Agency Qualifier Code	M ID 2/2
		Code identifying the agency assigning the code values	
		<i>This data element is required for X12 syntax. Select the code that corresponds to the organization that is responsible for the assignment of the DoDAAC used to construct the controlling document number for the transaction.</i>	
		DF	Department of Defense (DoD) <i>Use to indicate that the Component is a Department of Defense agency, including Defense Logistics Agency. Refer to ADC 1043.</i>
		DN	Department of the Navy <i>Includes the United States Marine Corps.</i>
		DX	United States Marine Corps
		DY	Department of Air Force
		DZ	Department of Army
		FG	Federal Government
	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.	
	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:

Data Element Summary

Ref.	Data	Name	Attributes
M	<u>Des.</u> FA201	<u>Element</u> 1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18	Funds Appropriation <i>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</i>
		A1	Department Indicator <i>Use to indicate the two-position department code</i>
		A2	Transfer from Department <i>Use to indicate the two-position transfer from department</i>
		A3	Fiscal Year Indicator <i>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.'</i>
		A4	Basic Symbol Number <i>Use to indicate the four-position code assigned by the Treasury that indicates the type of funds for appropriation.</i>
		A5	Sub-class <i>Use to indicate the four position numeric suffix that identifies the subdivision of funds that restricts the amount or use of funds.</i>
		A6	Sub-Account Symbol <i>Use to indicate the two position Fund Code or Material Category Code.</i>

B1	Budget Activity Number <i>Use to indicate the two position Operation Agency Code that indicates the issuing organization.</i>
B2	Budget Sub-activity Number <i>Use to indicate the Allotment Serial Number that indicates the distribution of funds.</i>
B3	Budget Program Activity <i>Use to indicate the six-position activity address code of the card holder.</i>
B4	Program Year Indicator <i>Use to indicate the one position Program Year.</i>
C1	Program Element <i>Use to indicate the program element code.</i>
C2	Project Task or Budget Subline
D1	Defense Agency Allocation Recipient
D4	Component Sub-allocation Recipient <i>Use to indicate the Job Order/Work Center Order Number for assigning cost to a specific project.</i>
D6	Sub-allotment Recipient <i>Use to indicate the one position Sub-allotment Recipient.</i>
D7	Work Center Recipient <i>Use to indicate the six position Work Center Recipient.</i>
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code
E3	Customer Indicator <i>Use to indicate the six-position customer identifier who has requested the goods or services.</i>
F1	Object Class <i>Use to indicate the Object Class, Element of Resource or the Element of Expense.</i>
F3	Government or Public Sector Identifier <i>Use to indicate the government or public source providing the goods or services.</i>
F4	Country Code
G1	Program or Planning Code
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code <i>Use to indicate the Cost Code.</i>
H3	Cost Allocation Code
H4	Classification Code

Segment: **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:

Data Element Summary

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