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**Segment:** SAC Service, Promotion, Allowance, or Charge Information

**Position:** 130  
**Loop:** SAC Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

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

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

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

- Notes:**
1. Use this segment to identify services, allowances, or charges and, if applicable, quantities, that apply to specific line items. If the services, allowances, or charges apply to all of the line items, use the 1/SAC/120 segment.
  2. When PO106 in the 2/PO1/010 segment is code ZZ, at least one iteration of this segment is REQUIRED, with SAC02 citing an appropriate code that identifies the purpose of the miscellaneous charge.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	<i>Use to indicate an allowance or a discount.</i>
		C Charge	
		N No Allowance or Charge	<i>Use to indicate there is no charge for the specified service.</i>
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4

Code identifying the service, promotion, allowance, or charge

*Any code may be used. The following is a preferred list.*

**A310** *Air Express Charge*  
**A320** *Air Transportation Charge*  
**A480** *Assembly*  
**B180** *Cleaning Charge*  
**B870** *Customs Charge*  
**B940** *Cutting Charge*  
**C000** *Defective Allowance*  
**C240** *Disconnect Charge*  
**C260** *Discount-Incentive*

*Use to indicate that the contractor offers a discount when payment is made using the government credit card. Identify the discount as a total monetary value in SAC05, or as a percent in SAC06/07, or as a monetary rate in SAC08.*

**C300** *Discount-Special*

*Use to indicate an incremental quantity discount. An incremental quantity discount applies only to the quantity units within its specified range. Successive incremental discounts are applied against a total order quantity. For example, if different discounts are given for quantities, 1-10, 11-20, 21-30, etc., use of this code implies that for a quantity of 25, the first discount applies to the first 10 units, the second discount applies to the next 10 units and the third discount applies to the last 5 units.. Identify the percentage discount in SAC06/07 (citing code 5 in SAC06) or a monetary value discount in SAC08. Identify the quantity range in SAC10/11. This is contrast to the F910 step ladder discount that applies a single discount to the total line item quantity.*

**C310** *Discount*

*Use to indicate a general discount not related to a quantity or purchase amount. Identify the percentage discount in SAC06/07 or a monetary value discount in SAC08. This general discount is not used in combination with C300 or F910. Do not include any general discount within the C300 or F910 discount considerations.*

**C330** *Distribution Fee*  
**C370** *Diversion Charge*  
**C580** *Emergency Service*  
**C590** *Emergency Surcharge*  
**C830** *Expanded Service*

*Use to indicate the cost for service beyond the basic area. Identify the cost in SAC05 and the area in SAC09/10/11.*

**C880** *Expediting Premium*

**D170** *Free Goods*

*Use to indicate a quantity provided at no cost if a specified quantity or monetary value is purchased, e.g., buy \$100.00 and get 1 free; or buy 10, get 1 free. When a monetary value is used, identify the "buy" monetary amount in SAC05. When a specified quantity is used, identify the "free" quantity in SAC10 and the "buy" quantity in SAC11.*

**D290** *Full Truck allowance*  
**D340** *Goods and Services Charge.*  
**D440** *Groupage Discount*

*Use to indicate a discount applicable to a line item total purchase amount meeting or exceeding a specified threshold or range. Identify the percentage*

*discount in SAC06/07 (citing code 2 in SAC06) or the monetary value discount in SAC08. When a threshold is used, specify the threshold SAC10. When a range is used, specify the range in SAC10/11.*

**D500 Handling**

**D530 Hazardous Cargo Charge**

**D660 Hook-up charge**

**D820 Inside Delivery**

**D870 Inspection**

**D890 Installation and Training**

**D900 Installation**

**E340 Less Than Truckload (LTL) Charge**

*Use to indicate a charge for less than a full carload or truckload.*

**E400 Loading (Labor Charges)**

**E930 One-Day Service**

**F150 Packaging Service**

**F460 Postage**

**F560 Premium Transportation**

**F830 Proof of Delivery**

*Use to indicate a charge for the preparation of a DD Form 250.*

**F910 Quantity Discount**

*Use to indicate a step ladder discount applicable to a quantity range. The discount specified for the quantity range containing the total line item quantity is the discount to be applied to the unit price. Identify the percentage discount in SAC06/07 (citing code 5 in SAC06) or a monetary value discount in SAC08. Identify the quantity range in SAC10/11. This is contrast to the C300 incremental discount that applies to that portion of the total line item quantity within each increment.*

**G030 Reconnect Charge**

**G350 Rents and Leases**

**G470 Restocking Charge**

**G530 Rework**

**G580 Royalties**

**G600 Same-Day Service**

**G610 Saturday Delivery**

**G660 Scrap Allowance**

**G740 Service Charge**

*Use to indicate a basic charge for a service call. If the charge varies by distance, e.g., a set price within a 25 mile range, another price within a 50 mile range, etc. use SAC09/10/11 to provide that information.*

**G760 Set-up**

**G870 Shrink Wrap Charge**

**H000 Special Allowance**

**H030 Special Credit**

*Use to indicate the portion of a lease amount that is credited toward the purchase price on an Lease With Option to Purchase (LWOP). Use SAC06/07 to identify a percent or SAC08 to identify a discrete amount.*

**H110 Special Packaging**

**H170 Special Tooling Charge**

**H430 Storage**

**H540 Supplemental Items**

*Use to indicate Contractor Acquired Parts (CAP).*

**H550 Surcharge**

**H680 Tax - Governmental**  
**H700 Tax - Local Tax**  
**H770 Tax - State Tax**  
**H850 Tax**  
**H990 Testing Services Charge**  
**I260 Transportation Direct Billing**  
**I330 Two-Day Service**  
**I380 Unloading (Labor Charges)**  
**I590 Warranties**  
**ZZZZ Use to indicate a training charge.**

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	<b>Agency Qualifier Code</b>	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	<b>Amount</b>	O	N2 1/15
			Monetary amount		

**1. When SAC02 is code D170, identify the "buy" monetary value to obtain free goods, if applicable. For all other SAC02 codes, see semantic note 2.**

**2. When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.**

	SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
		2	Item Net Cost		
			<b>Use to indicate a percentage applied to the line item total amount.</b>		
		5	Base Price per Unit		
			<b>Use to indicate a percentage applied to the line item unit price.</b>		
		Z	Mutually Defined		
			<b>When SAC02 is code H030, use to indicate the credit percentage applied to a lease amount.</b>		

	SAC07	332	<b>Percent</b>	X	R 1/6
			Percent expressed as a percent		
			<b>Cite 4.25% as 4.25; cite 3% as 3.</b>		

	SAC08	118	<b>Rate</b>	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
			<b>1. See semantic note 3.</b>		
			<b>2. When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.</b>		

	SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<b>1. Use any code other than code ZZ.</b>		
			<b>2. When code M4 is cited and CUR01 in the 1/CUR/040 or 2/CUR/020 segment cites code BY, the monetary amount in SAC10 shall be stated as the</b>		

			<i>currency identified in CUR02.</i>
			<i>3. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>
			Refer to 004010 Data Element Dictionary for acceptable code values.
SAC10	380	Quantity	X R 1/15
			Numeric value of quantity
			<i>1. When SAC02 is code C300, use to identify the lower end of a quantity range that results in an incremental quantity discount.</i>
			<i>2. When SAC02 is code C830, use to identify the minimum distance.</i>
			<i>3. When SAC02 is code D170, use to identify the "free" quantity.</i>
			<i>4. When SAC02 is code D440, use to identify the line item total purchase amount that results in a discount.</i>
			<i>5. When SAC02 is code F910, use to identify the lower end of a quantity range that results in a step ladder discount.</i>
			<i>6. When SAC02 is code G740, use to identify the distance applicable to a service charge, if appropriate.</i>
			<i>7. When SAC02 is any other code, use to identify the quantity to which the charge, allowance, or discount applies. In most instances this quantity will be 1, but if a greater quantity applies, cite that quantity.</i>
SAC11	380	Quantity	O R 1/15
			Numeric value of quantity
			<i>1. Use only if SAC10 is used. SAC10/11 are used together to identify a range except when SAC02 is code D170.</i>
			<i>2. When SAC02 is code C300 or F910, use to identify the upper end of the quantity range associated with SAC10.</i>
			<i>3. When SAC02 is code C830, use to identify the maximum distance, if applicable.</i>
			<i>4. When SAC02 is code D170, use to identify the "buy" quantity, if applicable.</i>
			<i>5. When SAC02 is any other code, use to identify the upper end of a quantity range to which the charge, allowance, or discount applies.</i>
Not Used	SAC12	331	Allowance or Charge Method of Handling Code O ID 2/2
			Code indicating method of handling for an allowance or charge
	SAC13	127	Reference Identification X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
			<i>1. If the discount, allowance, charge, or no charge service applies to a specific delivery zone, identify the zone in this data element. The delivery zones and locations within each zone are identified in the I/N1/310 loop.</i>
			<i>2. To comply with X12 syntax, if SAC14 contains data that is not applicable to a specific delivery zone, cite the word "ALL" in this data element.</i>
	SAC14	770	Option Number O AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered
			<i>When SAC02 is code C300, D440, or F910, and the discount can be earned</i>

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NOT REC	SAC15	352	<i>by combining quantities or purchase amounts from line items in a discount group, use this data element to identify the discount group, e.g., DG-A.</i> <b>Description</b> X AN 1/80 A free-form description to clarify the related data elements and their content <i>1. Use, if necessary, to provide text information related to the information provided within this segment.</i> <i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>
Not Used	SAC16	819	<b>Language Code</b> 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:** **CSH** Sales Requirements

**Position:** 142

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify general conditions or requirements of the sale

**Syntax Notes:** 1 If CSH02 is present, then CSH03 is required.

2 If either CSH06 or CSH07 is present, then the other is required.

3 If either CSH09 or CSH10 is present, then the other is required.

**Semantic Notes:** 1 CSH03 is the maximum monetary amount value which the order must not exceed.

2 CSH04 is the account number to which the purchase amount is charged.

3 CSH05 is the date specified by the sender to be shown on the invoice.

4 CSH06 identifies the source of the code value in CSH07.

**Comments:**

**Notes:**

*Use this segment to specify requirements that apply to a specific line item. When the requirements apply to all of the line items, use the 1/CSH/110 segment.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
CSH01	563	<b>Sales Requirement Code</b>	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
		P2 Ship As Soon As Possible	
		<i>Use only with DTM01 or SCH05 code 996.</i>	
		P4 Do Not Preship	
		<i>Use only when DTM01 or SCH05 is code 064 or 106, or when LDT01 is code AY.</i>	
		SC Ship Complete	
		<i>Use to indicate partial shipments will not be accepted. The absence of this code indicates that partial quantities may be shipped.</i>	
		SI Ship In-Place	
CSH02	306	<b>Action Code</b>	O ID 1/2
		Code indicating type of action	
		B Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 610	
		G Cancel Entire Order/Item	
CSH03	610	<b>Amount</b>	X N2 1/15
		Monetary amount	
		<i>1. Use to identify a maximum total line item amount, that if a contractor would exceed, shall result in the entire line item or balance of the line item that exceeds the maximum amount not being filled.</i>	
		<i>2: When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.</i>	
Not Used	CSH04	508 <b>Account Number</b>	O AN 1/35
		Account number assigned	
Not Used	CSH05	373 <b>Date</b>	O DT 8/8
		Date expressed as CCYYMMDD	
	CSH06	559 <b>Agency Qualifier Code</b>	X ID 2/2
		Code identifying the agency assigning the code values	

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			AX	ANSI Accredited Standards Committee, X12		
	<b>CSH07</b>	<b>560</b>	<b>Special Services Code</b>		<b>X</b>	<b>ID 2/10</b>
			Code identifying the special service			
			<i>Use to identify a special delivery condition.</i>			
			NC	Notify Consignee Before Delivery		
			<i>Use to indicate that the consignee or other shipping contact must be notified in order to schedule a shipment. When used, provide the contact communication number in the 2/PER/400 segment citing code NT, for the shipping instructions contact, or RE, for the shipment scheduling contact, in PER01.</i>			
<b>Not Used</b>	<b>CSH08</b>	<b>566</b>	<b>Product/Service Substitution Code</b>		<b>O</b>	<b>ID 1/2</b>
			Code indicating product or service substitution conditions			
<b>Not Used</b>	<b>CSH09</b>	<b>954</b>	<b>Percent</b>		<b>X</b>	<b>R 1/10</b>
			Percentage expressed as a decimal			
<b>Not Used</b>	<b>CSH10</b>	<b>1004</b>	<b>Percent Qualifier</b>		<b>X</b>	<b>ID 1/2</b>
			Code to qualify percent			

**Segment:** **INC** **Installment Information**  
**Position:** 165  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify installment billing arrangement  
**Syntax Notes:**  
**Semantic Notes:**

- 1 INC02 is the installment period (e.g., months).
- 2 INC03 is the total number of installments.
- 3 INC04 is the number of the current installment.
- 4 INC05 is the installment balance after the current installment is applied.

**Comments:**  
**Notes:**

*1. Use this segment to specify that recurring payments are authorized to be made by the paying office for the line item, and to identify the frequency of the payments, the maximum number of payments and the amount of the recurring payment. If the recurring payments apply to all of the line items, use the 1/INC/145 segment.*

*2. When this segment is used, at least two iterations of the 2/DTM/210 segment are **REQUIRED** with DTM01 citing codes 193 and 194.*

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	INC01	336 <b>Terms Type Code</b>	M ID 2/2
		Code identifying type of payment terms	
		04 Deferred or Installment	
		<i>Use this code to indicate that recurring payments are authorized.</i>	
M	INC02	C001 <b>Composite Unit of Measure</b>	M
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355 <b>Unit or Basis for Measurement Code</b>	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		MO Months	
		Q1 Quarter (Time)	
		YR Years	
Not Used	C00102	1018 <b>Exponent</b>	O R 1/15
		Power to which a unit is raised	
Not Used	C00103	649 <b>Multiplier</b>	O R 1/10
		Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355 <b>Unit or Basis for Measurement Code</b>	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 <b>Exponent</b>	O R 1/15
		Power to which a unit is raised	
Not Used	C00106	649 <b>Multiplier</b>	O R 1/10
		Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355 <b>Unit or Basis for Measurement Code</b>	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 <b>Exponent</b>	O R 1/15
		Power to which a unit is raised	

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Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
M	INC03	380	<b>Quantity</b> Numeric value of quantity	M	R 1/15
<i>Use this data element to specify the maximum number of recurring payments.</i>					
M	INC04	380	<b>Quantity</b> Numeric value of quantity	M	R 1/15
<i>Due to the mandatory nature of this data element, always cite the number 1. The receiving application should disregard the data in this data element.</i>					
	INC05	782	<b>Monetary Amount</b> Monetary amount	O	R 1/18
<i>1. Use this data element to specify the amount of the recurring payment.</i>					
<i>2. The amount shall be the same for each recurring payment but may be prorated based on a shorter period for any recurring payment. The prorated amounts shall be based on the period start/period end dates specified in DTM01 or SCH05 by codes 193/194.</i>					
<i>3. When CUR01 in the 1/CUR/040 or the 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.</i>					

**Segment:** **FOB** F.O.B. Related Instructions

**Position:** 180  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1

**Purpose:** To specify transportation instructions relating to shipment  
**Syntax Notes:**  
 1 If FOB03 is present, then FOB02 is required.  
 2 If FOB04 is present, then FOB05 is required.  
 3 If FOB07 is present, then FOB06 is required.  
 4 If FOB08 is present, then FOB09 is required.

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

**Comments:**  
**Notes:**

1. Use this segment to specify an FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all the line items.

2. This segment is not used when the award instrument is for a service without deliverables or construction.

**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) will be issued.</i>	
		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 to be added as a separate item on this instrument's 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 identify the FOB point.</i>	
		DE Destination (Shipping)	
		FV Free Alongside Vessel (Free On Board [F.O.B.] Point)	
		IT Intermediate FOB Point	
		<i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IF in N101.</i>	
		KE Port of Embarkation	
		<i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of</i>	

			<i>Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>
KL		Port of Loading	
			<i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>
KP		Government Furnished Property FOB Point	
			<i>Use to indicate that the FOB point is for delivery of Government Furnished Property. Provide the address in the N1 loop, citing code 7H in N101.</i>
OA		Origin (After Loading on Equipment)	
			<i>Use to indicate FOB Origin with transportation charges prepaid by the seller and added as a separate item to the invoice. See FAR clause 52.247-32.</i>
OR		Origin (Shipping Point)	
TM		Terminal	
			<i>1. Use to indicate that the FOB point for delivery outside the continental United States is located at a transportation terminal and not at origin or destination. FAR clauses 52.247-38, 52.247-39, or a similar FAR clause may apply.</i>
			<i>2. When used, identify the FOB point in FOB03.</i>
W		Worldwide Geographic Location Code	
			<i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>
ZZ		Mutually Defined	
			<i>Use to indicate an other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>

	<b>FOB03</b>	<b>352</b>	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
			<i>When FOB02 is code TM, use to identify the location of the FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.</i>		
<b>Not Used</b>	<b>FOB04</b>	<b>334</b>	<b>Transportation Terms Qualifier Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the source of the transportation terms		
<b>Not Used</b>	<b>FOB05</b>	<b>335</b>	<b>Transportation Terms Code</b>	<b>X</b>	<b>ID 3/3</b>
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	<b>FOB06</b>	<b>309</b>	<b>Location Qualifier</b>	<b>X</b>	<b>ID 1/2</b>
			Code identifying type of location		
			<i>1. Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>		
			<i>2. When the inspection point differs, use the 2/LM/620 loop to identify the inspection point by coded means (Destination or Source). The 2/N1/350 loop, citing code L1 in N101, may be used to identify the inspection location in N103/N104 or in N1-N4 as a full address.</i>		
			DE Destination (Shipping)		
			OR Origin (Shipping Point)		
			ZZ Mutually Defined		

*1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.*

*2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.*

<b>Not Used</b>	<b>FOB07</b>	<b>352</b>	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
<b>Not Used</b>	<b>FOB08</b>	<b>54</b>	<b>Risk of Loss Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code specifying where responsibility for risk of loss passes		
<b>Not Used</b>	<b>FOB09</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		

**Segment:** **DTM** Date/Time Reference  
**Position:** 210  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

**Notes:**

*1. Use this segment to provide actual dates applicable to the line item. Use the 1/DTM/150 segment when the dates apply to all of the line items.*

*2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/321 loop or the 2/LDT/462 loop if the delivery schedule is applicable to a named entity.*

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		002 Delivery Requested	<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>
		017 Estimated Delivery	
		063 Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064 Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077 Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		106 Required By	<i>Use to indicate delivery is due exactly on the date specified.</i>
		131 Item Contract Effective	<i>Use with code RD8 in DTM05 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM06.</i>
		174 Month Ending	<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>
		193 Period Start	<i>1. Use to indicate the start of a period of performance or lease.</i>  <i>2. When this code is used, there must be another iteration of this segment citing code 194 in DTM01.</i>

194	<p>Period End</p> <p><i>1. Use to indicate the end of a period of performance or lease.</i></p> <p><i>2. When this code is used, there must be another iteration of this segment citing code 193 in DTM01.</i></p>
275	<p>Approved</p> <p><i>Use to indicate the approval date of a Contract Data Requirements List.</i></p>
277	<p>Contract Definition</p> <p><i>Use this code to indicate the date the Undefined Contract Action will be definitized.</i></p>
283	<p>Funds Appropriation - Start</p> <p><i>1. Use this code to indicate the start of a funding period, e.g., for a grant.</i></p> <p><i>2. When this code is used, there must be another iteration of this segment citing code 284 in DTM01.</i></p>
284	<p>Funds Appropriation - End</p> <p><i>1. Use this code to indicate the end of a funding period, e.g., for a grant.</i></p> <p><i>2. When this code is used, there must be another iteration of this segment citing code 283 in DTM01.</i></p>
368	<p>Submittal</p> <p><i>When REF01 is code TN, use to indicate the date of a related transaction set.</i></p>
375	<p>Delivery Start</p> <p><i>1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.</i></p> <p><i>2. When this code is used, there must be another iteration of this segment citing code 376 in DTM01.</i></p>
376	<p>Delivery End</p> <p><i>1. Use to indicate the end date/time for deliveries when the total quantity is to be delivered during a specified time period.</i></p> <p><i>2. When this code is used, there must be another iteration of this segment citing code 375 in DTM01.</i></p>
600	<p>As Of</p> <p><i>Use to indicate the "as of" date for submission of data.</i></p>
601	<p>First Submission</p> <p><i>Use to indicate the date of the first submission of a data item specified by a Contract Data Requirements List.</i></p>
602	<p>Subsequent Submission</p> <p><i>Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.</i></p>
641	<p>Option</p> <p><i>Use with DTM02 to indicate the last date for the exercise of an option or with DTM05/06 to indicate the period during which the option may be exercised.</i></p>
937	<p>Department of Labor Wage Determination Date</p>

				<i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>
	947	Preparation		
				<i>Use to indicate the preparation date of a Contract Data Requirements List.</i>
	994	Quote		
				<i>When REF01 is code PR, use to indicate the date of the quote or offer.</i>
	996	Required Delivery		
				<i>Use to indicate delivery is due on or before the specified date.</i>
<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X</b>	<b>DT 8/8</b>
		Date expressed as CCYYMMDD		
<b>DTM03</b>	<b>337</b>	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
		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>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>		
<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O</b>	<b>ID 2/2</b>
		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		
		<i>Use only when DTM03 is used to express a time.</i>		
		CT Central Time		
		ET Eastern Time		
		GM Greenwich Mean Time		
		LT Local Time		
		MT Mountain Time		
		PT Pacific Time		
<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
		Code indicating the date format, time format, or date and time format		
		<i>Use to qualify the format for a range of dates or times.</i>		
		RD8 Range of Dates Expressed in Format CCYYMMDD-CCYYMMDD		
		RTM Range of Time Expressed in Format HHMM-HHMM		
<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X</b>	<b>AN 1/3</b>
		Expression of a date, a time, or range of dates, times or dates and times		
		<i>When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>		

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 250  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

**Semantic Notes:**

- 1 TD515 is the country where the service is to be performed.

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Notes:** *Use this segment to identify the transportation method that is applicable to a specific line item. If the transportation method applies to all of the line items, use the 1/TD5/240 segment.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Not Used	TD501	133 Routing Sequence Code Code describing the relationship of a carrier to a specific shipment movement	O ID 1/2
	TD502	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 10 Department of Defense Activity Address Code (DODAAC) <i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>	X ID 1/2
	TD503	67 Identification Code Code identifying a party or other code	X AN 2/80
	TD504	91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i> <b>D Parcel Post</b> <i>Use to indicate the U.S. Postal Service and not a private carrier.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	TD505	387 Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X AN 1/35
Not Used	TD506	368 Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X ID 2/2
Not Used	TD507	309 Location Qualifier	O ID 1/2

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Not Used	TD508	310	Code identifying type of location <b>Location Identifier</b>	X	AN 1/30
Not Used	TD509	731	Code which identifies a specific location <b>Transit Direction Code</b>	O	ID 2/2
Not Used	TD510	732	The point of origin and point of direction <b>Transit Time Direction Qualifier</b>	O	ID 2/2
Not Used	TD511	733	Code specifying the value of time used to measure the transit time <b>Transit Time</b>	X	R 1/4
	TD512	284	The numeric amount of transit time <b>Service Level Code</b>	X	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier <i>1. Use any code other than code ZZ.</i> <i>2. When BEG12 is code 34, use to identify the transportation requirements to satisfy the Emergency Requirement.</i>		
Not Used	TD513	284	Refer to 004010 Data Element Dictionary for acceptable code values. <b>Service Level Code</b>	X	ID 2/2
Not Used	TD514	284	Code indicating the level of transportation service or the billing service offered by the transportation carrier <b>Service Level Code</b>	O	ID 2/2
Not Used	TD515	26	Code indicating the level of transportation service or the billing service offered by the transportation carrier <b>Country Code</b>	O	ID 2/3
			Code identifying the country		

**Segment:** **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)

**Position:** 270

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**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.

**Comments:**

**Notes:** *Use this segment to provide special handling or hazardous material information that applies to a specific line item. If the information applies to all of the line items, use the 1/TD4/260 segment.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>TD401</b>	<b>152</b>	<b>Special Handling Code</b> Code specifying special transportation handling instructions <i>Use any code, other than code EMR and ZZZ, but the listed codes are preferred.</i>  <i>AMM A.M. Delivery Requirement</i> <i>DA Dangerous</i> <i>EP Expedite</i> <i>EX Explosive Flammable Gas</i> <i>FG Flammable Gas</i> <i>FL Flammable</i> <i>FP Flammable Poison Gas</i> <i>HM Endorsed as Hazardous Material</i> <i>LT Less Than Full Carload</i> <i>LTT Less Than Truckload</i> <i>NC Notify Consignee before Delivery</i> <i>PG Poisonous Gas</i> <i>PMM P.M. Delivery Requirement</i>	<b>X ID 2/3</b>
		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>TD402</b>	<b>208</b>	<b>Hazardous Material Code Qualifier</b> Code which qualifies the Hazardous Material Class Code (209) <i>Use any code.</i>	<b>X ID 1/1</b>
		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>TD403</b>	<b>209</b>	<b>Hazardous Material Class Code</b> Code specifying the kind of hazard for a material	<b>X AN 1/4</b>
<b>Not Rec.</b>	<b>TD404</b>	<b>352</b> <b>Description</b> A free-form description to clarify the related data elements and their content <i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	<b>X AN 1/80</b>
<b>Not Used</b>	<b>TD405</b>	<b>1073</b> <b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	<b>O ID 1/1</b>

**Segment:** **PCT** Percent Amounts  
**Position:** 276  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To qualify percent amounts and supply percent amounts  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*Use this segment to carry percentages, other than those associated with a pricing arrangement, that apply to a specific line item. Use the 1/PCT/276 segment if the percentages apply to all of the line item.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
		18	Percent of Value	
				<i>Use to indicate the fee or profit percentage based on cost.</i>
		80	Percentage of Time	
				<i>Use to indicate the fee or profit percentage based on hours.</i>
		EF	Escalation Factor	
				<i>Use when CN101 is code FX.</i>
		LM	Limit	
				<i>Use to indicate the percentage of the replacement price above which repair/overhaul of the item identified in the PO1 segment is not cost effective. The replacement price is specified in the 2/CTP/040 segment.</i>
		RG	Progress Payment Rate	
				<i>Use to indicate a Progress Payment Rate other than the customary rate.</i>
		RR	Alternate Progress Payment Liquidation Rate	
M	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	
				<i>Cite 4.25% as .0425; cite 3% as .03 (note: leading and trailing zeros are suppressed).</i>

**Segment:** **MAN** Marks and Numbers  
**Position:** 280  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Syntax Notes:**

- 1 If either MAN04 or MAN05 is present, then the other is required.
- 2 If MAN06 is present, then MAN05 is required.

**Semantic Notes:**

- 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
- 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
- 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**Comments:**

- 1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
- 2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

**Notes:**

1. Use this segment to identify marks and numbers that apply to a specific line item. Use the 1/MAN/270 segment to identify marks and numbers that apply to all the line items.
2. Use to identify such data as MILSTRIP/DLMS/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	MAN01	88 Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	M ID 1/2
M	MAN02	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/48
	MAN03	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48
	MAN04	88 Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) L Line Item Only	X ID 1/2
	MAN05	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/48
	MAN06	87 Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48

**Segment:** **MSG** Message Text  
**Position:** 289  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional (Not Recommended)  
**Max Use:** >1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

**Notes:**

*1. Use to provide any plain text information not associated with a lead time, a clause, or an address.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
M	MSG01	933 Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934 Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	X ID 2/2
Not Used	MSG03	1470 Number A generic number	O N0 1/9

**Segment:** **SPI** Specification Identifier  
**Position:** 290  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a description of the included specification or technical data items  
**Syntax Notes:** 1 If either SPI02 or SPI03 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*Use this segment to identify those elements of the award instrument that are classified and to specify the level of classification.*

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SPI01	786 Security Level Code	M ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the information following	
		<i>Use to specify the level of Government security classification or commercial protection level assigned to the items identified in SPI02/03. If the item has both a Government security classification and a commercial protection level, cite the Government security classification in this data element and cite the commercial protection level in SPI09.</i>	
		06 Supplier Proprietary	
		92 Government Confidential	
		93 Government Secret	
		94 Government Top Secret	
	SPI02	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		<i>1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.</i>	
		<i>2. Use any code other than code ZZ.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	SPI03	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	SPI04	790 Entity Title	O AN 1/132
		Title of the data entity	
		<i>Use only if necessary to further define the item cited in SPI03.</i>	
Not Used	SPI05	791 Entity Purpose	O AN 1/80
		The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	
Not Used	SPI06	792 Entity Status Code	O ID 1/1
		Code indicating the current status of the data item specified by the electronic data item	
Not Used	SPI07	353 Transaction Set Purpose Code	O ID 2/2
		Code identifying purpose of transaction set	
Not Used	SPI08	755 Report Type Code	O ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
	SPI09	786 Security Level Code	O ID 2/2
		Code indicating the level of confidentiality assigned by the sender to the	

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information following

*When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item in SPI03, if applicable.*

			06	Supplier Proprietary	
<b>Not Used</b>	<b>SPI10</b>	<b>559</b>	<b>Agency Qualifier Code</b>		<b>O ID 2/2</b>
			Code identifying the agency assigning the code values		
<b>Not Used</b>	<b>SPI11</b>	<b>822</b>	<b>Source Subqualifier</b>		<b>O AN 1/15</b>
			A reference that indicates the table or text maintained by the Source Qualifier		
<b>Not Used</b>	<b>SPI12</b>	<b>554</b>	<b>Assigned Number</b>		<b>O N0 1/6</b>
			Number assigned for differentiation within a transaction set		
<b>Not Used</b>	<b>SPI13</b>	<b>1322</b>	<b>Certification Type Code</b>		<b>O ID 1/1</b>
			Code indicating the type of certification		
<b>Not Used</b>	<b>SPI14</b>	<b>1401</b>	<b>Proposal Data Detail Identifier Code</b>		<b>O ID 1/3</b>
			Code identifying the basis of a cited value in a proposal		
<b>Not Used</b>	<b>SPI15</b>	<b>1005</b>	<b>Hierarchical Structure Code</b>		<b>O ID 4/4</b>
			Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set		

**Segment:** **TXI Tax Information**  
**Position:** 291  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify tax information  
**Syntax Notes:**

- 1 At least one of TXI02 TXI03 or TXI06 is required.
- 2 If either TXI04 or TXI05 is present, then the other is required.
- 3 If TXI08 is present, then TXI03 is required.

**Semantic Notes:**

- 1 TXI02 is the monetary amount of the tax.
- 2 TXI03 is the tax percent expressed as a decimal.
- 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

**Comments:**  
**Notes:** *Use this segment to identify taxes that apply to individual line item amounts. Use the 1/TXI/285 segment to identify taxes that apply to the entire order amount.*

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	TXI01	963 Tax Type Code	M	ID 2/2
		Code specifying the type of tax		
		<i>Use any code other than code ZZ.</i>		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
	TXI02	782 Monetary Amount	X	R 1/18
		Monetary amount		
		<i>When CUR01 in the 1/CUR/040 or 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.</i>		
	TXI03	954 Percent	X	R 1/10
		Percentage expressed as a decimal		
		<i>Percents will be cited as follows: 4.25% will be cited as .0425; 3% will be cited as .03 (note: leading and trailing zeros are suppressed).</i>		
Not Used	TXI04	955 Tax Jurisdiction Code Qualifier	X	ID 2/2
		Code identifying the source of the data used in tax jurisdiction code		
Not Used	TXI05	956 Tax Jurisdiction Code	X	AN 1/10
		Code identifying the taxing jurisdiction		
	TXI06	441 Tax Exempt Code	X	ID 1/1
		Code identifying exemption status from sales and use tax		
		<i>Use any code.</i>		
		Refer to 004010 Data Element Dictionary for acceptable code values.		
	TXI07	662 Relationship Code	O	ID 1/1
		Code indicating the relationship between entities		
		A Add		
		<i>Use to indicate the tax amount cited in TXI02 is to be added to the total line item amount.</i>		
		D Delete		
		<i>Use to indicate the tax amount cited in TXI02 has been deleted from the total line item amount proposed in the Response to the Solicitation.</i>		
		I Included		

*Use to indicate the tax amount cited in TXI02 is included in the total line item amount.*

<b>TXI08</b>	<b>828</b>	<b>Dollar Basis For Percent</b>	<b>O R 1/9</b>
		Dollar basis to be used in the percent calculation of the allowance, charge or tax	
<b>TXI09</b>	<b>325</b>	<b>Tax Identification Number</b>	<b>O AN 1/20</b>
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	
		<i>When TXI06 is used, provide the purchasing activity's tax exempt number when required by the taxing jurisdiction.</i>	
<b>TXI10</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O AN 1/20</b>
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>1. Use to identify the ACRN, project code, funding code, or accounting code to which a tax is applicable. These codes and their relationship to the financial accounting data they represent are established in the 1/AMT/287 loop.</i>	
		<i>2. Use only when TXI07 is code A.</i>	

**Segment:** **SCH** Line Item Schedule  
**Position:** 295  
**Loop:** SCH Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**  
 1 If SCH03 is present, then SCH04 is required.  
 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.  
 3 If SCH09 is present, then SCH08 is required.  
 4 If SCH10 is present, then SCH08 is required.  
**Semantic Notes:**  
 1 SCH12 is the schedule identification.  
**Comments:**  
 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.  
**Notes:**  
*Use this segment to describe a partial delivery when it can be specified as an actual date and there is only one ship-to address. If there is more than one entity receiving partial shipments, use the 2/SCH/415 segment.*

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	SCH01	380	<b>Quantity</b>	M R 1/15
			Numeric value of quantity	
M	SCH02	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98	<b>Entity Identifier Code</b>	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
Not Used	SCH04	93	<b>Name</b>	X AN 1/60
			Free-form name	
M	SCH05	374	<b>Date/Time Qualifier</b>	M ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077	Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		106	Required By	<i>Use to indicate that deliveries are due exactly on the specified date.</i>
		174	Month Ending	

				<i>When this code is used, cite the last date of the month.</i>
		193	Period Start	
				<i>1. Use to indicate the start of a period of performance or lease.</i>
				<i>2. When this code is used, code 194 must be cited in SCH08.</i>
		358	Cycle Begin	
				<i>When this code is used, code 359 must be cited in SCH08.</i>
		375	Delivery Start	
				<i>1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
				<i>2. When this code is used, code 376 must be cited in SCH08.</i>
		996	Required Delivery	
				<i>Use to indicate that delivery is due on or before the specified date.</i>
M	SCH06	373	<b>Date</b>	M DT 8/8
			Date expressed as CCYYMMDD	
	SCH07	337	<b>Time</b>	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>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
	SCH08	374	<b>Date/Time Qualifier</b>	X ID 3/3
			Code specifying type of date or time, or both date and time	
		063	Do Not Deliver After	
				<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		194	Period End	
				<i>When this code is used, code 193 must be cited in SCH05.</i>
		359	Cycle End	
				<i>When this code is used, code 358 must be cited in SCH05.</i>
		376	Delivery End	
				<i>When this code is used, code 375 must be cited in SCH05.</i>
	SCH09	373	<b>Date</b>	X DT 8/8
			Date expressed as CCYYMMDD	
	SCH10	337	<b>Time</b>	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)	
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
Not Used	SCH11	326	<b>Request Reference Number</b>	O AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with	

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<b>Not Used</b>	<b>SCH12</b>	<b>350</b>	contract number) <b>Assigned Identification</b>	<b>O AN 1/20</b>
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Alphanumeric characters assigned for differentiation within a transaction set

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	305
<b>Loop:</b>	PKG Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	1 PKG04 should be used for industry-specific packaging description codes.
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this segment when packaging requirements apply to specific line items. Use the 1/PKG/220 segment when the packaging requirements apply to all of the line items.</i></li> <li>2. <i>Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; and the gross weight, cube and dimensions of a unit or intermediate container is carried in the 2/PO4/090 segment.</i></li> <li>3. <i>The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.</i></li> <li>4. <i>Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.</i></li> </ol>

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PKG01</b>	<b>349</b>	<b>Item Description Type</b>	<b>X ID 1/1</b>
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
<b>PKG02</b>	<b>753</b>	<b>Packaging Characteristic Code</b>	<b>O ID 1/5</b>
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		IC Intermediate Container	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	

		SMK	Special Marking		
		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
<b>PKG03</b>	<b>559</b>	<b>Agency Qualifier Code</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
		ZZ	Mutually Defined		
			<i>Use to indicate a Federal activity other than DOD or GSA.</i>		
<b>PKG04</b>	<b>754</b>	<b>Packaging Description Code</b>		<b>X</b>	<b>AN 1/7</b>
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<i>1. The actual codes associated with the packaging characteristics codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-1C).</i>			
		<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
<b>PKG05</b>	<b>352</b>	<b>Description</b>		<b>X</b>	<b>AN 1/80</b>
		A free-form description to clarify the related data elements and their content			
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the 2/N9/330 loop, using code KD in N901.</i>			
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying loading or unloading a shipment			
		01	Palletized		
		10	Shrink-wrap		

**Segment:** **LS** Loop Header  
**Position:** 320  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the next segment begins a loop  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LS and LE segments.  
**Notes:** *Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.*

**Data Element Summary**

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

**Segment:** **LDT** Lead Time  
**Position:** 321  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.  
**Notes:**

*1. Use this loop when the delivery schedule is expressed as a set time period after the occurrence of some event, and varies by line item. If the delivery schedule applies to all of the line items, use the 1/LDT/160 segment.*

*2. If this segment is used, the 2/DTM/210 segment is not used to describe a delivery schedule.*

*3. The following are examples of how this LDT loop can be used to specify a delivery schedule:*

*Example 1: Deliver 50 each 180 days after date of order.*

*LDT\*AY\*180\*DA n/l*  
*QTY\*1J\*50\*EA n/l*

*Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.*

*LDT\*AY\*180\*DA n/l*  
*QTY\*1J\*50\*MO n/l*

*Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.*

*LDT\*AY\*90\*DA n/l*  
*QTY\*1J\*2500\*Q1 n/l*  
*QTY\*1K\*4\*Q1 n/l*  
*LDT\*AM\*1\*MO n/l*  
*QTY\*1J\*1000\*MO n/l*  
*QTY\*1K\*10\*MO n/l*  
*LDT\*AK\*1\*MO n/l*  
*QTY\*1J\*500\*EA n/l*

**Data Element Summary**

Ref.	Data			Attributes
Des.	Element	Name		
M	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AD	From date of sample approval to first product shipment
			AE	From date of PO receipt to shipment
			AF	From date of PO receipt to delivery
			AH	From Date of Receipt of First Article to First Article Approval
			AI	From Date of a Specified Event to Delivery
			<i>Use to indicate a lead time for delivery that is based</i>	

				<i>upon the specific event identified in the 2/MSG/323 segment.</i>	
			AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)	
			AK	From Date Of Latest Delivery To Final Delivery	
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery	
			AR	From Date of Award to Government Receipt of Bond	
			AV	From Date of Award to Date of Latest Delivery	
			AW	From Date of Award to Date of Earliest Delivery	
			AX	From Date of Award to Date of Completion	
				<i>Use to indicate the completion date, e.g., for a level of effort.</i>	
			AY	From Date of Award to Date of Delivery	
			AZ	From Date of Receipt of Item to Date of Approval of Item	
				<i>Use this code to indicate the lead time for the approval of an item or the acceptance of an item if different than specified in the Prompt Payment Act.</i>	
			BC	From Date of Award to Commencement of Performance	
			BD	From Date of Award to Date of Option Exercise	
			BE	From Date of Option Exercise to Date of Completion	
			BG	From Date of a Specified Event to Date of Option Exercise	
				<i>Identify the specified event in the 2/MSG/323 segment.</i>	
<b>M</b>	<b>LDT02</b>	<b>380</b>	<b>Quantity</b>		<b>M R 1/15</b>
			Numeric value of quantity		
<b>M</b>	<b>LDT03</b>	<b>344</b>	<b>Unit of Time Period or Interval</b>		<b>M ID 2/2</b>
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			DW	Work Days	
			KK	Maximum Calendar Days	
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
<b>Not Used</b>	<b>LDT04</b>	<b>373</b>	<b>Date</b>		<b>O DT 8/8</b>
			Date expressed as CCYYMMDD		

**Segment:** **QTY** Quantity  
**Position:** 322  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:**

*1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.*

*2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.*

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
M	QTY01	673 Quantity Qualifier	M ID 2/2
		Code specifying the type of quantity	
		1J Due	<i>Use to indicate the quantity to be delivered.</i>
		1K Time Units	<i>Use to indicate the length of the delivery period.</i>
		SA Shipments	<i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>
	QTY02	380 Quantity	X R 1/15
		Numeric value of quantity	
		<i>1. When QTY01 is code 1J, cite the quantity to be delivered.</i>	
		<i>2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.</i>	
	QTY03	C001 Composite Unit of Measure	O
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		DA Days	<i>When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.</i>
		MO Months	

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**Q1 Quarter (Time)**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**WK Week**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**YR Years**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	<b>Free-Form Message</b> Free-form information	X	AN 1/30

**Segment:** **MSG** Message Text  
**Position:** 323  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** *When LDT01 is code AI or BG, use to identify the specified event.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
M	MSG01	933 <b>Free-Form Message Text</b> Free-form message text	M AN 1/264
Not Used	MSG02	934 <b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer	X ID 2/2
Not Used	MSG03	1470 <b>Number</b> A generic number	O N0 1/9

**Segment:** **REF** Reference Identification  
**Position:** 324  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
			IZ Financial Detail Code	
			ACT Accounting Code	
			AT Appropriation Number	
			<i>When used, cite the number in REF03.</i>	
			AX Government Accounting Class Reference Number (ACRN)	
			BL Government Bill of Lading	
			FU Fund Code	
			IL Internal Order Number	
			<i>Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP document) number.</i>	
			P4 Project Code	
			TG Transportation Control Number (TCN)	
			TH Transportation Account Code (TAC)	
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
			<i>When REF01 is code AT, use to identify the appropriation number.</i>	
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>X</b>	<b>ID 2/3</b>
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X</b>	<b>AN 1/30</b>

**Segment:** **LM** Code Source Information  
**Position:** 325  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:** *Use this loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a Contract Data Requirements List (CDRL) data item.*

**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
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

**Segment:** LQ Industry Code  
**Position:** 326  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

**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	
		FX Frequency	
		<i>Use to indicate the delivery frequency code for a data item deliverable on a Contract Data Requirements List.</i>	
LQ02	1271	Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

**Segment:** **LE** Loop Trailer  
**Position:** 327  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate that the loop immediately preceding this segment is complete  
**Syntax Notes:**  
**Semantic Notes:** 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.  
**Comments:** 1 See Figures Appendix for an explanation of the use of the LE and LS segments.  
**Notes:** *Use this segment only if the 2/LDT/321 loop is used. Use of this segment will prevent collision between segments.*

**Data Element Summary**

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

**Segment:** **N9 Reference Identification**  
**Position:** 330  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

**Comments:**  
**Notes:**

1. *Use this loop to identify various clauses (e.g., FAR, DFARS, GSARS, VAARS, Agency, or other clauses), OMB Circular, special instructions, or other references that are applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/295 loop.*
2. *When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment.*
3. *When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.*

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N901	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
	5N	Citation of Statute	<i>Use to indicate the legislative authorization under which the line item is awarded. Cite the legislative program title in N903.</i>
	73	Statement of Work (SOW)	<i>If a Statement of Work is part of the award, the 2/PWK/070 segment can be used to identify how it is being provided.</i>
	ADA	Agency for International Development Acquisition Regulation (AIDAR)	
	CJ	Clause Number	<i>1. Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i> <i>2. DO NOT use for a purchasing activity payment related clause. Use code H5 in that instance.</i>
	DF	Defense Federal Acquisition Regulations (DFAR)	<i>If the DFARS clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</i>
	DHH	Department of Health and Human Services Acquisition Regulation (HHSAR)	
	DOA	Department of Agriculture Acquisition Regulation (AGAR)	
	DOC	Department of Commerce Acquisition Regulation (CAR)	

DOE	Department of Energy Acquisition Regulation (DEAR)
DOI	Department of Interior Acquisition Regulation (DIAR)
DOJ	Department of Justice Acquisition Regulation (JAR)
DOL	Department of Labor Acquisition Regulation (DOLAR)
DOS	Department of State Acquisition Regulation (DOSAR)
DOT	Department of Transportation Acquisition Regulation (TAR)
DTS	Department of the Treasury Acquisition/Procurement Regulation (TAPR)
DX	Department/Agency Number
	<b>1. Use to indicate an Agency clause and identify the agency in N903.</b>
	<b>2. DO NOT use for an Agency payment related clause. Use code H5 in that instance.</b>
EC	Circular
	<b>Use to indicate an Office of Management and Budget (OMB) circular number.</b>
EDA	Department of Education Acquisition Regulation (EDAR)
EPA	Environmental Protection Agency Acquisition Regulation (EPAAR)
FA	Federal Acquisition Regulations (FAR)
	<b>If the FAR clause has a Modification, Variation or Deviation, identify that condition in N903 and provide the full clause text in the following MSG segment.</b>
GS	General Services Administration Regulations (GSAR)
H5	Special Clause
	<b>Use this code only to indicate local, purchasing activity or agency payment related information. DO NOT use for a FAR or DFARS payment related clause. Use either code FA or DF in that instance.</b>
HT	Code of Federal Regulations
HUD	Department of Housing and Urban Development Acquisition Regulation (HUDAR)
K7	Paragraph Number
	<b>1. Use to provide information for a contractor. Cite an applicable number in N902 and provide the information in the following MSG segment.</b>
	<b>2. DO NOT use for payment related information. Use code H5 for that purpose.</b>
KD	Special Instructions Number
	<b>1. Use to indicate a special instruction. Indicate the agency, or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.</b>
	<b>2. DO NOT use for payment related special instructions. Use code H5 for that purpose.</b>
KY	Site Specific Procedures, Terms, and Conditions
	<b>DO NOT use for payment related terms and conditions. Use code H5 for that purpose.</b>
KZ	Master Solicitation Procedures, Terms, and Conditions

*1. Use to indicate the Master Solicitation number that contains applicable terms and conditions.*

*2. DO NOT use for payment related terms and conditions. Use code H5 for that purpose.*

NAS National Aeronautics and Space Administration FAR Supplement (NFS)  
 VB Department of Veterans Affairs Acquisition Regulations (VAAR)  
 XY Other Unlisted Type of Reference Number

*Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.*

**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

*1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.*

*2. When N901 is code XY, use to identify the source of the reference and use the following MSG segment for text, if necessary.*

*3. When N901 is code DF or FA and the clause has a Modification, Variation, or Deviation, identify that condition by citing "VAR" for Modification and Variations, and "DEV" for Deviation.*

*4. Use also to carry additional information related to the reference cited in N901.*

*5. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.*

**N904 373 Date O DT 8/8**  
 Date expressed as CCYYMMDD

*Use to identify the date of the clause cited in N902. The DD (day) portion of the date is always 01.*

**Not Used N905 337 Time X TM 4/8**  
 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

**Not Used N906 623 Time Code O ID 2/2**  
 Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

**Not Used N907 C040 Reference Identifier O**  
 To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

**Not Used C04001 128 Reference Identification Qualifier M ID 2/3**  
 Code qualifying the Reference Identification

**Not Used C04002 127 Reference Identification M AN 1/30**  
 Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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<b>Not Used</b>	<b>C04003</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>X</b>	<b>ID 2/3</b>
<b>Not Used</b>	<b>C04004</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X</b>	<b>AN 1/30</b>
<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>X</b>	<b>ID 2/3</b>
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X</b>	<b>AN 1/30</b>

**Segment:** **MSG** Message Text  
**Position:** 340  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

**Notes:**

1. *Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.*
2. *This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.*
3. *When providing fill-in information, the following format is recommended:*
  - a) *In the first iteration of the segment, cite the clause title, and the clause alternate identifier with date if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.*
  - b) *For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.*
4. *The purpose of the pipe sign (|) is to provide an indication to receiving applications that the data string related to a single entry has been completed.*

*An example of a clause with 3 fill-ins follows:*

*MSG\*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)|3|*  
*MSG\*1. 30|*  
*MSG\*2. 30 Sep 1995|*
5. *An example alternative format provides all fill-in information within the title MSG segment as follows:*

*MSG\*Commencement, Prosecution, and Completion of Work Alternate I|3|30|Sep 30, 1995|Jan 15, 1995|*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
M	MSG01	933 Free-Form Message Text	M AN 1/264
		Free-form message text	
Not Used	MSG02	934 Printer Carriage Control Code	X ID 2/2
		A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	1470 Number	O N0 1/9
004010F850_2			26 December 2002

A generic number

**Segment:** **N1** Name  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:**  
 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**  
**Comments:**  
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.  
 2 N105 and N106 further define the type of entity in N101.

**Notes:**  
 1. *Use the loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items.*  
 2. *Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when the address cannot be provided using one of the codes listed in N103.*  
 3. *When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.*

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		28 Subcontractor	
			<i>This code may be used to identify the vendor who is providing the item or service identified in the 2/PO1/010 segment and who is authorized to bill and be paid for the item or service.</i>
		31 Postal Mailing Address	
			<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>
		56 Servicing Dealer	
			<i>Use to indicate a dealer who services a product. This is the location to obtain service, such as a repair.</i>
		61 Performed At	
			<i>Use to indicate additional places of performance for this line item when other than the address identified with code SE or FA in the 1/N1/310 segment.</i>
		7D Contracting Officer Representative	
		7G Hazardous Material Office	
			<i>Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.</i>
		7H Government Furnished Property FOB Point	

7L	Preliminary Inspection Location <i>Use to indicate the inspection location for a first article.</i>
7M	Inspection and Acceptance Location <i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
7P	Transportation Office
88	Approver <i>Use to indicate the party approving a Contract Data Requirements List.</i>
9P	Investigator <i>Use to indicate the principal Grant Investigator's organization if other than the selling party.</i>
AE	Additional Delivery Address <i>Use to indicate a shipment in-place location.</i>
AF	Authorized Accepting Official <i>Use this code to identify the organization that is authorized to accept the goods or services. When used, N103 must cite code 1, 9 or 10.</i>
BT	Bill-to-Party <i>Use to indicate the party who will provide reimbursement for the payment of a contractor's invoice. This is an internal government billed party and not the party the contractor bills. Use is discouraged. Use only when the contractor or other party receiving the order or a copy of the order, needs to receive this information.</i>
CY	Country <i>Use to indicate the country to which a Foreign Military Sale applies.</i>
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
FA	Facility <i>Use to indicate the principal place of performance when other than the address identified with code SE in the 1/N1/310 segment.</i>
HMI	Material Safety Data Sheet (MSDS) Recipient <i>Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.</i>
IF	International Freight Forwarder <i>Use in conjunction with the 2/FOB/180 segment, FOB02 code IT.</i>
IS	Party to Receive Certified Inspection Report
KF	Audit Office
KG	Project Manager <i>Use to indicate the Government organization responsible for a project to include the advisor under a Grant.</i>
KX	Free on Board Point <i>When FOB02 is code KE, KL, or ZZ, use to specify the</i>

	<b>other FOB point.</b>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.</i>
KZ	Acceptance Location <i>Use when the acceptance point is other than at origin or destination.</i>
L1	Inspection Location <i>Use to indicate the inspection location when it has to be described as an address which is neither origin nor destination.</i>
OI	Outside Inspection Agency <i>Use to indicate the inspection activity is other than the Contract Administration Office.</i>
PI	Preparer <i>Use to indicate the preparer of a Contract Data Requirements List.</i>
PA	Party to Receive Inspection Report
PC	Party to Receive Cert. of Conformance (C.A.A.)
PN	Party to Receive Shipping Notice
PO	Party to Receive Invoice for Goods or Services <i>Use to indicate where the invoice should be mailed.</i>
PP	Property <i>Use this code to indicate the Government Property Office.</i>
PR	Payer <i>Use to indicate the paying office.</i>
PW	Pick Up Address
R6	Requester <i>Use to indicate the requesting agency/activity.</i>
RI	Remit To <i>Use to indicate the place to send payment if it is different from the contractor's address, e.g., a bank, financial office location, etc.</i>
SM	Party to Receive Shipping Manifest
ST	Ship To <i>If the address is an FPO or APO, use the appropriate code in N101, cite FPO or APO in N102 and in N401, cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N402, and cite the zip code in N403.</i>
SV	Service Performance Site <i>Use to indicate the location where a service, e.g., grass cutting, is to be performed.</i>
TS	Party to Receive Certified Test Results
VN	Vendor <i>When BEG02 is code KA, KB, KD, KE, KI, KQ, or KR, this code may be used to identify the vendor who is providing the item or service identified in the 2/PO1/010 segment. This code may be used in those instances when an award is made to a consortium but</i>

				<i>the item or service is provided by a member of the consortium.</i>	
			X2	Party to Perform Packaging	
			Z4	Owning Inventory Control Point	
			Z7	Mark-for Party	
			ZD	Party to Receive Reports	
<b>Not Rec.</b>	<b>N102</b>	<b>93</b>	<b>Name</b>		<b>X AN 1/60</b>
			Free-form name		
<b>Rec</b>	<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b>		<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
				<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
			10	Department of Defense Activity Address Code (DODAAC)	
				<i>Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.</i>	
			33	Commercial and Government Entity (CAGE)	
			38	Country Code	
				<i>Use in conjunction with N101 code CY and cite the 2 position ISO 3166 country code in N104.</i>	
			A2	Military Assistance Program Address Code (MAPAC)	
<b>Rec</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b>		<b>X AN 2/80</b>
			Code identifying a party or other code		
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>		<b>O ID 2/2</b>
			Code describing entity relationship		
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>		<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual		

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**Segment:** N2 Additional Name Information  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

**Data Element Summary**

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

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**Segment:** N3 Address Information  
**Position:** 370  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	<u>Ref.</u>	<u>Data</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

<b>Segment:</b>	<b>N4 Geographic Location</b>
<b>Position:</b>	380
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the geographic place of the named party
<b>Syntax Notes:</b>	1 If N406 is present, then N405 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the U.S. or Canada.
<b>Notes:</b>	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
N401	19	City Name	O AN 2/30
		Free-form text for city name	
		<i>When the address is a military overseas post office cite APO or FPO as appropriate to identify an Army Post Office (APO) or Fleet Post Office (FPO).</i>	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		<i>Use codes AA (Armed Forces Americas), AE (Armed Forces Europe), or AP (Armed Forces Pacific) as appropriate for the military overseas post office.</i>	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
		<i>Cite the two position ISO 3166 country code.</i>	
Not Used	N405	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
Not Used	N406	310 Location Identifier	O AN 1/30
		Code which identifies a specific location	

**Segment:** QTY Quantity  
**Position:** 383  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:**

*When N101 is code ST and the contract deliverable is data, a report, or similar intangible product that is to be distributed, use this segment to identify the quantity of regular, draft or reproducible copies required.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		52	Number of Originals	
			<i>Use to indicate regular copies.</i>	
		K6	Drafts	
		KF	Duplicates	
			<i>Use to indicate reproducible copies.</i>	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	QTY03	C001	Composite Unit of Measure	O
			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

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			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>Not Used</b>	<b>C00111</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00112</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00113</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>Not Used</b>	<b>C00114</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00115</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>QTY04</b>	<b>61</b>	<b>Free-Form Message</b>	<b>X AN 1/30</b>
			Free-form information	

**Segment:** **REF** Reference Identification  
**Position:** 390  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *Use this segment to identify reference numbers applicable to a ship-to location, i.e., when N101 is code ST. The number cited can be a reference number or a code used in place of financial accounting data, e.g., an ACRN, fund code, etc.; a transportation control number; a GBL number; a requisition number; or the financial accounting number.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IZ Financial Detail Code ACT Accounting Code AT Appropriation Number <i>When used, cite the number in REF03.</i> AX Government Accounting Class Reference Number (ACRN) BL Government Bill of Lading FU Fund Code IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP document) number.</i> P4 Project Code TG Transportation Control Number (TCN) TH Transportation Account Code (TAC) XE Transportation Priority Number	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b>	X ID 2/3

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Not Used	C04004	127	Code qualifying the Reference Identification <b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	<b>Reference Identification</b>	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:** 400  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

*Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AV Advisor	<i>Use in conjunction with N101 code KG to indicate the Government technical representative who will work with the contractor on basic R&amp;D efforts in a particular science area.</i>
		CD Contract Contact	<i>Use in conjunction with N101 code 7D to indicate the Contracting Officer's Representative.</i>
		HM Hazardous Material Contact	<i>Use in conjunction with N101 code 7G.</i>
		IC Information Contact	<i>Use with an applicable N101 code to indicate an information point of contact when no other code applies.</i>
		KC Accepting Official	<i>Use in conjunction with N101 code ST to indicate the accepting official at destination.</i>
		NT Notification Contact	<i>Use in conjunction with N101 code ST and CSH07 in the 2/CSH/142 segment cites code NC, to indicate the party to be contacted for shipping instructions.</i>
		PP Program Manager	<i>1. Includes Grants Project Officer</i> <i>2. Use in conjunction with N101 code KG.</i>
		RE Receiving Contact	<i>Use in conjunction with N101 code ST and CSH07 in the 2/CSH/142 segment cites code NC, to indicate the party to be contacted for to schedule a shipment.</i>
	PER02	93 Name	O AN 1/60
		Free-form name	<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>

<b>PER03</b>	<b>365</b>	<p><b>Communication Number Qualifier</b> <span style="float: right;"><b>X ID 2/2</b></span></p> <p>Code identifying the type of communication number</p> <table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">AU</td> <td>Defense Switched Network</td> </tr> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>IT</td> <td>International Telephone</td> </tr> <tr> <td></td> <td><i>Include the country code.</i></td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> <tr> <td></td> <td><i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i></td> </tr> </table>	AU	Defense Switched Network	EM	Electronic Mail	FX	Facsimile	IT	International Telephone		<i>Include the country code.</i>	TE	Telephone		<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
AU	Defense Switched Network															
EM	Electronic Mail															
FX	Facsimile															
IT	International Telephone															
	<i>Include the country code.</i>															
TE	Telephone															
	<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>															
<b>PER04</b>	<b>364</b>	<p><b>Communication Number</b> <span style="float: right;"><b>X AN 1/80</b></span></p> <p>Complete communications number including country or area code when applicable</p> <p><i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i></p>														
<b>PER05</b>	<b>365</b>	<p><b>Communication Number Qualifier</b> <span style="float: right;"><b>X ID 2/2</b></span></p> <p>Code identifying the type of communication number</p> <p><i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">AU</td> <td>Defense Switched Network</td> </tr> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>IT</td> <td>International Telephone</td> </tr> <tr> <td></td> <td><i>Include the country code.</i></td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> <tr> <td></td> <td><i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i></td> </tr> </table>	AU	Defense Switched Network	EM	Electronic Mail	FX	Facsimile	IT	International Telephone		<i>Include the country code.</i>	TE	Telephone		<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
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EM	Electronic Mail															
FX	Facsimile															
IT	International Telephone															
	<i>Include the country code.</i>															
TE	Telephone															
	<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>															
<b>PER06</b>	<b>364</b>	<p><b>Communication Number</b> <span style="float: right;"><b>X AN 1/80</b></span></p> <p>Complete communications number including country or area code when applicable</p> <p><i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. If an extension applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.</i></p>														
<b>PER07</b>	<b>365</b>	<p><b>Communication Number Qualifier</b> <span style="float: right;"><b>X ID 2/2</b></span></p> <p>Code identifying the type of communication number</p> <p><i>Use to identify a third communications number for the party cited in PER02.</i></p> <table border="0" style="width: 100%;"> <tr> <td style="padding-right: 20px;">AU</td> <td>Defense Switched Network</td> </tr> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>IT</td> <td>International Telephone</td> </tr> <tr> <td></td> <td><i>Include the country code.</i></td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> <tr> <td></td> <td><i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i></td> </tr> </table>	AU	Defense Switched Network	EM	Electronic Mail	FX	Facsimile	IT	International Telephone		<i>Include the country code.</i>	TE	Telephone		<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
AU	Defense Switched Network															
EM	Electronic Mail															
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IT	International Telephone															
	<i>Include the country code.</i>															
TE	Telephone															
	<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>															
<b>PER08</b>	<b>364</b>	<p><b>Communication Number</b> <span style="float: right;"><b>X AN 1/80</b></span></p> <p>Complete communications number including country or area code when applicable</p> <p><i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters. If an extension</i></p>														

<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
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Additional reference number or description to clarify a contact number

*applies to the telephone number, concatenate the letter X plus the extension at the end of the number, e.g., 17035551212X123.*

*Use, if necessary, to provide the title or office symbol of the party cited in PER02.*

**Segment:** **SCH** Line Item Schedule  
**Position:** 415  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To specify the data for scheduling a specific line-item  
**Syntax Notes:**

- 1 If SCH03 is present, then SCH04 is required.
- 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
- 3 If SCH09 is present, then SCH08 is required.
- 4 If SCH10 is present, then SCH08 is required.

**Semantic Notes:**

- 1 SCH12 is the schedule identification.

**Comments:**

- 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

**Notes:** *Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.*

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	SCH01	380	<b>Quantity</b>	M R 1/15
			Numeric value of quantity	
M	SCH02	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98	<b>Entity Identifier Code</b>	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
Not Used	SCH04	93	<b>Name</b>	X AN 1/60
			Free-form name	
M	SCH05	374	<b>Date/Time Qualifier</b>	M ID 3/3
			Code specifying type of date or time, or both date and time	
		002	Delivery Requested	<i>Use when the delivery date of the order does not conform to the basic IDC instrument.</i>
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate that deliveries cannot be made before a specified date and/or time.</i>
		077	Requested for Delivery (Week of)	<i>When this code is used, cite the beginning day of the week.</i>
		106	Required By	<i>Use to indicate that deliveries are due exactly on the specified date.</i>
		174	Month Ending	<i>Use to indicate delivery is required within the specified</i>

				193	month. In DTM02, identify the month and cite the last calendar day of the month. Period Start	
					<i>1. Use to indicate the start of a period of performance or lease.</i>	
					<i>2. When this code is used, code 194 must be cited in SCH08.</i>	
				358	Cycle Begin	
					<i>When this code is used, code 359 must be cited in SCH08.</i>	
				375	Delivery Start	
					<i>1. Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>	
					<i>2. When this code is used, code 376 must be cited in SCH08.</i>	
				996	Required Delivery	
					<i>Use to indicate that delivery is due on or before the specified date.</i>	
M	SCH06	373	Date			M DT 8/8
					Date expressed as CCYYMMDD	
	SCH07	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>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
	SCH08	374	Date/Time Qualifier			X ID 3/3
					Code specifying type of date or time, or both date and time	
				063	Do Not Deliver After	
					<i>Use to indicate that deliveries cannot be made after a specified date and/or time.</i>	
				194	Period End	
					<i>When this code is used, code 193 must be cited in SCH05.</i>	
				359	Cycle End	
					<i>When this code is used, code 358 must be cited in SCH05.</i>	
				376	Delivery End	
					<i>When this code is used, code 375 must be cited in SCH05.</i>	
	SCH09	373	Date			X DT 8/8
					Date expressed as CCYYMMDD	
	SCH10	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)	
					<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
Not Used	SCH11	326	Request Reference Number			O AN 1/45
					Reference number or RFQ number to use to identify a particular transaction set	

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<b>Not Used</b>	<b>SCH12</b>	<b>350</b>	and query (additional reference number or description which can be used with contract number)	<b>O AN 1/20</b>
			<b>Assigned Identification</b>	
			Alphanumeric characters assigned for differentiation within a transaction set	

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 430  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

**Semantic Notes:**

- 1 TD515 is the country where the service is to be performed.

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Notes:** *Use this segment to identify the transportation method applicable to a named entity for a specific line item.*

**Data Element Summary**

Ref.	Data Element	Name	Attributes
Not Used	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		10 Department of Defense Activity Address Code (DODAAC)	
		<i>When TD504 is code PL, use to indicate the number in TD503 is the DoDAAC of the pipeline.</i>	
	TD503	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to ASC X12 codes.</i>	
		<b>D Parcel Post</b>	
		<i>Use to indicate the U.S. Postal Service and not a private carrier.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368 Shipment/Order Status Code	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309 Location Qualifier	O ID 1/2
		Code identifying type of location	

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Not Used	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X	AN 1/30
Not Used	TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction	O	ID 2/2
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time	O	ID 2/2
Not Used	TD511	733	<b>Transit Time</b> The numeric amount of transit time	X	R 1/4
	TD512	284	<b>Service Level Code</b> Code indicating the level of transportation service or the billing service offered by the transportation carrier <i>1. Use any code other than code ZZ.</i> <i>2. When BEG12 is code 34, use to identify the transportation requirements to satisfy the Emergency Requirement.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
Not Used	TD513	284	<b>Service Level Code</b> Code indicating the level of transportation service or the billing service offered by the transportation carrier	X	ID 2/2
Not Used	TD514	284	<b>Service Level Code</b> Code indicating the level of transportation service or the billing service offered by the transportation carrier	O	ID 2/2
Not Used	TD515	26	<b>Country Code</b> Code identifying the country	O	ID 2/3

**Segment:** **TD4** Carrier Details (Special Handling or Hazardous Materials or Both)

**Position:** 450

**Loop:** N1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**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.

**Comments:**

**Notes:** *Use this segment when the special handling or hazardous material information is applicable to a named entity for a specific line item.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	<b>Special Handling Code</b>	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Use any code, other than code EMR and ZZZ, but the listed codes are preferred.</i>	
		<i>AMM A.M. Delivery Requirement</i>	
		<i>DA Dangerous</i>	
		<i>EP Expedite</i>	
		<i>EX Explosive Flammable Gas</i>	
		<i>FG Flammable Gas</i>	
		<i>FL Flammable</i>	
		<i>FP Flammable Poison Gas</i>	
		<i>HM Endorsed as Hazardous Material</i>	
		<i>LT Less Than Full Carload</i>	
		<i>LTT Less Than Truckload</i>	
		<i>NC Notify Consignee before Delivery</i>	
		<i>PG Poisonous Gas</i>	
		<i>PMM P.M. Delivery Requirement</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
TD402	208	<b>Hazardous Material Code Qualifier</b>	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
TD403	209	<b>Hazardous Material Class Code</b>	X AN 1/4
		Code specifying the kind of hazard for a material	
Not Rec.	TD404	352	<b>Description</b> X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
Not Used	TD405	1073	<b>Yes/No Condition or Response Code</b> O ID 1/1
		Code indicating a Yes or No condition or response	

**Segment:** **PKG** Marking, Packaging, Loading  
**Position:** 460  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 200  
**Purpose:** To describe marking, packaging, loading, and unloading requirements  
**Syntax Notes:**

- 1 At least one of PKG04 PKG05 or PKG06 is required.
- 2 If PKG04 is present, then PKG03 is required.
- 3 If PKG05 is present, then PKG01 is required.

**Semantic Notes:**

- 1 PKG04 should be used for industry-specific packaging description codes.

**Comments:**

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

**Notes:**

1. *Use this segment to identify packaging requirements applicable to a named entity for a specific line item.*
2. *Packaging information such as the number of items in a unit container; the number of unit containers in an intermediate container; and the gross weight, cube and dimensions of a unit or intermediate container is carried in the 2/PO4/090 segment.*
3. *The use of MILSTD 2073-1C codes to identify packaging requirements for items in this award instrument are primarily for items that are expected to enter the military distribution system. Commercial packaging is expected to be used to the maximum extent possible for all other items.*
4. *Commercial packaging requirements are specified by the use of PKG02 code PK, PKG03 code DF, and citing the corresponding code U in PKG04.*

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify the applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	
		IC Intermediate Container	
		OPI Optional Procedure Indicator	
		PK Packing	
		<i>To specify commercial packaging, cite code DF in PKG03 and code U in PKG04.</i>	
		PM Preservation Method	
		PML Preservation Material	

		SMK	Special Marking		
		UC	Unit Container		
		UCL	Unit Container Level		
		WM	Wrapping Material		
<b>PKG03</b>	<b>559</b>	<b>Agency Qualifier Code</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying the agency assigning the code values			
		DF	Department of Defense (DoD)		
		GS	General Services Administration (GSA)		
		ZZ	Mutually Defined		
			<i>Use to indicate a Federal activity other than DOD or GSA.</i>		
<b>PKG04</b>	<b>754</b>	<b>Packaging Description Code</b>		<b>X</b>	<b>AN 1/7</b>
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product			
		<i>1. The actual codes associated with the packaging characteristics codes cited in PKG02 can be found in Code Source List 197 (MIL-STD 2073-1C).</i>			
		<i>2. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.</i>			
<b>PKG05</b>	<b>352</b>	<b>Description</b>		<b>X</b>	<b>AN 1/80</b>
		A free-form description to clarify the related data elements and their content			
		<i>1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the 2/N9/330 loop, using code KD in N901.</i>			
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>			
<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>		<b>X</b>	<b>ID 2/2</b>
		Code identifying loading or unloading a shipment			
		01	Palletized		
		10	Shrink-wrap		

**Segment:** **LDT** Lead Time  
**Position:** 462  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify lead time for availability of products and services  
**Syntax Notes:**  
**Semantic Notes:** 1 LDT04 is the effective date of lead time information.  
**Comments:** 1 LDT02 is the quantity of unit of time periods.  
**Notes:**

*1. Use this loop if the delivery schedule is expressed as a set time period after the occurrence of some event, and the ship-to address differs by line item. If the delivery schedule is the same for all the ship-to addressees for the line item, use the 2/LDT/321 loop.*

*2. The following are examples of how this LDT loop can be used to specify a delivery schedule:*

*Example 1: Deliver 50 each 180 days after date of order.*

*LDT\*AY\*180\*DA n/l*  
*QTY\*1J\*50\*EA n/l*

*Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.*

*LDT\*AY\*180\*DA n/l*  
*QTY\*1J\*50\*MO n/l*

*Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is complete.*

*LDT\*AY\*90\*DA n/l*  
*QTY\*1J\*2500\*Q1 n/l*  
*QTY\*1K\*4\*Q1 n/l*  
*LDT\*AM\*1\*MO n/l*  
*QTY\*1J\*1000\*MO n/l*  
*QTY\*1K\*10\*MO n/l*  
*LDT\*AK\*1\*MO n/l*  
*QTY\*1J\*500\*EA n/l*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345 Lead Time Code	M ID 2/2
		Code indicating the time range	
		AD	From date of sample approval to first product shipment
		AH	From Date of Receipt of First Article to First Article Approval
		AI	From Date of a Specified Event to Delivery
		AJ	From Date of First Delivery to Date of Subsequent

*When this code is used, identify the specified event in the 2/MSG/468 segment. If the specified event is the scheduling of a shipment or the requesting of shipping instructions, cite the contact communications number in the 2/PER/400 segment.*

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				Delivery(ies)	
			AK	From Date Of Latest Delivery To Final Delivery	
			AM	From Date Of Previous Delivery To Date Of Subsequent Delivery	
			AV	From Date of Award to Date of Latest Delivery	
			AW	From Date of Award to Date of Earliest Delivery	
			AX	From Date of Award to Date of Completion	
				<i>Use to indicate the completion date, e.g., for a level of effort.</i>	
			AY	From Date of Award to Date of Delivery	
			AZ	From Date of Receipt of Item to Date of Approval of Item	
				<i>Use this code to indicate the lead time for the approval of an item or the acceptance of an item if different than specified in the Prompt Payment Act.</i>	
			BC	From Date of Award to Commencement of Performance	
			BD	From Date of Award to Date of Option Exercise	
			BE	From Date of Option Exercise to Date of Completion	
			BG	From Date of a Specified Event to Date of Option Exercise	
				<i>Identify the specified event in the 2/MSG/468 segment</i>	
M	LDT02	380	<b>Quantity</b>		M R 1/15
			Numeric value of quantity		
M	LDT03	344	<b>Unit of Time Period or Interval</b>		M ID 2/2
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			DW	Work Days	
			KK	Maximum Calendar Days	
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO	Month	
			QY	Quarter of a Year	
			SA	Semiannual	
			WK	Weeks	
Not Used	LDT04	373	<b>Date</b>		O DT 8/8
			Date expressed as CCYYMMDD		

<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	464
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this segment to identify marks and numbers associated with a ship-to addressee.</li> <li>2. Use to identify such data as MILSTRIP/DLMS/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.</li> </ol>

## Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
M	MAN01	88	Marks and Numbers Qualifier	M ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
M	MAN02	87	Marks and Numbers	M AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN03	87	Marks and Numbers	O AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN04	88	Marks and Numbers Qualifier	X ID 1/2
			Code specifying the application or source of Marks and Numbers (87)	
			L Line Item Only	
	MAN05	87	Marks and Numbers	X AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	
	MAN06	87	Marks and Numbers	O AN 1/48
			Marks and numbers used to identify a shipment or parts of a shipment	

**Segment:** QTY Quantity  
**Position:** 466  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:**

**1. Use this segment to specify the quantity of an item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.**  
  
**2. Use also, to indicate the length of the delivery period, e.g., 4 quarters or the number of shipments.**

**Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
M	QTY01	673 Quantity Qualifier	M ID 2/2
		Code specifying the type of quantity	
		1J Due	<i>Use to indicate the quantity to be delivered.</i>
		1K Time Units	<i>Use to indicate the length of the delivery period.</i>
		52 Number of Originals	<i>Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.</i>
		K6 Drafts	<i>Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.</i>
		KF Duplicates	<i>Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements list that are to be delivered.</i>
		SA Shipments	<i>Use to indicate the number of shipments expected to complete the deliverable quantity.</i>
	QTY02	380 Quantity	X R 1/15
		Numeric value of quantity	
		1. When QTY01 is code 1J, cite the quantity to be delivered.	
		2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03 identify the time measurement of the delivery period, e.g., months.	
	QTY03	C001 Composite Unit of Measure	O
		To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355 Unit or Basis for Measurement Code	M ID 2/2

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

*1. Use any code other than code ZZ.*

*2. An application program conversion table may be required to convert agency codes to ASC X12 codes.*

**DA Days**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**MO Months**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**Q1 Quarter (Time)**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**WK Week**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

**YR Years**

*When QTY01 is code 1J, use to indicate frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in	O	ID 2/2

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<b>Not Used</b>	<b>C00114</b>	<b>1018</b>	which a measurement has been taken <b>Exponent</b>	<b>O</b>	<b>R 1/15</b>
<b>Not Used</b>	<b>C00115</b>	<b>649</b>	Power to which a unit is raised <b>Multiplier</b>	<b>O</b>	<b>R 1/10</b>
<b>Not Used</b>	<b>QTY04</b>	<b>61</b>	Value to be used as a multiplier to obtain a new value <b>Free-Form Message</b> Free-form information	<b>X</b>	<b>AN 1/30</b>

**Segment:** **MSG** Message Text  
**Position:** 468  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** *When LDT01 is code AI or BG, use to identify the specified event.*

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	<b>Free-Form Message Text</b> Free-form message text	M AN 1/264
Not Used	MSG02	934	<b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer	X ID 2/2
Not Used	MSG03	1470	<b>Number</b> A generic number	O N0 1/9

**Segment:** **REF** Reference Identification  
**Position:** 469  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *Use this segment to identify reference numbers applicable to a delivery, e.g., a requisition number, an ACRN, a GBL, etc.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IZ Financial Detail Code ACT Accounting Code AT Appropriation Number <i>When used, cite the number in REF03.</i> AX Government Accounting Class Reference Number (ACRN) BL Government Bill of Lading FU Fund Code IL Internal Order Number <i>Use to indicate the requisition (MILSTRIP/DLMS/FEDSTRIP document) number.</i> P4 Project Code TG Transportation Control Number (TCN) TH Transportation Account Code (TAC)	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>X</b>	<b>ID 2/3</b>
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X</b>	<b>AN 1/30</b>

**Segment:** **AMT** Monetary Amount  
**Position:** 600  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

1. This segment can be used to specify the amount associated with the ACRN (REF01 is code AX), to specify the total funds obligated against the line item cited in PO101 (the total of all amounts associated with an ACRN), and to specify amounts associated with an award fee, incentive, fixed-fee, or cost sharing line items.

2. The following table identifies how each code listed in AMT01, other than codes 1, 29, 8B, 9E, B0, DN, EN, KC, KD, and KY, is to be used depending on the code cited in CN101.

**COST, FEE, AND PRICE EXPRESSION TABLE**

<i>CN101 Code</i>	<i>AMT01 Code</i>	<i>AMT01 Code Use</i>
<i>CA/CY</i>	<i>33</i>	<i>Target Cost</i>
<i>CA/CY</i>	<i>32</i>	<i>Target Fee</i>
<i>CA/CY</i>	<i>AEG</i>	<i>Minimum Fee</i>
<i>CA/CY</i>	<i>AEH</i>	<i>Maximum Fee</i>
<i>CH</i>	<i>FQ</i>	<i>Contractor Firm Share</i>
<i>CH</i>	<i>FR</i>	<i>Estimated Government Share</i>
<i>CS</i>	<i>NA</i>	<i>Use the 3/AMT/020 segment, code TT</i>
<i>CW/CX</i>	<i>33</i>	<i>Cost</i>
<i>CW</i>	<i>AEF</i>	<i>Base Fee</i>
<i>CW</i>	<i>AEE</i>	<i>Award Fee</i>
<i>CX</i>	<i>FE</i>	<i>Fixed Fee</i>
<i>FB/FC</i>	<i>33</i>	<i>Target Cost</i>
<i>FB/FC</i>	<i>32</i>	<i>Target Profit</i>
<i>FB/FC</i>	<i>30</i>	<i>Price Ceiling</i>
<i>FD</i>	<i>NA</i>	<i>Use the 2/AMT/600 code 29 when CN101 is code FD for redeterminable items without a ceiling price or code 30 for redeterminable items with a ceiling price.</i>
<i>FM</i>	<i>NA</i>	<i>Use the 2/AMT/600 segment code 30 when CN101 is code FM for fixed ceiling price if items subject to differing contract type are present in the same contract.</i>
<i>FF/FG</i>	<i>ZQ</i>	<i>Initial Target Cost</i>
<i>FF/FG</i>	<i>K4</i>	<i>Initial Target Profit</i>
<i>FF/FG</i>	<i>AEH</i>	<i>Target Profit Ceiling</i>
<i>FF/FG</i>	<i>AEG</i>	<i>Target Profit Floor</i>
<i>FF/FG</i>	<i>30</i>	<i>Ceiling Price</i>
<i>FH</i>	<i>33</i>	<i>Fixed Price</i>
<i>FH</i>	<i>AEF</i>	<i>Base Fee</i>
<i>FH</i>	<i>AEE</i>	<i>Award Fee</i>
<i>FJ/FR/FX/LH/TM</i>	<i>NA</i>	<i>Use the 2/AMT/600 segment, code 1 for fixed price line items; and the 3/AMT/020 segment, code TT for contract total amount.</i>
<i>FK</i>	<i>NA</i>	<i>No cost or price information required</i>

## Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522 Amount Qualifier Code	M ID 1/3

Code to qualify amount

**1. For the correct use of the following codes in various fee and profit arrangements by type of contract, see the table above.**

**2. Codes 1, 29, 8B, DN, KC, KD, and KY are to be used in accordance with the notes or definition associated with each code.**

1	Line Item Total	<i>Use to indicate the line item total amount.</i>
29	Estimated Price	
30	Contract Ceiling	
32	Target Fee or Profit Amount	
33	Original Contract Target Cost	
8B	Provision for Future Purchases	<i>Use to indicate an amount that is contemplated for future placement on this line item.</i>
9E	Specific Performance	<i>When PWK01 in the 2/PWK/070 segment is code RE, use to indicate the amount of the performance bond.</i>
AEE	Award Fee	
AEF	Base Fee	
AEG	Target Profit Floor	
AEH	Target Profit Ceiling	
B0	Bond	<i>When PWK01 in the 2/PWK/070 segment is code RD, use to indicate the amount of the payment bond.</i>
DN	Liability	<i>Use this code to indicate the limitation of government liability for undefinitized contract actions.</i>
EN	Cancellation Fee	<i>When PID04 in the 2/PID/050 segment is code MMY, use to indicate the cancellation ceiling amount for a multi-year line item.</i>
FE	Fee	
FQ	Firm Contractor Share	<i>Use, in conjunction with CN101 codes CA, CY, FB, FC, FF, or FG, as applicable.</i>
FR	Estimated Government Share	<i>Use, in conjunction with CN101 codes CA, CY, FB, FC, FF, or FG, as applicable.</i>
K4	Initial Target Fee	
KC	Obligated	<i>Use in conjunction with the 2/REF/610 segment to indicate the obligated funds associated with an accounting code.</i>
KD	Undefinitized	<i>Use to indicate an undefinitized amount.</i>
KY	Not-To-Exceed Price	<i>Use this code to indicate the contractor not-to-exceed amount for undefinitized contract actions.</i>

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			ZQ	Initial Target Cost		
M	AMT02	782	Monetary Amount		M	R 1/18
			Monetary amount			
			<i>When CUR01 in the 1/CUR/040 or 2/CUR/020 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the associated segment. In all other instances, the monetary amount is expressed in US dollars.</i>			
Not Used	AMT03	478	Credit/Debit Flag Code		O	ID 1/1
			Code indicating whether amount is a credit or debit			

**Segment:** **REF** Reference Identification  
**Position:** 610  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
 2 If either C04003 or C04004 is present, then the other is required.  
 3 If either C04005 or C04006 is present, then the other is required.  
**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.  
**Comments:**  
**Notes:** *Use this segment to identify reference numbers applicable to an amount cited in AMT02, e.g., an ACRN, fund code, accounting code, appropriation number, commitment identification number, etc.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IZ Financial Detail Code ACT Accounting Code AT Appropriation Number <i>When used, cite the number in REF03.</i> AX Government Accounting Class Reference Number (ACRN) CNO Commitment Number <i>1. Use this code to indicate the Commitment Identification Number (CIN) associated with the obligated amount.</i> <i>2. The CIN is a unique number associated with a specific Line of Accounting (LOA) and used to record and track a commitment in the accounting system.</i> <i>3. The CIN can be no larger than 30 characters.</i> <i>4. For DoD activities, the CIN is REQUIRED and MUST be associated with an obligated amount for the line item. i.e., AMT01 is code KC.</i>	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content <i>When REF01 is code AT, use to identify the appropriation number.</i>	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b>	M ID 2/3

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Not Used	C04002	127	Code qualifying the Reference Identification <b>Reference Identification</b>	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	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	<b>Reference Identification</b>	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

**Segment:** **PCT** Percent Amounts  
**Position:** 612  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To qualify percent amounts and supply percent amounts  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use this segment to provide the target fee or target profit increase/decrease percent.*

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			9 Other	<i>Use this code to indicate the percent increase in the target fee or target profit.</i>
			DF Decrement Factor	<i>Use this code to indicate the percent decrease in the target fee or target profit.</i>
M	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

**Segment:** **LM** Code Source Information  
**Position:** 620  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit standard code list identification information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 LM02 identifies the applicable industry code list source information.  
**Notes:**

*Use this loop to provide data that cannot be provided by other means within this transaction set, e.g., field contract administration office data, subject to availability of funds, etc.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
		DF	Department of Defense (DoD)	
			<i>Use this code in preference to code DD.</i>	
		FG	Federal Government	
			<i>When this code is used, cite FP1 in LM02.</i>	
	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	
			<i>When LM01 is code FG, the code contained in LQ02 comes from the Federal EDI Coding Manual, Federal Procurement Code List One (FP1). This code list can be found at <a href="http://www.fedebiz.gov">http://www.fedebiz.gov</a>, under Resources, Related Documents.</i>	

**Segment:** LQ Industry Code  
**Position:** 630  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
LQ01	1270	Code List Qualifier Code		O ID 1/3
		Code identifying a specific industry code list		
		6	Special Contract Provision Code	
			<i>Use to indicate special clauses that apply to the line item.</i>	
		7	Quality Assurance Site Code	
			<i>Use to indicate the inspection point.</i>	
		9	Indicator Code	
			<i>Use to indicate specific conditions that apply to the line item.</i>	
		A9	Supplementary Address	
		FX	Frequency	
			<i>When PO101 begins with an alpha character and DTM01 in the 2/DTM/210 segment cites code 601 or LDT01 in the 2/LDT/321 segment cites code AI, use this code to indicate the frequency of subsequent deliveries of a data item.</i>	
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
			<i>Use to cite a code from the code list identified by the qualifier in LQ01 or the code list cited in LM02.</i>	

**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:**  
 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set <i>Use to identify the total number of PO1 segments contained in this transaction set.</i>	M N0 1/6
	CTT02	347	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. <i>Use to identify the sum of the quantities (PO102) for all PO1 segments.</i>	O R 1/10
Not Used	CTT03	81	<b>Weight</b> Numeric value of weight	X R 1/10
Not Used	CTT04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT05	183	<b>Volume</b> Value of volumetric measure	X R 1/8
Not Used	CTT06	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** **AMT** Monetary Amount  
**Position:** 020  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use this segment to specify the total value of the award instrument.*

Data Element Summary

Ref.	Data Element	Name	Attributes
M	AMT01	522 Amount Qualifier Code	M ID 1/3
		Code to qualify amount	
		29 Estimated Price	<i>Use to indicate the total award instrument price is an estimate.</i>
		30 Contract Ceiling	<i>Use to indicate the contract ceiling price for fixed-price contracts with retroactive price redetermination.</i>
		KD Undefinitized	<i>Use to indicate an undefinitized amount.</i>
		KY Not-To-Exceed Price	
		TT Total Transaction Amount	<i>Use to indicate the total value of the award instrument when it is not an estimate.</i>
		TY Total at Complete	<i>Use to indicate the total value of the award instrument when it is incrementally funded. For grants, include the total amount committed for the entire project period.</i>
M	AMT02	782 Monetary Amount	M R 1/18
		Monetary amount	<i>When CUR01 in the 1/CUR/040 segment cites code BY, the monetary amount identified in this data element is expressed in the foreign currency identified in CUR02 of the 1/CUR/040 segment. In all other instances, the monetary amount is expressed in US dollars.</i>
Not Used	AMT03	478 Credit/Debit Flag Code	O ID 1/1
		Code indicating whether amount is a credit or debit	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

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