

Transaction Set 850 Purchase Order

Functional Group ID = PO X12 Version 004 Release 010

September 2002



Revision History

Date	Description
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OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

2. CONSIDERATIONS

3. TRADING PARTNERS

1. Any buyer to any seller.

4. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE guideline.

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange–related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for

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internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one ore more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.



7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component. <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.



8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Because this is a recast and EDIFICE is not adding codes to any code lists except codes identified in EDIFICE's guidelines for product and other identifiers. Type ID fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD).
- Changes made to harmonize related transactions 850, 855, 860 and 865; added SAC segment at detail level, with element and code usage based on harmonization with 865; miscellaneous changes to code lists and notes.
- Changes made to bring transaction into conformance with Product and Other ID supporting document; miscellaneous changes to code lists and notes.
- Per Blanket Order support document added code '036' Expiration Date to DE 374 (used in DTM01).
- Per Product and Other ID support document, added codes to DE 98 and DE 66 code lists (used in N1 segment).
- Per Product and Other ID support document, changed N2, N3 and N4 segments to 'Used'
- Per Product and Other ID support document added code 'EM' Electronic Mail to DE 365 (used in PER03).
- Max use of N1 loop in detail area (LIN.N1) changed from 5 to 200.
- Max length of DE 93 Name (used in N102) changed from 35 to 60
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80
- Max length of DE 350 Assigned Identification (used in PO101) changed from 11 to 20; EDIFICE still recommends that trading partners use no more than 6 bytes.
- Per Blanket Order support document, usage of DE 350 Assigned Identification (used in PO101) is changed to required for Stand Alone Purchase Orders and optional for Blanket Purchase Orders.
- Max length of DE330 Quantity Ordered (used in PO102) changed from 9 to 15.
- Usage of Unit or Basis for Measurement Code (used in PO103) changed to a Composite Unit of Measure. Use of DE 355 (Unit or Basis for Measurement Code) remains the same.
- Max length of DE 212 Unit Price (used in PO104) changed from 14 to 17.
- Max length of DE 235 Product/Service ID (used in PO1 segment) changed from 30 to 48.
- Per Product and Other ID supporting document, added codes to DE 235 code list (used in POC segment).
- Requirement of DE 234 Product/Service ID Qualifier (used in PO1 segment) changed from 'O' Optional to 'X' Conditional.
- Removed usage of DE 234 code 'PW' Part Drawing. See code list for PO106.
- Per Blanket Order support document added code 'RE' Release Number to DE 128 (used in REF01).
- Segment SCH changed to a SCH loop. Max use remains at 200.
- Per Product and Other ID support document added '038' Ship Not Later, '063' Do Not Deliver After, and '064' Do Not Deliver Before to DE374 (used in SCH05).
- Segment CTT changed to a CTT loop. Max use remains at 1
- Requirement for CTT02 segment changed from 'M' Mandatory to 'O' Optional.
- Max length of DE 96 Number of Included Segments in SE01 changed from 6 to 10.



SEGMENT TABLES

850 Purchase Order - List of Used and Not Used Segments

Heading:

М	Pos. <u>No.</u> 010	Seg. ID ST	<u>Name</u> Transaction Set Header	Req. <u>Des.</u> M	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	020	BEG	Beginning Segment for Purchase Order	М	1		
	040	CUR	Currency	0	1		
	050	REF	Reference Identification	0	>1		
Not Used	060	PER	Administrative Communications Contact	0	3		
	070	TAX	Tax Reference	0	>1		
	080	FOB	F.O.B. Related Instructions	0	>1		
Not Used	090	СТР	Pricing Information	0	>1		
Not Used	095	PAM	Period Amount	0	10		
Not Used	110	CSH	Sales Requirements	0	5		
Not Used	115	TC2	Commodity	0	>1		
			LOOP ID – SAC			25	
	120	SAC	Service, Promotion, Allowance, or	0	1		
			Charge Information				
Not Used	125	CUR	Currency	0	1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	0	>1		
Not Used	140	DIS	Discount Detail	0	20		
Not Used	145	INC	Installment Information	0	1		
	150	DTM	Date/Time Reference	0	10		
Not Used	160	LDT	Lead Time	0	12		
Not Used	180	LIN	Item Identification	0	5		nl
Not Used	185	SI	Service Characteristic Identification	0	>1		
Not Used	190	PID	Product/Item Description	0	200		
Not Used	200	MEA	Measurements	0	40		
	210	PWK	Paperwork	0	25		
Not Used	220	PKG	Marking, Packaging, Loading	0	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	0	2		
	240	TD5	Carrier Details (Routing	0	12		
NU . 11 1	250	TD 2	Sequence/Transit Time)	0	10		
Not Used	250	TD3	Carrier Details (Equipment)	0	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	270	MAN	Marks and Numbers	0	10		
Not Used	276	РСТ	Percent Amounts	0	>1		
Not Used	280	СТВ	Restrictions/Conditions	0	5		
Not Used	285	ТХІ	Tax Information	0	>1		
			LOOP ID – AMT			>1	
Not Used	287	AMT	Monetary Amount	0	1		
Not Used	289	REF	Reference Identification	0	>1		
Not Used	290	DTM	Date/Time Reference	0	1		
Not Used	292	РСТ	Percent Amounts	0	>1		
			LOOP ID – FA1			>1	
Not Used	293	FA1	Type of Financial Accounting Data	0	1		



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Not Used480MSCMessage Text050LOOP ID - N120Not Used490N1Name01Not Used500N2Additional Name Information02Not Used510N3Address Information02Not Used520N4Geographic Location01Not Used520N4Geographic Location01Not Used530REFReference Identification020Not Used540G61Contact01Not Used550MSGMessage Text050Not Used560CB1Contract and Cost Accounting Standards Data01Not Used570REFReference Identification020Not Used590LDTLead Time01Not Used590LDTLead Time01Not Used600MSGMessage Text050LOOP ID - ADV>1111Not Used610ADVAdvertising Demographic Information01Not Used610ADVAdvertising Demographic Information01Not Used620DTMDate/Time Reference0>1	Not Used	460	REF	Reference Identification	0	5		
LOOP ID - N120Not Used490N1Name01Not Used500N2Additional Name Information02Not Used510N3Address Information02Not Used520N4Geographic Location01Not Used520N4Geographic Location01Not Used530REFReference Identification020Not Used540G61Contact01Not Used550MSGMessage Text050LOOP ID - CB1>1Not Used560CB1Contract and Cost Accounting Standards Data01Not Used570REFReference Identification020Not Used580DTMDate/Time Reference050Not Used590LDTLead Time01Not Used600MSCMessage Text050LOOP ID - ADV>1Not Used610ADVAdvertising Demographic Information01Not Used610ADVAdvertising Demographic Information01Not Used620DTMDate/Time Reference0>1	Not Used	470	DTM	Date/Time Reference	0	5		
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Not Used 570 REF Reference Identification O 20 Not Used 580 DTM Date/Time Reference O 5 Not Used 590 LDT Lead Time O 1 Not Used 600 MSG Message Text O 50 IOOP ID - ADV >1 Not Used 610 ADV Advertising Demographic Information O 1 Not Used 620 DTM Date/Time Reference O >1	Not Used	560	CB1		0	1		
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	NOT USED	630	MIX	iext	U	>1		

Detail:



	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u> LOOP ID – PO1	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u> 100000	Notes and <u>Comments</u>
М	010	PO1	Baseline Item Data	М	1		n2
Not Used	015	LIN	Item Identification	0	>1		
Not Used	018	SI	Service Characteristic Identification	0	>1		
Not Used	020	CUR	Currency	0	1		
Not Used	025	CN1	Contract Information	0	1		
Not Used	020	PO3	Additional Item Detail	0	25		
Not oscu	050	105	LOOP ID - CTP	<u> </u>	25	>1	
Not Used	040	СТР		0	1	>1	
	040		Pricing Information	0	1		
Not Used	045	CUR	Currency				
Not Used	045	PAM	Period Amount	0	10		
Not Used	049	MEA	Measurements	0	40		
			LOOP ID - PID			1000	
Not Used	050	PID	Product/Item Description	0	1		
Not Used	060	MEA	Measurements	0	10		
	070	PWK	Paperwork	0	25		
	090	PO4	Item Physical Details	0	>1		
	100	REF	Reference Identification	0	>1		
Not Used	110	PER	Administrative Communications Contact	0	3		
			LOOP ID – SAC			25	
	130	SAC	Service, Promotion, Allowance, or	0	1	25	
Not Used	135	CUR	Charge Information Currency	0	1		
Not Used	137	СТР	Pricing Information	0	1		
		-					
Not Used	140	IT8	Conditions of Sale	0	1		
Not Used	142	CSH	Sales Requirements	0	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	0	2		
Not Used	160	DIS	Discount Detail	0	20		
Not Used	165	INC	Installment Information	0	1		
Not Used	170	TAX	Tax Reference	0	>1		
Not Used	180	FOB	F.O.B. Related Instructions	0	>1		
Not Used	190	SDQ	Destination Quantity	0	500		
Not Used	200	IT3	Additional Item Data	0	5		
Not Used	210	DTM	Date/Time Reference	0	10		
Not Used	235	TC2	Commodity	0	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	0	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used	260	TD3	Carrier Details (Equipment)	0	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5		
Not Used	276	PCT	Percent Amounts	0	>1		
Not Used	280	MAN	Marks and Numbers	0	10		
Not Used	289	MSG	Message Text	0	>1		
Not Used	290	SPI	Specification Identifier	0	>1		
Not Used	291	TXI	Tax Information	0	>1		
Not Used	292	СТВ	Restrictions/Conditions	0	>1	. 1	
Nat 11	202	071	LOOP ID – QTY	0	1	>1	
Not Used	293	QTY	Quantity	0	1		
Not Used	294	SI	Service Characteristic Identification	0	>1		
			LOOP ID – SCH			200	



Not Used 2						
	295 SCH	Line Item Schedule	0	1		n3
2	296 TD1	Carrier Details (Quantity and Weight)	0	2		
	297 TD5	Carrier Details (Routing Sequence/Transit Time)	0	12		
Not Used 2	298 TD3	Carrier Details (Equipment)	0	12		
Not Used	299 TD4	Carrier Details (Special Handling, or	0	5		
Not Used	300 REF	Hazardous Materials, or Both) Reference Identification	0	>1		
		LOOP ID - PKG			200	
Not Used	305 PKG	Marking, Packaging, Loading	0	1	200	
	310 MEA	Measurements	0	>1		
	320 LS	Loop Header	0	1		
Not Used	520 LS	Loop Header LOOP ID - LDT	0	I	>1	
Not Used	321 LDT	Lead Time	0	1	21	
				>1		
	322 QTY	Quantity	0			
	323 MSG	Message Text	0	1		
Not Used	324 REF	Reference Identification	0	3		
		LOOP ID - LM	0		>1	
	325 LM	Code Source Information	0	1		
Not Used	326 LQ	Industry Code	Μ	>1		
Not Used	327 LE	Loop Trailer	0	1		
		LOOP ID – N9			1000	
	330 N9	Reference Identification	0	1		
Not Used	332 DTM	Date/Time Reference	0	>1		
Not Used	335 MEA	Measurements	0	40		
Not Used	340 MSG	Message Text	0	1000		
		LOOP ID - N1			200	
Not Used	350 N1	Name	0	1		
Not Used	360 N2	Additional Name Information	0	2		
Not Used	370 N3	Address Information	0	2		
Not Used	380 N4	Geographic Location	0	1		
Not Used	383 QTY	Quantity	0	>1		
Not Used	385 NX2	Location ID Component	0	>1		
	390 REF	Reference Identification	0	12		
	400 PER	Administrative Communications Contact	0	3		
Not Used 4	405 SI	Service Characteristic Identification	0	>1		
	406 DTM	Date/Time Reference	0	1		
	410 FOB	F.O.B. Related Instructions	0	1		
	415 SCH	Line Item Schedule	0	200		
	420 TD1	Carrier Details (Quantity and Weight)	0	2		
NOLUSED 4	430 TD5	Carrier Details (Routing	0	12		
		Sequence/Transit Time)				
Not Used 4		Carrier Details (Equipment)	0	12		
Not Used 4	440 TD3		_	_		
Not Used 4	440 TD3 450 TD4	Carrier Details (Special Handling, or	0	5		
Not Used 4 Not Used 4 Not Used 4			0 0	5 200		
Not Used 4 Not Used 4 Not Used 4	450 TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)			>1	
Not Used 4 Not Used 4 Not Used 4 Not Used 4	450 TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading			>1	
Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4	450 TD4 460 PKG	Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading LOOP ID – LDT	0	200	>1	
Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4	450 TD4 460 PKG 462 LDT	Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading LOOP ID – LDT Lead Time Marks and Numbers	0	200	>1	
Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4 Not Used 4	450 TD4 460 PKG 462 LDT 464 MAN	Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading LOOP ID – LDT Lead Time	0 0 0	200 1 10	>1	
Not Used A Not Used A Not Used A Not Used A Not Used A Not Used A Not Used A	 450 TD4 460 PKG 462 LDT 464 MAN 466 QTY 	Carrier Details (Special Handling, or Hazardous Materials, or Both) Marking, Packaging, Loading LOOP ID – LDT Lead Time Marks and Numbers Quantity	0 0 0 0	200 1 10 5	>1	



Not Used480SIService Characteristic Identification0>1Not Used400PIDProduct/Item Description01000Not Used500PO3Additional Item Detail0104Not Used505TC2Commodity0>1Not Used513ADVAdvertising Demographic Information0>1Not Used515DTMDate/Time Reference010Not Used516CTPPricing Information025Not Used517PAMPeriod Amount010Not Used518PO4Item Physical Details01Not Used519TAXTax Reference03LOOP ID - N9				LOOP ID – SLN			1000
Not Used480SIService Characteristic Identification0>1Not Used500PO3Additional Item Detail01000Not Used505TC2Commodity0>1Not Used515DTMDate/Time Reference0100Not Used516CTPPricing Information025Not Used517PAMPeriod Amount010Not Used518PO4Hem Physical Details01Not Used519TAXTax Reference03Not Used523N9Reference Identification01Not Used524DTMDate/Time Reference0>1Not Used525MSGMessage Text01Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification01Not Used530SIService Characteristic Identification01Not Used530SIService Characteristic Identification01Not Used530SIService Characteristic Identification01Not Used540N1Name01Not Used550N3Address Information02Not Used550N4Geographic Location01		470	SLN	Subline Item Detail	0	1	
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Not Used505TC2Commodity0>1Not Used513ADVAdvertising Demographic Information0>1Not Used515DTMDate/Time Reference010Not Used516CTPPricing Information025Not Used517PAMPeriod Amount010Not Used518PO4Item Physical Details01Not Used518PO4Item Physical Details01Not Used523N9Reference03LOOP ID - N91Not Used525MSGMessage Text0>1Not Used525SCGMessage Text0-1Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification02Not Used530N3Address Information02Not Used530N3Address Information01Not Used540N2Additional Name Information01Not Used550N3Address Information01Not Used550N3Address Information01<	Not Used	490	PID	Product/Item Description	0	1000	
Not Used513ADV Advertising Demographic Information0>1Not Used515DTM Pricing Information025Not Used516CTPPricing Information025Not Used518PO4Item Physical Details010Not Used518PO4Item Physical Details01Not Used518PO4Item Physical Details01Not Used523N9Reference03Not Used524DTMDate/Time Reference0>1Not Used525MSGMessage Text0>1Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used535N1Name01Not Used530S1Service Characteristic Identification02Not Used530N3Address Information02Not Used540N2Additional Name Information01Not Used550N3Address Information01Not Used560REFReference Identification01Not Used560REFReference Identification01Not Used500PER <td>Not Used</td> <td>500</td> <td>PO3</td> <td>Additional Item Detail</td> <td>0</td> <td>104</td> <td></td>	Not Used	500	PO3	Additional Item Detail	0	104	
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Not Used518PO4Item Physical Details01Not Used519TAXTax Reference03LOOP ID - N9>1>1Not Used523N9Reference Identification01Not Used524DTMDate/Time Reference0>1Not Used525MSGMessage Text0>1LOOP ID - SAC25Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification0>1Not Used530SIService Characteristic Identification01Not Used530N3Address Information02Not Used530N3Address Information02Not Used540N2Additional Name Information02Not Used550N3Address Information01Not Used580REFReference Identification01Not Used590PERAdministrative Communications Contact03Not Used590PERAdministrative Communications Contact03Not Used610REFReference Identification0<	Not Used	516	СТР	Pricing Information	0	25	
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IOOP ID - N9>1Not Used523N9Reference Identification01Not Used524DTMDate/Time Reference0>1Not Used525MSGMessage Text0>1IOOP ID - SAC25Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used528CTPPricing Information01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used529QTYQuantity01Not Used535N1Name01Not Used535N1Name01Not Used535N1Name01Not Used530N3Address Information02Not Used570NX2Location ID Component01Not Used580REFReference Identification01Not Used590PERAdministrative Communications Contact03Service Characteristic Identification01Colop ID -	Not Used	518	PO4	Item Physical Details	0	1	
Not Used523N9Reference Identification01Not Used524DTMDate/Time Reference0>1Not Used525MSGMessage Text0>1Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification02Not Used535N1Name01Not Used550N3Address Information02Not Used550N3Address Information01Not Used550N3Address Information01Not Used570NX2Location ID Component01Not Used580REFReference Identification012Not Used590PERAdministrative Communications Contact03Not Used610AMTMonetary Amount01Not Used612PCTPercent Amounts0>1Not Used612PCTPercent Amounts0>1Not Used620LMCode Source Information01	Not Used	519	TAX	Tax Reference	0	3	
Not Used524 525DTM MSGDate/Time Reference0>1Not Used525MSGMessage Text0>1LOOP ID - SAC25Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification0>1Not Used535N1Name01Not Used535N1Name01Not Used550N3Address Information02Not Used570NX2Location01Not Used580REFReference Identification012Not Used590PERAdministrative Communications Contact03Not Used590PERAdministrative Communications Contact03Not Used600AMTMonetary Amount01Not Used612PCTPercent Amounts0>1Not Used612PCTPercent Amounts0>1Not Used620LMCode Source Information01				LOOP ID – N9			>1
Not Used525MSGMessage Text0>1LOOP ID - SAC25Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification0>1Not Used535N1Name01Not Used540N2Additional Name Information02Not Used550N3Address Information02Not Used550N3Address Information01Not Used570NX2Location ID Component01Not Used590PERAdministrative Communications Contact03Not Used595SIService Characteristic Identification01Not Used600AMTMonetary Amount01Not Used610REFReference Identification01Not Used610REFReference Identification01Not Used610REFReference Identification01Not Used610REFReference Identification01Not Used610REFReference Identification01Not Used610REFReference	Not Used	523	N9	Reference Identification	0	1	
Not Used25Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01Not Used528CTPPricing Information01Not Used529QTYQuantity01Not Used530SIService Characteristic Identification0>1Not Used535N1Name01Not Used535N1Name01Not Used550N3Address Information02Not Used550N3Address Information01Not Used560N4Geographic Location01Not Used570NX2Location ID Component02Not Used580REFReference Identification012Not Used590PERAdministrative Communications Contact03Not Used600AMTMonetary Amount01Not Used610REFReference Identification01Not Used612PCTPercent Amounts0>1Not Used620LMCode Source Information01	Not Used	524	DTM	Date/Time Reference	0	>1	
Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01IOOP ID - QTY>1Not Used529QTYQuantity01IOOP ID - QTY>1Not Used529QTYQuantity01IOOP ID - NT>10Not Used535N1Name01Not Used535N1Name01Not Used535N1Name01Not Used530SIService Characteristic Identification02Not Used530N1Name01Not Used530N3Address Information02Not Used550N3Address Information02Not Used550N3Address Information0121Not Used570N2Location ID Component03Not Used590PERAdministrative Communications Contact03Not Used590PERAdministrative Communications Contact03IOOP ID - AMT01Not Used600AMTMonetary Amount01 </td <td>Not Used</td> <td>525</td> <td>MSG</td> <td>Message Text</td> <td>0</td> <td>>1</td> <td></td>	Not Used	525	MSG	Message Text	0	>1	
Not Used526SACService, Promotion, Allowance, or Charge Information01Not Used527CURCurrency01Not Used528CTPPricing Information01IOOP ID - QTY>1Not Used529QTYQuantity01IOOP ID - QTY>1Not Used529QTYQuantity01IOOP ID - NT>10Not Used535N1Name01Not Used535N1Name01Not Used535N1Name01Not Used540N2Additional Name Information02Not Used550N3Address Information02Not Used550N3Address Information011Not Used570NX2Location ID Component01Not Used590PERAdministrative Communications Contact03Not Used590PERAdministrative Communications Contact03IOOP ID - AMT>1Not Used600AMTMonetary Amount01IOOP ID - AMT01IOOP ID - AMT01IOOP ID - AMT01IOOP ID - LM>1 <td< td=""><td></td><td></td><td></td><td>LOOP ID - SAC</td><td></td><td></td><td>25</td></td<>				LOOP ID - SAC			25
Not Used527CURCurrencyO1Not Used528CTPPricing InformationO1Not Used528CTPQuantityO1Not Used529QTYQuantityO1Not Used530SIService Characteristic IdentificationO>1Not Used535N1NameO1Not Used535N1NameO1Not Used535N1NameO1Not Used540N2Additional Name InformationO2Not Used550N3Address InformationO2Not Used550N3Address InformationO1Not Used560N4Geographic LocationO1Not Used570NX2Location ID ComponentO>1Not Used590PERAdministrative Communications ContactO3Not Used590PERAdministrative Communications ContactO>1Not Used600AMTMonetary AmountO11Not Used610REFReference IdentificationO>1Not Used610REFReference IdentificationO>1Not Used610REFReference IdentificationO>1Not Used610REFReference IdentificationO>1Not Used610REFPercent Amounts </td <td>Not Used</td> <td>526</td> <td>SAC</td> <td></td> <td>0</td> <td>1</td> <td></td>	Not Used	526	SAC		0	1	
Not Used528CTPPricing InformationO1LOOP ID - QTY>1Not Used529QTYQuantityO1Not Used530SIService Characteristic IdentificationO>1Not Used535N1NameO1Not Used535N1NameO1Not Used535N1NameO1Not Used535N1NameO1Not Used550N3Address InformationO2Not Used560N4Geographic LocationO1Not Used570NX2Location ID ComponentO>1Not Used580REFReference IdentificationO12Not Used590PERAdministrative Communications ContactO3Not Used595SIErvice Characteristic IdentificationO1Not Used610REFReference IdentificationO1Not Used612PCTPercent AmountsO>1LOOP ID - LM>1>1>1Not Used620LMCode Source InformationO1				Charge Information			
Image: Not Used529QTYQuantityO1Not Used529QTYQuantityO101Not Used530SIService Characteristic IdentificationO>110IOOP ID - N110Not Used535N1NameO1Not Used535N1NameO110Not Used540N2Additional Name InformationO21Not Used550N3Address InformationO21Not Used560N4Geographic LocationO11Not Used560N4Geographic LocationO11Not Used570NX2Location ID ComponentO>11Not Used580REFReference IdentificationO121Not Used590PERAdministrative Communications ContactO31Not Used595SIService Characteristic IdentificationO11Not Used610REFReference IdentificationO11Not Used612PCTPercent AmountsO>11Not Used620LMCode Source InformationO11	Not Used						
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Not Used530SIService Characteristic IdentificationO>1Not Used535N1NameO1Not Used540N2Additional Name InformationO2Not Used550N3Address InformationO2Not Used560N4Geographic LocationO1Not Used560N4Geographic LocationO1Not Used570NX2Location ID ComponentO>1Not Used580REFReference IdentificationO12Not Used590PERAdministrative Communications ContactO3Not Used595SIService Characteristic IdentificationO>1Not Used610REFReference IdentificationO1Not Used610REFReference IdentificationO1Not Used612PCTPercent AmountsO>1Not Used620LMCode Source InformationO1				LOOP ID - QTY			>1
IOOP ID - N110LOOP ID - N110Not Used 535N1Name01Not Used 540N2Additional Name Information02Not Used 550N3Address Information02Not Used 560N4Geographic Location01Not Used 570NX2Location ID Component0>1Not Used 580REFReference Identification012Not Used 590PERAdministrative Communications Contact03Not Used 595SIService Characteristic Identification0>1Not Used 610REFReference Identification01Not Used 612PCTPercent Amount01Not Used 620LMCode Source Information01	Not Used	529	QTY	Quantity	0	1	
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Not Used550N3Address InformationO2Not Used560N4Geographic LocationO1Not Used570NX2Location ID ComponentO>1Not Used580REFReference IdentificationO12Not Used590PERAdministrative Communications ContactO3Not Used595SIService Characteristic IdentificationO>1Not Used600AMTMonetary AmountO1Not Used610REFReference IdentificationO1Not Used612PCTPercent AmountsO>1Not Used620LMCode Source InformationO1	Not Used	535	N1	Name	0	1	
Not Used560N4Geographic LocationO1Not Used570NX2Location ID ComponentO>1Not Used580REFReference IdentificationO12Not Used590PERAdministrative Communications ContactO3Not Used595SIService Characteristic IdentificationO>1Not Used600AMTMonetary AmountO1Not Used610REFReference IdentificationO1Not Used612PCTPercent AmountsO>1Not Used620LMCode Source InformationO1	Not Used	540	N2	Additional Name Information	0	2	
Not Used570NX2Location ID ComponentO>1Not Used580REFReference IdentificationO12Not Used590PERAdministrative Communications ContactO3Not Used595SIService Characteristic IdentificationO>1LOOP ID - AMTO1>1Not Used600AMTMonetary AmountO1Not Used610REFReference IdentificationO1Not Used612PCTPercent AmountsO>1LOOP ID - LM>1>1Not Used620LMCode Source InformationO1	Not Used	550	N3	Address Information	0	2	
Not Used 580 REF Reference Identification 0 12 Not Used 590 PER Administrative Communications Contact 0 3 Not Used 595 SI Service Characteristic Identification 0 >1 Not Used 600 AMT Monetary Amount 0 1 Not Used 610 REF Reference Identification 0 1 Not Used 610 REF Reference Identification 0 1 Not Used 612 PCT Percent Amounts 0 >1 Not Used 620 LM Code Source Information 0 1	Not Used	560	N4	Geographic Location	0	1	
Not Used 590 PER Administrative Communications Contact 0 3 Not Used 595 SI Service Characteristic Identification 0 >1 Not Used 600 AMT Monetary Amount 0 1 Not Used 610 REF Reference Identification 0 1 Not Used 612 PCT Percent Amounts 0 >1 Not Used 620 LM Code Source Information 0 1	Not Used	570	NX2	Location ID Component	0	>1	
Not Used 595 SI Service Characteristic Identification O >1 LOOP ID - AMT J J J J Not Used 600 AMT Monetary Amount O 1 Not Used 610 REF Reference Identification O 1 Not Used 612 PCT Percent Amounts O >1 LOOP ID - LM J J J J Not Used 620 LM Code Source Information O 1	Not Used	580	REF		0	12	
LOOP ID - AMT >1 Not Used 600 AMT Monetary Amount 0 1 Not Used 610 REF Reference Identification 0 1 Not Used 612 PCT Percent Amounts 0 >1 LOOP ID - LM >1 >1 Not Used 620 LM Code Source Information 0 1	Not Used	590	PER	Administrative Communications Contact	0	3	
Not Used 600 AMT Monetary Amount O 1 Not Used 610 REF Reference Identification O 1 Not Used 612 PCT Percent Amounts O >1 Not Used 620 LM Code Source Information O 1	Not Used	595	SI	Service Characteristic Identification	0	>1	
Not Used 600 AMT Monetary Amount O 1 Not Used 610 REF Reference Identification O 1 Not Used 612 PCT Percent Amounts O >1 Not Used 620 LM Code Source Information O 1				LOOP ID - AMT			>1
Not Used 610 REF Reference Identification O 1 Not Used 612 PCT Percent Amounts O >1 LOOP ID - LM >1 >1 Not Used 620 LM Code Source Information O 1	Not Used	600	AMT		0	1	
Not Used 612 PCT Percent Amounts O >1 LOOP ID - LM >1 Not Used 620 LM Code Source Information O 1				-			
LOOP ID - LM>1Not Used 620 LMCode Source InformationO1							
Not Used 620 LM Code Source Information O 1					-		<u>\</u> 1
	Notlicod	620	LM		0	1	>1
	NOT USED	020	LQ		IVI	>1	

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
			LOOP ID – CTT			1	
	010	CTT	Transaction Totals	0	1		n4
Not Used	020	AMT	Monetary Amount	0	1		n5
М	030	SE	Transaction Set Trailer	М	1		



Transaction Set Notes

- 1. If segment LIN is used, do not use LIN01.
- **2.** PO102 is required.
- **3.** The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- **4.** The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.



Μ

Μ

	Segment:	ST ⊤	ransaction Set Header		
	Position: Loop:	010			
	Level:	Heading	1		
	Usage:	Mandat	F Contraction of the second		
	Max Use:	1			
	Purpose:	To indic	ate the start of a transaction set and to assign a (contro	l number
Svr	ntax Notes:	ro mar	are the start of a transaction set and to assign a v	contro	maniber
	ntic Notes:	rout	transaction set identifier (ST01) is used by the tra- tines of the interchange partners to select the app saction set definition (e.g., 810 selects the Invoic	oropria	te
(Comments:				
			Data Element Summary		
	Ref.	Data	Data Lienient Danmary		
	Des.	Element	Name	Att	ributes
М	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set 850 Purchase Order		·
М	ST02	329	Transaction Set Control Number Identifying control number that must be unique v transaction set functional group assigned by the transaction set		
			The control number is assigned by the sender. It sequentially assigned within each functional group		

sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.



Segment:	BEG Beginning Segment for Purchase Order
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes: Semantic Notes: Comments:	1 BEG05 is the date assigned by the purchaser to purchase order.

Data Element Summary

	Ref.	Data	,		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attr</u>	<u>ributes</u>
М	BEG01	353	Transaction Set Purpose Code	Μ	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
			06 Confirmation		
М	BEG02	92	Purchase Order Type Code	Μ	ID 2/2
			Code specifying the type of Purchase Order		
			BE Blanket Order/Estimated Quantit	ies (N	Not firm
			Commitment)		
			BK Blanket Order (Quantity Firm)		
			RL Release or Delivery Order		
			An order for goods and services	place	ed against
			a pre-existing contract or blank	et ord	ler
			SA Stand-alone Order		
М	BEG03	324	Purchase Order Number	Μ	AN 1/22
			Identifying number for Purchase Order assigned b	y the	
			orderer/purchaser		
	BEG04	328	Release Number		AN 1/30
			Number identifying a release against a Purchase C	rder	previously
			placed by the parties involved in the transaction		
			EDIFICE Usage: OPTIONAL. While release number	•	
			at the header level, it is recommended that release	e nun	nber be
			carried in an REF segment at the line item level.		
М	BEG05	373	Date	М	DT 8/8
			Date expressed as CCYYMMDD		
			Purchase Order Date		
	BEG06	367	Contract Number	0	AN 1/30
			Contract number		
			EDIFICE Usage: OPTIONAL. This is the buyer's co		t number.
			For business that is conducted under a contract.		
			RECOMMENDED that the contract number be place	ed in	this field
			rather than a header level REF segment.		



Not Used	BEG07	587	Acknowledgment Type	0	ID 2/2	
oscu			Code specifying the type of acknowledgment Refer to 004010 Data Element Dictionary for accep values.	otab	le code	
Not Used	BEG08	1019	Invoice Type Code	0	ID 3/3	
USEU			Code defining the method by which invoices are to Refer to 004010 Data Element Dictionary for accep values.			
Not Used	BEG09	1166	Contract Type Code	0	ID 2/2	
Used			Code identifying a contract type Refer to 004010 Data Element Dictionary for accep values.	acceptable code		
Not Used	BEG10	1232	Purchase Category	0	ID 2/2	
USEU			Code identifying the broad category of products of	r ser	rvices	
			being acquired Refer to 004010 Data Element Dictionary for accep	otab	le code	
Not	BEG11	786	values. Security Level Code	0	ID 2/2	
Used			Code indicating the level of confidentiality assigne sender to the information following Refer to 004010 Data Element Dictionary for accep values.			
Not	BEG12	640	Transaction Type Code	0	ID 2/2	
Used			Code specifying the type of transaction Refer to 004010 Data Element Dictionary for accep values.	otab	le code	



Se	egment:	CUF	Currency			
Position: 040						
Loop: Level: Head Usage: Optic Max Use: 1						
	Purpose:	-	tion: the currency (dollars, pounds, francs, etc.) used	in a		
2 If C 3 If C 4 If C 5 If C 6 If C 7 If C 8 If C 9 If C 10 If C 11 If C 13 If C 14 If C			tion UR08 is present, then CUR07 is required. UR09 is present, then CUR07 is required. UR10 is present, then at least one of CUR11 or CUR12 is required. UR11 is present, then CUR10 is required. UR12 is present, then CUR10 is required. UR13 is present, then CUR10 is required. UR14 is present, then at least one of CUR14 or CUR15 is required. UR15 is present, then CUR13 is required. UR16 is present, then CUR13 is required. UR16 is present, then at least one of CUR17 or CUR18 is required. UR17 is present, then CUR16 is required. UR18 is present, then CUR16 is required. UR19 is present, then CUR19 is required. UR20 is present, then CUR19 is required. UR21 is present, then CUR19 is required.			
	ic Notes: mments:	 See Figures Appendix for examples detailing the use of the CUR segment. 				
	Notes:		Usage: OPTIONAL			
			Data Element Summary			
М	Ref. <u>Des.</u> CUR01	Data <u>Element</u> 98	Entity Identifier CodeCode identifying an organizational entity, a physicproperty or an individualBYBuying Party (Purchaser)	Μ	ributes ID 2/3 cation,	
М	CUR02	100	SE Selling Party Currency Code Code (Standard ISO) for country in whose currency are specified		ID 3/3 charges	
Not Used	CUR03	280	Exchange Rate	0	R 4/10	
Not Used	CUR04	98	Value to be used as a multiplier conversion factor to monetary value from one currency to another Entity Identifier Code		ID 2/3	
			Code identifying an organizational entity, a physic property or an individual Refer to 004010 Data Element Dictionary for accep values.			



Not Used	CUR05	100	Currency Code	0	ID 3/3	
obcu			Code (Standard ISO) for country in whose currency are specified	' the	charges	
Not Used	CUR06	669	Currency Market/Exchange Code	0	ID 3/3	
Useu			Code identifying the market upon which the current rate is based	ncy	exchange	
			Refer to 004010 Data Element Dictionary for accept values.	otab	le code	
Not Used	CUR07	374	Date/Time Qualifier	Х	ID 3/3	
oscu			Code specifying type of date or time, or both date Refer to 004010 Data Element Dictionary for accep values.			
Not Used	CUR08	373	Date	0	DT 8/8	
		227	Date expressed as CCYYMMDD	0		
Not Used	CUR09	337	Time	0	TM 4/8	
			Time expressed in 24-hour clock time as follows: HHMM, of HHMMSS, or HHMMSSD, or HHMMSSDD, where $H =$ hours (423), $M =$ minutes (00-59), $S =$ integer seconds (00-59) and $=$ decimal seconds; decimal seconds are expressed as followed as followed the tenths (0-9) and DD = hundredths (00-99)			
Not Used	CUR10	374	Date/Time Qualifier	Х	ID 3/3	
USCU			Code specifying type of date or time, or both date Refer to 004010 Data Element Dictionary for accep values.			
Not	CUR11	373	Date	Х	DT 8/8	
Used			Date expressed as CCYYMMDD			
Not Used	CUR12	337	Time	Х	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 E = decimal seconds; decimal seconds are expressed as follows = tenths (0-9) and DD = hundredths (00-99)			
Not Used	CUR13	374	Date/Time Qualifier	Χ	ID 3/3	
USCU			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.			
Not	CUR14	373	Date	Х	DT 8/8	
Used			Date expressed as CCYYMMDD			



Not Used	CUR15	337	Time	X	TM 4/8		
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00 23), M = minutes (00-59), S = integer seconds (00-59) and = decimal seconds; decimal seconds are expressed as follow = tenths (0-9) and DD = hundredths (00-99)				
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3		
			Code specifying type of date or time, or both date a Refer to 004010 Data Element Dictionary for accep values.				
Not Used	CUR17	373	Date	Χ	DT 8/8		
Not Used	CUR18	337	Date expressed as CCYYMMDD Time	x	TM 4/8		
			Time expressed in 24-hour clock time as follows: H HHMMSS, or HHMMSSD, or HHMMSSDD, where H = 23), M = minutes (00–59), S = integer seconds (00 = decimal seconds; decimal seconds are expressed = tenths (0–9) and DD = hundredths (00–99)	ho -59	hours (00– -59) and DD		
Not Used	CUR19	374	Date/Time Qualifier	Х	ID 3/3		
oscu			Code specifying type of date or time, or both date a Refer to 004010 Data Element Dictionary for accep values.				
Not Used	CUR20	373	Date	X	DT 8/8		
Not Used	CUR21	337	Date expressed as CCYYMMDD Time	x	TM 4/8		
			Time expressed in 24-hour clock time as follows: HHM HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hou 23), M = minutes (00-59), S = integer seconds (00-59 = decimal seconds; decimal seconds are expressed as = tenths (0-9) and DD = hundredths (00-99)				



	Segment: Position: Loop: Level: Usage: Max Use:	050 Heading Optiona >1	l				
Syntax Notes: 1 2 3		1 At le 2 If ei 3 If ei	At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02.				
	Comments: Notes:	EDIFICE that are	Usage: OPTIONAL. This segment is used for reference numbers agreed upon by both trading partners. There is one reference per segment.				
			Data Element Summary				
	Ref.	Data	,				
М	<u>Des.</u> REF01	<u>Element</u> 128	<u>Name</u> Reference Identification Qualifier Code qualifying the Reference Identification	<u>Attı</u> M	r <u>ibutes</u> ID 2/3		
			CJClause NumberDQDelivery Quote NumberGCGovernment Contract NumberGPGovernment Priority NumberPHPriority RatingPRPrice Quote Number				
	REF02	127	Reference Identification Reference information as defined for a particular T or as specified by the Reference Identification Qua EDIFICE Usage: REQUIRED.				
Not Used	REF03	352	Description	Х	AN 1/80		
USCU			A free-form description to clarify the related data of their content	elem	ents and		
Not Used	REF04	C040	Reference Identifier	0			
			To identify one or more reference numbers or iden	tific	ation		
Not Used	C04001	128	numbers as specified by the Reference Qualifier Reference Identification Qualifier	М	ID 2/3		
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acception values.	otabl	le code		
Not	C04002	127	Reference Identification	М	AN 1/30		
Used			Reference information as defined for a particular T or as specified by the Reference Identification Qua				



Not Used	C04003	128	Reference Identification Qualifier	Х	ID 2/3	
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for accep	otab	le code	
			values.			
Not Used	C04004	127	Reference Identification	Х	AN 1/30	
			Reference information as defined for a particular T or as specified by the Reference Identification Qua			
Not Used	C04005	128	Reference Identification Qualifier	Χ	ID 2/3	
			Code qualifying the Reference Identification			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	C04006	127	Reference Identification	Х	AN 1/30	
USCU .			Reference information as defined for a particular T or as specified by the Reference Identification Qua			



V 2 CALV	
Segment:	TAX Tax Reference
Position:	070
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To provide data required for proper notification/determination of
	applicable taxes applying to the transaction or business described in the
	transaction
Syntax Notes:	1 At least one of TAX01 or TAX03 is required.
	2 If either TAX02 or TAX03 is present, then the other is required.
	3 If either TAX04 or TAX05 is present, then the other is required.
	4 If either TAX06 or TAX07 is present, then the other is required.
	5 If either TAX08 or TAX09 is present, then the other is required.
	6 If either TAX10 or TAX11 is present, then the other is required.
Semantic Notes:	
Comments:	1 Tax ID number is, in many instances, referred to as a Tax Exemption
	Number. The paired (combined) use of data elements 309 and 310
	provides for the designation of five taxing jurisdictions.
	2 TAX01 is required if tax exemption is being claimed.
Notes:	EDIFICE Usage: ADVISED. This segment while optional is required in

Notes: EDIFICE Usage: ADVISED. This segment while optional is required in some states such as California. It is strongly recommended that all sales for resale purposes include the TAX segment with the appropriate Tax Exempt Codes along with Tax Identification Number.

Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Att</u>	<u>ributes</u>
	TAX01	325	Tax Identification Number	Х	AN 1/20
			Number assigned to a purchaser (buyer, orderer) l	by a	taxing
			jurisdiction (state, county, etc.); often called a tax	exe	mption
			number or certificate number		
			EDIFICE Usage: REQUIRED.		
Not	TAX02	309	Location Qualifier	Х	ID 1/2
Used					
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acce	ptab	le code
			values.		
Not	TAX03	310	Location Identifier	Х	AN 1/30
Used					
			Code which identifies a specific location		
Not	TAX04	309	Location Qualifier	Х	ID 1/2
Used					
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for acce	ptab	le code
			values.		
Not	TAX05	310	Location Identifier	Х	AN 1/30
Used					
			Code which identifies a specific location		



Not Used	TAX06	309	Location Qualifier	х	ID 1/2
osca			Code identifying type of location Refer to 004010 Data Element Dictionary for accep	otab	le code
Not Used	TAX07	310	values. Location Identifier	x	AN 1/30
Not Used	TAX08	309	Code which identifies a specific location Location Qualifier	x	ID 1/2
Useu			Code identifying type of location Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	TAX09	310	Location Identifier	X	AN 1/30
Not Used	TAX10	309	Code which identifies a specific location Location Qualifier	x	ID 1/2
			Code identifying type of location Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	TAX11	310	Location Identifier	X	AN 1/30
	TAX12	441	Code which identifies a specific location Tax Exempt Code Code identifying exemption status from sales and	O use	ID 1/1 tax
			EDIFICE Usage: REQUIRED.		
			0 Exempt (For Export) 1 Yes (Tax Exempt)		
			2 No (Not Tax Exempt)		
			 3 Exempt (For Resale) 8 Exempt (Sale to U.S. Government))	
			9 Exempt (Per State Law)	,	
Not Used	TAX13	1179	Customs Entry Type Group Code	0	ID 1/1
			Code identifying a group of entry types as filed wit Customs when goods enter the country Refer to 004010 Data Element Dictionary for accep values.		



Segment:	FOB F.O.B. Related Instructions
Position:	080
Loop:	
Level:	Heading
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:	EDIFICE Usage: OPTIONAL. The FOB usage for the electronics industry
	will be to define exceptions to the ship method. The use of the segment
	to define terms and conditions to the ship method. The use of the
	segment to define terms and conditions for ownership that overrides the
	contractual agreement is not recommended.
	Data Element Summary
Ref.	Data
<u>Des.</u>	Element Name Attributes
M FOB01	146Shipment Method of PaymentMID 2/2
	Code identifying nayment terms for transportation charges

Code identifying payment terms for transportation charges CC Collect DF Defined by Buyer and Seller PC Prepaid but Charged to Customer PP Prepaid (by Seller) WC Weight Condition FOB02 309 **Location Qualifier** X ID 1/2 Code identifying type of location EDIFICE Usage: DEPENDING. Use if FOB03 used. Code specifying transportation responsibility location. DE **Destination** (Shipping) OR **Origin (Shipping Point)** FOB03 352 Description O AN 1/80 A free-form description to clarify the related data elements and their content EDIFICE Usage: OPTIONAL. Specify the location of responsibility. 334 Transportation Terms Qualifier Code O ID 2/2 FOB04 Code identifying the source of the transportation terms EDIFICE Usage: REQUIRED. Code structure used to describe transportation responsibility criteria; qualifies code in Transportation Terms Code. 02 Trade Terms Code

Μ



	FOB05	335	Transportation Terms Code Code identifying the trade terms which apply to th transportation responsibility		ID 3/3 ipment
			EDIFICE Usage: REQUIRED.		
	FOB06	309	FOB Free on Board Location Qualifier Code identifying type of location	x	ID 1/2
			EDIFICE Usage: DEPENDING. Use if FOB07 used. (specifying title passage location.	Cod€	2
			This code MUST match the terms and conditions b trading partners.	etwe	een the
			DE Destination (Shipping) OR Origin (Shipping Point)		
	FOB07	352	Description A free-form description to clarify the related data their content	O elen	AN 1/80 nents and
			EDIFICE Usage: OPTIONAL. Description of location passes. The actual location should be spelled out.		ere title
Not Used	FOB08	54	Risk of Loss Code	0	ID 2/2
			Code specifying where responsibility for risk of los Refer to 004010 Data Element Dictionary for accep values.		
Not	FOB09	352	Description	Х	AN 1/80
Used			A free-form description to clarify the related data their content	elen	ients and



Segment: SAC Service, Promotion, Allowance, or Charge

Information	
Position:	120
Loop:	SAC Optional
Level:	Heading
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
Notor	SAC09.
Notes:	EDIFICE Usage: OPTIONAL. Used to specify inspection requirements and other special services or allowances in the electronics industry. If
	multiple inspections, services or allowances are required, multiple
	records are sent.
	וכנטועז מול זכוונ.



	Ref.	Data	Data Element Summary		
	Des.	Element	Name	Δtt	ributes
М	<u>565.</u> SAC01	248	Allowance or Charge Indicator	M	ID 1/1
			Code which indicates an allowance or charge for the		
			specified		
			A Allowance		
			C Charge		
			N No Allowance or Charge		
	SAC02	1300	Service, Promotion, Allowance, or Charge Code		
			Code identifying the service, promotion, allowance		charge
			EDIFICE Usage: REQUIRED. Other codes than thos		
			recommended by EDIFICE may be used by trading	part	ner
			agreement. B020 Certificate of Conformance		
			B030 Certificate of Origin		
			D370 Government Inspection		
			D870 Inspection		
			E840 Notarized Affidavit		
			G780 Ship to Stock Quality Audit		
			G990 Source Inspection		
			H000 Special Allowance		
	SAC03	559	Agency Qualifier Code		ID 2/2
			Code identifying the agency assigning the code va	lues	
			EDIFICE Usage: OPTIONAL.		
Not	SAC04	1301	AX ANSI Accredited Standards Comm Agency Service, Promotion, Allowance, or		e, XTZ AN 1/10
Used	JAC04	1301	Charge Code	^	AN 1/10
osca			Agency maintained code identifying the service, pr	omo	otion.
			allowance, or charge		,
Not	SAC05	610	Amount	0	N2 1/15
Used					
			Monetary amount		
Not	SAC06	378	Allowance/Charge Percent Qualifier	Х	ID 1/1
Used			Code indication on what begin allowed an above		
			Code indicating on what basis allowance or charge calculated	per	cent is
			Refer to 004010 Data Element Dictionary for acces	htah	le code
			values.	Jiab	
Not	SAC07	332	Percent	Х	R 1/6
Used					
			Percent expressed as a percent		
Not	SAC08	118	Rate	0	R 1/9
Used					. .
			Rate expressed in the standard monetary denomin	atio	n for the
Not	SAC09	355	currency specified Unit or Basis for Measurement Code	х	ID 2/2
Used	SACUS	222	offic of Basis for Measurement Code	^	
UJEU			Code specifying the units in which a value is being	exr	pressed. or
			manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for accept	otab	le code
			values.		



Not Used	SAC10	380	Quantity	Х	R 1/15			
Not Used	SAC11	380	Numeric value of quantity Quantity	0	R 1/15			
	SAC12	331	Numeric value of quantity Allowance or Charge Method of Handling Code Code indicating method of handling for an allowar					
			EDIFICE Usage: ADVISED. 06 Charge to be Paid by Customer					
Not Used	SAC13	127	Reference Identification	Х	AN 1/30			
			Reference information as defined for a particular T					
Not	SAC14	770	or as specified by the Reference Identification Qua					
Not Used	SAC14	770	Option Number	0	AN 1/20			
obcu			A unique number identifying available promotion or allowance					
			options when more than one is offered					
Not Used	SAC15	352	Description	Х	AN 1/80			
Useu			A free-form description to clarify the related data elements and their content					
Not Used	SAC16	819	Language Code	0	ID 2/3			
			Code designating the language used in text, from code list maintained by the International Standards (ISO 639)					



Synta Semant	egment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: cic Notes: omments:	130 Heading Optiona >1 To spec 1 If IT requ 2 If IT 2 If IT 3 If IT 1 ITD a la 1 If th eith ITD EDIFICE not be		ITC is r to d uire is "C	013 is required. determine d and 05", then
			e of this segment to override standard terms and co y discouraged.	ndit	ions is
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>			<u>ributes</u>
	ITD01	336	Terms Type CodeCode identifying type of payment termsEDIFICE Usage: ADVISED.01Basic	0	ID 2/2
	ITD02	333	Terms Basis Date Code	0	ID 1/2
			Code identifying the beginning of the terms period EDIFICE Usage: ADVISED.	-	,-
			1 Ship Date 2 Delivery Date		
			3 Invoice Date		
	ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent the purchaser if an invoice is paid on or before the Discount Due Date	t, av	
Net		270	EDIFICE Usage: ADVISED.	v	
Not Used	ITD04	370	Terms Discount Due Date	Х	DT 8/8
USEU			Date payment is due if discount is to be earned ex format CCYYMMDD	-	
	ITD05	351	Terms Discount Days Due		N0 1/3
			Number of days in the terms discount period by while is due if terms discount is earned	nich	payment
			EDIFICE Usage: DEPENDING. Required if ITD03 is a	used	1.



Not Used	ITD06	446	Terms Net Due Date	0	DT 8/8
			Date when total invoice amount becomes due exp format CCYYMMDD	ed in	
	ITD07	386	Terms Net Days Number of days until total invoice amount is due (applicable)		NO 1/3 ount not
			EDIFICE Usage: ADVISED.		
Not Used	ITD08	362	Terms Discount Amount	0	N2 1/10
			Total amount of terms discount		
Not Used	ITD09	388	Terms Deferred Due Date	0	DT 8/8
			Date deferred payment or percent of invoice payable expressed in format CCYYMMDD	ole is	s due
Not	ITD10	389	Deferred Amount Due	х	N2 1/10
Used	IIDIO	505	Deletted Allount Due	Λ	NZ 1/10
oscu			Deferred amount due for payment		
Not	ITD11	342	Percent of Invoice Payable	Х	R 1/5
Used					
Not	ITD12	352	Amount of invoice payable expressed in percent Description	ο	AN 1/80
Used				-	,
			A free-form description to clarify the related data	elen	nents and
Nat	ITD13	765	their content	v	NO 1/2
Not Used	11013	765	Day of Month	Х	N0 1/2
USEU			The numeric value of the day of the month betwee	n 1	and the
			maximum day of the month being referenced		
Not	ITD14	107	Payment Method Code	0	ID 1/2
Used			Code identifying type of payment procedures Refer to 004010 Data Element Dictionary for accep	otab	le code
			values.		
Not	ITD15	954	Percent	0	R 1/10
Used			Percentage expressed as a decimal		



Synt	Segment: Position: Loop: Level: Usage: Max Use: Purpose: tax Notes: otic Notes: omments: Notes:	DTM Date/Time Reference 150 Heading Optional 10 To specify pertinent dates and times 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. EDIFICE Usage: DEPENDING. If Purchase Order Type on BEG is "BE" or "BK", use, if needed, to convey expiration date of blanket order.					
			Data Element Summary				
М	Ref. <u>Des.</u> DTM01	Data <u>Element</u> 374		Μ	ributes ID 3/3 time		
	DTM02	373	Date	Х	DT 8/8		
Not	DTM03	337	Date expressed as CCYYMMDD EDIFICE Usage: REQUIRED. Expiration date of bla Time	nket X	order. TM 4/8		
Used		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00- 23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
Not Used	DTM04	623	Time Code	0	ID 2/2		
Not Used	DTM05	1250	Code identifying the time. In accordance with Inte Standards Organization standard 8601, time can a + or – and an indication in hours in relation to L Coordinate (UTC) time; since + is a restricted char are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acce values. Date Time Period Format Qualifier	be sp Jnive racte v	becified by rsal Time r, + and -		
USEU			Code indicating the date format, time format, or c format Refer to 004010 Data Element Dictionary for acce values.				



Not Used	DTM06	ГМО6 1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, tin and times	nes d	or dates



S	egment:	PWK	Paperwork							
	Position:	210								
	Loop:									
	Level:	Heading								
	Usage: Max Use:	Optiona 25	ll i							
	Purpose:	To iden	25 To identify the type or transmission or both of paperwork or supporting information							
	ax Notes: tic Notes:	1 If eit	• ·• · · · · · · · · · ·							
	omments:		05 and PWK06 may be used to identify the addressenber.	ee b	y a code					
		2 PWK	07 may be used to indicate special information to b	e sł	nown on					
			specified report. 08 may be used to indicate action pertaining to a re	por	t.					
	Notes:		Usage: OPTIONAL. This segment is used to specify							
		of delive required	ery of Certificates of Compliance and the number of J.	cop	pies					
			Data Element Summary							
	Ref.	Data		_						
м	<u>Des.</u> PWK01	Element 755		<u>Attı</u> M	ributes					
М	PWKUI		Report Type Code Code indicating the title or contents of a document		, _					
			supporting item	.,						
			CP Certificate of Compliance (Materia Certification)	al						
	PWK02	756	Report Transmission Code	0	ID 1/2					
			Code defining timing, transmission method or form	nat l	oy which					
			reports are to be sent EDIFICE Usage: ADVISED.							
			WS With Shipment (With Package)							
	PWK03	757	Report Copies Needed	0	N0 1/2					
			The number of copies of a report that should be se	nt t	o the					
			addressee							
Not	PWK04	98	EDIFICE Usage: ADVISED. Entity Identifier Code	0	ID 2/3					
Used		50		Ŭ	10 275					
			Code identifying an organizational entity, a physica	al lo	cation,					
			property or an individual							
			Refer to 004010 Data Element Dictionary for accep values.	tabl	e code					
Not	PWK05	66	Identification Code Qualifier	х	ID 1/2					
Used										
			Code designating the system/method of code strue	ctur	e used for					
			Identification Code (67)	tabl	a cada					
			Refer to 004010 Data Element Dictionary for accep values.	ιαυ						
Not Used	PWK06	67	Identification Code	Х	AN 2/80					



Code identifying a party or other code



Not Used	PWK07	352	Description	0	AN 1/80			
oscu			A free-form description to clarify the related data elements and their content					
Not Used	PWK08	C002	Actions Indicated	0				
Not Used	C00201	704	Actions to be performed on the piece of paperwor Paperwork/Report Action Code	rk ide M	entified ID 1/2			
oscu			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce	to ic	lentify the			
Not Used	C00202	704	values. Paperwork/Report Action Code	0	ID 1/2			
USEU			Code specifying how the paperwork or report that is identified the PWK segment relates to the transaction set or to identify t action that is required Refer to 004010 Data Element Dictionary for acceptable code					
Not Used	C00203	704	values. Paperwork/Report Action Code	0	ID 1/2			
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	lentify the			
Not Used	C00204	704	Paperwork/Report Action Code	0	ID 1/2			
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	lentify the			
Not Used	C00205	704	Paperwork/Report Action Code	0	ID 1/2			
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	lentify the			
Not Used	PWK09	1525	Request Category Code	0	ID 1/2			
USCU .			Code indicating a type of request Refer to 004010 Data Element Dictionary for acce values.	ptab	le code			



Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
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:	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:	EDIFICE Usage: OPTIONAL.
	It is RECOMMENDED that this data be communicated when the trading partners allow a change to the carrier via EDI.
	Data Element Summan/
Ref.	Data Element Summary Data

Ref.	Data		-	
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
TD501	133	Routing Sequen	ce Code	O ID 1/2
		Code describing shipment mover	the relationship of a carrier to a s nent	pecific
		-	DEPENDING. Use Routing Sequend ring each carrier and sequence.	e Code when
		0	Origin Carrier (Air, Motor, or Oce	an)
TD502	66	Identification C	ode Qualifier	X ID 1/2
		Code designatin	g the system/method of code stru	cture used for
		Identification Co	de (67)	
		EDIFICE Usage:	REQUIRED.	
		2	Standard Carrier Alpha Code (SCA	AC)
		9	D-U-N-S+4, D-U-N-S Number v	vith Four
			Character Suffix	
		14	UCC/EAN Location Code Prefix	
			The first part of a 13 digit UCC/E	AN Location
			Code within the Uniform Code Co	ouncil (UCC)
			and International Article Number	Association
			(EAN) numbering system. A glob	ally unique 3
			to 10 digit code for the identification	ition of a
			company	



				•	
			91 Assigned by Seller or Seller's		
		67	92 Assigned by Buyer or Buyer's	-	AN 2/00
	TD503	67	Identification Code	X	AN 2/80
			Code identifying a party or other code EDIFICE Usage: REQUIRED.		
	TD504	91	Transportation Method/Type Code	Х	ID 1/2
	10304	51	Code specifying the method or type of transp		
			shipment	ortation	
			EDIFICE Usage: ADVISED.		
			A Air		
			AE Air Express		
			B Barge		
			BP Book Postal		
			D Parcel Post		
			H Customer Pickup		
			L Contract Carrier		
			M Motor (Common Carrier)		
			P Private Carrier		
	TDEAF	207	U Private Parcel Service	V	ANI 1 /2F
	TD505	387	Routing	X	AN 1/35
			Free-form description of the routing or reque	sted rout	ling for
			shipment, or the originating carrier's identity EDIFICE Usage: ADVISED.		
Not	TD506	368	Shipment/Order Status Code	Х	ID 2/2
Used	10300	208	Shiphent/Order Status Code	~	
osca			Code indicating the status of an order or ship	ment or	the
			disposition of any difference between the qua		
			the quantity shipped for a line item or transac	-	
			Refer to 004010 Data Element Dictionary for		le code
			values.		
Not	TD507	309	Location Qualifier	0	ID 1/2
Used					
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for	acceptab	le code
	TDEAA	21.0	values.	X	
Not	TD508	310	Location Identifier	X	AN 1/30
Used			Code which identifies a specific location		
	TD509	731	Code which identifies a specific location Transit Direction Code	0	ID 2/2
	10309	751	The point of origin and point of direction	0	
			EDIFICE Usage: DEPENDING. Advised if TD51	0 and TE)511 are
			used.		
			SB Seller to Buyer		
	TD510	732	Transit Time Direction Qualifier	0	ID 2/2
			Code specifying the value of time used to me	asure the	
			time		
			EDIFICE Usage: DEPENDING. Use if TD511 us	ed. Wor	king days
			are the seller's working days. The difference	in compa	nies'
			working calendars is a trading partner issue.		
			CD Calendar Days (Includes wee	ekends ar	nd
			Holidays)		



WD

Working Days (Excludes weekends and holidays)



	TD511	733	Transit Time The numeric amount of transit time	X	R 1/4		
			EDIFICE Usage: DEPENDING. Transit days for the c specified. The transit time must be provided if this used to change the default carrier that has been ac the trading partners.	is se	gment is		
Not Used	TD512	284	Service Level Code	Х	ID 2/2		
			Code indicating the level of transportation service service offered by the transportation carrier Refer to 004010 Data Element Dictionary for accep		-		
Not Used	TD513	284	values. Service Level Code	х	ID 2/2		
			Code indicating the level of transportation service service offered by the transportation carrier Refer to 004010 Data Element Dictionary for accep values.		-		
Not Used	TD514	284	Service Level Code	0	ID 2/2		
oscu			Code indicating the level of transportation service or the billing service offered by the transportation carrier Refer to 004010 Data Element Dictionary for acceptable code values.				
Not Used	TD515	26	Country Code	0	ID 2/3		
USEU			Code identifying the country				



Segment:	N1 Name
Position:	310
Loop:	N1 Optional
Level:	Heading
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:	 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:	EDIFICE Usage: REQUIRED.
	This segment is used to identify the parties involved in the transaction.

This segment is used to identify the parties involved in the transaction. It is encouraged that the trading partners codify all addresses within their system. The use of only the N1 segment with Bill-to and Ship-to values is encouraged.

Data Element Summary

Def	Data	Duta Eleme	ine Sammary		
Ref.	Data				
<u>Des.</u>	<u>Element</u>			<u>Attr</u>	<u>ributes</u>
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying	an organizational entity, a physica	al loo	cation,
		property or an in	dividual		
		28	Subcontractor		
		AK	Party to Whom Acknowledgment	Shou	uld Be Sent
		ВТ	Bill-to-Party		
		BY	Buying Party (Purchaser)		
		CN	Consignee		
		DB	Distributor Branch		
		DS	Distributor		
		EN	End User		
		MA	Party for whom Item is Ultimately	Inte	nded
		MF	Manufacturer of Goods		
		PG	Prime Contractor		
		RI	Remit To		
		SE	Selling Party		
		ST	Ship To		
		SU	Supplier/Manufacturer		
N102	93	Name		Х	AN 1/60
		Free-form name			
		EDIFICE Usage: A	ADVISED.		
					

М



	N103	66	Identification (Code designation Identification C	ng the system/method of code stru		ID 1/2 re used for		
			EDIFICE Usage:	EDIFICE Usage: DEPENDING. Required if N104 used.				
			1	1 D-U-N-S Number, Dun & Bradstreet				
			9	D-U-N-S+4, D-U-N-S Number w	vith	Four		
				Character Suffix				
			14	UCC/EAN Location Code Prefix				
				The first part of a 13 digit UCC/E				
				Code within the Uniform Code Co				
				and International Article Number				
				(EAN) numbering system. A glob to 10 digit code for the identification of the second system.				
				company		IUIA		
			91	Assigned by Seller or Seller's Age	nt			
			92	Assigned by Buyer or Buyer's Age				
	N104	67	Identification (X	AN 2/80		
			Code identifyin	g a party or other code		,		
			EDIFICE Usage:					
Not Used	N105	706	Entity Relation	ship Code	0	ID 2/2		
			Code describine	g entity relationship				
				0 Data Element Dictionary for acce	otab	le code		
			values.					
Not Used	N106	98	Entity Identifie	r Code	0	ID 2/3		
			Code identifying property or an i	g an organizational entity, a physic ndividual	al lo	ocation,		
				0 Data Element Dictionary for acce	otab	le code		



М

Seg	gment:	N2 A	Additional Name Information		
	osition: Loop: Level: Usage: ax Use:	320 N1 Heading Optiona 2			
Syntax Semantic	urpose: Notes: Notes: ments:	To spec	ify additional names or those longer than 35 chara	cters	in length
	Notes:		Usage: OPTIONAL. Use only when address informative eyed via an Identification Code on the N1 segment.		i cannot
			Data Element Summary		
	Ref.	Data			
М	<u>Des.</u> N201	<u>Element</u> 93	<u>Name</u> Name Free-form name	<u>Attı</u> M	<u>ributes</u> AN 1/60
	N202	93	Name Free-form name	0	AN 1/60

EDIFICE Usage: OPTIONAL.



М

Se	gment:	N3 /	Address Information		
Р	osition:	330			
	Loop:	N1	Optional		
	Level:	Heading)		
	Usage:	Optiona	l		
м	ax Use:	2			
Р	urpose:	To spec	ify the location of the named party		
-	Notes:				
Semantio					
Con	iments:				
	Notes:		Usage: OPTIONAL. Use only when address informa	tion	cannot
		be conv	eyed via an Identification Code on the N1 segment.		
			Data Element Summary		
	Ref.	Data	•		
	<u>Des.</u>	<u>Element</u>	Name	<u>Attr</u>	<u>ributes</u>
М	N301	166	Address Information	М	AN 1/55
			Address information		
	N302	166	Address Information	0	AN 1/55
			Address information		

EDIFICE Usage: OPTIONAL.



Se	egment:	N4 (Geographic Location		
	Position:	340			
	Loop:	N1	Optional		
	Level:	Heading			
	Usage:	Optiona	5		
N	Max Use:	>1	~		
	Purpose:		ify the geographic place of the named party		
	x Notes:		406 is present, then N405 is required.		
	c Notes:		foo is present, then thros is required.		
	mments:	1 A co	ombination of either N401 through N404, or N405 a	and	N406 may
	innenes.		adequate to specify a location.	ina	it ioo may
			D2 is required only if city name (N401) is in the U.S.	or C	anada
	Notes:		Usage: OPTIONAL. Use only when address information		
	Notes.		veyed via an Identification Code on the N1 segment.		reamot
			reyed via an identification code on the ivit segment.		
			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		<u>ributes</u>
	N401	19	City Name	0	AN 2/30
			Free-form text for city name		
			EDIFICE Usage: ADVISED.		
	N402	156	State or Province Code	0	ID 2/2
			Code (Standard State/Province) as defined by appro	opria	ate
			government agency		
			EDIFICE Usage: OPTIONAL.		
	N403	116	Postal Code	0	ID 3/15
			Code defining international postal zone code exclu	uding	g
			punctuation and blanks (zip code for United States		-
			EDIFICE Usage: ADVISED.		
	N404	26	Country Code	0	ID 2/3
			Code identifying the country		
			EDIFICE Usage: ADVISED.		
Not Used	N405	309	Location Qualifier	Х	ID 1/2
			Code identifying type of location		
			Refer to 004010 Data Element Dictionary for accept	otab	le code
			values.	-	
Not Used	N406	310	Location Identifier	0	AN 1/30
usea			Code which identifies a specific location		



Se	gment:	PER	Administrat	ive Communications Con	tact				
	Position: Loop: Level: Usage:	Optiona							
	Max Use: Purpose:		tify a person or be directed	office to whom administrative	commun	ications			
Synta	x Notes:	1 Ifei 2 Ifei	ther PER03 or P ther PER05 or P	ER04 is present, then the other ER06 is present, then the other ER08 is present, then the other	r is requir	ed.			
	c Notes: mments: Notes:			D. Electronic Industry use sho					
				for originating the purchase of		,			
	Ref.	Data	Data Eler	nent Summary					
М	Des. PER01	Element 366	<u>Name</u> Contact Funct	ion Code	<u>Att</u> M	<u>ributes</u> ID 2/2			
			Code identifyir group named BD CW EX IC RD	ng the major duty or responsib Buyer Name or Department Confirmed With Expeditor Information Contact	ility of the	e person or			
	PER02	93	Name Free-form nam	Receiving Dock	Ο	AN 1/60			
	PER03	365	Code identifyir	ADVISED. ADVISED. And the type of communication r DEPENDING. Use if PER04 us Electronic Mail Telephone Telex TWX		ID 2/2			
	PER04	364	Complete com code when app EDIFICE Usage	on Number munications number including plicable ADVISED. If Communications	country o Number	Qualifier			
Net		205	1212X1234.	elephone), the proposed format					
Not Used	PER05	365		on Number Qualifier	X	ID 2/2			
				ng the type of communication n I O Data Element Dictionary for		le code			
Not Used	PER06	364	Communicatio	on Number	Х	AN 1/80			



			Complete communications number including cour code when applicable	try o	or area	
Not Used	PER07	365	Communication Number Qualifier	Х	ID 2/2	
			Code identifying the type of communication number Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	PER08	364	Communication Number	Х	AN 1/80	
			Complete communications number including country or area code when applicable			
Not Used	PER09	443	Contact Inquiry Reference	0	AN 1/20	
			Additional reference number or description to clarify a contact number			



48

Position: 010 Loop: PO1 Mandatory Level: Detail Mandatory Max Use: 1 Purpos: To specify basic and most frequently used line item data Syntax Notes: 1 If PO103 is present, then PO102 is required. 2 If PO105 or PO107 is present, then the other is required. 3 If either PO106 or PO107 is present, then the other is required. 4 I either PO110 or PO111 is present, then the other is required. 5 If either PO112 or PO113 is present, then the other is required. 6 I feither PO116 or PO117 is present, then the other is required. 7 If either PO12 or PO123 is present, then the other is required. 10 I either PO12 or PO123 is present, then the other is required. 11 I feither PO123 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required. 11 I feither PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. Notes: There is one PO1 segment for each different part number. A limit of 99 or fewer PO1 segment for each different part number. A limit of 99 or fewer PO1 segment for each different part number. A signed identification	Segment:	PO1	Baseline Item Data	
Syntax Notes: 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO107 is present, then the other is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO116 or PO117 is present, then the other is required. 8 If either PO118 or PO119 is present, then the other is required. 9 If either PO120 or PO121 is present, then the other is required. 10 If either PO120 or PO123 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO122 or PO123 is present, then the other is required. 12 If either PO122 or PO125 is present, then the other is required. 12 If either PO122 or PO125 is present, then the other is required. 13 See the Data Element Dictionary for a complete list of IDs. 2 PO101 is the line item identification. 3 PO102 browide for ten different part number. A limit of 99 or fewer PO1 segments per order is strongly encouraged. The Product ID Qualifiers and Product ID Should completely specify the parts being ordereed. PO101 350<	Loop: Level: Usage: Max Use:	PO1 Detail Mandat 1	ory	
Comments:1See the Data Element Dictionary for a complete list of IDs. 22PO101 is the line item identification. 3PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.Notes:There is one PO1 segment for each different part number. A limit of 99 or fewer PO1 segments per order is strongly encouraged. The Product ID Qualifiers and Product ID should completely specify the parts being ordered.Ref.Data ElementName Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: DEPENDING. Line item number (Assigned Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders.P0102330Quantity Ordered Quantity ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the	Syntax Notes:	 If PC If PC If ei 	D103 is present, then PO102 is required. D105 is present, then PO104 is required. ther PO106 or PO107 is present, then the other is r ther PO108 or PO109 is present, then the other is r ther PO110 or PO111 is present, then the other is r ther PO112 or PO113 is present, then the other is r ther PO114 or PO115 is present, then the other is r ther PO116 or PO117 is present, then the other is r ther PO118 or PO119 is present, then the other is r ther PO120 or PO121 is present, then the other is r ther PO120 or PO121 is present, then the other is r	equired. equired. equired. equired. equired. equired. equired. equired.
Notes:There is one PO1 segment for each different part number. A limit of 99 or fewer PO1 segments per order is strongly encouraged. The Product ID Qualifiers and Product ID should completely specify the parts being ordered.Data Element SummaryData ElementAttributes O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: DEPENDING. Line item number (Assigned Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders.P0102330Quantity Ordered Quantity ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the		2 PO1 3 PO1 per	01 is the line item identification. 06 through PO125 provide for ten different produc each item. For example: Case, Color, Drawing No.,	t/service IDs
Ref.DataAttributesDes.ElementNameAttributesPO101350Assigned IdentificationO AN 1/20Alphanumeric characters assigned for differentiation within a transaction setAlphanumeric characters assigned for differentiation within a transaction setEDIFICE Usage: DEPENDING. Line item number (Assigned Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders.PO102330Quantity Ordered Quantity Ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the	Notes:	There is or fewe Qualifie	s one PO1 segment for each different part number. r PO1 segments per order is strongly encouraged. rs and Product ID should completely specify the par	The Product ID
Des. PO101Element 350Name Assigned Identification Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: DEPENDING. Line item number (Assigned Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders.PO102330Quantity Ordered Quantity ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the	P (D .	Data Element Summary	
Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders. EDIFICE strongly recommends using no more than 6 characters for this field. PO102 330 Quantity Ordered X R 1/15 Quantity ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the	Des.	<u>Element</u>	Assigned Identification Alphanumeric characters assigned for differentiation transaction set	O AN 1/20 on within a
for this field.PO102330Quantity OrderedQuantity orderedEDIFICE Usage: REQUIRED. The total quantity ordered for all the			Identity) is required for Stand-Alone Purchase Ord optional for Blanket Purchase orders.	ers but
Quantity ordered EDIFICE Usage: REQUIRED. The total quantity ordered for all the			for this field.	
EDIFICE Usage: REQUIRED. The total quantity ordered for all the	PO102	330		X R1/15



PO103	355	Unit or Basis for Measurement Code O ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EDIFICE Usage: REQUIRED.
PO104	212	EA Each Unit Price X R 1/17
PU104	212	Unit Price X R 1/17 Price per unit of product, service, commodity, etc.
		EDIFICE Usage: REQUIRED.
PO105	639	
P0105	029	
		Code identifying the type of unit price for an item EDIFICE Usage: REQUIRED.
		5
		DI Distributor
		HP Price per Hundred
		PE Price per Each
		QT Quoted
		TE Contract Price per Each
DO106	225	TP Price per Thousand
PO106	235	Product/Service ID Qualifier X ID 2/2
		Code identifying the type/source of the descriptive number used
		in Product/Service ID (234)
		EDIFICE Usage: REQUIRED.
		AB Assembly
		BP Buyer's Part Number
		DR Drawing Revision Number
		EC Engineering Change Level
		EN European Article Number (EAN) (2–5–5–1)
		GS General Specification Number MG Manufacturer's Part Number
		1 ,
		2
		UP U.P.C. Consumer Package Code (1-5-5-1) VP Vendor's (Seller's) Part Number
PO107	234	Product/Service ID X AN 1/48
FUIU	234	Identifying number for a product or service
		EDIFICE Usage: REQUIRED.
		EDITICE USage. REQUIRED.
		At least one occurrence of a combination of data elements 235
		(Product/Service ID Qualifier) and 234 (Product/Service ID) is
		required.
PO108	235	Product/Service ID Qualifier X ID 2/2
ruivo	233	Code identifying the type/source of the descriptive number used
		in Product/Service ID (234)
		See code list under PO106.
PO109	234	Product/Service ID X AN 1/48
PU109	234	



		in Product/Service ID (234)		
		See code list under PO106.		
PO111	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
PO112	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	e nu	mber used
		in Product/Service ID (234)		
DO112	224	See code list under PO106.	V	
PO113	234	Product/Service ID	Х	AN 1/48
PO114	235	Identifying number for a product or service	v	
PUTT4	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive	X	ID 2/2
		in Product/Service ID (234)	e nu	inder used
		See code list under PO106.		
PO115	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service	- •	,
PO116	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	e nu	mber used
		in Product/Service ID (234)		
		See code list under PO106.		
PO117	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
PO118	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	e nu	mber used
		in Product/Service ID (234) See code list under PO106.		
PO119	234	Product/Service ID	Х	AN 1/48
10115	231	Identifying number for a product or service	Λ	/
PO120	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	e nu	
		in Product/Service ID (234)		
		See code list under PO106.		
PO121	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
PO122	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	e nu	mber used
		in Product/Service ID (234) See code list under PO106.		
PO123	234	Product/Service ID	Х	AN 1/48
10125	234	Identifying number for a product or service	~	
PO124	235	Product/Service ID Qualifier	х	ID 2/2
		Code identifying the type/source of the descriptive		
		in Product/Service ID (234)		
		See code list under PO106.		
PO125	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		



S	egment:	PWK	Paperwork		
	Position:	070			
	Loop:	PO1	Mandatory		
	Level:	Detail			
	Usage: Max Use:	Optiona 25	l		
	Purpose:		tify the type or transmission or both of paperwork o	or su	pporting
	•	informa			
	ax Notes:	1 If ei	ther PWK05 or PWK06 is present, then the other is re	equi	ired.
	ic Notes:		OF and DWKOC may be used to identify the address		v a cada
Co	mments:		.05 and PWK06 may be used to identify the addressenber.	e b	y a code
			07 may be used to indicate special information to b	e sł	nown on
			specified report.		
			08 may be used to indicate action pertaining to a re		
	Notes:		Usage: OPTIONAL. This segment is used to specify ery of Certificates of Compliance and the number of		
		required		cot	Jies
	- (- .	Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name	A + +	<u>ributes</u>
М	<u>Des.</u> PWK01	755	Report Type Code		ID 2/2
			Code indicating the title or contents of a document		
			supporting item		
			CP Certificate of Compliance (Materia Certification)	1	
	PWK02	756	Report Transmission Code	0	ID 1/2
			Code defining timing, transmission method or form	-	•
			reports are to be sent		
			EDIFICE Usage: ADVISED.		
	PWK03	757	WS With Shipment (With Package) Report Copies Needed	0	N0 1/2
	IWKUJ	, ,,	The number of copies of a report that should be se	-	•
			addressee		
		~ ~	EDIFICE Usage: ADVISED.	-	
Not Used	PWK04	98	Entity Identifier Code	0	ID 2/3
Useu			Code identifying an organizational entity, a physica	al lo	cation.
			property or an individual		,
			Refer to 004010 Data Element Dictionary for accep	tab	le code
Not		66	values. Identification Code Qualifier	v	1/2
Not Used	PWK05	66	Identification Code Qualifier	Х	ID 1/2
5554			Code designating the system/method of code strue	ctur	e used for
			Identification Code (67)		
			Refer to 004010 Data Element Dictionary for accep	tabl	le code
Not	PWK06	67	values. Identification Code	х	AN 2/80
Used				~	



Code identifying a party or other code



Not Used	PWK07	352	Description	0	A	N 1/80
USCU			A free-form description to clarify the related data their content	elen	ner	nts and
Not Used	PWK08	C002	Actions Indicated	0		
Not Used	C00201	704	Actions to be performed on the piece of paperwor Paperwork/Report Action Code	k ide M		ified D 1/2
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce	to ic	len	itify the
Not Used	C00202	704	values. Paperwork/Report Action Code	0	11	D 1/2
Used			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce	to ic	len	itify the
Not Used	C00203	704	values. Paperwork/Report Action Code	0	11	D 1/2
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	len	itify the
Not Used	C00204	704	Paperwork/Report Action Code	0	11	D 1/2
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	len	itify the
Not Used	C00205	704	Paperwork/Report Action Code	0	II	D 1/2
			Code specifying how the paperwork or report that the PWK segment relates to the transaction set or action that is required Refer to 004010 Data Element Dictionary for acce values.	to ic	len	itify the
Not Used	PWK09	1525	Request Category Code	0	11	D 1/2
USEU			Code indicating a type of request Refer to 004010 Data Element Dictionary for acce values.	ptab	le	code



Segment: Position: Loop: Level: Usage:	PO4 Item Physical Details 090 PO1 Mandatory Detail Optional
Max Use: Purpose:	>1 To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:	 If either PO402 or PO403 is present, then the other is required. If PO405 is present, then PO406 is required. If either PO406 or PO407 is present, then the other is required. If either PO408 or PO409 is present, then the other is required. If PO410 is present, then PO413 is required. If PO411 is present, then PO413 is required. If PO412 is present, then PO413 is required. If PO413 is present, then at least one of PO410 PO411 or PO412 is required. If PO417 is present, then PO416 is required. If PO418 is present, then PO404 is required.
Semantic Notes:	 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package. PO416 is the package identifier or the beginning package identifier in a range of identifiers. PO417 is the ending package identifier in a range of identifiers. PO418 is the number of packages in this layer.
Comments:	 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ". PO413 defines the unit of measure for PO410, PO411, and PO412.
Notes:	EDIFICE Usage: OPTIONAL. Packaging information is conveyed using PO405, Packaging Code, in the PO4 segment. This is a 5 digit, concatenated field with the first 3 digits for "packaging form" and the final 2 for "packaging material".
- 6	Data Element Summary

				ulu L		Samme	~ y			
	Ref.	Data								
	<u>Des.</u>	<u>Element</u>	<u>Name</u>						<u>Attributes</u>	
Not	PO401	356	Pack						O N01/6	
Used					_			_		

The number of inner containers, or number of eaches if there are no inner containers, per outer container



Not Used	PO402	357	Size		х	R 1/8
Not Used	PO403	355	Size of supplier Unit or Basis fo	units in pack r Measurement Code	x	ID 2/2
USEU			manner in which	the units in which a value is being a measurement has been taken) Data Element Dictionary for acce		
	PO404	103	Packaging Code Code identifying) the type of packaging; Part 1: Pa g Material; if the Data Element is (
			EDIFICE Usage: "secondary pack	REQUIRED. These agreements ap aging", not items such as "surface to be part specifications.		
			This does not ap segment TD1.	oply to shipping packaging, which	is u	sed in
			Part 1: BLK Bulk RAL Rail (Semic REL Reel TRY Tray	onductor)		
			Part 2: 90 Standard			
			AMM BLK RAL REL TRY	Ammo Pack Bulk Rail (Semiconductor) Reel Tray		
Not	PO405	187	90 Weight Qualifie	Standard r	0	ID 1/2
Used			Code defining th	ne type of weight) Data Element Dictionary for acce	ptab	
Not Used	PO406	384	Gross Weight p	er Pack	X	R 1/9
Not Used	PO407	355		f gross weight per pack r Measurement Code	x	ID 2/2
			manner in which	the units in which a value is being a measurement has been taken) Data Element Dictionary for acce		
Not	PO408	385	Gross Volume p	er Pack	x	R 1/9
Used			Numeric value o	f gross volume per pack		



Not Used	PO409	355	Unit or Basis for Measurement Code	x	ID 2/2
USEU			Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep	-	
Not Used	PO410	82	values. Length	x	R 1/8
oscu			Largest horizontal dimension of an object measure	ed w	hen the
Not Used	PO411	189	object is in the upright position Width	x	R 1/8
oscu			Shorter measurement of the two horizontal dimen	sion	S
Not Used	PO412	65	measured with the object in the upright position Height	x	R 1/8
obcu			Vertical dimension of an object measured when th the upright position	e ob	ject is in
Not Used	PO413	355	Unit or Basis for Measurement Code	x	ID 2/2
			Code specifying the units in which a value is being manner in which a measurement has been taken	•	
			Refer to 004010 Data Element Dictionary for accervalues.	ptab	le code
Not Used	PO414	810	Inner Pack	0	NO 1/6
Not Used	PO415	752	The number of eaches per inner container Surface/Layer/Position Code	0	ID 2/2
USEU			Code indicating the product surface, layer or posit	ion	that is
			being described Refer to 004010 Data Element Dictionary for acce	ptab	le code
Not	PO416	350	values. Assigned Identification	х	AN 1/20
Used			Alphanumeric characters assigned for differentiati	on v	vithin a
Not	PO417	350	transaction set Assigned Identification	0	AN 1/20
Used	10417	550	-	-	
			Alphanumeric characters assigned for differentiati transaction set	on v	vitnin a
Not Used	PO418	1470	Number	0	N0 1/9
			A generic number		



	Segment:	REF	Reference Id	entification		
	Position:	100				
	Loop:	PO1	Mandatory			
	Level:	Detail	mandatory			
	Usage:	Optiona	al			
	Max Use:	>1				
	Purpose:		ify identifying in			
Sy	ntax Notes:			2 or REF03 is required.		
				C04004 is present, then the other		
~				C04006 is present, then the other		uired.
	antic Notes: Comments:	1 REF	04 contains data	relating to the value cited in REF	02.	
	Notes:			AL. This segment is used for refe	ronco	numbors
	notes.			both trading partners. There is a		
				At the line item level, the REF se		
				ifiers that continue the list of ider		
		PO1 sec	•			
	D. C	Data	Data Elem	ient Summary		
	Ref.	Data	Nama		A ++	ibutos
м	<u>Des.</u> REF01	<u>Element</u> 128		tification Qualifier		<u>ibutes</u> ID 2/3
IVI	KEFUT	120		the Reference Identification	IVI	10 2/3
			CJ	Clause Number		
			DQ	Delivery Quote Number		
			GC	Government Contract Number		
			GP	Government Priority Number		
			IT	Internal Customer Number		
			PH	Priority Rating		
			PR	Price Quote Number		
			RE	Release Number		
				While release number may be ca		
				header level, it is recommended		
				number be carried in an REF see line item level.	gment	at the
			VN	Vendor Order Number		
	REF02	127	Reference Iden		Х	AN 1/30
				mation as defined for a particular		
				by the Reference Identification Qu		

EDIFICE Usage: REQUIRED.

Description

REF03

352

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

X AN 1/80



Not Used	REF04	C040	Reference Identifier	0	
			To identify one or more reference numbers or iden numbers as specified by the Reference Qualifier	tific	ation
Not Used	C04001	128	Reference Identification Qualifier	М	ID 2/3
USCU			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	C04002	127	Reference Identification	Μ	AN 1/30
USEU			Reference information as defined for a particular T or as specified by the Reference Identification Qua		
Not Used	C04003	128	Reference Identification Qualifier	Χ	
USEU			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	C04004	127	Reference Identification	Х	AN 1/30
oscu			Reference information as defined for a particular T or as specified by the Reference Identification Qua		
Not Used	C04005	128	Reference Identification Qualifier	X	
Useu			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	C04006	127	Reference Identification	Χ	AN 1/30
USCU			Reference information as defined for a particular T or as specified by the Reference Identification Qua		



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:	I 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.
Commonto	 7 SAC16 is used to identify the language being used in SAC15. 1 SAC04 may be used to uniquely identify the convice promotion.
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
	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:	EDIFICE Usage: OPTIONAL. Used to specify inspection requirements and
NULES.	other special services or allowances in the electronics industry. If
	multiple inspections, services or allowances are required, multiple
	records are sent.



	Ref.	Data	Data Element Summary		
	Des.	Data <u>Element</u>	Name	^ ++	<u>ributes</u>
М	SAC01	248	Allowance or Charge Indicator		ID 1/1
IVI	JACUI	240	Code which indicates an allowance or charge for the		
			specified		
			A Allowance		
			C Charge		
			N No Allowance or Charge		
	SAC02	1300	Service, Promotion, Allowance, or Charge Code		
			Code identifying the service, promotion, allowance,		charge
			EDIFICE Usage: REQUIRED. Other codes than those		
			recommended by EDIFICE may be used by trading p	arti	ner
			agreement. B020 Certificate of Conformance		
			B030 Certificate of Origin		
			D370 Government Inspection		
			D870 Inspection		
			E840 Notarized Affidavit		
			G780 Ship to Stock Quality Audit		
			G990 Source Inspection		
	64600		H000 Special Allowance	v	
	SAC03	559	Agency Qualifier Code		ID 2/2
			Code identifying the agency assigning the code value EDIFICE Usage: OPTIONAL.	ues	
			AX ANSI Accredited Standards Comm	itte	e, X12
Not	SAC04	1301	Agency Service, Promotion, Allowance, or		ÁN 1/10
Used			Charge Code		
			Agency maintained code identifying the service, pro	omo	otion,
	CACOF	610	allowance, or charge	~	NO 1/15
	SAC05	010	Amount Monetary amount	0	N2 1/15
			EDIFICE Usage: DEPENDING. Use if a monetary amo	oun	t is
			associated with the charge or allowance.	oun	
Not	SAC06	378	Allowance/Charge Percent Qualifier	Х	ID 1/1
Used			_		
			Code indicating on what basis allowance or charge	per	cent is
			calculated		
			Refer to 004010 Data Element Dictionary for accep	tabl	e code
Not	SAC07	332	values. Percent	х	R 1/6
Used	JACUT	332	reicent	^	K 1/0
			Percent expressed as a percent		
Not	SAC08	118	Rate	0	R 1/9
Used					
			Rate expressed in the standard monetary denomina	atio	n for the
Net	64600	255	currency specified	v	
Not Used	SAC09	355	Unit or Basis for Measurement Code	Х	ID 2/2
Used			Code specifying the units in which a value is being	eyn	ressed or
			manner in which a measurement has been taken	cvh	

Refer to 004010 Data Element Dictionary for acceptable code



values.



Not Used	SAC10	380	Quantity	Х	R 1/15
Not Used	SAC11	380	Numeric value of quantity Quantity	0	R 1/15
	SAC12	331	Numeric value of quantity Allowance or Charge Method of Handling Code Code indicating method of handling for an allowar		
			EDIFICE Usage: ADVISED. 06 Charge to be Paid by Customer		
Not Used	SAC13	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular T		
Net	64614	770	or as specified by the Reference Identification Qua		
Not Used	SAC14	770	Option Number	0	AN 1/20
oscu			A unique number identifying available promotion of	or al	lowance
Not Used	SAC15	352	options when more than one is offered Description	x	AN 1/80
Useu			A free-form description to clarify the related data their content	elen	ients and
Not Used	SAC16	819	Language Code	0	ID 2/3
USCU			Code designating the language used in text, from code list maintained by the International Standards (ISO 639)		



Synt Seman	egment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: tic Notes: omments: Notes:	295 SCH Detail Optiona 1 To spec 1 If SC 2 If SC 3 If SC 4 If SC 1 SCH 1 SCH EDIFICE Order w partner	cify the data for scheduling a specific line-item CH03 is present, then SCH04 is required. CH08 is present, then at least one of SCH09 or SCH CH09 is present, then SCH08 is required. CH10 is present. CH10 is present. CH10 is present. CH10 is	06 an De is e trac	nd SCH07. Blanket Jing
		blanket		. 1	
			H always communicates the buyer's item schedule i nics industry.	n the	e
			Data Element Summary		
	Ref.	Data			
	<u>Des.</u>	<u>Element</u>			<u>ributes</u>
М	SCH01	380	Quantity Numeric value of quantity	М	R 1/15
Μ	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being manner in which a measurement has been taken EA Each	M g exp	ID 2/2 pressed, or
Not	SCH03	98	Entity Identifier Code	0	ID 2/3
Used			Code identifying an organizational entity, a physic property or an individual Refer to 004010 Data Element Dictionary for acce values.		
Not Used	SCH04	93	Name	X	AN 1/60

Free-form name



М	SCH05	374	Date/Time QualifierCode specifying type of date or time, or both date002Delivery Requested010Requested Ship036ExpirationDate coverage expiresUse when generating a "dummy"for Blanket Order with EstimatedQuantities/No Firm Deliveries.037Ship Not Before038Ship No Later	SCH	
			063Do Not Deliver After064Do Not Deliver Before		
М	SCH06	373	112 Buyers Dock Date	м	DT 8/8
Not	SCH07	337	Date expressed as CCYYMMDD Time	0	TM 4/8
Used Not	SCH08	374	Time expressed in 24-hour clock time as follows: HHMMSS, or HHMMSSD, or HHMMSSDD, where H = 23), M = minutes (00–59), S = integer seconds (00 = decimal seconds; decimal seconds are expressed = tenths (0–9) and DD = hundredths (00–99) Date/Time Qualifier	= ho 0–59	urs (00-)) and DD
Used			Code specifying type of date or time, or both date Refer to 004010 Data Element Dictionary for acce values.		
Not Used	SCH09	373	Date	X	DT 8/8
Not Used	SCH10	337	Date expressed as CCYYMMDD Time	x	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMMSS, or HHMMSSD, or HHMMSSDD, where H = 23), M = minutes (00-59), S = integer seconds (00 = decimal seconds; decimal seconds are expressed = tenths (0-9) and DD = hundredths (00-99)	= ho 0–59	urs (00-)) and DD
Not Used	SCH11	326	Request Reference Number	0	AN 1/45
			Reference number or RFQ number to use to identi- transaction set and query (additional reference nu- description which can be used with contract numb	mbe	r or
Not Used	SCH12	350	Assigned Identification Alphanumeric characters assigned for differentiati transaction set	O on w	AN 1/20 /ithin a



Segment:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	297
Loop:	SCH 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:	EDIFICE Usage: OPTIONAL.
	It is RECOMMENDED that this data be communicated when the trading
	partners allow a change to the carrier via EDI.

Data Element Summary

Ref. <u>Des.</u> TD501	Data <u>Element</u> 133	Name Routing Sequence Code	<u>Attributes</u> O ID 1/2
		Code describing the relationship of a carrier to a sy shipment movement	pecific
		EDIFICE Usage: DEPENDING. Use Routing Sequence explicitly specifying each carrier and sequence.	e Code when:
		O Origin Carrier (Air, Motor, or Oce	an)



TD502	66	Code designatin	g the system/method of code strue		ID 1/2 e used for
		EDIFICE Usage:			
		1 2	Standard Carrier Alpha Code (SCA	AC)	
		8			on Prefix
			-		n Code
			• •		
			14 or SSCC-18		_
		9		ith I	Four
		91		nt	
		92	Assigned by Buyer or Buyer's Age		
TD503	67			Х	AN 2/80
TD504	91	Transportation	Method/Type Code		ID 1/2
			the method or type of transportati	on f	for the
		-	ADVISED.		
		A	Air		
			Air Express		
		D	Parcel Post		
		Н	Customer Pickup		
			· · · · · ·		
		U	Private Parcel Service		
TD505	387	Routing			AN 1/35
				rout	ing for
TD506	368			Χ	ID 2/2
		Code indicating	the status of an order or shipment	or t	he
		disposition of ar	ny difference between the quantity		
			Data Element Dictionary for accep	tab	ie code
TD507	309		ier	0	ID 1/2
				otab	le code
	TD503 TD504 TD505 TD506	TD503 67 TD504 91 TD505 387 TD506 368	9 9 9 9 9 9 9 1 2 8 7 7 7 7 9 9 9 9 9 9 9 7 7 7 9 9 9 9 7 7 7 9 1 9 1 9 1 9 1 1 9 1 1 9 1 1 1 9 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1	 Code designating the system/method of code struul dentification Code (67) EDIFICE Usage: REQUIRED. D-U-N-S Number, Dun & Bradstr. Standard Carrier Alpha Code (SC/ 8 UCC/EAN Global Product Identific The first part of a UCC/EAN Product Identific The first part of a UCC/EAN Product Identific Council (UCC) and International A Association (EAN) numbering sys unique 3 to 10 digit code for the of the company assigning the ren ID code, such as U.P.C., EAN-13, 14 or SSEC-18 D-U-N-S+4, D-U-N-S Number w Character Suffix Assigned by Seller or Seller's Age 92 Assigned by Buyer or Buyer's Age TD503 67 Identification Code Code identifying a party or other code EDIFICE Usage: REQUIRED. TTosportation Method/Type Code Code specifying the method or type of transportati shipment EDIFICE Usage: ADVISED. A Air AE Air Express B Barge BP Book Postal D Parcel Post H Customer Pickup L Contract Carrier M Motor (Common Carrier) P Private Carrier U Private Parcel Service TD505 387 Routing Free-form description of the routing or requested shipment/Order Status Code Code indicating the status of an order or shipment disposition of any difference between the quantity the quantity shipped for a line item or transaction Refer to 004010 Data Element Dictionary for accep values. TD507 309 Location Qualifier Code identifying type of location 	 Code designating the system/method of code structur Identification Code (67) EDIFICE Usage: REQUIRED. D-U-N-S Number, Dun & Bradstreet Standard Carrier Alpha Code (SCAC) UCC/EAN Global Product Identification The first part of a UCC/EAN Product Identification Code within the Uniforr Council (UCC) and International Artic Association (EAN) numbering system unique 3 to 10 digit code for the ider of the company assigning the remain ID code, such as U.P.C., EAN-13, SCC 14 or SSCC-18 D-U-N-S+4, D-U-N-S Number with I Character Suffix Assigned by Seller or Seller's Agent Code identifying a party or other code EDIFICE Usage: REQUIRED. TD504 91 Transportation Method/Type Code X Code specifying the method or type of transportation f shipment EDIFICE Usage: ADVISED. A Air AE Air Express B Barge BP Book Postal D Parcel Post H Customer Pickup L Contract Carrier M Motor (Common Carrier) P Private Parcel Service TD505 387 Routing X Free-form description of the routing or requested rout shipment, or the originating carrier's identity EDIFICE Usage: ADVISED. TD506 368 Shipment/Order Status Code X Code indicating the status of an order or shipment or of disposition of any difference between the quantity or the quantity shipped for a line item or transaction Refer to 004010 Data Element Dictionary for acceptab values. TD507 309 Location Qualifier O



Not	TD508	310	values. Location Identifier	x	AN 1/30
Used	TD509	731	Code which identifies a specific location Transit Direction Code The point of origin and point of direction	0	ID 2/2
			EDIFICE Usage: DEPENDING. Advised if TD510 an used.	d TE	0511 are
	TD510	732	SB Seller to Buyer Transit Time Direction Qualifier Code specifying the value of time used to measure time	0 e the	ID 2/2 transit
			EDIFICE Usage: DEPENDING. Use if TD511 used. are the seller's working days. The difference in co working calendars is a trading partner issue.		
			CW Calendar Weeks (7 Day) WD Working Days (Excludes weekend holidays)	ls ar	nd
	TD511	733	Transit Time The numeric amount of transit time	x	R 1/4
			EDIFICE Usage: DEPENDING. Transit days for the especified. The transit time must be provided if the used to change the default carrier that has been as the trading partners.	is se	gment is
Not Used	TD512	284	Service Level Code	Х	ID 2/2
Uscu			Code indicating the level of transportation service service offered by the transportation carrier Refer to 004010 Data Element Dictionary for accer values.		-
Not Used	TD513	284	Service Level Code	Х	ID 2/2
			Code indicating the level of transportation service service offered by the transportation carrier Refer to 004010 Data Element Dictionary for accer values.		-
Not Used	TD514	284	Service Level Code	0	ID 2/2
0360			Code indicating the level of transportation service service offered by the transportation carrier Refer to 004010 Data Element Dictionary for accer values.		-
Not	TD515	26	Country Code	0	ID 2/3
Used			Code identifying the country		



Segment:	SLN Subline Item Detail
Position:	470
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.3 If SLN08 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline
	level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the
	subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to
Commonter	the associated segment.
Comments:	 See the Data Element Dictionary for a complete list of IDs. SLN01 is related to (but not necessarily equivalent to) the baseline
	item number. Example: 1.1 or 1A might be used as a subline number
	to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs
	for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN
	No., Model No., or SKU.
Notes:	EDIFICE USAGE: Optional.



Data Element Su	mmary
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	D . (D	Data Element Summary		
Must Use	Ref. <u>Des.</u> SLN01	Data <u>Element</u> 350	Name Assigned Identification	<u>Att</u> M	<u>ributes</u> AN 1/20
USC			Alphanumeric characters assigned for differentiation transaction set	on w	vithin a
			Identifying numbers for the subline item.		
			Related to (but not necessarily equivalent to) the b number. Example: 1.1 or 1A might be used as a s to relate to baseline number 1.		
	SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation transaction set	O on w	AN 1/20 ⁄ithin a
Must Use	SLN03	662	Line number related to bill of materials. Relationship Code	М	ID 1/1
USE			Code indicating the relationship between entities		
			Line number related to bill of materials. Refer to 004010 Data Element Dictionary for acceptalues.	otab	le code
	SLN04	380	Quantity	Х	R 1/15
	SLN05	C001	Numeric value of quantity Composite Unit of Measure To identify a composite unit of measure (See Figu	X res /	Appendix
Must	C00101	355	for examples of use) Unit or Basis for Measurement Code	М	ID 2/2
Use			Code specifying the units in which a value is being	exp	pressed, or
			manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep values.	otab	le code
Not Used	C00102	1018	Exponent	0	R 1/15
Not Used	C00103	649	Power to which a unit is raised Multiplier	0	R 1/10
Not Used	C00104	355	Value to be used as a multiplier to obtain a new va Unit or Basis for Measurement Code	lue O	ID 2/2
Used			Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep	-	
Not Used	C00105	1018	values. Exponent	0	R 1/15
Not	C00106	649	Power to which a unit is raised Multiplier	0	R 1/10
Used			Value to be used as a multiplier to obtain a new va	lue	



Not Used	C00107	355	Unit or Basis for Measurement Code	0	ID 2/2		
Used			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code				
Not Used	C00108	1018	values. Exponent	0	R 1/15		
Not Used	C00109	649	Power to which a unit is raised Multiplier	0	R 1/10		
Not Used	C00110	355	Value to be used as a multiplier to obtain a new va Unit or Basis for Measurement Code	lue O	ID 2/2		
			Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep	-			
Not Used	C00111	1018	values. Exponent	0	R 1/15		
Not Used	C00112	649	Power to which a unit is raised Multiplier	0	R 1/10		
Not Used	C00113	355	Value to be used as a multiplier to obtain a new va Unit or Basis for Measurement Code	lue O	ID 2/2		
			Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep	-			
Not Used	C00114	1018	values. Exponent	0	R 1/15		
Not Used	C00115	649	Power to which a unit is raised Multiplier	0	R 1/10		
	SLN06	212	Value to be used as a multiplier to obtain a new va Unit Price		R 1/17		
Not Used	SLN07	639	Price per unit of product, service, commodity, etc. Basis of Unit Price Code	0	ID 2/2		
			Code identifying the type of unit price for an item Refer to 004010 Data Element Dictionary for accep values.	otab	le code		
	SLN08	662	Relationship Code Code indicating the relationship between entities Refer to 004010 Data Element Dictionary for accept	O otab	ID 1/1 le code		
	SLN09	235	values. Product/Service ID Qualifier Code identifying the type/source of the descriptive in Product/Service ID (234)	X nu	ID 2/2 mber used		
			in Product/Service ID (234) EDIFICE USAGE: Required.				



SLN10	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
CI NI 1	225	EDIFICE USAGE: Required.	V	10.272
SLN11	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive in Product/Service ID (234)	nur	nber used
SLN12	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
SLN13	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive in Product/Service ID (234)	nur	nber used
SLN14	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
SLN15	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	nur	
		in Product/Service ID (234)		
SLN16	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
SLN17	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	nur	nber used
		in Product/Service ID (234)		
SLN18	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
SLN19	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	nur	nber used
		in Product/Service ID (234)		
SLN20	234	Product/Service ID	Х	AN 1/48
CLND1	225	Identifying number for a product or service	v	
SLN21	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive in Product/Service ID (234)	nur	nber used
SLN22	234	Product/Service ID	х	AN 1/48
JLINZZ	234	Identifying number for a product or service	^	AN 1/40
SLN23	235	Product/Service ID Qualifier	х	ID 2/2
JENZJ	255	Code identifying the type/source of the descriptive		
		in Product/Service ID (234)	man	inser useu
SLN24	234		х	AN 1/48
		Identifying number for a product or service		,
SLN25	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	nur	
		in Product/Service ID (234)		
SLN26	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
SLN27	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive	nur	nber used
		in Product/Service ID (234)		
SLN28	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		



Synta Semant	egment: Position: Loop: Level: Usage: Max Use: Purpose: ax Notes: cic Notes: omments: Notes:	CTT Transaction Totals 010 CTT Optional Summary Optional 1 To transmit a hash total for a specific element in the transaction set 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. 1 This segment is intended to provide hash totals to validate transaction completeness and correctness. EDIFICE Usage: ADVISED.			
			Data Element Summary		
	Ref.	Data	Data Liement Summary		
	Des.	<u>Element</u>	<u>Name</u>	<u>Att</u>	<u>ributes</u>
М	СТТ01	354	Number of Line Items Total number of line items in the transaction set The number of PO1 segments present in the trans	M actic	NO 1/6
	CTT02	347	Hash Total Sum of values of the specified data element. All va data element will be summed without regard to de (explicit or implicit) or signs. Truncation will occur most digits if the sum is greater than the maximul hash total of the data element. Example:0018 F of value being hashed18 Second occurrence of v hashed. 1.8 Third occurrence of value being hashed Fourth occurrence of value being hashed total prior to truncation. 855 Hash total after trun three-digit field. EDIFICE Usage: OPTIONAL	O ecima r on m siz irst o value ed. 1	R 1/10 in the al points the left ze of the occurrence being 8.01 855 Hash
			For example, if the has total number is 1234567.8 characters), the value sent in CTT02 would be: "23	8456	7.8901".
Not Used	CTT03	81	Weight Numeric value of weight	Х	R 1/10
Not Used	CTT04	355	Unit or Basis for Measurement Code	х	ID 2/2
Not	СТТ05	183	Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acce values. Volume	ptab	
Used			Value of volumetric measure		



Not Used	CTT06	355	Unit or Basis for Measurement Code	Х	ID 2/2
			Code specifying the units in which a value is being manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for accep values.	•	
Not Used	CTT07	352	Description	0	AN 1/80
			A free-form description to clarify the related data their content	elen	ients and



Segment:	SE Transaction Set Trailer
Position: Loop:	030
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes: Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data	, Name	A
	<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
М	SE01	96	Number of Included Segments	M N01/10
			Total number of segments included in a transactio ST and SE segments	n set including
M SE02 329 Transaction Set Control Number M AN Identifying control number that must be unique within the transaction set functional group assigned by the originato transaction set The control number is assigned by the sender. It should b sequentially assigned within each functional group to aid i recovery and research. The control number in the SE segn (SE02) must be identical to the control number in the ST se for each transaction.		329	Identifying control number that must be unique wi transaction set functional group assigned by the o	
		to aid in error SE segment		



850 PURCHASE ORDER EXAMPLES

850 Example 1 - Basic Purchase Order

This is an example of a discrete, stand-alone purchase order for an established partnership. Because the partnership is established, the buyer can send codes for many items. For example the buyer can send an address code for the Ship-To address, rather than the full address. This example conforms to EDIFICE Order Model 1.

Example	1	Summary
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HEADER SECTION	
ST*850*00000001'	This is a purchase order, and the transaction set control number is 000000001.
BEG*00*SA*CA223598**20000106*K931 01'	This is an original stand-alone order. The PO number is CA223598, the order date is January 6, 2000 and the contract number is K93101.
TAX*9933325567********3'	The order is for resale (tax exempt, and the Tax ID number is 9933325567.
FOB*PC****02*FOB'	Freight is prepaid and is FOB.
ITD*01*2*10**10**30'	Terms are basic based on delivery date with a 10% discount if paid within 10 days, net 30.
TD5*O*2*FDXA*A*AIR'	The origin carrier is Federal Express and the shipment is to go by air.
N1*BT*ELECTRIC	The bill-to party is Electric Factory, and their
FACTORY*01*002344986'	DUNS number is 002344986.
N1*ST*ELECTRIC	The ship-to party is Electric Factory, and their
FACTORY*01*002344986'	DUNS number is 002344986.
PER*BD*GLORIA BAUER*TE*408-555-	The buyer contact is Gloria Bauer and her
4442'	telephone number is 408–555–4442.
DETAIL SECTION	
PO1*1*2500*EA*15.25*CT*BP*AG125542	The line item number is 1. The total order
*EC*A'	quantity is 2500 and the unit of measure is 'Each'. The unit price of 15.25 is based on a
	contract. The buyer's part number is AG125542, and the Engineering Change level is A.
SCH*2500*EA***010*20000429'	The requested ship date for 2500 units is April 29, 2000.
SUMMARY SECTION	
CTT*1*2500	There is one line item in the transaction set, and the sum of the PO102 order quantities is 2500.
SE*13*00000001'	There are 13 segments in transaction set 000000001, including the SE and ST.



850 Example 2 – BLANKET PURCHASE ORDER, ESTIMATED QUANTITY, NO SCHEDULES USED

In this example, the blanket purchase order is for an estimated quantity, with no schedules (schedules will be sent via releases or forecasts). The trading partner does not require a "dummy" SCH segment. This example conforms to EDIFICE Order Model 2.

HEADER SECTION	1
ST*850*00000001'	This is a purchase order, and the transaction set
	control number is 000000001.
BEG*00*BE*CA2302026**19990629*99-	This is a blanket PO with estimated total
001'	quantities and a PO number of CA2302026. It
	was created on June 29, 1999 and the contract
	number is 99–0001.
CUR*BY*USD'	The order (buyer's) currency is U.S. Dollars.
TAX*9933325567********3'	The buyer's tax ID number is 9933325567; the
	purchased goods are tax exempt, for resale.
DTM*036*19991231'	The expiration date of the blanket PO is
	December 31, 1999.
TD5*O*2*FDXA*A****SB*WD*5'	The origin carrier is Federal Express and the
	shipment is going by air; transit time from seller
	to buyer is is 5 working days.
N1*BT*ELECTRIC	The bill-to party is Electric Factory, and their
FACTORY*1*002344986'	DUNS number is 002344986.
N1*ST*ELECTRIC	The ship-to party is Electric Factory, and their
FACTORY*1*002344986'	DUNS number is 002344986.
PER*BD*GLORIA DEI*TE*415-555-4442'	The buyer contact is Gloria Dei and her
	telephone number is 415–555–4442.
DETAIL SECTION	
PO1**33000*EA*.123*CT*BP*AG125542*	No item ID is assigned; the estimated total
EC*C'	quantity for the
	item is 33000 and the unit of measure is 'Each'.
	The unit price is .123 and is based on a contract.
	The buyer's part number is AG125542 and the
	Engineering Change level is C.
PO4****REL90'	The secondary packaging is tape-and-reel,
	standard.
SUMMARY SECTION	
CTT*1'	There is one line item in the transaction set.
SE*13*00000001'	There are 13 segments in transaction set
	000000001 including the ST and SE segments.

Example 2 Summary



850 Example 3 – BLANKET PURCHASE ORDER, ESTIMATED QUANTITY, DUMMY SCHEDULE USED

In this example, the blanket purchase order is for an estimated quantity, with no schedules (schedules will be sent via releases or forecasts). The trading partner needs at least one "dummy" SCH segment sent. The date on the "dummy" SCH segment is the expiration date of the blanket order. This example conforms to EDIFICE Order Model 2.

HEADER SECTION				
ST*850*00000001'	This is a purchase order, and the transaction set control number is 000000001.			
BEG*00*BE*CA2302026**19990629*99- 001'	This is a blanket PO with estimated quantities and a dummy SCH to convey the expiration date of the blanket PO. The PO number is CA2302026. It was created on June 29, 1999 and the contract number is 99–0001.			
CUR*BY*USD'	The order (buyer's) currency is U.S. Dollars.			
TAX*9933325567********3'	The buyer's tax ID number is 9933325567; the purchased goods are tax exempt, for resale.			
DTM*036*19991231'	The expiration date of the blanket PO is December 31, 1999.			
TD5*O*2*FDXA*A****SB*WD*5'	The origin carrier is Federal Express and the shipment is going by air; transit time from seller to buyer is is 5 working days.			
N1*BT*ELECTRIC	The bill-to party is Electric Factory and their			
FACTORY*1*002344986'	DUNS number is 002344986.			
N1*ST*ELECTRIC	The ship-to party is Electric Factory and their			
FACTORY*1*002344986'	DUNS number is 002344986.			
PER*BD*GLORIA DEI*TE*415-555-4442'	The buyer contact is Gloria Dei and her telephone number is 415-555-4442.			
DETAIL SECTION				
PO1**33000*EA*400*CT*BP*AG125542* EC*C'	No item ID is assigned; the estimated total quantity for the item is 33000 and the unit of measure is 'Each'. The unit price is 4.00 and is based on a contract. The Buyer's part number is AG125542 and the Engineering Change level is C.			
PO4****REL90'	The secondary packaging is tape-and-reel, standard.			
SCH*33000*EA***036*19991231'	The 'dummy' delivery schedule reflects the total line item quantity and the date that the blanket order expires, December 31, 1999.			
SUMMARY SECTION				
CTT*1'	There is one line item in the transaction set.			
SE*14*00000001'	There are 14 segments in transaction set 000000001 including the ST and SE segments.			

Example 3 Summary

