

865 Purchase Order Change Acknowledgment/Request - Seller Initiated

**X12/V4010/865: 865 Purchase Order Change Acknowledgment/Request - Seller
Initiated**

Version: 2.2

Author:
Company: **Crate and Barrel**
Publication:
Notes: **Approved 08/06/2008**

865**Purchase Order Change
Acknowledgment/Request - Seller
Initiated****Functional Group=CA**

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1			Must use
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	O	>1			Used
* 060	PER	Administrative Communications Contact	O	3			
* 070	TAX	Tax Reference	O	>1			
* 080	FOB	F.O.B. Related Instructions	O	>1			
* 090	CTP	Pricing Information	O	>1			
* 095	PAM	Period Amount	O	10			
* 110	CSH	Sales Requirements	O	1			

* LOOP ID - SAC					25		
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			
125	CUR	Currency	O	1			
* 130	ITD	Terms of Sale/Deferred Terms of Sale	O	5			
* 140	DIS	Discount Detail	O	20			
* 145	INC	Installment Information	O	1			
* 150	DTM	Date/Time Reference	O	10			
* 160	LDT	Lead Time	O	12			
* 180	LIN	Item Identification	O	5		N1/180	
* 185	SI	Service Characteristic Identification	O	>1			
* 190	PID	Product/Item Description	O	200			
* 200	MEA	Measurements	O	40			
* 210	PWK	Paperwork	O	25			
* 220	PKG	Marking, Packaging, Loading	O	25			
* 230	TD1	Carrier Details (Quantity and Weight)	O	2			

* 240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
* 250	TD3	Carrier Details (Equipment)	O	12		
* 260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
* 266	PCT	Percent Amounts	O	>1		
* 270	MAN	Marks and Numbers	O	10		
* 275	TXI	Tax Information	O	>1		
* 276	CTB	Restrictions/Conditions	O	>1		
* 277	G53	Maintenance Type	O	>1		
* LOOP ID - N9					1000	
280	N9	Reference Identification	O	1		
285	DTM	Date/Time Reference	O	>1		
290	MSG	Message Text	O	1000		
* LOOP ID - N1					200	
300	N1	Name	O	1		Used
* 310	N2	Additional Name Information	O	2		
* 320	N3	Address Information	O	2		
* 330	N4	Geographic Location	O	1		
* 335	NX2	Location ID Component	O	>1		
* 340	REF	Reference Identification	O	12		
* 350	PER	Administrative Communications Contact	O	>1		
* 355	SI	Service Characteristic Identification	O	>1		
* 360	FOB	F.O.B. Related Instructions	O	1		
* 370	TD1	Carrier Details (Quantity and Weight)	O	2		
* 380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
* 390	TD3	Carrier Details (Equipment)	O	12		
* 400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
* 410	PKG	Marking, Packaging, Loading	O	25		
* 420	MSG	Message Text	O	>1		
* LOOP ID - AMT					≥1	
430	AMT	Monetary Amount	O	1		
440	PCT	Percent Amounts	O	>1		
* LOOP ID - ADV					≥1	
450	ADV	Advertising Demographic Information	O	1		
460	DTM	Date/Time Reference	O	>1		
470	MTX	Text	O	>1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* LOOP ID - POC						≥1	
010	POC	Line Item Change	O	1			Used
* 015	LIN	Item Identification	O	>1			
* 018	SI	Service Characteristic Identification	O	>1			

* 020	CUR	Currency	O	1		
* 030	PO3	Additional Item Detail	O	25		
* 040	CTP	Pricing Information	O	>1		
* 045	PAM	Period Amount	O	10		
* 049	MEA	Measurements	O	40		
LOOP ID - PID					1000	
050	PID	Product/Item Description	O	1		Used
* 060	MEA	Measurements	O	10		
* 070	PWK	Paperwork	O	25		
* 080	PKG	Marking, Packaging, Loading	O	25		
090	PO4	Item Physical Details	O	>1		Used
* 100	REF	Reference Identification	O	>1		
* 110	PER	Administrative Communications Contact	O	3		
* LOOP ID - SAC					25	
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
135	CUR	Currency	O	1		
* 140	IT8	Conditions of Sale	O	1		
* 142	CSH	Sales Requirements	O	>1		
* 150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
* 160	DIS	Discount Detail	O	20		
* 165	INC	Installment Information	O	1		
* 170	TAX	Tax Reference	O	>1		
* 180	FOB	F.O.B. Related Instructions	O	>1		
* 190	SDQ	Destination Quantity	O	500		
* 200	DTM	Date/Time Reference	O	10		
* 230	TD1	Carrier Details (Quantity and Weight)	O	1		
* 240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
* 250	TD3	Carrier Details (Equipment)	O	12		
260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		Used
* 265	TXI	Tax Information	O	>1		
* 266	PCT	Percent Amounts	O	>1		
* LOOP ID - ACK					104	
270	ACK	Line Item Acknowledgment	O	1		
280	DTM	Date/Time Reference	O	1		
* 290	MAN	Marks and Numbers	O	10		
* 291	SPI	Specification Identifier	O	>1		
* 292	MSG	Message Text	O	>1		
* 293	CTB	Restrictions/Conditions	O	>1		
* LOOP ID - AMT					≥1	N2/300L
300	AMT	Monetary Amount	O	1		N2/300
301	PCT	Percent Amounts	O	>1		
* LOOP ID - QTY					≥1	
302	QTY	Quantity	O	1		
303	SI	Service Characteristic Identification	O	>1		

LOOP ID - SCH				200		
305	SCH	Line Item Schedule	O	1		Used
310	TD1	Carrier Details (Quantity and Weight)	O	2		Used
* 315	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
* 320	TD3	Carrier Details (Equipment)	O	12		
* 330	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
* 333	REF	Reference Identification	O	>1		
* LOOP ID - LDT				≥1		
335	LDT	Lead Time	O	1		
340	QTY	Quantity	O	>1		
342	MSG	Message Text	O	1		
LOOP ID - LM				≥1		
344	LM	Code Source Information	O	1		
346	LQ	Industry Code	M	>1		
* LOOP ID - N9				1000		
350	N9	Reference Identification	O	1		
355	DTM	Date/Time Reference	O	>1		
360	MSG	Message Text	O	1000		
LOOP ID - N1				200		
370	N1	Name	O	1		Used
380	N2	Additional Name Information	O	2		Used
390	N3	Address Information	O	2		Used
400	N4	Geographic Location	O	1		Used
* 403	QTY	Quantity	O	>1		
* 405	NX2	Location ID Component	O	>1		
* 410	REF	Reference Identification	O	12		
* 420	PER	Administrative Communications Contact	O	3		
* 425	SI	Service Characteristic Identification	O	>1		
* 426	DTM	Date/Time Reference	O	1		
* 430	FOB	F.O.B. Related Instructions	O	1		
* 435	SCH	Line Item Schedule	O	200		
* 440	TD1	Carrier Details (Quantity and Weight)	O	2		
* 450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
* 460	TD3	Carrier Details (Equipment)	O	12		
* 470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
* 480	PKG	Marking, Packaging, Loading	O	25		
* LOOP ID - LDT				≥1		
485	LDT	Lead Time	O	1		
486	MAN	Marks and Numbers	O	10		
487	QTY	Quantity	O	5		
488	MSG	Message Text	O	1		
* LOOP ID - SLN				1000		

490	SLN	Subline Item Detail	O	1			
495	MSG	Message Text	O	>1			
500	SI	Service Characteristic Identification	O	>1			
510	PID	Product/Item Description	O	1000			
520	PO3	Additional Item Detail	O	25			
522	CTP	Pricing Information	O	25			
523	PAM	Period Amount	O	10			
530	ACK	Line Item Acknowledgment	O	104			
LOOP ID - SAC					10		
540	SAC	Service, Promotion, Allowance, or Charge Information	O	1			
545	CUR	Currency	O	1			
550	DTM	Date/Time Reference	O	10			
554	PO4	Item Physical Details	O	1			
557	TAX	Tax Reference	O	3			
558	ADV	Advertising Demographic Information	O	>1			
LOOP ID - QTY					≥1		
561	QTY	Quantity	O	1			
562	SI	Service Characteristic Identification	O	>1			
LOOP ID - N9					≥1		
563	N9	Reference Identification	O	1			
564	DTM	Date/Time Reference	O	>1			
LOOP ID - N1					10		
565	N1	Name	O	1			
570	N2	Additional Name Information	O	2			
580	N3	Address Information	O	2			
590	N4	Geographic Location	O	1			
600	NX2	Location ID Component	O	>1			
610	REF	Reference Identification	O	12			
620	PER	Administrative Communications Contact	O	3			
625	SI	Service Characteristic Identification	O	>1			
* LOOP ID - PD					≥1		
630	PD	Pricing Data	O	1			
640	PDD	Pricing Data Detail	O	>1			

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
* LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	
* 020	AMT	Monetary Amount	O	5		N3/020	
030	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

- 1/180 If segment LIN is used, do not use LIN01.
- 2/300L If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
- 2/300 If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
- 3/010L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/010 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/020 When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Authorization Information All valid standard codes are used.						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Security Information All valid standard codes are used.						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used.						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
		Code	Name			
		12	Phone (Telephone Companies)			
		Buyer Usage:				
		"12" is the Production ID Qualifier				
		ZZ	Mutually Defined			
		Buyer Usage:				
		"ZZ" is the Test ID Qualifier				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
Buyer Usage:						
8472722888 - Production ID						
8472722888T - Test ID						
ISA09	I08	Interchange Date	M	DT	6/6	Must use

		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes are used.				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments All valid standard codes are used.				
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used.				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information All valid standard codes are used.				
ISA16	I15	Component Element Separator	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

Example:

ISA^00^ ^00^ ^01^123456789 ^12^8472722888 ^070606^1339^U^00401^000000310^0^P^J

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

<u>Code</u>	<u>Name</u>
CA	Purchase Order Change Acknowledgment/Request - Seller Initiated (865)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
------	-----	----------------------------------	---	----	------	----------

Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Buyer Usage: *It is possible for you to receive multiple IDs over a range of purchase orders from us. Each purchase order will belong to only one GS ID.*

Here are the possible GS IDs:

"CRATEDOMES" - Crate and Barrel Domestic
 "CRATEDOMREP" - Crate and Barrel Domestic Rep
 "EUROMDESIG" - Crate and Barrel International
 "EUROMDESAGT" - Crate and Barrel International Agent
 "CRATECUST" - Crate and Barrel Custom

"CB2DOMES" - CB2 Domestic
 "CB2DOMREP" - CB2 Domestic Rep
 "CB2INTL" - CB2 International
 "CB2INTLAGT" - CB2 International Agent

"CRATECANADA" - Crate and Barrel Canada
 "CRATECANREP" - Crate and Barrel Canada Rep

"LONODDOMES" - Land of Nod Domestic
 "LONODDOMREP" - Land of Nod Domestic Rep
 "LONODMBRK" - Land of Nod International
 "LONODMBAGT" - Land of Nod International Agent
 "LONODCUST" - Land of Nod Custom

GS04	373	Date	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

GS05	337	Time	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

Description: 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)

GS06	28	Group Control Number	M	N0	1/9	Must use
------	----	-----------------------------	---	----	-----	----------

Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

All valid standard codes are used.

GS08 480 **Version / Release / Industry Identifier Code** M AN 1/12 Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Example:

```
GS^CA^123456789^CRATEDOMES^070606^1339^240^X^004010
```

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use**Purpose:** To indicate the start of a transaction set and to assign a control number**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

<u>Code</u>	<u>Name</u>
865	Purchase Order Change Acknowledgment/Request - Seller Initiated

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set**Semantics:**

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Example:

ST^865^000001

BCA Beginning Segment for Purchase Order Change Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
04	Change
05	Replace
06	Confirmation
14	Advance Notification

Buyer Usage:

Used only to send a final status in advance of the 856. (i.e., when the 865 is used as a Pre-ASN status notification.)

BCA02	587	Acknowledgment Type	O	ID	2/2	Used
-------	-----	---------------------	---	----	-----	------

Description: Code specifying the type of acknowledgment

Buyer Usage: *Unless an order is rejected, Line Item (POC) and Schedule Detail (SCH) should be in the acknowledgment.*

<u>Code</u>	<u>Name</u>
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change
AK	Acknowledge - No Detail or Change
AT	Accepted
RJ	Rejected - No Detail

BCA03	324	Purchase Order Number	M	AN	1/22	Must use
-------	-----	-----------------------	---	----	------	----------

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Buyer Usage: *Must match BEG03 of corresponding 850 Purchase Order*

BCA05	327	Change Order Sequence Number	O	AN	1/8	Used
-------	-----	------------------------------	---	----	-----	------

Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set

Buyer Usage: *If 865 is used to acknowledge a Change Order (860), the Change Order Sequence Number (BCH05) must be returned here.*

Limit the Change Order Sequence number to 2 digits (01 to 99). Your document will be flagged in error if you send a number larger than 99.

BCA06	373	Date	M	DT	8/8	Used
-------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD

BCA07	326	Request Reference Number	O	AN	1/45	Used
-------	-----	--------------------------	---	----	------	------

Description: Reference number or RFQ number to use to identify a particular transaction set

and query (additional reference number or description which can be used with contract number)

Buyer Usage: *This is the unique number the Buyer uses for following up on inquiries on the Acknowledgment, such as a Sales Order Number. This Acknowledgment Number may also be sent in the SCH11 within the POC Loop.*

BCA10	373	Date	O	DT	8/8	Used
-------	-----	-------------	---	----	-----	------

Description: Date expressed as CCYYMMDD

Buyer Usage: *This is the Acknowledgment Date.*

Semantics:

1. BCA06 is the date assigned by the purchaser to purchase order.
2. BCA09 is the seller's order number.
3. BCA10 is the date assigned by the sender to the acknowledgment.
4. BCA11 is the date of the purchase order change request.
5. BCA12 is the order change acknowledgment date.

Example:

BCA^00^AC^1234567^^20070601^123^^20070604

BCA^14^AD^SC2414657^^01^20070612^Header Ack Number^^20070613

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use
<p>Description: Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.</p>						
CUR02	100	Currency Code	M	ID	3/3	Must use
<p>Description: Code (Standard ISO) for country in whose currency the charges are specified</p>						

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

Example:

CUR^BY^USD

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used**Purpose:** To specify identifying information**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
IA	Internal Vendor Number

REF02	127	Reference Identification	X	AN	1/30	Used
-------	-----	--------------------------	---	----	------	------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Buyer Usage:

When REF_01 = "IA", REF_01 and REF_02 must be returned in the corresponding PO Acknowledgment/PO Change Acknowledgment (855/865) and ASN (856)

Example:

REF^IA^1234

Loop Name

Pos: 300	Repeat: 200
	Optional
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
300	N1	Name	O	1		Used

Example:

N1^BY^CRATE and BARREL^92^303
N1^SU^SUPPLIER INDUSTRIES INC^92^1234
N1^ST^CRATE and BARREL^92^991

N1

Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

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

<u>Code</u>	<u>Name</u>
BY	Buying Party (Purchaser)

Buyer Usage:

Should be turned around from the original purchase order or last purchase order change.

ST	Ship To
SU	Supplier/Manufacturer

N102	93	Name	X	AN	1/60	Used
------	----	-------------	---	----	------	------

Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

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

All valid standard codes are used.

N104	67	Identification Code	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

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

Example:

```
N1^BY^CRATE and BARREL^92^303
*** 303 is the product manager number
N1^SU^SUPPLIER INDUSTRIES INC^92^1234
*** 1234 is the buyer's vendor number for your organization
N1^ST^CRATE and BARREL^92^991
*** 991 is the buyer's number for the ship to location (eg Warehouse 991)
```


POC Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	Elements: 16

User Option (Usage): Used

Purpose: To specify changes to a line item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
POC01	350	Assigned Identification	O	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set
Buyer Usage: Return the value exactly as sent in the PO101 element of the corresponding 850 Purchase Order, including leading zeroes.

POC02	670	Change or Response Type Code	M	ID	2/2	Must use
-------	-----	-------------------------------------	---	----	-----	----------

Description: Code specifying the type of change to the line item

<u>Code</u>	<u>Name</u>
AI	Add Additional Item(s)
CA	Changes To Line Items
DI	Delete Item(s)

POC03	330	Quantity Ordered	O	R	1/15	Used
-------	-----	-------------------------	---	---	------	------

Description: Quantity ordered
Buyer Usage: To delete a line change POC03 Quantity Ordered to 0 (zero). If this number is different than what was on the PO it will be a change to the original ordered quantity.

POC04	671	Quantity Left to Receive	X	R	1/9	Used
-------	-----	---------------------------------	---	---	-----	------

Description: Quantity left to receive as qualified by the unit of measure

POC05	C001	Composite Unit of Measure	X	Comp		Used
-------	------	----------------------------------	---	------	--	------

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

Buyer Usage: Should match the Unit of Measure from the corresponding 850 Purchase Order.

	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
--	-----	---	---	----	-----	----------

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

All valid standard codes are used.

POC06	212	Unit Price	X	R	1/17	Used
-------	-----	-------------------	---	---	------	------

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

POC08	235	Product/Service ID Qualifier	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

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

<u>Code</u>	<u>Name</u>
CH	Country of Origin Code

Buyer Usage:

The Country of Origin (ISO3) code should only be sent back if it is necessary to send a correction to what was sent in the original PO or PO Change.

HD	International Harmonized Commodity Code
----	---

Buyer Usage:

The HTS code should only be sent back if it is necessary to send a correction to what was sent in the original PO or PO Change.

IN	Buyer's Item Number
----	---------------------

Buyer Usage:

Must be sent exactly as sent in the PO1 segment of the corresponding 850 purchase order.

MF Manufacturer
Buyer Usage:
The MID (Manufacturer ID) should only be sent back if it is necessary to send a correction to what was sent in the original PO or PO Change.

UP U.P.C. Consumer Package Code (1-5-5-1)
Buyer Usage:
The UPC Code should only be sent back if it is necessary to send a correction to what was sent in the original PO or PO Change

VN Vendor's (Seller's) Item Number
Buyer Usage:
If sent the Vendor Item Number must be returned as sent in the PO1 segment of the corresponding 850 purchase order or as a corrected vendor item number.

POC09	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Buyer Usage: Return the Product ID exactly as sent in the PO1 segment of the corresponding 850 Purchase Order.						
POC10	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Buyer Usage: See code list under POC08.						
POC11	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Buyer Usage: Return the Product ID exactly as sent in the PO1 segment of the corresponding 850 Purchase Order.						
POC12	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Buyer Usage: See code list under POC08.						
POC13	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Buyer Usage: Return the Product ID exactly as sent in the PO1 segment of the corresponding 850 Purchase Order.						
POC14	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Buyer Usage: See code list under POC08.						
POC15	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Buyer Usage: Return the Product ID exactly as sent in the PO1 segment of the corresponding 850 Purchase Order.						
POC16	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Buyer Usage: See code list under POC08.						
POC17	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Buyer Usage: Return the Product ID exactly as sent in the PO1 segment of the corresponding						

*850 Purchase Order.***Syntax Rules:**

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09 is present, then the other is required.
4. P1011 - If either POC10 or POC11 is present, then the other is required.
5. P1213 - If either POC12 or POC13 is present, then the other is required.
6. P1415 - If either POC14 or POC15 is present, then the other is required.
7. P1617 - If either POC16 or POC17 is present, then the other is required.
8. P1819 - If either POC18 or POC19 is present, then the other is required.
9. P2021 - If either POC20 or POC21 is present, then the other is required.
10. P2223 - If either POC22 or POC23 is present, then the other is required.
11. P2425 - If either POC24 or POC25 is present, then the other is required.
12. P2627 - If either POC26 or POC27 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

Example:

POC^1^CA^100^50^EA^12^IN^123456^VN^123-4-567-89012-4^UP^1234567890123
POC^2^CA^1^0^EA^650^IN^123456^VN^ALL OTHER CUSTOM

At a minimum, the buyer is expecting the buyer's item number (IN) and seller's item number (VN) to be sent back.

The Product/Service ID Qualifiers can be sent in any order.

Loop Product/Item Description

Pos: 050 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	O	1		Used

Example:

```

PID^F^Cook Book
PID^F^MB^NAME OF BOOK

PID^F^ALL OTHER CUSTOM
PID^F^MB^ALL OTHER CUSTOM
PID^S^FAB:FOG A/01
PID^S^FAB#: N/A      GR:H
PID^S^FABRIC IS NON RAILROADED
PID^S^LEG FINISH: BLACK WALNUT
PID^S^FOR FRAME#12-34A W/RAILS
PID^S^CUSTOMER APPROVED
PID^S^FABRIC AND IS AWARE OF THE
PID^S^POSSIBLE PROBLEM OF FABRIC
PID^S^FIRSTNAME I. 5/30/07
    
```

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

<u>Code</u>	<u>Name</u>
F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

Buyer Usage:

PID01 = "X" is used to send a line level message to flag buyer's attention. Only 1 occurrence of PID01 = "X" can be used.

PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
-------	-----	-------------------------------------	---	----	-----	------

Description: Code identifying the general class of a product or process characteristic

Buyer Usage: *PID02 should be used only when sending back label description.*

<u>Code</u>	<u>Name</u>
MB	Marking

PID05	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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

Buyer Usage: *PID_05 should be used with all PID_01 codes. PID_04 is not used.*

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Buyer Usage:

This information should only be returned if changes are needed.

Example:

PID^F^ALL OTHER CUSTOM

PID^F^MB^~^ALL OTHER CUSTOM
PID^S^~^FAB:FOG A/01
PID^S^~^FAB#: N/A GR:H
PID^S^~^FABRIC IS NON RAILROADED
PID^S^~^LEG FINISH: BLACK WALNUT
PID^S^~^FOR FRAME#12-34A W/RAILS
PID^S^~^CUSTOMER APPROVED
PID^S^~^FABRIC AND IS AWARE OF THE
PID^S^~^POSSIBLE PROBLEM OF FABRIC
PID^S^~^FIRSTNAME I. 5/30/07

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 260	Max: 5
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Used

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD402	208	Hazardous Material Code Qualifier	X	ID	1/1	Used

Description: Code which qualifies the Hazardous Material Class Code (209)

<u>Code</u>	<u>Name</u>
9	Title 49, Code of Federal Regulations (CFR)

TD403	209	Hazardous Material Class Code	X	AN	1/4	Used
-------	-----	--------------------------------------	---	----	-----	------

Description: Code specifying the kind of hazard for a material

Buyer Usage: *Any code is acceptable.*

Syntax Rules:

1. R010204 - At least one of TD401, TD402 or TD404 is required.
2. C0203 - If TD402 is present, then TD403 is required.

Semantics:

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

Example:

TD4**9*4.1A

Loop Line Item Schedule

Pos: 305	Repeat: 200
Optional	
Loop: SCH	Elements: N/A

User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
305	SCH	Line Item Schedule	O	1		Used
310	TD1	Carrier Details (Quantity and Weight)	O	2		Used

Example:

```
SCH^1^EA^^010^20070913^068^20070923
TD1^PLT90^2^^G^2500^LB
TD1^CTN90^2^^G^2500^LB
```

SCH Line Item Schedule

Pos: 305	Max: 1
Detail - Optional	
Loop: SCH	Elements: 8

User Option (Usage): Used
Purpose: To specify the data for scheduling a specific line-item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCH01	380	Quantity	M	R	1/15	Must use

Description: Numeric value of quantity
Buyer Usage: *The sum of SCH01 quantities should equal value in POC03.*

SCH02	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
-------	-----	------------------------------------	---	----	-----	----------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Buyer Usage: *Should match the Unit of Measure from the corresponding 850 Purchase Order.*

SCH05	374	Date/Time Qualifier	M	ID	3/3	Must use
-------	-----	---------------------	---	----	-----	----------

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

<u>Code</u>	<u>Name</u>
010	Requested Ship

SCH06	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD
Buyer Usage: *This should be the original requested ship date from the Purchase Order.*

SCH08	374	Date/Time Qualifier	X	ID	3/3	Used
-------	-----	---------------------	---	----	-----	------

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

<u>Code</u>	<u>Name</u>
011	Shipped
Buyer Usage: <i>This is for special use circumstances only</i>	
068	Current Schedule Ship

SCH09	373	Date	X	DT	8/8	Used
-------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD
Buyer Usage: *To specify that a requested schedule is accepted and confirmed, SCH08 and SCH09 must be sent. If the vendor acknowledges the line item and cannot confirm the scheduled ship date, SCH08 and SCH09 should not be sent. However, for the acknowledgement process to be complete the vendor must send an SCH08 and SCH09 in an additional 855 or 865 transmission.*

SCH09 is the date you are confirming the line item will ship. It does not have to match the requested ship date.

SCH11	326	Request Reference Number	O	AN	1/45	Used
-------	-----	--------------------------	---	----	------	------

Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Buyer Usage: *This is the unique number the Buyer uses for following up on inquiries on the Acknowledgment. This Acknowledgment Number may also be sent in the BCA07.*

SCH12	350	Assigned Identification	O	AN	1/20	Used
-------	-----	-------------------------	---	----	------	------

Description: Alphanumeric characters assigned for differentiation within a transaction set

Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.
2. L080910 - If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. C0908 - If SCH09 is present, then SCH08 is required.
4. C1008 - If SCH10 is present, then SCH08 is required.

Semantics:

1. SCH12 is the schedule identification.

Comments:

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

Buyer Usage:

The original requested ship or delivery date is to be returned in the SCH05/SCH06, and the acknowledged/commit date is to be returned in SCH08/SCH09. If the request date is a ship date, the acknowledged date must be a ship date.

Example:

```
SCH^1^EA^^010^20070913^068^20070923  
SCH^100^EA^^010^20080501^011^20080505
```

TD1 Carrier Details (Quantity and Weight)

Pos: 310	Max: 2
Detail - Optional	
Loop: SCH	Elements: 5

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	O	AN	3/5	Used

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

<u>Code</u>	<u>Name</u>
90	Standard
BAG	Bag
BAL	Bale
CRT	Crate
CTN	Carton
PLT	Pallet
TRY	Tray
WRP	Wrapped

TD102	80	Lading Quantity	X	N0	1/7	Used
-------	----	-----------------	---	----	-----	------

Description: Number of units (pieces) of the lading commodity

TD106	187	Weight Qualifier	O	ID	1/2	Used
-------	-----	------------------	---	----	-----	------

Description: Code defining the type of weight
All valid standard codes are used.

TD107	81	Weight	X	R	1/10	Used
-------	----	--------	---	---	------	------

Description: Numeric value of weight

TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

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

<u>Code</u>	<u>Name</u>
KG	Kilogram
LB	Pound

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Buyer Usage:

The TD1 in SCH loop should be used for Pre-ASN, as instructed by the buyer. One TD1 should be used to convey the number of pallets, and a second should be used to convey the number of cartons or boxes for the item. At least one of the TD1 segments in the SCH should be sent to convey the estimated gross weight of the item.

Example:

```
TD1^PLT90^2^^^G^2500^LB
TD1^CTN90^8^^^G^650^LB
```

Loop Name

Pos: 370	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
370	N1	Name	O	1		Used
380	N2	Additional Name Information	O	2		Used
390	N3	Address Information	O	2		Used
400	N4	Geographic Location	O	1		Used

Example:

```
N1^16^FACTORY #168
N2^BAIT SHACK
N3^1234 LANE ROAD^STE 4
N4^TRACY^CA^95377^USA
```

N1**Name**

Pos: 370	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		16		Plant		
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

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

Buyer Usage:

This N1 loop should be used for Pre-ASN, to convey the Factory that the item will be shipped from.

Example:

N1^16^FACTORY #168

N2 Additional Name Information

Pos: 380	Max: 2
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use

Description: Free-form name

Buyer Usage:

Used if you need two lines of information (e.g. International Address)

Example:

N2^BAIT SHACK

N3 Address Information

Pos: 390	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

Example:

N3^1234 LANE ROAD^STE 4

N4 Geographic Location

Pos: 400	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used**Purpose:** To specify the geographic place of the named party**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				
		Buyer Usage: <i>Please send the ISO3 country code</i>				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Example:

```
N4^TRACY^CA^95377^USA
```

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

- SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use
Description: A control number assigned by the interchange sender						

Example:

```
ISA^00^      ^00^      ^01^123456789  ^12^8472722888  ^070606^1339^U^00401^000000310^0^P^|
GS^PR^123456789^CRATEDOMES^070606^1339^240^X^004010
ST^855^1234567
BCA^00^AC^1234567^^20070601^123^^20070604
CUR^BY^USD
REF^IA^2950
N1^BY^CRATE and BARREL^92^303
N1^SU^SUPPLIER INDUSTRIES INC^92^1234
N1^ST^CRATE and BARREL^92^991
POC^1^CA^100^50^EA^12^^IN^123456^VN^123-4-567-89012-4^UP^1234567890123
PID^F^^^Cook Book
PID^F^MB^^NAME OF Book
PO4^10^1
SCH^190^EA^^010^20070901^^068^20070911
TD1^PLT90^2^^G^2500^LB
TD1^CTN90^2^^G^2500^LB
POC^2^CA^1^0^EA^650^^IN^123456^VN^ALL OTHER CUSTOM
PID^F^^^ALL OTHER CUSTOM
PID^F^MB^^ALL OTHER CUSTOM
PID^S^^^FAB:FOG A/01
PID^S^^^FAB#: N/A      GR:H
PID^S^^^FABRIC IS NON RAILROADED
PID^S^^^LEG FINISH: BLACK WALNUT
PID^S^^^FOR FRAME#12-34A W/RAILS
PID^S^^^CUSTOMER APPROVED
PID^S^^^FABRIC AND IS AWARE OF THE
PID^S^^^POSSIBLE PROBLEM OF FABRIC
PID^S^^^FIRSTNAME I. 5/30/07
PO4^1^1
TD4**9^4.1A
SCH^1^EA^^010^20070913^^068^20070913
TD1^CTN90^2^^G^650^LB
N1^16^FUNNY FACTORY
N2^BAIT SHACK
N3^1234 LANE ROAD^STE 4
N4^TRACY^CA^95377^USA
CTT^2
SE^36^1234567
GE^1^240
IEA^1^000000310
```