

850 Purchase Order

X12/V4010/850: 850 Purchase Order

Version: 2.3 Final

Author:	
Company:	Crate and Barrel
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850

Purchase Order

Functional Group=PO

Purpose: 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.

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>	<u>Page</u>
	ISA	Interchange Control Header	M	1			Must use	8
	GS	Functional Group Header	M	1			Must use	10
010	ST	Transaction Set Header	M	1			Must use	12
020	BEG	Beginning Segment for Purchase Order	M	1			Must use	13
040	CUR	Currency	O	1			Used	15
050	REF	Reference Identification	O	>1			Used	16
* 060	PER	Administrative Communications Contact	O	3		N1/060		N/A
* 070	TAX	Tax Reference	O	>1				N/A
080	FOB	F.O.B. Related Instructions	O	>1			Used	17
* 090	CTP	Pricing Information	O	>1				N/A
* 095	PAM	Period Amount	O	10				N/A
* 110	CSH	Sales Requirements	O	5				N/A
* 115	TC2	Commodity	O	>1				N/A
* LOOP ID - SAC					25			N/A
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
125	CUR	Currency	O	1				N/A
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used	19
* 140	DIS	Discount Detail	O	20				N/A
* 145	INC	Installment Information	O	1				N/A
* 150	DTM	Date/Time Reference	O	10				N/A
* 160	LDT	Lead Time	O	12				N/A
* 180	LIN	Item Identification	O	5		N1/180		N/A
* 185	SI	Service Characteristic Identification	O	>1				N/A
* 190	PID	Product/Item Description	O	200				N/A
* 200	MEA	Measurements	O	40				N/A
* 210	PWK	Paperwork	O	25				N/A
* 220	PKG	Marking, Packaging, Loading	O	200				N/A
* 230	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 250	TD3	Carrier Details (Equipment)	O	12				N/A
* 260	TD4	Carrier Details (Special	O	5				N/A

		Handling, or Hazardous Materials, or Both)				
* 270	MAN	Marks and Numbers	O	10		N/A
* 276	PCT	Percent Amounts	O	>1		N/A
* 280	CTB	Restrictions/Conditions	O	5		N/A
* 285	TXI	Tax Information	O	>1		N/A
* LOOP ID - AMT					≥1	N/A
287	AMT	Monetary Amount	O	1		N/A
289	REF	Reference Identification	O	>1		N/A
290	DTM	Date/Time Reference	O	1		N/A
292	PCT	Percent Amounts	O	>1		N/A
LOOP ID - FA1					≥1	N/A
293	FA1	Type of Financial Accounting Data	O	1		N/A
294	FA2	Accounting Data	M	>1		N/A
LOOP ID - N9					1000	21
295	N9	Reference Identification	O	1	Used	22
* 297	DTM	Date/Time Reference	O	>1		N/A
300	MSG	Message Text	O	1000	Used	23
LOOP ID - N1					200	24
310	N1	Name	O	1	Used	25
320	N2	Additional Name Information	O	2	Used	27
330	N3	Address Information	O	2	Used	28
340	N4	Geographic Location	O	>1	Used	29
* 345	NX2	Location ID Component	O	>1		N/A
350	REF	Reference Identification	O	12	Used	30
360	PER	Administrative Communications Contact	O	>1	Used	31
* 365	SI	Service Characteristic Identification	O	>1		N/A
* 370	FOB	F.O.B. Related Instructions	O	1		N/A
* 380	TD1	Carrier Details (Quantity and Weight)	O	2		N/A
* 390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		N/A
* 400	TD3	Carrier Details (Equipment)	O	12		N/A
* 410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		N/A
* 420	PKG	Marking, Packaging, Loading	O	200		N/A
* LOOP ID - LM					≥1	N/A
430	LM	Code Source Information	O	1		N/A
440	LQ	Industry Code	M	>1		N/A
* LOOP ID - SPI					≥1	N/A
450	SPI	Specification Identifier	O	1		N/A
460	REF	Reference Identification	O	5		N/A
470	DTM	Date/Time Reference	O	5		N/A
480	MSG	Message Text	O	50		N/A
LOOP ID - N1					20	N/A

490	N1	Name	O	1		N/A
500	N2	Additional Name Information	O	2		N/A
510	N3	Address Information	O	2		N/A
520	N4	Geographic Location	O	1		N/A
530	REF	Reference Identification	O	20		N/A
540	G61	Contact	O	1		N/A
550	MSG	Message Text	O	50		N/A
LOOP ID - CB1					≥1	
560	CB1	Contract and Cost Accounting Standards Data	O	1		N/A
570	REF	Reference Identification	O	20		N/A
580	DTM	Date/Time Reference	O	5		N/A
590	LDT	Lead Time	O	1		N/A
600	MSG	Message Text	O	50		N/A
* LOOP ID - ADV					≥1	
610	ADV	Advertising Demographic Information	O	1		N/A
620	DTM	Date/Time Reference	O	>1		N/A
630	MTX	Text	O	>1		N/A

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - PO1					100000	N2/010L		33
010	PO1	Baseline Item Data	M	1		N2/010	Must use	34
* 015	LIN	Item Identification	O	>1				N/A
* 018	SI	Service Characteristic Identification	O	>1				N/A
* 020	CUR	Currency	O	1				N/A
* 025	CN1	Contract Information	O	1				N/A
* 030	PO3	Additional Item Detail	O	25				N/A
* LOOP ID - CTP					≥1			N/A
040	CTP	Pricing Information	O	1				N/A
043	CUR	Currency	O	1				N/A
* 045	PAM	Period Amount	O	10				N/A
* 049	MEA	Measurements	O	40				N/A
LOOP ID - PID					1000			37
050	PID	Product/Item Description	O	1			Used	38
* 060	MEA	Measurements	O	10				N/A
* 070	PWK	Paperwork	O	25				N/A
090	PO4	Item Physical Details	O	>1			Used	40
100	REF	Reference Identification	O	>1			Used	41
* 110	PER	Administrative Communications Contact	O	3				N/A
* LOOP ID - SAC					25			N/A
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
135	CUR	Currency	O	1				N/A
137	CTP	Pricing Information	O	1				N/A
* 140	IT8	Conditions of Sale	O	1				N/A
* 142	CSH	Sales Requirements	O	>1				N/A
* 150	ITD	Terms of Sale/Deferred	O	2				N/A

		Terms of Sale						
* 160	DIS	Discount Detail	O	20				N/A
* 165	INC	Installment Information	O	1				N/A
* 170	TAX	Tax Reference	O	>1				N/A
* 180	FOB	F.O.B. Related Instructions	O	>1				N/A
* 190	SDQ	Destination Quantity	O	500				N/A
* 200	IT3	Additional Item Data	O	5				N/A
* 210	DTM	Date/Time Reference	O	10				N/A
* 235	TC2	Commodity	O	>1				N/A
* 240	TD1	Carrier Details (Quantity and Weight)	O	1				N/A
* 250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 260	TD3	Carrier Details (Equipment)	O	12				N/A
* 270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 276	PCT	Percent Amounts	O	>1				N/A
* 280	MAN	Marks and Numbers	O	10				N/A
* 289	MSG	Message Text	O	>1				N/A
* 290	SPI	Specification Identifier	O	>1				N/A
* 291	TXI	Tax Information	O	>1				N/A
* 292	CTB	Restrictions/Conditions	O	>1				N/A
* LOOP ID - QTY					≥1			N/A
293	QTY	Quantity	O	1				N/A
294	SI	Service Characteristic Identification	O	>1				N/A
LOOP ID - SCH					200	N2/295L		43
295	SCH	Line Item Schedule	O	1		N2/295	Used	44
* 296	TD1	Carrier Details (Quantity and Weight)	O	2				N/A
* 297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12				N/A
* 298	TD3	Carrier Details (Equipment)	O	12				N/A
* 299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5				N/A
* 300	REF	Reference Identification	O	>1				N/A
LOOP ID - PKG					200			46
305	PKG	Marking, Packaging, Loading	O	1			Used	47
* 310	MEA	Measurements	O	>1				N/A
* LOOP ID - LS					1			N/A
320	LS	Loop Header	O	1				N/A
LOOP ID - LDT					≥1			N/A
321	LDT	Lead Time	O	1				N/A
322	QTY	Quantity	O	>1				N/A
323	MSG	Message Text	O	1				N/A
324	REF	Reference Identification	O	3				N/A
LOOP ID - LM					≥1			N/A
325	LM	Code Source Information	O	1				N/A

326	LQ	Industry Code	M	>1	N/A	
327	LE	Loop Trailer	M	1	N/A	
* LOOP ID - N9					1000	N/A
330	N9	Reference Identification	O	1	N/A	
332	DTM	Date/Time Reference	O	>1	N/A	
335	MEA	Measurements	O	40	N/A	
340	MSG	Message Text	O	1000	N/A	
* LOOP ID - N1					200	N/A
350	N1	Name	O	1	N/A	
360	N2	Additional Name Information	O	2	N/A	
370	N3	Address Information	O	2	N/A	
380	N4	Geographic Location	O	1	N/A	
383	QTY	Quantity	O	>1	N/A	
385	NX2	Location ID Component	O	>1	N/A	
390	REF	Reference Identification	O	12	N/A	
400	PER	Administrative Communications Contact	O	3	N/A	
405	SI	Service Characteristic Identification	O	>1	N/A	
406	DTM	Date/Time Reference	O	1	N/A	
410	FOB	F.O.B. Related Instructions	O	1	N/A	
415	SCH	Line Item Schedule	O	200	N/A	
420	TD1	Carrier Details (Quantity and Weight)	O	2	N/A	
430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	N/A	
440	TD3	Carrier Details (Equipment)	O	12	N/A	
450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	N/A	
460	PKG	Marking, Packaging, Loading	O	200	N/A	
LOOP ID - LDT					>1	N/A
462	LDT	Lead Time	O	1	N/A	
464	MAN	Marks and Numbers	O	10	N/A	
466	QTY	Quantity	O	5	N/A	
468	MSG	Message Text	O	1	N/A	
469	REF	Reference Identification	O	3	N/A	
* LOOP ID - SLN					1000	N/A
470	SLN	Subline Item Detail	O	1	N/A	
* 475	MSG	Message Text	O	>1	N/A	
* 480	SI	Service Characteristic Identification	O	>1	N/A	
490	PID	Product/Item Description	O	1000	N/A	
* 500	PO3	Additional Item Detail	O	104	N/A	
* 505	TC2	Commodity	O	>1	N/A	
* 513	ADV	Advertising Demographic Information	O	>1	N/A	
* 515	DTM	Date/Time Reference	O	10	N/A	
* 516	CTP	Pricing Information	O	25	N/A	
* 517	PAM	Period Amount	O	10	N/A	

* 518	PO4	Item Physical Details	O	1		N/A
* 519	TAX	Tax Reference	O	3		N/A
* LOOP ID - N9					≥1	N/A
523	N9	Reference Identification	O	1		N/A
524	DTM	Date/Time Reference	O	>1		N/A
525	MSG	Message Text	O	>1		N/A
* LOOP ID - SAC					25	N/A
526	SAC	Service, Promotion, Allowance, or Charge Information	O	1		N/A
527	CUR	Currency	O	1		N/A
528	CTP	Pricing Information	O	1		N/A
* LOOP ID - QTY					≥1	N/A
529	QTY	Quantity	O	1		N/A
530	SI	Service Characteristic Identification	O	>1		N/A
* LOOP ID - N1					10	N/A
535	N1	Name	O	1		N/A
540	N2	Additional Name Information	O	2		N/A
550	N3	Address Information	O	2		N/A
560	N4	Geographic Location	O	1		N/A
570	NX2	Location ID Component	O	>1		N/A
580	REF	Reference Identification	O	12		N/A
590	PER	Administrative Communications Contact	O	3		N/A
595	SI	Service Characteristic Identification	O	>1		N/A
* LOOP ID - AMT					≥1	N/A
600	AMT	Monetary Amount	O	1		N/A
610	REF	Reference Identification	O	1		N/A
612	PCT	Percent Amounts	O	>1		N/A
* LOOP ID - LM					≥1	N/A
620	LM	Code Source Information	O	1		N/A
630	LQ	Industry Code	M	>1		N/A

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - CTT					1	N3/010L		48
010	CTT	Transaction Totals	O	1		N3/010	Used	49
* 020	AMT	Monetary Amount	O	1		N3/020		N/A
030	SE	Transaction Set Trailer	M	1			Must use	50
	GE	Functional Group Trailer	M	1			Must use	51
	IEA	Interchange Control Trailer	M	1			Must use	52

Notes:

- 1/060 No
- 1/180 If segment LIN is used, do not use LIN01.
- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 2/295L 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.
- 2/295 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.
- 3/010L 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.
- 3/010 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.
- 3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Buyer Usage:*MODIFICATIONS TO SPECIFICATION:*

04/22/2011 - Added SCH08 and SCH09 to ST Loop/PO1 Loop/SCH loop/SCH segment. This will be used to notify the vendor of what date we are holding them accountable to ship. SCH05 and SCH06 are used to ensure our ship date is in synch with your ship date.

ISA Interchange Control Header

Pos:	Max: 1
Heading - 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. (Total Codes: 7)

ISA02	I02	Authorization Information	M	AN	10/10	Must use
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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
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Description: Code to identify the type of information in the Security Information
All valid standard codes are used. (Total Codes: 2)

ISA04	I04	Security Information	M	AN	10/10	Must use
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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
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Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 2)

<u>Code</u>	<u>Name</u>
12	Phone (Telephone Companies) Buyer Usage: "12" is the Production ID Qualifier
ZZ	Mutually Defined Buyer Usage: "ZZ" is the Test ID Qualifier

ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
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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

Buyer Usage: 8472722888 - Production ID
8472722888T - Test ID

ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
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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. (Total Codes: 38)

ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
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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

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. (Total Codes: 1)				
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. (Total Codes: 14)				
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. (Total Codes: 2)				
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. (Total Codes: 3)				
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^      ^12^8472722888      ^01^123456789
^070606^1339^U^00401^000000310^0^P^|
```

GS Functional Group Header

Pos:	Max: 1
Heading - 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

CodeList Summary (Total Codes: 240, Included: 1)

<u>Code</u>	<u>Name</u>
PO	Purchase Order (850)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
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Description: Code identifying party sending 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

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

GS05	337	Time	M	TM	4/8	Must use
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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
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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. (Total Codes: 2)

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

CodeList Summary (Total Codes: 39, Included: 1)

<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^PO^CRATEDOMES^123456789^070606^1339^240^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

CodeList Summary (Total Codes: 298, Included: 1)

<u>Code</u>	<u>Name</u>
850	Purchase Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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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^850^0000001

BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
00	Original
06	Confirmation

Buyer Usage:

Use of "06" indicates that this is an EDI transmission of an order that has already been issued manually as handwritten purchase order.

BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
-------	----	--------------------------	---	----	-----	----------

Description: Code specifying the type of Purchase Order

CodeList Summary (Total Codes: 69, Included: 1)

Code	Name
SA	Stand-alone Order

BEG03	324	Purchase Order Number	M	AN	1/22	Must use
-------	-----	-----------------------	---	----	------	----------

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

Buyer Usage: *The 7 digit value in this field represents our Purchase Order Number. This number must be returned in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856).*

BEG05	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

Buyer Usage: *Buyer's Order Date*

BEG07	587	Acknowledgment Type	O	ID	2/2	Used
-------	-----	---------------------	---	----	-----	------

Description: Code specifying the type of acknowledgment

Buyer Usage: *Buyer does not dictate what type of acknowledgment you are allowed to send.*

We will only notify you that an acknowledgment is not needed by sending 'NA' in this field.

Most purchase orders will require an acknowledgment which means this element will more than likely not be sent.

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
NA	No Acknowledgment Needed

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

Example:

BEG^00^SA^1234567^20070601

BEG^00^SA^2345678^20070620^NA

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

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

CodeList Summary (Total Codes: 1312, Included: 1)

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

CUR02	100	Currency Code	M	ID	3/3	Must use
-------	-----	----------------------	---	----	-----	----------

Description: Code (Standard ISO) for country in whose currency the charges are specified

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

CodeList Summary (Total Codes: 1503, Included: 1)

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

Buyer Usage:

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

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/PO Change Acknowledgement (855/865) and ASN (856)

Example:

REF^IA^1234

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

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>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges

CodeList Summary (Total Codes: 28, Included: 4)

<u>Code</u>	<u>Name</u>
CC	Collect
DF	Defined by Buyer and Seller
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)

FOB02	309	Location Qualifier	X	ID	1/2	Used
-------	-----	--------------------	---	----	-----	------

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 4)

<u>Code</u>	<u>Name</u>
AC	City and State
DE	Destination (Shipping)
OR	Origin (Shipping Point)
OV	On Vessel (Free On Board [FOB] point)

FOB03	352	Description	O	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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

FOB05	335	Transportation Terms Code	X	ID	3/3	Used
-------	-----	---------------------------	---	----	-----	------

Description: Code identifying the trade terms which apply to the shipment transportation responsibility

CodeList Summary (Total Codes: 25, Included: 3)

<u>Code</u>	<u>Name</u>
CFR	Cost and Freight Description: Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered on board the vessel; these are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment
CIF	Cost, Insurance, and Freight Description: Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered onboard the vessel; risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must in addition procure (i.e. contract and pay for) marine insurance against the buyer's risk of loss or damage during shipment
EXW	Ex Works Description: Buyer bears all costs and risks in taking the goods from the seller's premises to the desired location

FOB06	309	Location Qualifier	X	ID	1/2	Used
-------	-----	--------------------	---	----	-----	------

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 1)

	<u>Code</u>	<u>Name</u>				
	OV	On Vessel (Free On Board [FOB] point)				
FOB07	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

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.

Example:

FOB^PP^DE^CITY, ST 00000

ITD

Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify terms of sale

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>										
ITD01	336	Terms Type Code	O	ID	2/2	Used										
<p>Description: Code identifying type of payment terms</p> <p>CodeList Summary (Total Codes: 65, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Basic</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	01	Basic						
<u>Code</u>	<u>Name</u>															
01	Basic															
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used										
<p>Description: Code identifying the beginning of the terms period</p> <p>CodeList Summary (Total Codes: 17, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Invoice Date</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	3	Invoice Date						
<u>Code</u>	<u>Name</u>															
3	Invoice Date															
ITD03	338	Terms Discount Percent	O	R	1/6	Used										
<p>Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date</p>																
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used										
<p>Description: Number of days in the terms discount period by which payment is due if terms discount is earned</p>																
ITD07	386	Terms Net Days	O	N0	1/3	Used										
<p>Description: Number of days until total invoice amount is due (discount not applicable)</p>																
ITD12	352	Description	O	AN	1/80	Used										
<p>Description: A free-form description to clarify the related data elements and their content</p> <p>Buyer Usage: <i>ITD12 will be used if the appropriate code (example: International Collections) does not exist for the ITD14 element.</i></p>																
ITD14	107	Payment Method Code	O	ID	1/2	Used										
<p>Description: Code identifying type of payment procedures</p> <p>CodeList Summary (Total Codes: 37, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Pay By Check</td> </tr> <tr> <td>E</td> <td>Electronic Payment System</td> </tr> <tr> <td>L</td> <td>Letter of Credit</td> </tr> <tr> <td>T</td> <td>Wire Transfer</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	C	Pay By Check	E	Electronic Payment System	L	Letter of Credit	T	Wire Transfer
<u>Code</u>	<u>Name</u>															
C	Pay By Check															
E	Electronic Payment System															
L	Letter of Credit															
T	Wire Transfer															

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Example:

ITD^01^3^30^E

Loop Reference Identification

Pos: 295	Repeat: 1000
	Optional
Loop: N9	Elements: N/A

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

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>
295	N9	Reference Identification	O	1		Used
300	MSG	Message Text	O	1000		Used

Example:

N9^TOC^Ship Instruction
 MSG^1. Refer to the Domestic Vendor Operations Guide
 MSG^2. If you do not have a copy of the Domestic
 MSG^Vendor Operations Guide, contact Vendor Relations
 MSG^via email: vendor_relations@crateandbarrel.com
 MSG^3. A copy of the Packing List must be attached to
 MSG^one of the boxes and marked as such.
 MSG^4. Do not pack more than one Purchase Order
 MSG^within a carton.
 MSG^5. Do not pack more than one sku within a carton.
 MSG^6. Please fax a copy of the Bill of Lading with
 MSG^the Carrier's Pro# and a copy of the Packing List
 MSG^to the appropriate Furniture Merchandising Team
 MSG^at Fax: 847-555-1234 AND directly to the warehouse
 MSG^that you are shipping to.
 MSG^7. If you cannot meet the shipping window outlined
 MSG^in the Vendor Operations Guide, you MUST contact
 MSG^the Planner or Product Manager in advance.

N9^TOC^Vendor Instruction
 MSG^1. Refer to the Domestic Vendor Operations Guide.
 MSG^2. Vendor must receive Product Manager's
 MSG^approval on any variation for any item appearing
 MSG^on this Purchase Order.
 MSG^3. The Crate and Barrel Purchase Order Number
 MSG^must be on all invoices, Bills of Lading, Packages,
 MSG^Packing Lists and Correspondence
 MSG^4. After the item has shipped, E-mail the
 MSG^Original Invoice to the appropriate Merchandising
 MSG^Assistant or mail the Original Invoice to the
 MSG^attention of the Furniture Merchandising
 MSG^Department.
 MSG^5. Vendors are responsible to label merchandise
 MSG^with a barcode label. Items that require a
 MSG^barcode label are indicated on this purchase
 MSG^order. Barcode labels must be ordered through an
 MSG^approved Crate and Barrel label supplier. Any
 MSG^exceptions must be approved by the Product
 MSG^Manager.
 MSG^6. All products sold to Crate and Barrel must meet
 MSG^all legal requirements for sale in the U.S. and
 MSG^Canada.

N9^TOC^Additional Instruction
 MSG^TAG: 411/LASTNAME/RV
 MSG^SALE NUMBER: 1234567

N9 Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

<u>Code</u>	<u>Name</u>
TOC	Type of Comment

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

Description: Free-form descriptive text

Buyer Usage: Buyer will send several types of notes in the N9 loop, with the note type indicated using the N903. The following types of notes will be sent:

- "Order Message"
- "Ship Instruction"
- "Vendor Instruction"
- "Additional Instruction"

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

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

Example:

```
N9^TOC^Ship Instruction
N9^TOC^Vendor Instruction
N9^TOC^Additional Instruction
```

MSG Message Text

Pos: 300	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text 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>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Example:

MSG^1. Refer to the Domestic Vendor Operations Guide
 MSG^2. If you do not have a copy of the Domestic
 MSG^Vendor Operations Guide, contact Vendor Relations
 MSG^via email: vendor_relations@crateandbarrel.com
 MSG^3. A copy of the Packing List must be attached to
 MSG^one of the boxes and marked as such.
 MSG^4. Do not pack more than one Purchase Order
 MSG^within a carton.
 MSG^5. Do not pack more than one sku within a carton.
 MSG^6. Please fax a copy of the Bill of Lading with
 MSG^the Carrier's Pro# and a copy of the Packing List
 MSG^to the appropriate Furniture Merchandising Team
 MSG^at Fax: 847-555-1234 AND directly to the warehouse
 MSG^that you are shipping to.
 MSG^7. If you cannot meet the shipping window outlined
 MSG^in the Vendor Operations Guide, you MUST contact
 MSG^the Planner or Product Manager in advance.

** If a MSG segment data begins with "TAG" then the buyer expects you to affix a tag, to the product, with the information to the right of the colon (:) on the tag along with the sale number. Sale number is also sent in REF_02 where REF_ST.

The format is buyer's store number/customer last name/salespersons initials, second line is the buyer's sale number.

This requirement is primarily for custom furniture and you can disregard if your company does not produce customized products.

MSG^TAG: 411/LASTNAME/RV
 MSG^SALE NUMBER: 1234567

Loop Name

Pos: 310 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>
310	N1	Name	O	1		Used
320	N2	Additional Name Information	O	2		Used
330	N3	Address Information	O	2		Used
340	N4	Geographic Location	O	>1		Used
350	REF	Reference Identification	O	12		Used
360	PER	Administrative Communications Contact	O	>1		Used

Example:

```

N1^BY^CRATE and BARREL^92^303
N3^1250 Techny Road
N4^Northbrook^IL^60062^USA
PER^C^NAME^TE^8472722888
N1^SU^SUPPLIER INDUSTRIES INC^92^1234
N3^402 MAIN ST.
N4^CITY^NC^28658^USA
PER^C^TE^5555555555^FX^5555555556
N1^ST^CRATE and BARREL^92^991
N3^621 STREET
N4^CITY^NC^28092^USA
PER^C^TE^5555555555^FX^5555555556
N1^BT^CRATE and BARREL
N3^ATTN: Furniture Merchandising Department^123 Main St
N4^Northbrook^IL^60062^USA
PER^C^TE^5555555555^FX^5555555556
    
```

N1

Name

Pos: 310	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

CodeList Summary (Total Codes: 1312, Included: 8)

<u>Code</u>	<u>Name</u>
AG	Agent/Agency
BT	Bill-to-Party
BY	Buying Party (Purchaser)
Buyer Usage: <i>Buyer's product manager information and number</i>	
H1	Representative
IF	International Freight Forwarder
OB	Ordered By
Buyer Usage: <i>Customers Last name that should be printed on the tag attached to custom furniture.</i>	
ST	Ship To
Buyer Usage: <i>When N1_01 = "ST", the N1 loop must be returned in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856). The ship to can either be the buyer's warehouse or store number.</i>	
SU	Supplier/Manufacturer
Buyer Usage: <i>When N1_01 = "SU", the N1 loop must be returned in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856). This is the same number, buyer's internal vendor number, that is sent in REF_02 where REF_01="IA".</i>	

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)

CodeList Summary (Total Codes: 215, Included: 1)

<u>Code</u>	<u>Name</u>
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code

Buyer Usage: *If element N101 is:*

AG: Buyer's assigned 7 digit number for the Agent
BT: Buyers assigned 7 digit number for the Bill-To
BY: Buyer's assigned 3 digit number for the Product Manager

*H1: Buyer's assigned 7 digit number for the Representative
 IF: Buyer's assigned 7 digit number for the Freight Forwarder
 OB: this element will not be sent as no number is associated to it
 ST: Buyer's assigned 3 digit number for the ship-to location (warehouse or store)
 SU: If supplier needs their own internal code sent here please contact
 editechsupport@crateandbarrel.com otherwise the Buyer's assigned 7 digit number for the
 vendor/supplier will go here. This is the same number that goes in REF*IA.*

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
 N1^SU^SUPPLIER INDUSTRIES INC^92^7654321
 N1^ST^CRATE and BARREL^92^991
 N1^BT^CRATE and BARREL^92^999
 N1^OB^Johnson
 N1^H1^DK1 Forwarder Service^92^1234567*

N2 Additional Name Information

Pos: 320	Max: 2
Heading - 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

Example:

N2^Additional Name info. or Address line if needed

N3 Address Information

Pos: 330	Max: 2
Heading - 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^ATTN: Furniture Merchandising Department^123 Main St

N4 Geographic Location

Pos: 340	Max: >1
Heading - 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: ISO 3 Character Country Code				

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^Northbrook^IL^60062^USA
```

REF Reference Identification

Pos: 350	Max: 12
Heading - Optional	
Loop: N1	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

CodeList Summary (Total Codes: 1503, Included: 2)

<u>Code</u>	<u>Name</u>
CO	Customer Order Number Buyer Usage: <i>Buyer's internal order number for the customer's order. Used when N1_01 = "OB"</i>
ST	Store Number Buyer Usage: <i>Buyer's Store number that placed the order. Used when N1_01 = "BY"</i>

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:

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

Semantics:

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

Example:

Store that placed the order is 123 (3 numeric):

REF^ST^123

The buyer's customer order number for the sale is 12345678901 (11 numeric):

REF^CO^12345678901

PER Administrative Communications Contact

Pos: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	Contact Function Code	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 3)

Code	Name
AL	Alternate Contact Description: Person to be contacted when the main contact is not available Buyer Usage: used only when N1_01 = "BT"
EB	Entered By Buyer Usage: used only when N1_01 = "BY". Identifies initials of salesperson who entered custom furniture order.
IC	Information Contact Buyer Usage: Used when N1_01 = "BY", "SU", "ST", "BT", "H1", or "IF"

PER02	93	Name	O	AN	1/60	Used
-------	----	------	---	----	------	------

Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 3)

Code	Name
EM	Electronic Mail
FX	Facsimile
TE	Telephone

PER04	364	Communication Number	X	AN	1/80	Used
-------	-----	----------------------	---	----	------	------

Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 3)

Code	Name
EM	Electronic Mail
FX	Facsimile
TE	Telephone

PER06	364	Communication Number	X	AN	1/80	Used
-------	-----	----------------------	---	----	------	------

Description: Complete communications number including country or area code when applicable

PER07	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 3)

<u>Code</u>	<u>Name</u>
EM	Electronic Mail
FX	Facsimile
TE	Telephone

PER08	364	Communication Number	X	AN	1/80	Used
-------	-----	-----------------------------	---	----	------	------

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Example:

PER^C^NAME^TE^8472722888

Loop Baseline Item Data

Pos: 010	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	PO1	Baseline Item Data	M	1		Must use
050		Loop PID	O		1000	Used
090	PO4	Item Physical Details	O	>1		Used
100	REF	Reference Identification	O	>1		Used
295		Loop SCH	O		200	Used
305		Loop PKG	O		200	Used

Example:

```

PO1^3^200^EA^12.3^PE^N^123456^VN^123-4-567-89012-4^UP^1234567890123^CH^JAP
PID^F^Cook Book
PID^F^MB^NAME OF Book
PO4^10^1
REF^DP^01^DEPT NAME
REF^ACD^75^COOKBOOKS
SCH^190^EA^010^20070901^275^20070901
PKG^F^Label Type : SSN:Std Label w/No Price
PO1^7^1^EA^653^PE^N^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
REF^DP^50^FURNITURE STORE ONLY
REF^ACD^20^STOCK PLUS
SCH^1^EA^010^20070913^275^20070913
    
```

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 19

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

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>
PO101	350	Assigned Identification	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set
Buyer Usage: The 4 digit value in this field represents Line Item Number in Buyer's application. This number must be returned in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856).

PO102	330	Quantity Ordered	X	R	1/15	Used
-------	-----	-------------------------	---	---	------	------

Description: Quantity ordered

PO103	355	Unit or Basis for Measurement Code	O	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

CodeList Summary (Total Codes: 794, Included: 1)

<u>Code</u>	<u>Name</u>
EA	Each

PO104	212	Unit Price	X	R	1/17	Used
-------	-----	-------------------	---	---	------	------

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

PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
-------	-----	---------------------------------	---	----	-----	------

Description: Code identifying the type of unit price for an item

CodeList Summary (Total Codes: 91, Included: 1)

<u>Code</u>	<u>Name</u>
PE	Price per Each

PO106	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: Buyer's Item Number ("IN" qualifier in element 235) will always be sent. This number must be returned to Buyer in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856).

If other optional product identifiers are sent, each will be sent in the next available DE 235/DE 234 pair.

Optional product identifiers can be sent in any order in the DE 235/DE 234 pairs. Valid codes were not put in each 235 element to reduce the size of the I-Guide.

CodeList Summary (Total Codes: 477, Included: 7)

<u>Code</u>	<u>Name</u>
CB	Buyer's Catalog Number

Buyer Usage:

Future Use - not used at this time. Paired 234 element will contain "YES" to indicate the item is in an active catalog. If "CB" is absent from 235/234 pairs, the item is not in an active catalog.

CH	Country of Origin Code
----	------------------------

Buyer Usage:

			<i>ISO 3 character code to be printed on carton label</i>			
HD			International Harmonized Commodity Code Description: For customs authority purposes, the class and description of a subject part or material item per harmonized agreements on tariff commodity codes			
IN			Buyer's Item Number Buyer Usage: 6 Digit SKU Number to be printed on product label. SKU is sent without hyphen but should be formatted as XXX-XXX when printed.			
MF			Manufacturer Buyer Usage: Manufacturer's ID Number expected by US Government			
UP			U.P.C. Consumer Package Code (1-5-5-1)			
VN			Vendor's (Seller's) Item Number			

PO107	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO108	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 PO106 for code list				
PO109	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO110	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 PO106 for code list				
PO111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO112	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 PO106 for code list				
PO113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO114	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 PO106 for code list				
PO115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO116	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 PO106 for code list				
PO117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO118	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 PO106 for code list

PO119	234	Product/Service ID	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 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.

Buyer Usage:

Buyer's Item Number ("IN" qualifier in element 235) will always be sent. This number must be returned to Buyer in the corresponding PO/PO Change Acknowledgement (855/865) and ASN (856).

If other optional product identifiers are sent, each will be sent in the next available DE 235/DE 234 pair.

Optional product identifiers can be sent in any order in the DE 235/DE 234 pairs. Valid codes were not put in each 235 element to reduce the size of the I-Guide.

Example:

PO1^3^200^EA^12.3^PE^IN^123456^VN^123-4-567-89012-4^UP^1234567890123^CH^JAP

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:

Stock purchase orders:

PID^F^M^S^STOPPER CHAMPAGNE/WINE 2.5
 PID^F^M^B^S^Champagne/wine Stopper

Custom furniture purchase orders:

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

Buyer Usage: Buyer will use this to distinguish between formal product description (PID01 = F) and production description notes (PID01 = S). In both cases, PID05 will be used for the text of the description or note

CodeList Summary (Total Codes: 3, Included: 2)

<u>Code</u>	<u>Name</u>
F	Free-form
S	Structured (From Industry Code List)

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

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

CodeList Summary (Total Codes: 217, Included: 1)

<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: IF PID_02 = "MB", this description should be printed on carton label. The description for the label is a max of 32 bytes.

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.

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

PO4 Item Physical Details

Pos: 090	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	Pack	O	N0	1/6	Used

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

Buyer Usage: *Master pack quantity*

PO414	810	Inner Pack	O	N0	1/6	Used
-------	-----	------------	---	----	-----	------

Description: The number of eaches per inner container

Buyer Usage: *Inner pack quantity*

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. 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.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. 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".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Example:

Master pack (Carton, bag etc.) will have 10 pieces and each inner pack will be one piece:

`PO4^10^1`

Master pack (Carton, bag etc.) will have 10 pieces and each inner pack will be for five pieces. This would mean two inner packs are inside the master pack:

`PO4^10^5`

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

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

CodeList Summary (Total Codes: 1503, Included: 4)

<u>Code</u>	<u>Name</u>
DP	Department Number Buyer Usage: <i>Buyer's internal 2 digit department number for the product.</i>
PH	Priority Rating Buyer Usage: <i>(Future Use) When implemented, "PH" with REF_02 = "HOT" will indicate to contact buyer immediately if there is any delay in shipment.</i>
QW	New Part Number Buyer Usage: <i>This is the first purchase order for this product from the buyer.</i>
ACD	Class Code Buyer Usage: <i>Buyer's 2 digit internal class number for the product. The class relates to the Department Number. The same class code could exist in multiple departments with each having a different meaning. Dept 10 Class 01 is not the same as Dept 50 Class 01.</i>

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

Buyer Usage: *If REF_01 = "DP", this element is printed on the carton label as the Department code
 If REF_01 = "QW", this element will contain "YES" to indicate it is the first order for a new product
 If REF_01 = "ACD", this element is printed on the carton label as the Class code*

REF03	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

Description: A free-form description to clarify the related data elements and their content
Buyer Usage: *REF_03 used when REF_01 = "DP" or "ACD"*

Syntax Rules:

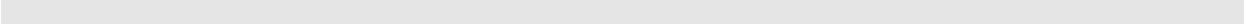
1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

Example:

```
REF^DP^01^DEPT NAME
REF^ACD^75^COOKBOOKS
REF^QW^YES
```



Loop Line Item Schedule

Pos: 295	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>
295	SCH	Line Item Schedule	O	1		Used

Example:

SCH^190^EA^^010^20070901

SCH Line Item Schedule

Pos: 295	Max: 1
Detail - Optional	
Loop: SCH	Elements: 6

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 <i>Description:</i> Numeric value of quantity	M	R	1/15	Must use				
SCH02	355	Unit or Basis for Measurement Code <i>Description:</i> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </table>	<u>Code</u>	<u>Name</u>	EA	Each	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
EA	Each									
SCH05	374	Date/Time Qualifier <i>Description:</i> Code specifying type of date or time, or both date and time CodeList Summary (Total Codes: 1112, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>010</td> <td>Requested Ship</td> </tr> </table>	<u>Code</u>	<u>Name</u>	010	Requested Ship	M	ID	3/3	Must use
<u>Code</u>	<u>Name</u>									
010	Requested Ship									
SCH06	373	Date <i>Description:</i> Date expressed as CCYYMMDD	M	DT	8/8	Must use				
SCH08	374	Date/Time Qualifier <i>Description:</i> Code specifying type of date or time, or both date and time CodeList Summary (Total Codes: 1112, Included: 1) <table border="1"> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> <tr> <td>275</td> <td>Approved</td> </tr> </table> <i>Description:</i> Date that has been approved for Shipment. Will hold vendor accountable to this ship date for metrics reporting and/or chargeback calculations for early/late shipments.	<u>Code</u>	<u>Name</u>	275	Approved	X	ID	3/3	Used
<u>Code</u>	<u>Name</u>									
275	Approved									
SCH09	373	Date <i>Description:</i> Date expressed as CCYYMMDD	X	DT	8/8	Used				

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.

Example:

Below means your ship date and ours are in agreement

SCH^190^EA^^010^20070901^275^20070901

Below means your ship date and ours are not in agreement. We recognize you will not ship on time but we will still hold you accountable to shipping on 08/15/2007. Below should not occur in an 850, only an 860, unless the PO was maintained manually on our end before the first electronic send of the 850..

SCH^190^EA^^010^20070901^275^20070815

Loop Marking, Packaging, Loading

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

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

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	PKG	Marking, Packaging, Loading	O	1		Used

Example:

PKG^F^^^Label Type : SSN:Std Label w/No Price

PKG Marking, Packaging, Loading

Pos: 305	Max: 1
Detail - Optional	
Loop: PKG	Elements: 2

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

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>
PKG01	349	Item Description Type	X	ID	1/1	Used

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

<u>Code</u>	<u>Name</u>
F	Free-form

PKG05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Buyer Usage: *Description of type of label that goes on product (not carton) and is always prefixed by "Label Type : "*

Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 - If PKG04 is present, then PKG03 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

Semantics:

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

Comments:

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

Buyer Usage:

This provides the type of product label you should order from the buyer's approved label providers. This is provided for informational purposes to the supplier as approved label providers already have this information.

Loop Transaction Totals

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

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>
010	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

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>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

Description: Total number of line items in the transaction set

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

Example:

CTT^5

<h1 style="margin: 0;">SE</h1>	<h1 style="margin: 0;">Transaction Set Trailer</h1>	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:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Summary - 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
Summary - 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:

Furniture Vendor

```

ISA^00^          ^00^          ^12^8475551234  ^01^123456789
^070601^1339^U^00401^000000310^0^P^
GS^PO^CRATEDOMES^123456789^070601^1339^240^X^004010
ST^850^1234567
BEG^06^SA^1234567^20070601
CUR^BY^USD
REF^IA^2950
FOB^PP^DE^CITY, NC 28000
ITD^01^M^M^M^M^M^30^M^M^M^M^M^E
N9^TOC^Ship Instruction
MSG^1. Refer to the Domestic Vendor Operations Guide
MSG^2. If you do not have a copy of the Domestic
MSG^Vendor Operations Guide, contact Vendor Relations
MSG^via email: vendor_relations@crateandbarrel.com
MSG^3. A copy of the Packing List must be attached to
MSG^one of the boxes and marked as such.
MSG^4. Do not pack more than one Purchase Order
MSG^within a carton.
MSG^5. Do not pack more than one sku within a carton.
MSG^6. Please fax a copy of the Bill of Lading with
MSG^the Carrier's Pro# and a copy of the Packing List
MSG^to the appropriate Furniture Merchandising Team
MSG^at Fax: 847-555-1234 AND directly to the warehouse
MSG^that you are shipping to.
MSG^7. If you cannot meet the shipping window outlined
MSG^in the Vendor Operations Guide, you MUST contact
MSG^the Planner or Product Manager in advance.
N9^TOC^Vendor Instruction
MSG^1. Refer to the Domestic Vendor Operations Guide.
MSG^2. Vendor must receive Product Manager's
MSG^approval on any variation for any item appearing
MSG^on this Purchase Order.
MSG^3. The Crate and Barrel Purchase Order Number
MSG^must be on all invoices, Bills of Lading, Packages,
MSG^Packing Lists and Correspondence
MSG^4. After the item has shipped, E-mail the
MSG^Original Invoice to the appropriate Merchandising
MSG^Assistant or mail the Original Invoice to the
MSG^attention of the Furniture Merchandising
MSG^Department.
    
```

MSG^5. Vendors are responsible to label merchandise MSG^with a barcode label. Items that require a MSG^barcode label are indicated on this purchase MSG^order. Barcode labels must be ordered through an MSG^approved Crate and Barrel label supplier. Any MSG^exceptions must be approved by the Product MSG^Manager.

MSG^6. All products sold to Crate and Barrel must meet MSG^all legal requirements for sale in the U.S. and MSG^Canada.

N1^BY^CRATE and BARREL^92^303

N3^1250 Any Road

N4^Northbrook^IL^60062^USA

PER^N^C^FIRST LAST^TE^8475551234

N1^SU^FURNITURE INDUSTRIES INC^92^1234

N3^402 MAIN ST.

N4^CITY^NC^55555^USA

PER^N^C^TE^8475551234^FX^8475551235

N1^ST^CRATE and BARREL^92^123

N3^621 MAIN ST

N4^CITY^NC^55555^USA

PER^N^C^TE^8475551234^FX^8475551235

N1^BT^CRATE and BARREL

N3^ATTN: Furniture Merchandising Department^1250 Any Road

N4^Northbrook^IL^60062^USA

PER^N^C^TE^8475551234^FX^8472918784

PO1^1^42^EA^588^PE^IN^111111^VN^11-11^CB^YES

PID^F^SNOW 11-11

PID^F^MB^SNOW 11-11

PID^S^SINUOUS WIRE SUSPENSION, POLY

PID^S^FIBER SEATS, FIBER BACKS IN

PID^S^DPT, NO THROWS, SNOW,

PID^S^GRADE A

PID^S^

PID^S^SPRING 2007

PO4^1^1

REF^DP^50^FURNITURE STORE ONLY

REF^ACD^10^UPHOLSTERY STOCK ONLY

SCH^42^EA^010^20070829

PO1^2^31^EA^738^PE^IN^222222^VN^22-13^CB^YES

PID^F^BAYSIDE II FSL PETRY SNO 22-13

PID^F^MB^BAYSIDE II FSL PETRY SNO 22-13

PID^S^BIFOLD INNERSPRING MATTRESS,

PID^S^POLY FIBER SEATS, FIBER BACKS

PID^S^IN DPT, NO THROWS, PETRY SNOW,

PID^S^GRADE A

PID^S^

PID^S^SPRING 2007

PO4^1^1

REF^DP^50^FURNITURE STORE ONLY

REF^ACD^10^UPHOLSTERY STOCK ONLY

SCH^31^EA^010^20070829^275^20070829

PO1^3^31^EA^375^PE^IN^333333^VN^33-01^CB^YES

PID^F^BAYSIDE II CH PETRY SNOW 33-01

PID^F^MB^BAYSIDE II CH PETRY SNOW 33-01

PID^S^SINUOUS WIRE SUSPENSION, POLY

PID^S^FIBER SEAT, FIBER BACK IN DPT,

PID^S^NO THROWS, PETRY SNOW, GRADE A

PID^S^

PID^S^SPRING 2007

PO4^1^1

REF^DP^50^FURNITURE STORE ONLY

REF^ACD^10^UPHOLSTERY STOCK ONLY
SCH^31^EA^010^20070829^275^20070829
PO1^4^33^EA^152^PE^IN^444444^VN^44-00^CB^YES
PID^F^MB^BAYSIDE II OT PETRY SNOW 44-00
PID^F^MB^BAYSIDE II OT PETRY SNOW 44-00
PID^S^SYNTHETIC WEBBING SUSPENSION,
PID^S^POLY FIBER SEAT, PETRY SNOW,
PID^S^GRADE A
PID^S^
PID^S^SPRING 2007
PO4^1^
REF^DP^50^FURNITURE STORE ONLY
REF^ACD^10^UPHOLSTERY STOCK ONLY
SCH^33^EA^010^20070829^275^20070829
PO1^5^61^EA^400^PE^IN^555555^VN^55-01^SG^CB^YES
PID^F^MB^BAYSIDE SG PETRY SNOW 55-01SG
PID^F^MB^BAYSIDE SG PETRY SNOW 55-01SG
PID^S^SINUOUS WIRE SUSPENSION, POLY
PID^S^FIBER SEAT, FIBER BACK IN DPT,
PID^S^PETRY SNOW, GRADE A
PID^S^
PID^S^SPRING 2007
PO4^1^
REF^DP^50^FURNITURE STORE ONLY
REF^ACD^10^UPHOLSTERY STOCK ONLY
SCH^61^EA^010^20070829^275^20070829
CTT^5
SE^count of segments here^1234567
GE^1^240
IEA^1^000000310

Non-Furniture Vendor

ISA^00^ ^00^ ^12^8472722888 ^01^123456789
^070601^1339^U^00401^000000311^0^P^
GS^PO^CRATEDOMES^123456789^070601^1339^241^X^004010
ST^850^1234567
BEG^00^SA^1234567^20070620
CUR^BY^USD
REF^IA^422
FOB^PP^DE^CITY, ST 12345
ITD^01^3^55^E
N9^TOC^Ship Instruction
MSG^1. Refer to the Domestic Vendor Operations Guide
MSG^2. If you do not have a copy of the Domestic
MSG^Vendor Operations Guide, contact Vendor Relations
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MSG^3. A copy of the Packing List must be attached to
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MSG^4. Do not pack more than one Purchase Order
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MSG^5. Do not pack more than one sku within a carton.
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MSG^to the appropriate Furniture Merchandising Team
MSG^at Fax: 847-555-1234 AND directly to the warehouse
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MSG^7. If you cannot meet the shipping window outlined
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N9^TOC^Vendor Instruction
MSG^1. Refer to the Domestic Vendor Operations Guide.

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MSG^Assistant or mail the Original Invoice to the
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MSG^Department.

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MSG^order. Barcode labels must be ordered through an
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MSG^exceptions must be approved by the Product
MSG^Manager.

MSG^6. All products sold to Crate and Barrel must meet
MSG^all legal requirements for sale in the U.S. and
MSG^Canada.

N1^BY^CRATE and BARREL^92^113

N3^1234 Any Road

N4^Northbrook^IL^60062^USA

PER^IC^First Last^TE^5555551234

N1^SU^SUPPLIER^92^123

N3^1234 BROADWAY^6TH FLOOR

N4^NEW YORK^NY^10019^USA

PER^IC^TE^(212) 555-1234

^FX^(212)

572-4961

N1^ST^CRATE and BARREL^92^199

N3^1860 W JEFFERSON

N4^NAPERVILLE^IL^60540^USA

PER^IC^TE^6305799000

^FX^6305799148

N1^BT^CRATE and BARREL

N3^ATTN: Merchandising Department^1234 Any Road

N4^Northbrook^IL^60062^USA

PER^IC^TE^5555551234

^FX^8472725276

PO1^1^200^EA^12.3^PE^IN^123456^VN^123-4-567-89012-4^UP^1234567890123^CH^JAP

PID^F^Cook Book

PID^F^MB^NAME OF Book

PO4^10^1

REF^DP^01^DEPT NAME

REF^ACD^75^COOKBOOKS

SCH^190^EA^010^20070901^275^20070901

PKG^F^Label Type : SSN:Std Label w/No Price

PO1^2^190^EA^17.5^PE^IN^234567^VN^234-5-678-901234-5^UP^9780609602195^CH^JAP

PID^F^COOKBOOK

PID^F^MB^Cookbk

PO4^10^1

REF^DP^01^KITCHENWARES

REF^ACD^75^COOKBOOKS

SCH^190^EA^010^20070901^275^20070901

PKG^F^Label Type : SSN-Std Label w/No Price

PO1^3^200^EA^17.5^PE^IN^345678^VN^345-0-111-22222-4^UP^3450111222224^CH^JAP

PID^F^FAMILY STYLE

PID^F^MB^Family

PO4^10^1

REF^DP^01^KITCHENWARES

REF^ACD^75^COOKBOOKS

SCH^190^EA^010^20070901^275^20070901

PKG^F^Label Type : SSN:Std Label w/No Price

PO1^4^154^EA^16.25^PE^IN^456789^VN^4567890123^UP^4567891231111^CH^CHN
PID^F^EVERYDAY COOKBOOK
PID^F^MB^Everyday
PO4^14^1
REF^DP^01^KITCHENWARES
REF^ACD^75^COOKBOOKS
SCH^154^EA^010^20070901^275^20070901
PKG^F^Label Type : SSN:Std Label w/No Price
PO1^5^180^EA^16.25^PE^IN^567890^UP^567000111115^CH^USA
PID^F^PASTA
PID^F^MB^Pasta
PO4^12^1
REF^DP^01^KITCHENWARES
REF^ACD^75^COOKBOOKS
SCH^180^EA^010^20070901^275^20070901
PKG^F^Label Type : SSN:Std Label w/No Price
CTT^5
SE^1234567
GE^1^241
IEA^1^000000311